

SWARGIYA DADASAHEB KALMEGH SMRUTI

DENTAL COLLEGE AND HOSPITAL

(Recognized by Dental Council of India, Affiliated to
Maharashtra University of Health Sciences, Nashik)
WANADONGRI ROAD, HINGNA, DIST. NAGPUR 441110
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<http://www.sdk-dentalcollege.com>



SELF STUDY REPORT CYCLE - I



Submitted to:

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
BENGALURU-560072
MARCH 2017**

SELF STUDY REPORT



SWARGIYA DADASAHEB KALMEGH SMRUTI DENTAL COLLEGE AND HOSPITAL

WANADONGRI ROAD, HINGNA DIST. NAGPUR 441110

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Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital

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NO.S.D.K.S.D.C. & H/8938/2017
Dated.....04.1.2017

To,
The Director
National Assessment & Accreditation Council
P O. Box No 1075 Nagabhavi
Bangalore - 560072
Karnataka India
Ph: +91-80-23210261

Subject: Submission of SSR for assessment & accreditation of Swargiya Dadasaheb Kalmegh Smruti Dental College & hospital.

Ref: (1) Acceptance of LOI with reference to your E mail dated 20/4/2017
(2) Institutional Track ID: MHCOGN 27675

Respected Sir,

We acknowledge with thanks the receipt of your mail regarding the acceptance of Letter of Intent of our Institute. Here with we are submitting the hard copies of SSR of our institution which has been already uploaded on our college website <http://www.sdk-dentalcollege.com>

As per NAAC fee structure, we are enclosing herewith a DD of RS 6,90,000 /- (NAAC Fees + 15 % service tax) drawn in favor of "Director NAAC" payable at Bangalore.

As per your directions the SSR Uploaded on college website is not password protected & accessible to all public. The information of our institute has also been already uploaded on the website of "All India Survey of Higher Education" vide ref No C-13998-201 dated 12/4/2017.

Please accept our SSR and nominate the Peer Team for accreditation of our institute.

Thanking You

Yours Sincerely

[Signature]
Dean

Encl:
Copy of Email acceptance of LOI
5 Hard Copies of SSR
One CD of SSR
Demand Draft No of Rs 6,90,000, dated
Copy of AISHE certificate

PREFACE

Maharashtra, the land of education has been blessed by the thinkers like Mahatma Phule, Lokmanya Tilak & several others who set the standards of education through their philosophy of life.

Swargiya Dadasaheb Kalmegh Smruti Prathisthan is inspired by the work of these great stalwarts. Swargiya Dadasaheb Kalmegh Smruti Prathisthan is a trust that personifies the ideals & values engrained by iconic academic figure, late Dadasaheb Kalmegh who was a colossus, striding the academic fraternity in Vidharbha region with a vision that transcended time & regional boundaries.

Swargiya Dadasaheb Kalmegh Smruti Prathisthan was established in the year 1997 by selfless & compassionate visionaries, Hon'ble Chairman Shri Sharad Kalmegh, Hon'ble Treasurer RM Singh, Hon'ble Secretary Shri Hemant Kalmegh & Hon'ble Vice President Gangadhar Vakil. This Organization is catering to aspiration of students of dentistry from diverse strata of society & along with its able faculty it is following the vision of creating global dentists.

The motto of this Prathishthan is **“Reduce Pain & Increase Hope” & “Quality Health at Affordable Cost for All”**. It is an Institute imparting quality dental education at both Under Graduate & Post Graduate levels & providing exemplary standards of oral health care services with utmost Care, Concern & Compassion.

The campus is situated at Wanadongri, Hingna, Nagpur. The hospital stands in an area which is a unique admixture of suburban industrial, residential & commercial zones. The proximity to many research Institutes & other industrial organizations provides an excellent opportunity to students & faculty to embark on diverse research activities.

The infrastructure of the campus is very conducive for all curricular & extracurricular activities. All the departments are well equipped & have a very pleasant ambience. The campus houses a Dental college, 100 bedded hospital complex, separate hostel for boys & Girls with security & sports facility. The central library is well equipped & we have a well-developed e-library catering to all faculties & students. The smart lecture halls, seminar rooms & auditorium have good audio visual facilities to conduct academic & co-curricular activities. The Institute has achieved merit positions in MUHS exams, won gold medals, and 100 % result of Final BDS in 2013 & 100 % results in all subjects of MDS in 2014.

The stated vision, mission & objectives of the Institute reflect the spirit of active learning, service to humanity, zeal, vigor & enthusiasm for research & innovation. Above all, along with professional skillful services, the Institute extends noble services with human touch.

EXECUTIVE SUMMARY

Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital has been established with the Mission to impart Quality Health Care Education, to create Dental Professional who is Globally Competent, Concerned, Compassionate, Consistent and Committed to Research and Health Care of Society at affordable cost. Under the able guidance of Honorable Chairman, Shri Sharad Kalmegh and Local Management Committee, the Institution strives to accomplish this mission by imbibing the unique value system, transparent work culture and excellent academic environment which is conducive to learning and creativity.

Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital was established in the year 2006 and since then, it is working selflessly for the service of patients and society in general and upliftment of students and teachers in particular. In short span of time, this Institute has established itself as a Dental Institution par excellence. It has constantly updated itself with constant changes in education system with new academic aids. With rapidly advancing trends in Dentistry, it has been acquiring advanced diagnostic and treatment facilities like Cone Beam Computed Tomography, Implants, LASER etc.

Our primary aim is “Quality Health Care for All” at affordable cost and we do so by making the expensive and sophisticated patient care options accessible to even the most economically backward sections of the society. As a result of this, we have a tremendous momentum in increase in patient number which is immensely benefitting our students for their clinical training and also benefitting the patients.

The faculty of the Institute is a perfect blend of experience and enthusiastic innovators imparting high quality education in a pleasant environment. The ideal student teacher ratio makes learning one on one basis feasible. The faculty shows equal interest in potential as well as advanced learners. An innovative concept of “Interaction Module” makes teaching and learning possible at a micro level effectively. This reflects in the increasing passing percentage of students and achieving merits and gold medals.

Our institute believes in following the concept of “12C’s”, to quote some of these “C’s”; Compassion, Concern, Commitment, Communication, Co-ordination,

Consistency, Co-operation, Cool and Composed. We believe and follow these values and also try to inculcate these virtues in the faculty, students and administrative staff. The C's that are not to be followed are Casual approach and Complacent attitude. Our Institute supports Research activity and it encourages the faculty, undergraduate and postgraduate students to take it up in big way. The Institute encourages students and faculty members to take part in conferences, symposia, workshops, debates, seminars, papers and poster presentations. An emphasis is given on scientific publication by students and faculty especially in Indexed Journals. In the last two years, our Institute has completed several short term research projects and has more than 200 new publications to its credit.

Our Institute runs very effectively because of Facilitators at various levels where in, Local Management Committee is at topmost level followed by the Dean who is an administrative head, Vice Dean(Dental / Medical), PG Director, UG Director, Heads of the Departments and Student's Council. The work is carried out very smoothly by virtue of various committees like Hostel committee, Canteen committee, Grievances cell, NAAC Committee, Interaction committee, store committee, maintenance committee, cultural committee, time-table committee, Vishakha committee, Anti-ragging committee, who work at their level and report to the Dean and Local Management Committee. This ensures that a well-oiled regime is in place for smooth functioning of Institute. We have well established IQAC Cell with participation of students which enhances the quality of performance.

We are also putting extra efforts to improve the infrastructure of the Institute so as to improve quality of education, treatment and extra-curricular activities. Recently, we have developed an auditorium which is unique with state of the art facilities and two smart class rooms.

We are the nodal centre for "I4C", where innovations in Dentistry are encouraged and as a result some of our students are supported by sponsorships from American companies. We have also applied for Patents and have Innovative ideas created by various departments.

Regular feedback from stakeholders and its evaluation helps us to improve our performance. Several of our alumni are highly qualified and working in very high positions in India and Abroad.

Our Institute is well aware of its responsibilities towards environment, Society and community at large and has installed Solar and Centralized RO system. We are putting lot of efforts to make the campus eco-friendly. Tree plantations are done passionately as a result of which we have a beautiful green campus. We also follow fervently the principle of Swachh Bharat Abhiyaan and keep the campus, canteen, hostel and the college effectively clean.

Camps are conducted with vigour and enthusiasm and we have adopted 3 villages and 21 schools where free treatment is provided to the patients.

We are very enthusiastic about anti-tobacco drive and we regularly counsel patients for tobacco cessation, carry out anti-tobacco rallies and do skit and road shows to create an impact about the dangers of tobacco consumption and oral cancer. We have single minded goal to make our nation tobacco free and fight the deadly disease of oral cancer. Department of Public Health Dentistry has till date treated more than 50000 patients through Camps.

Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital is leaving no stone unturned to emerge as a global leader in Dental Education and Care. We are thus on the verge of attaining perfection and achieving excellence which is sustainable and progressive.

We believe in the fact that every human being in this world starts the day with something that is Dentistry.

The SWOC of our institute are as follows:

Strengths:

- Qualified and approachable teaching faculty.
- Quality treatment is imparted at subsidized rates.
- Regular interaction with students and their active participation in curricular and extracurricular activities with focus on their overall development.
- Good strength of out-patients.
- Well-equipped departments. Advanced treatment modalities available.
- Discipline and punctuality among staff and students.
- Adequate training provided to undergraduate and postgraduate students.
- Above 90% results in undergraduate and postgraduate students.

Weakness:

- No attached medical college.

Opportunity:

- Creating a computer guided implant centre.
- Publications in national and international journals.
- Skill enhancement of faculty through various workshops and CDE programs at national and international level for advanced diagnostic and therapeutic training.
- Research related to dental material in collaboration with ICT Mumbai.
- Scope for conducting conferences, CDE programs and workshops.
- Working on patients using newer techniques.

Challenges:

- Parallel institution with attached Medical college.
- Increase in number of private Dental hospitals.
- Procurement of funds for carrying out research.
- Maintenance of consistent quality treatment of patients.
- Rising cost of health care and health care education.

Institutional Profile

1. Profile of the Institution

1. Name and Address of the Institution:

Name:	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital. Wanadongri - Wadhamna Road, Hingna	
Address:		
City: Nagpur	Pin: 441110	State: Maharashtra
Website: http://www.sdk-dentalcollege.com		

2. For communication:

Designation	Name	Telephone with STD code	Mobile	Fax	email
Vice Chancellor	Prof. Dr Dilip Mhaisekar	O: 02532539114 R:		02532539113	vc@muhs.ac.in
Pro Vice Chancellor (s)	Prof Dr Mohan Khamgaonkar	O: 02532539115 R:		02532539130	provc@muhs.ac.in
Registrar	Dr Kalidas D. Chavhan	O: 02532539294 R:		02532539295	registrar@muhs.ac.in
Principal / Dean / Director	Dr Sanjay Patil	O: 07620221782 R: 07028015695	9422805125	07104-280099	dean@sdk-dentalcollege.com; contact@sdk-dentalcollege.com ; dadasahebkalmeghdental@yahoo.com
Vice Principal		O: R:			
Steering Committee / IQAC Co-ordinator	Dr J Limje	O: R: 9096089270	9096089270		jagan.limje@sdk-dentalcollege.com

3. Status of the Institution:

Autonomous College

Constituent College

Affiliated College ☒

State University

State Private University

Central University

University under Section 3 of UGC (A Deemed to be University)

Institution of National Importance

Any other (specify)

4. Type of University:

Unitary	☐
Affiliating	☒

5. Type of College:

Ayurveda	☐
Dentistry	☒
Homoeopathy	☐
Medicine	☐
Nursing	☐
Pharmacy	☐
Physiotherapy	☐
Siddha	☐
Unani	☐
Yoga and Naturopathy	☐
Others (specify and provide details)	☐

6. Source of funding:

Central Government	☐
State Government	☐
Grant-in-aid	☐
Self-financing	☐
Trust	☒
Corporate	☐
Any other (specify)	☐

7. a. Date of establishment of the institution: 15/07/2006

b. In the case of university, prior to the establishment of the university, was it a/an

NA

i. Autonomous College	Yes ☐	No ☐	NA
ii. Constituent College	Yes ☐	No ☐	NA
iii. Affiliated College	Yes ☐	No ☐	NA
iv. PG Centre	Yes ☐	No ☐	NA
v. De novo institution	Yes ☐	No ☐	NA
vi. Any other (specify)			

c. In the case of college, university to which it is affiliated: **Maharashtra University of Health Sciences, Nashik**

8. State the vision and the mission of the institution.

Mission:

Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital is committed to Quality Health Care Education to create Dental Professional who is globally

competent, concerned, compassionate, consistent, and committed to research and health care of the society at affordable cost.

Vision:

- Reduce pain and increase hope.
- Dental Treatment at affordable cost for all.
- Satellite Dental Clinics for far-flung, inaccessible areas.
- To take dentistry to a global level.
- Mobile dental clinic with value added services of modern diagnostic procedures and preventive measures under the aegis of the trust.

9. a. Details of UGC recognition / subsequent recognition (if applicable):NA

Under Section	Date, Month and Year (dd/mm/yyyy)	Remarks (If any)
i. 2(f)*	NA	NA
ii. 12B*	NA	NA
iii. 3*	NA	NA

* Enclose the certificate of recognition, if applicable

b. Details of recognition/approval by statutory/regulatory bodies other than UGC (MCI, DCI, PCI, INC, RCI, AYUSH, AICTE, etc.)

Under Section/clause	Day, Month and Year (dd/mm/yyyy)	Validity	Program/ institution	Remarks
i. Part II section 3 Sub section (ii)	1/12/2010 19/10/2011	Permanent	BDS	
ii. Part II section 3 Sub section (ii)	1/6/2015	Permanent	MDS: Periodontology; MDS Conservative dentistry & Endodontics; MDS Prosthodontics Crown Bridge	
iii. Part II section 3 Sub section (ii)	21/10/2015	Permanent	MDS: Oral pathology & microbiology MDS: Oral medicine & Radiology MDS: Orthodontics & Dentofacial Orthopedics MDS: Oral & Maxillofacial Surgery	
iv. Part II section 3 Sub section (ii)	27/12/2016	Permanent	MDS: Pedodontics & Preventive Dentistry	

(Enclose the Certificate of recognition/approval)- Enclosed

10. Has the institution been recognized for its outstanding performance by any national / international agency such as DSIR, DBT, ICMR, UGC-SAP, AYUSH, WHO, UNESCO, etc.?

Yes ☐ No ☒

If yes, name of the agency NA.....

date of recognition.....NA

nature of recognition NA

11. Does the institution have off-campus centres?

Yes ☒ No ☐

If yes, date of establishment: at Wadi – 01/05/2014, at Hingna – 9/9/2013

Date of recognition by relevant statutory body/ies: NA

12. Does the institution have off-shore campuses?

Yes ☐ No ☒

If yes, date of establishment: NA

Date of recognition by relevant statutory body/ies: NA.....

13. Location of the campus and area:

	Location *	Campus area in acres	Built up area in sq. mts.
i. Main campus area	Rural	5 Acres	10684
ii. Other campuses in the country	-	-	-
iii. Campuses abroad	-	-	-

(* Urban, Semi-Urban, Rural, Tribal, Hilly Area, any other (specify))

If the institution has more than one campus, it may submit a consolidated self-study report reflecting the activities of all the campuses.

14. Number of affiliated / constituent institutions in the university. NA....

Types of institutions	Total	Permanent	Temporary
Ayurveda	Not Applicable	Not Applicable	Not Applicable
Dentistry			
Homoeopathy			
Medicine			
Nursing			
Pharmacy			
Physiotherapy			
Siddha			
Unani			
Yoga and Naturopathy			
Others (specify and provide details)			

15. Does the University Act provide for conferment of autonomy to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the University.

Yes ☐ No ☒ Number

16. Furnish the following information: **NA**

Particulars	Number
a. Accredited colleges by any professional body/ies	NA
b. Accredited course / department by any professional body/ies	NA
c. Affiliated colleges	NA
d. Autonomous colleges	NA
e. Colleges with Postgraduate Departments	NA
f. Colleges with Research Departments	NA
g. Constituent colleges	NA
h. University Departments	NA
Undergraduate	
Post graduate	
Research centres on the campus and on other campuses	
i. University recognized Research Institutes/Centres	NA

17. Does the institution conform to the specification of Degrees as enlisted by the UGC?

Yes ☒ No ☐

If the institution uses any other nomenclatures, specify.

18. Academic programs offered and student enrolment: (Enclose the list of academic programs offered and approval / recognition details issued by the statutory body governing the program)

Programs	Number of Programs	Number of students enrolled
UG	1 – BDS	100 / year
PG	8- MDS	24 /year
DNB	--	--
Integrated Masters	--	--
Integrated Ph.D.	-	-
PharmD.	-	-
M.Phil.	-	-
Ph.D.	-	-
Certificate	-	-
Diploma	-	-
PG Diploma	-	-
D.M. / M.Ch.	-	-
Sub / Super specialty Fellowship	-	-
Any other (specify)	-	-
Total	9	124 / year

19. Provide information on the following general facilities(campus-wise):

- Auditorium/seminar complex with infrastructural facilities Yes ☒ No ☐
- Sports facilities
 - * Outdoor Yes ☒ No ☐
 - * Indoor Yes ☒ No ☐
- Residential facilities for faculty and non-teaching staff Yes ☒ No ☐
- Cafeteria Yes ☒ No ☐
- Health centre
 - * First aid facility Yes ☒ No ☐
 - * Outpatient facility Yes ☒ No ☐
 - * Inpatient facility Yes ☒ No ☐
 - * Ambulance facility Yes ☒ No ☐
 - * Emergency care facility Yes ☒ No ☐
 - * Health centre staff Yes ☒ No ☐
 - Qualified Doctor Full time ☒ Part-time ☐
 - Qualified Nurse Full time ☒ Part-time ☐
- Facilities like banking, post office, book shops, etc. Yes ☐ No ☒
- Transport facilities to cater to the needs of the students and staff Yes ☒ No ☐
- Facilities for persons with disabilities Yes ☒ No ☐
- Animal house Yes ☐ No ☒
- Incinerator for laboratories Yes ☐ No ☒
- Power house Yes ☒ No ☐
- Fire safety measures Yes ☒ No ☐
- Waste management facility, particularly bio-hazardous waste Yes ☒ No ☐
- Potable water and water treatment Yes ☒ No ☐
- Any other facility (specify). **NA**

20. Working days / teaching days during the past four academic years

	Working days				Teaching days			
	13-14	14-15	15-16	16-17	13-14	14-15	15-16	16-17
Number stipulated by the Regulatory Authority	263	260	240	241	248	244	240	241
Number by the Institution	263	260	251	251	248	244	252	252

(‘Teaching days’ means days on which classes/clinics were held. Examination days are not to be included.)

21. Has the institution been reviewed or audited by any regulatory authority? If so, furnish copy of the report and action taken there upon (last four years). Yes.
The Dental Council of India undertakes a review for approval of BDS & MDS Course
The Maharashtra University of Health Sciences also undertakes a review annually.

22. Number of positions in the institution

Positions	Teaching faculty						Non-teaching staff	Technical staff
	Professor	Associate Professor/Reader	Assistant Professor	Lecturer	Tutor /Clinical Instructor	Senior Resident		
Sanctioned by the Government Recruited Yet to recruit	NA	NA	NA	NA	NA	NA	NA	NA
Sanctioned by the Management - Society or other authorized bodies - Recruited Yet to recruit -	9 9 Nil	26 26 Nil	- - Nil	40 40 Nil	20 20 Nil	- - Nil	66 66 Nil	- - Nil
Stipulated by the regulatory authority Cadre ratio Recruited Yet to recruit	- 100% Nil	- 100% Nil	- 100% Nil	- 100% Nil	- 100% Nil	- 100% Nil	- 100% Nil	- 100% Nil
Number of persons working on contract basis	-	-	-	-	-	-	-	-

Qualifications of the teaching staff

Highest Qualification	Professor		Associate Professor/Reader		Assistant Professor		Lecturer		Tutor /Clinical Instructor		Senior Resident	
	M	F	M	F	M	F	M	F	M	F	M	F
Permanent teachers												
D.M./ M.Ch.	-	-	-	-	-	-	-	-	-	-	-	-
Ph.D./D.Sc./D.Litt/M.D./ M.S.	1	1	6	1			3					
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA)	4	4	12	7			22	11	16	4		

Highest Qualification	Professor		Associate Professor/Reader		Assistant Professor		Lecturer		Tutor /Clinical Instructor		Senior Resident	
	M	F	M	F	M	F	M	F	M	F	M	F
AB/FRCS/FRCP/ MRCP/MRCS/FDSRCS	-	-	-	-	-	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-	-	-	-	-	-
UG			1				4	7				
Temporary teachers												
D.M./ M.Ch.	-	-	-	-	-	-	-	-	-	-	-	-
Ph.D./D.Sc./D.Litt/M.D./ M.S.	-	-	-	-	-	-	-	-	-	-	-	-
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA)	-	-	-	-	-	-	-	-	-	-	-	-
AB/FRCS/FRCP/ MRCP/MRCS/FDSRCS	-	-	-	-	-	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-	-	-	-	-	-
UG	-	-	-	-	-	-	-	-	-	-	-	-
Contractual teachers												
D.M./ M.Ch.	-	-	-	-	-	-	-	-	-	-	-	-
Ph.D./D.Sc./D.Litt/M.D./ M.S.	-	-	-	-	-	-	-	-	-	-	-	-
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA)	-	-	-	-	-	-	-	-	-	-	-	-
AB/FRCS/FRCP/ MRCP/MRCS/FDSRCS	-	-	-	-	-	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-	-	-	-	-	-
UG	-	-	-	-	-	-	-	-	-	-	-	-
Part-time teachers												
D.M./ M.Ch.	-	-	-	-	-	-	-	-	-	-	-	-
Ph.D./D.Sc./D.Litt/M.D./ M.S.	-	-	-	-	-	-	-	-	-	-	-	-
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA)	-	-	-	-	-	-	-	-	-	-	-	-
AB/FRCS/FRCP/ MRCP/MRCS/FDSRCS	-	-	-	-	-	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-	-	-	-	-	-
UG	-	-	-	-	-	-	-	-	-	-	-	-

23. Emeritus, Adjunct and Visiting Professors.

	Emeritus		Adjunct		Visiting	
	M	F	M	F	M	F
Number	-	1	-	-	-	-

24. Distinguished Chairs instituted:

Department	Chairs
-	-

25. Hostel

* Boys' hostel

- i. Number of hostels: 1
- ii. Number of inmates : 3

Facilities: Cot, Mattress, Pillow, Table, Chair, Cupboard/Open rack, fan, Common Mirror, Dust bin, two common geysers on each floor, two coolers with water purifiers, Sweepers for cleaning, Parking Facility, Television, Transport. Common Mess & Canteen

* Girls' hostel

- i. Number of hostels: 2
- ii. Number of inmates: 56 (UG) + 1 (PG)

Facilities : Cot, Mattress, Pillow, Table, Chair, Cupboard/Open rack, fan, Common Mirror, Dust bin, two common geysers on each floor, two coolers with water purifiers, Sweepers for cleaning, Parking Facility, Television, Gym, Transport. Common Mess & Canteen

* Overseas students hostel **NIL**

- i. Number of hostels **NIL**
- ii. Number of inmates **NIL**
- iii. Facilities

* Hostel for interns **NIL**

- i. Number of hostels **NIL**
- ii. Number of inmates **NIL**
- iii. Facilities **NIL**

* PG Hostel **NIL**

- i. Number of hostels **NIL**
- ii. Number of inmates **NIL**
- iii. Facilities **NIL**

26. Students enrolled in the institution during the current academic year, with the following details:

Students	UG	PG			Integrated Masters	M. Phil	Ph.D.	Integrated Ph.D.
		PG	DM	MCH				
	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F
From the state where the	96	20	-	-	-	-	-	-

Students	UG	PG			Integrated Masters	M. Phil	Ph.D.	Integrated Ph.D.
		PG	DM	MCH				
	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F
institution is located								
From other states	4	0	-	-	-	-	-	-
NRI students	-	-	-	-	-	-	-	-
Foreign students	-	-	-	-	-	-	-	-
Total – M F	18 82	5 15	-	-	-	-	-	-

*M-Male *F-Female

27. Health Professional Education Unit / Cell / Department

- Year of establishment 1st January 2017
- Number of continuing education programs conducted (with duration) – 27 (Last 5years)
 - * Induction
 - * Orientation
 - * Refresher
 - * Post Graduate

28. Does the university offer Distance Education Programs (DEP)?

Yes ☐ No ☒

If yes, indicate the number of programs offered.

Are they recognized by the Distance Education Council?

29. Is the institution applying for Accreditation or Re-Assessment?

Accreditation ☒ Re-Assessment ☐

Cycle 1 ☒ Cycle 2 ☐ Cycle 3 ☐ Cycle 4 ☐

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4) NA

Cycle 4: (dd/mm/yyyy), Accreditation outcome/Result
..... NA

Cycle 3: (dd/mm/yyyy), Accreditation outcome/Result
..... NA

Cycle 2: (dd/mm/yyyy), Accreditation outcome/Result
..... NA

Cycle 1: (dd/mm/yyyy), Accreditation outcome/Result
..... NA

* Enclose copy of accreditation certificate(s) and peer team report(s)

31. Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the university.

NO

32. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).

IQAC 1/9/2015

AQAR NA

33. Any other relevant data, the institution would like to include.

NO

(TO BE PUBLISHED IN PART-II SECTION 3 OF THE SUB-SECTION (II) OF THE GAZETTE OF INDIA)

GOVERNMENT OF INDIA
MINISTRY OF HEALTH AND FAMILY WELFARE

Nirman Bhavan, New Delhi
Dated the 15th December, 2010

NOTIFICATION

S.O. in exercise of the powers conferred by sub-section (2) of section 10 of the Dentists Act, 1948 (16 of 1948), the Central Government, after consultation with the Dental Council of India, hereby, makes the following amendments in Part-I of the Schedule to the said Act, namely:-

2. In the existing entries of column 2 & 3 against Serial No.59, in Part-I of the Schedule to the Dentists Act, 1948 (16 of 1948) pertaining to recognition of dental degrees awarded by Maharashtra University of Health Sciences, Nashik, the following entries shall be inserted thereunder:-

*XXII. Swargiya Dadasaheb Kalmegh
Smruti Dental College & Hospital,
Nagpur

Bachelor of Dental Surgery
(If granted on or after 19.06.2010)

BDS, Maharashtra University of
Health Sciences, Nashik

F.No.V.12017/30/2005-DE

Anita Tripathi
(Anita Tripathi)

Under Secretary to the Government of India

To
The Manager
Govt. of India Press
Mayapuri Ring Road
New Delhi

Copy for information to:

1. The Secretary, Dental Council of India, Kotla Road, New Delhi with a request to obtain the copy of the Gazette Notification from Press and furnish at least two copies to this Ministry also.
2. The Secretary, Medical Education & Drugs Department, Government of Maharashtra, Mantralaya, Mumbai.
3. The Registrar Maharashtra University of Health Sciences, Nashik, Maharashtra.
4. The Principal, Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Wana Dongri Road, Hingana Distt. Nagpur-441 110, Maharashtra.
5. The Secretaries (Health)/Director (ME) of all States/Union Territories/ Notification Folder/Guard File.

Anita Tripathi
Under Secretary to the Government of India

Swargiya Dadasaheb Kalmegh Smruti
Dental College & Hospital
Nagpur

DEAN
Swargiya Dadasaheb Kalmegh Smruti
Dental College & Hospital

DEAN
Swargiya Dadasaheb Kalmegh Smruti

ANNEXURE - (C)

FROM: SECRETARY, TOURISM SERVICES

FILE NO. 103130057070

25 Oct 2011 10:15 AM

By Email Post

P.N.G.V.12017/002900-02

Government of India

Ministry of Health & Family Welfare

(Dental Education Section)

Minister's Office, New Delhi
Dated the 19 October, 2011

The Principal,
Swargiya Dadasaheb Kalmegh Smriti Dental College & Hospital
Wanadongri Road
Kingsa Durg
Nagpur-441 110, Maharashtra

Subject - Recognition of BDS Degree with restored intake capacity from 60 to 100 seats to be awarded by Maharashtra University of Health Sciences, Nashik, in respect of BDS students of Swargiya Dadasaheb Kalmegh Smriti Dental College & Hospital, Nagpur, Maharashtra.

By,

I am directed to refer to Dental Council of India's letter No. DS-3217/2011/S-2011 dated 07.10.2011 on the subject cited above and to convey its approval of the Central Government on the recommendations of Dental Council of India for recognition of the BDS Degree with restored intake capacity from 60 to 100 seats to be awarded by Maharashtra University of Health Sciences, Nashik, in respect of BDS students of Swargiya Dadasaheb Kalmegh Smriti Dental College & Hospital, Nagpur, Maharashtra, & granted on or after 14.08.2011.

2. This issues with the approval of competent authority.

Yours faithfully


(Under Secretary)

Under Secretary to the Government of India

Copy for information to:-

1. The Secretary, Dental Council of India, Kola Road, Temple Lane, New Delhi-110002.
2. The Secretary, Medical Education & Drugs Department, Government of Maharashtra, Maharashtra, Mumbai-400 032.
3. The Director (Medical Education), Medical Education & Drugs Department, Government of Maharashtra, Maharashtra, Mumbai-400 032.
4. The Registrar, Maharashtra University of Health Sciences, Nashik, Maharashtra.
5. The Secretary/Director (Medical Education) of all States/Union Territories.
6. Notification Folder / Guard file.

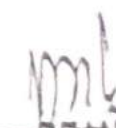
(Under Secretary)

Under Secretary to the Govt. of India


DEAN
Swargiya Dadasaheb Kalmegh Smriti
Dental College & Hospital
Nagpur

DEAN
Swargiya Dadasaheb Kalmegh Smriti
Dental College & Hospital
Nagpur


DEAN
Swargiya Dadasaheb Kalmegh Smriti
Dental College & Hospital
Nagpur


DEAN
Swargiya Dadasaheb Kalmegh Smriti
Dental College & Hospital
Nagpur



महाराष्ट्र आरोग्य विज्ञान विद्यापीठ, नाशिक
MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES, Nashik
 (An ISO 9001:2008 Certified University)
 दिंडोरी रोड, म्हास्रुळ, नाशिक - ४२२००४ Dindori Road, Mhasrul, Nashik - 422004
 Tel : (0253) 2539192 / 198, Fax : (0253) 2539195
 Website : www.muhs.ac.in, E-mail : ugacademic@muhs.ac.in

डॉ. कलिदास द. चव्हाण
 एम.बी.बी.एस., एम.डी. (न्यायवैद्यकात्म्य)
प्र.कुलसचिव

Dr. Kalidas D. Chavan
 M.B.B.S. M.D. (Forensic Medicine)
Offg. Registrar

No. MUHS/UG/E- 2/39/2506/5367/2018

Date: 26/07/2018

Continuation / Extension of Affiliation letter for Academic Year 2016-17
 (Issued under provision No. 11 & 12 of University Direction No. 03/2014)

To,
The Dean / Principal
 Swargiya Dadasaheb Kalmegh Smruti
 Dental College & Hospital,
 Wanadongri Road, Hingana
 Nagpur - 441 110

Sub : Continuation / Extension of Affiliation for the Academic Year 2016-17

Sir / Madam,

1. With reference to the subject cited above, I am directed to communicate that as per the provision under Section 68 of Maharashtra University of Health Sciences Act, 1998, the Academic Council has taken decision in its meeting held on 16/05/2016 vide its resolution No. 43/2016 to grant continuation / Extension of affiliation to the B.D.S. course of your college for the academic year 2016-17, subject to the following conditions:

- The Intake capacity of students shall be 100.
- Grant of necessary permission from Central Govt. / Central Council and / State Government (as applicable).
- Fulfilment of following deficiencies and submission of its compliance report within next **Three Months** :

I) Teaching Staff :

a) Dental Subjects:

Subject	Professor			Reader			Lecturer			Tutor		
	R.	A.	D.	R.	A.	D.	R.	A.	D.	R.	A.	D.
Prosthetic & Crown & Bridge	-	-	-	-	-	-	4	0	4	-	-	-
Oral Pathology & Oral Microbiology	-	-	-	-	-	-	-	-	-	-	-	-
Conservative Dentistry & Endodontics	-	-	-	-	-	-	4	1	3	-	-	-
Oral & Maxillofacial Surgery	-	-	-	-	-	-	2	1	1	-	-	-
Periodontology	-	-	-	-	-	-	2	1	1	-	-	-
Orthodontics	-	-	-	-	-	-	-	-	-	-	-	-
Pediatric & Preventive Dentistry	-	-	-	-	-	-	2	1	1	-	-	-
Oral Medicine & Radiology	-	-	-	-	-	-	2	1	1	-	-	-
Public Health Dentistry	-	-	-	1	0	1	-	-	-	-	-	-
Total	-	-	-	1	0	1	16	5	11	-	-	-

R. : Indicates no. of required teaching staff as per Central Council norms.

A. : Indicates no. of existing approved teaching staff.

D. : Indicates no. of deficit teaching staff as per Central Council norms.

b) Medical Subjects :

Year	Subject	Reader			Lecturer		
		R.	A.	D.	R.	A.	D.
1 st BDS	Anatomy	-	-	-	-	-	-
	Physiology	-	-	-	-	-	-
	Biochemistry	-	-	-	-	-	-
2 nd BDS	Pharmacology	1	0	1	-	-	-
	General Pathology	-	-	-	-	-	-
	Microbiology	-	-	-	-	-	-
3 rd BDS	Gen. Medicine	-	-	-	-	-	-
	Gen. Surgery	1	0	1	-	-	-
	Anesthesiology	1	0	1	-	-	-
	Total	3	0	3	-	-	-

R. : Indicates no. of required teaching staff as per Central Council norms.
A. : Indicates no. of existing approved teaching staff.
D. : Indicates no. of deficit teaching staff as per Central Council norms.

ii) Other:-

- Permanent approved Principal is not appointed.
- 2. Uploading of eligibility data within three months from the date of admission of first year students.
- 3. Adequate facilities regarding Hostel and Library to be provided to the students.
- 4. You are requested to comply with the above mentioned deficiencies within a period of next three months without fail and submit a compliance report to the University accordingly.
- 5. Kindly note the above and do the needful scrupulously.

Yours Sincerely,



Offg. Registrar

Copy to :-

1. The Secretary, Dental Council of India, New Delhi
2. The Secretary, Medical Education & Drugs Department, Mumbai
3. The Director, Medical Education & Research, Mumbai.
4. The Secretary, Admission Regulatory Authority, Mumbai
5. The Secretary, AMUPMDC, Mumbai
6. The Controller of Examinations, M.U.H.S., Nashik
7. The I/c, Academic Section (PG), MUHS, Nashik
8. The Asst. Registrar, Eligibility Section, M.U.H.S., Nashik

[TO BE PUBLISHED IN PART-II SECTION 3 SUB-SECTION (ii) OF GAZETTE OF INDIA]

GOVERNMENT OF INDIA
Ministry of Health & Family Welfare
Department of Health & Family Welfare

Nirman Bhavan, New Delhi
Dated the 1st June, 2015

NOTIFICATION

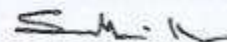
S.O.....In exercise of the powers conferred by sub-section (2) of section 10 of the Dentists Act, 1948 (16 of 1948), the Central Government, after consultation with the Dental Council of India, hereby makes the following amendments in Part-I of the Schedule to the said Act, namely:-

2. In the existing entries of column 2 & 3 against XXIII of Serial No.60 in Part-I of the Schedule to the Dentists Act, 1948 (16 of 1948) pertaining to recognition of Dental Degrees awarded by Maharashtra University of Health Sciences, Nashik, Maharashtra, against Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur, the following entries shall be inserted thereunder:-

Master of Dental Surgery

Periodontology (with 3 seats if granted on or after 04.07.2014)	MDS (Perio), Maharashtra University of Health Sciences, Nashik
Conservative Dentistry and Endodontics (with 3 seats if granted on or after 24.06.2014)	MDS (Cons. Dentistry), Maharashtra University of Health Sciences, Nashik
Prosthodontics and Crown & Bridge (with 3 seats if granted on or after 04.07.2014)	MDS (Prosthodontics), Maharashtra University of Health Sciences, Nashik

No.V.12017/14/2010-DE



(Sudhir Kumar)

Under Secretary to the Government of India

To,

The Manager,
Govt. of India Press
Mayapuri Ring Road, New Delhi.

[TO BE PUBLISHED IN THE GAZETTE OF INDIA, PART-II SECTION 3, SUB-SECTION (ii)]
GOVERNMENT OF INDIA
MINISTRY OF HEALTH AND FAMILY WELFARE

Nirman Bhayan, New Delhi
Dated the 21st October, 2015

NOTIFICATION

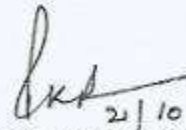
S.O.....In exercise of the powers conferred by sub-section(2) of section 10 of the Dentists Act, 1948 (16 of 1948), the Central Government, after consultation with the Dental Council of India, hereby, makes the following amendments in Part-I of the Schedule to the said Act, namely:-

2. In the existing entries of column 2 & 3 against Serial No.60 in Part-I of the Schedule to the Dentists Act, 1948 (16 of 1948) pertaining to recognition of Dental Degrees awarded by Maharashtra University of Health Sciences, Nashik, Maharashtra against Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur the following entries shall be inserted thereunder:-

Master of Dental Surgery

Oral Pathology & Microbiology (With 3 seats if granted on or after 26.5.2015).	MDS (Oral Pathology & Microbiology) Maharashtra University of Health Sciences, Nashik.
Oral Medicine & Radiology (With 3 seats if granted on or after 26.5.2015).	MDS (Oral Medicine & Radiology) Maharashtra University of Health Sciences, Nashik.
Orthodontics & Dentofacial Orthopedics (With 3 seats if granted on or after 27.5.2015).	MDS (Orthodontics & dentofacial Orthopedics) Maharashtra University of Health Sciences, Nashik.
Oral & Maxillofacial Surgery (With 3 seats if granted on or after 3.6.2015).	MDS (Oral & Maxillofacial Surgery) Maharashtra University of Health Sciences, Nashik

F.No.V.12017/14/2010-DE


(Pradip Kumar Pal)

Under Secretary to the Government of India

To,

The Manager,
Govt. of India Press
Mayapuri Ring Road, New Delhi.

(3061) (61)
[TO BE PUBLISHED IN THE GAZETTE OF INDIA, PART-II SECTION 3, SUB SECTION (ii)]

GOVERNMENT OF INDIA
MINISTRY OF HEALTH AND FAMILY WELFARE
(DENTAL EDUCATION SECTION)

Nirman Bhavan, New Delhi
Dated the 27th December, 2016

NOTIFICATION

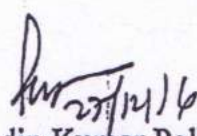
S.O... In exercise of the powers conferred by sub-section(2) of section 10 of the Dentists Act, 1948 (16 of 1948), the Central Government, after consultation with the Dental Council of India, hereby, makes the following amendments in Part-I of the Schedule to the said Act, namely:-

In the existing entries of column 2 & 3 against Serial No.59, in Part-I of the Schedule to the Dentists Act. 1948 (16 of 1948) pertaining to recognition of Dental Degree awarded by Maharashtra University of Health Sciences, Nashik against Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur, the following entries shall be inserted namely:

Master of Dental Surgery

Paedodontics and Preventive Dentistry (With 3 seats if granted on or after 23.8.2016)	MDS(Paedodontics and Preventive Dentistry), Maharashtra University of Health Sciences, Nashik.

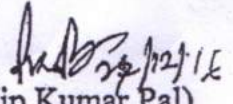
No.V.12017/19/2016-DE


(Pradip Kumar Pal)
Under Secretary to the Government of India.

To
The Manager,
Govt. of India Press, Mayapuri
Ring Road, New Delhi-110064

Copy for information:

1. Secretary, Dental Council of India, Kotla Road, New Delhi with a request to obtain the copy of the Gazette Notification from Press and furnish at least two copies to this Ministry also.
2. The Secretary, Medical Education & Drugs Department, Government of Maharashtra, Mantralaya, Mubai.
3. The Director, Medical Education & Drugs Department, Government of Maharashtra, Mantralaya, Mubai.
4. The Registrar, Maharashtra University of Health Sciences, Nashik, Maharashtra.
5. The Principal, Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Wanadongri Road, Hingana distt. Nagpur-441110,
6. Hindi Section with the request to provide the translated version in Hindi of the notification.
7. Notification folder


(Pradip Kumar Pal)

Under Secretary to the Government of India



महाराष्ट्र आरोग्य विज्ञान विद्यापीठ, नाशिक

Maharashtra University of Health Sciences, Nashik

(An ISO 9001:2008 Certified University)

वणी - दिंडोरी रोड, म्हास्रुळ, नाशिक - ४२२००४, Vani-Dindori Road, Mhasrul, Nashik- 422 004

EPABX: 0253-2539100-300, Fax - 0253-2539200, Phone: 0253-2539239

E-mail : pgacademic@muhs.ac.in Web.: www.muhs.ac.in

डॉ. काशिनाथ दा. गर्कळ

Dr.Kashinath D. Garkal

पीएच.डी.

Ph. D.

कुलसचिव

Registrar

Out No.: MUHS/PG/E-2/2506/1432/2016

Date: 31/05/2016

To

The Dean / Principal,

Swargiya Dadasaheb Kalmegh Smruti,

Dental College & Hospital,

Wanadongri Road, Hingna,

Dist. Nagpur - 441 110

Sub. : Continuation / Extension of Affiliation for Academic Year 2016-17.

(Issued under provision No. 11&12 of University Direction No. 05/2015)

Ref. : 1) Academic Council Meeting dtd. 15/03/2016 Resolution No. 15/2016.

2) University Letter No.MUHS/PG/E-2/2506/986/2016 dtd. 13/04/2016.

Sir/Madam,

With reference to above cited subject, I am directed to communicate that as per Academic Council Resolution No. 15/2016 dated 15/03/2016 and as per your proposal of Continuation of Affiliation &/ or Extension of Affiliation, the Academic Council unanimously resolved to grant Continuation of Affiliation & / Extension of Affiliation for Academic Year 2016-17 as per the provision u/s 68 and 65 (4) of MUHS Act 1998, for the Dental (Post Graduate) Courses of your College in the following subject(s) :

Sr. No.	PG Degree	Intake as per Council	Max. Seats Permitted as per Teacher : Student Ratio #
1	Prosthodontics and Crown & Bridge	03	03
2	Orthodontics and Dentofacial Orthopedics	03	03
3	Conservative Dentistry and Endodontics	03	03
4	Periodontology	03	03
5	Oral & Maxillofacial Surgery	03	03
6	Paedodontics and Preventive Dentistry	03	03 *
7	Oral Medicine and Radiology	03	03
8	Oral Pathology & Microbiology	03	03

The No. of seats may increase / Decrease as per availability of Recognized PG Teacher on or before the cut off date of admission. However, maximum up to sanctioned intake by Central Council.

* It indicates deficiency in the unit i.e. deficient No. of teachers in this particular subject. Permission is given subject to fulfillment of deficiency within one month from issuance of this letter.

If the deficiency is not fulfilled and its compliance report is not submitted to the University within prescribed period, the University will not confirm "Registration & Eligibility" to the excess student (s) and the college will be solely responsible for the consequences. University will verify the compliance report submitted by the college.

(P.T.O.)

1) The Continuation of Affiliation is subject to the following conditions compliance:-

- i) Grant of permission from Govt. of India, Dept. of AYUSH / Central Council / State Government (as applicable).
- ii) Fulfillment of the required teaching staff as per the Teacher: Student ratio prescribed by Dental Council of India / University norms.
- iii) Admission of students is subject to availability of Recognized PG Teachers. (on or before the cut off date of admission.)

2) The following deficiencies are to be complied:

A) Teaching Staff :-

Unit - wise teacher deficiency as shown in the table/ as intimated by the University.

B) Other Deficiency:

Nil.

You are instructed to do the needful & submit the compliance report within One months.

Thanking you.

(Note:- The College /Institute shall be solely responsible for any academic or pecuniary loss of any candidate admitted on and above the sectional Intake capacity of the concerned subject(s).)


Registrar

- Copy to :
1. The Additional Chief Secretary, Medical Education & Drugs Department, Mumbai.
 2. The Director, Directorate of Medical Education and Research, Mumbai.
 3. The Controller of Examination, Examination Section, MUHS, Nashik.
 4. The Asst. Registrar, Eligibility Section, MUHS, Nashik.

Abbreviations

AERB	Atomic Energy Regulatory Board
AMUPMDC	Association of Management of Unaided Private Medical & Dental Colleges
ATR	Action Taken Report
BDS/ UG	Bachelor of Dental Surgery/ Under Graduate
CCTV	Closed Circuit Television
CDE	Continuing Dental Education
CET	Common Entrance Test
CME	Continuing Medical Education
DCI	Dental Council of India
DEAR	Dental Education and Awareness Review
DeBT	Dentistry Beyond Time
DET	Dental Education and Technology Cell
DMER	Directorate of Medical Education and Research
ELCB	Earth Leakage Circuit Breaker
HOD	Head of The Department
I4C	Inter-Institutional Inclusive Innovations Center
ICC	Internal Complaints Committee
ICMR	Indian Council of Medical Research
ICT	Information and Communication Technology
IEC	Institutional Ethical Committee
IIT	Indian Institute of Technology
IPR	Intellectual Property Rights
IQAC	Internal Quality Assurance Cell
LAN	Local Area Network
LAQ	Long Answer Questions
LIT	Laxminarayan Institute of Technology
LLM	Local Language Marathi
LMC	Local Management Committee
LPG	Liquefied Petroleum Gas
LTRG	Long Term Research Grant
MBBS	Bachelor of Medicine and Bachelor of Surgery
MCQ	Multiple Choice Questions
MDS	Master of Dental Surgery
MDU	Mobile Dental Unit
MET	Medical Education Training

MSEB	Maharashtra State Electricity Board
MTA	Mineral Trioxide Aggregate
MUHS	Maharashtra University of Health Sciences, Nashik
NA	Not Applicable
NCC	National Cadet Corps
NEERI	National Environment Engineering and Research Institute, Nagpur
NEET	National Eligibility Cum Entrance Test
NRI	Non-Resident Indian
NSS	National Service Scheme
NT	Nomadic Tribe
OBC	Other Backward Classes
OMR	Optical Mark Recognition
OMS	Outside Maharashtra State
OPD	Out Patient Department
PBL	Problem Based Learning
PCT	Part Completion Tests
PG	Post-Graduate
PhD	Doctor of Philosophy
PNS	Pravesh Niyantran Samiti
READY	Rural Education and Awareness of Dentistry Yojana
RICH	Research & Innovation Committee for Healthcare
SAQ	Short Answer Questions
SAT	Student Assisted Teaching
SC	Scheduled Caste
SDL	Self-Directed Learning
SOP	Standard Operating Procedure
ST	Scheduled Tribe
STRG	Short Term Research Grant
UG	Undergraduate
VC	Vice Chancellor
VJ	Vimukta Jati
VNIT	Visveshwaraya National Institute of Technology, Nagpur

CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Planning, Design and Development

1.1.1 Does the institution have clearly stated goals and objectives for its educational program?

Yes. The institution has clearly stated goals and objectives for its educational program.

Mission:

Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital is committed to Quality Health Care Education to create Dental Professional who is globally competent, concerned, compassionate, consistent, and committed to research and health care of the society at affordable cost.

Vision:

- Reduce pain and increase hope.
- Dental Treatment at affordable cost for all.
- Satellite Dental Clinics for far-flung, inaccessible areas.
- To take dentistry to a global level.
- Mobile dental clinic with value added services of modern diagnostic procedures and preventive measures under the aegis of the trust.

Goals and Objectives:

- Cognitive, emotional and physical development of the student with an emphasis on social and civic responsibility.
- Promote innovation in oral healthcare education and research.
- Implementation of dental and public health practices of the highest global standard with a passion to care for the under-served.
- To develop a centre of excellence in dental education, research and oral healthcare.
- Provide adequate clinical training and experience to the students to enable them to render optimal oral healthcare.
- Attract and retain faculty and staff committed to the mission of the institute by providing them with the necessary resources, opportunities and support to stimulate their professional and personal development.
- Serve as a professional resource for private practitioners and a referral centre for patients with complex conditions and treatment needs.

1.1.2 How are the institutional goals and objectives reflected in the academic programs of the institution?

- Innovation in oral healthcare education and research is reflected in various innovative teaching methodologies like Interaction Module, Problem Based Learning, Chair Side Demonstrations, Simulations, Small Group Discussions, etc.
- Excellence in Dental Education is achieved through a well-designed teaching plan, student and faculty feedback, highly qualified and experienced faculty, research projects/ publications undertaken by students and faculty.
- The involvement in Public Oral Health is made sure through two programs – READY and DEAR Children by conducting regular dental health checkup and treatment camps in the region. Two satellite clinics run by the institute provide services to patients in nearby rural areas.
- Adequate clinical training is imparted to the students through demonstrative teaching, case-based learning, clinical postings, internship under the guidance of experienced faculty members. CDE programs also help the students to get introduced to recent trends in clinical practice.
- Research in the field of dental health care is given utmost importance by dissertation projects undertaken by all post graduate students under faculty guidance and submitted to the university before qualifying examination. Short-term research projects are assigned to under graduate and post graduate students. The faculty is also actively involved in various research projects in their respective fields.
- Research Innovation Committee for Health (RICH) - To encourage the high-quality research by faculty members, the Institute funds some of their research projects which are selected by the external experts. RICH organized ‘Research Day’ on 13th July 2016, where the faculty members presented their research proposals in front of selection committee including external experts.
- To give a boost to research, the college regularly publishes a peer reviewed journal – Archives of Dental Research, which is an official publication of our institute.
- Retention of the faculty is encouraged by funding of faculty research projects by institute & leaves for research work, conference, to attend Research Methodology / Teachers’ Training Workshops and organization of CDE programs to update their knowledge.

1.1.3 Does the institution follow a systematic process in the design, development and revision of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).

- The college is affiliated to the MUHS, Nashik and governed by DCI.
- The faculty members of various specialties are part of the Undergraduate (Clinical) and Postgraduate (Clinical) MUHS Board of Studies and participate in their respective meetings.

- The institution gives its suggestions to the university and the DCI on the revision of the curriculum periodically.
- Some of the important suggestions submitted by the institute, which were implemented by the University are as follows –

Suggestion	Outcome
Skill Development plan for Tobacco Cessation	Suggestion accepted as per MUHS Circular No. 1566 dated 30-04-15
Final BDS Semester pattern to be changed to Annual pattern	Suggestion accepted as per MUHS Circular No. 07/2017 dated 20-01-17
Digital Learning	Accepted in principle by Dr Arun Jamkar, Hon'ble Vice Chancellor, MUHS and is under consideration in MUHS

1.1.4 How does the curriculum design and development meet the following requirements?

Community needs

- Both undergraduate and postgraduate students are trained to develop cognitive skills by regular training to treat the community. Students and faculty members offer their free services at various community based programs.
- Camps and rallies are arranged on regular basis to educate and motivate the general public regarding various issues like importance of oral hygiene and ill effects of tobacco. Students and staff actively participate in anti-tobacco rallies, anti-addiction rallies, organ donation rallies to create public awareness.
- Check-up and treatment camps are organized and carried out on regular basis in rural areas Screening and treatment of children from school and colleges carried out through READY and DEAR Children.
- Adoption of villages and schools is done to provide dental care to the residents. The institute has adopted 3 villages – Surabardi, Bazargaon and Sangam. The institute offers free/concessional dental services to the residents as well as free to and fro vehicle service for dental treatment.
- Well-equipped 'Mobile Dental Van' is used to render dental care to the patients during camps in rural and urban areas.
- The institute runs and manages Satellite Dental Clinics at Hingna and Wadi which are easily accessible to the rural population.

Professional skills and competencies

- The curriculum is designed in such a way that the students are initially taught all the topics in basic sciences. This is followed by preclinical training followed by extensive clinical exposure.
- Throughout the undergraduate training, the teaching-learning programme comprises of a mix of lecture- and seminar-based theory, hands-on focused preclinical training, and problem- and case-based clinical mentoring. The

work and performance is continuously assessed and monitored by the teaching faculty.

- Additionally, the one-year compulsory rotating internship requires the students to experience all clinical streams of dentistry, it provides a platform for further enhancing one's competency in dental care.
- Through the DET Cell, seminars, guest lectures, webinars and workshops are arranged in the institution to enhance the professional skills of faculty and students.
- Lectures are organized on communication skills, practice management and ethical practices to enhance the competency of the student to be able to treat a patient independently and confidently after graduation.
- British Club – Conducts various activities to improvise English language of students coming from the vernacular medium. It helps to improve vocabulary, presentation skills and boost the self-confidence as well as helps in preparation for competitive exams and vocational courses.
- Dentistry Beyond Time (DeBT), the 'Evening Dental Clinic' module has been introduced to cater to the patients who cannot visit the institute during working hours. Everyday, one department (on rotation basis) is kept open till 7 p.m., wherein Postgraduate students and faculty members carry out treatment procedures.
- Representatives from the dental material manufacturing companies like ReDent Nova, 3M, GC, Dentsply visit the college to show-case their latest materials, techniques, their properties and handling, during hands on course. This brings about awareness of the latest dental materials/products in the market to the undergraduate and postgraduate students, making them competent.
- Undergraduate and postgraduate students are also encouraged to attend conferences, CDE programmes, hands-on courses, lectures at local (outside the institute), state, national and international level to make them more competent.

Research in thrust/ emerging areas

- As part of the curriculum, students enrolled in the Master of Dental Surgery program have to undertake and complete a research project i.e. a dissertation—in partial fulfillment of their Masters Degree. These dissertations are an important aspect of current scientific debate and discussion, as well as those that translate to benefit the patients in diagnosis and treatment.
- The students are encouraged to take up projects which focus on emerging trends in the profession, such as Oral Implants, Oral Cancer Biomarkers, Biomechanical Appliances, Forensic Odontology, Bioengineering, Biomaterials and Antimicrobial Properties of Herbal Products.

- various projects are being carried out in collaboration with other national institutes to take the help of facilities and expertise available, including Vishwesharayya National Institute of Technology (VNIT), National Environmental Engineering Research Institute (NEERI), Laxminarayan Institute of Technology (LIT), National Institute of Miners, Indian Institute of Technology (IIT).
- The undergraduate students are also actively involved in research activities via short-term studies and surveys.
- Moreover, faculty members also undertake research projects of their own which focus on research thrust areas of their speciality.
- Students and faculty members apply to various bodies for research grants like ICMR and MUHS.
- The institution also provides grants for the projects selected by Expert Committee under RICH.

Innovation

- The institute ensures that adequate stress is given on promoting innovation in the curriculum. This has been achieved through the partnership with ‘Inter-institutional Inclusive Innovations Centre (i4C)’. The institute is the only dental college in India to have partnership with ‘i4C’. i4C is a platform to proactively scout, showcase and handhold technology and innovations. It is a system to support innovations and innovators to make them market ready.
- Many students have innovated various cost-effective devices, materials or techniques and showcased them at conferences or through publication in journals. E.g. PG students of Department of Conservative Dentistry and Endodontics have prepared 4 cost-effective devices - MTA Carrier, Single Stroke Cleaning device, MTA pellet block and Contraster, which were widely appreciated.
- Some of them have also applied for the patent. E.g. MTA Carrier/ Delivery system (Patent no. 329/MUM/2013)
- Students from the Department of Periodontics have made a Mobile App called ‘PerioGeek’ on Android Play Store. This App aims to act as a solution to renew one’s intellect by providing up-to-date notes for immediate revision on various topics in Periodontics.
- Interaction Module - It is a sort of microteaching where teacher interacts with a small cluster of students to make them more competent and confident. Students of each year are divided into group of 10, with one student being the ‘Group Leader’. A faculty member called as ‘Group Teacher’ is given responsibility of monitoring academic progress and solving academic or non-academic problems of the students in the group. Interaction classes are allotted ‘1 hour’ time in daily time-table and are conducted by respective subject

teachers. The various activities carried out during these classes include 'Problem-Based Learning (PBL)', 'MCQs', 'Question paper solving', 'Discussion', 'Seminars', 'Viva preparation' and 'Quiz'.

- Quiz – Quiz competition is conducted three times in an academic year for students of every B.D.S. year. Four out of 10 students in a group participate in the competition. Out of 10 groups, 5 are selected through Preliminary Round to participate in Final Round. It consists of various rounds like 'Jumbled words', 'One word answer', 'True/ False', 'Pictorial Quiz' and 'Rapid Fire Round'. The questions not answered or answered wrong by participants are passed on the audience. The winner and runner-up team are given prizes. This activity improves the students' ability to solve MCQs and boosts their confidence levels.
- Dentistry Beyond Time (DeBT) 'Evening Dental Clinic' module has been introduced to cater to the needs of patients in the evening time.

Employability

- The various undergraduate and postgraduate programmes offered in the institute assure the employability of the students.
- The students are trained in specialty and comprehensive treatment, to ensure capability of individually handling the patient, which in turn helps them for self employment i.e. establishing clinical practice and consultancy services.
- Career guidance, entrepreneurship and practice management talks are regularly organized for undergraduates and postgraduates.

1.1.5 To what extent does the institution use the guidelines of the regulatory bodies for developing and/or restructuring the curricula? Has the institution been instrumental in leading any curricular reform which has created a national impact?

- Yes, the institution is affiliated and implements the curriculum designed by the Maharashtra University of Health Sciences (MUHS) and regulated by the Dental Council of India (DCI).
- Feedback on curriculum is obtained from the faculty during College Council Meetings and given to Local Inspection Committee (LIC) of MUHS at the time of yearly Inspection. Some of the suggestions submitted by the institute have also been implemented by the University.

1.1.6 Does the institution interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the institution benefitted through interactions with the stakeholders?

Yes. The college interacts with the industry, research bodies, and civil societies in the curriculum revision process. The institute has conducted Continuing Dental Education (CDE) programs in collaboration with industries such as Colgate-

Palmolive, Brassler. The institute also encourages students and faculty to take up research projects in collaboration with industries and other research funding agencies.

1.1.7 How are the global trends in health science education reflected in the curriculum?

- The students and faculty members are encouraged to attend scientific programs like CDE, webinars and conferences, both at the national and international level to keep in tune with global trends.
- In addition to this, the institute also arranges CDE programs which provides advanced knowledge and updates the students and faculty with recent advances in dentistry. National and International renowned speakers, who are experts in the field, are invited for such programs. For example, 'Dr Zvi Metzger' from Israel was invited in December 2014 for Lecture and Workshop on 'Self Adjusting Files'.
- The recent trends and concepts in dentistry are considered during periodic revision of the curriculum by MUHS. Board of Studies ensures that such updates are included in the curriculum.
- The institute emphasizes teachers training and some of the faculty members of the institute have completed Basic Course in Health Sciences Education Technology. Few senior faculty members have also completed the advanced course in Health Sciences Education Technology conducted by MUHS.
- The institute also ensures that all the postgraduate students complete the Basic workshop in Research Methodology which is organized in collaboration with MUHS.

1.1.8 Give details of how the institution facilitates the introduction of new programs of studies in its affiliated colleges.

- The Institution is affiliated to Maharashtra University of Health Sciences Nashik and is regulated by the Dental Council of India.
- The institution has introduced Postgraduate Degree Program in 8 specialties and are recognized by DCI.

Sr. no.	Program	Year of commencement	Year of Approval
1.	MDS Conservative Dentistry and Endodontics	2011	2014
2.	MDS Prosthodontics	2011	2014
3.	MDS Periodontics	2011	2014
4.	MDS Oral and Maxillofacial Surgery	2012	2015
5.	MDS Orthodontics and Dentofacial Orthopaedics	2012	2015
6.	MDS Oral Pathology and Microbiology	2012	2015

7.	MDS Oral Medicine and Radiology	2012	2015
8.	MDS Pedodontics & Preventive Dentistry	2013	2016

1.1.9 Does the institution provide additional skill-oriented programs relevant to regional needs?

- Yes. In addition to subject knowledge, attention is given to additional skill development like computer skills, language, communication, oral and written presentation skills in seminar and assignments.
- Local Language Marathi (LLM) Club – Marathi lecture classes are organized on weekly basis for the students from other states to help them communicate with patients and people in the regional/local language.
- British Club – Conducts various activities to improve English language of students coming from the vernacular medium in order to improve vocabulary, presentation skills and self-confidence as well as helps in preparation for competitive exams and vocational courses.

1.1.10 Explain the initiatives of the institution in the following areas:

Behavioral and Social Science.

- The aim of teaching behavioural and social sciences to the undergraduate students is to impart such knowledge and skills that may enable her/him to apply principles of behaviour for all-round development of their personality, as well as use them in various therapeutic situations in dentistry.
- Recognizing this, the college invites a Psychiatrist who takes didactic sessions for students.
- V4U - The consultant faculty also supports the students through dedicated counselling, as required.
- Stress management and spiritual lecture programs are regularly conducted.
- Yoga day is celebrated on International Yoga Day every year.
- Anti-ragging workshops are regularly conducted to make students aware about the ill-effects of ragging, responsibilities of students and laws regarding the ragging.

Medical Ethics / Bio Ethics / Nursing Ethics.

- An Institutional Ethical Committee (IEC) has been formed as per the guidelines of ICMR to grant permission to the research projects after diligent consideration. The IEC also monitors and oversees all institutional research projects.
- The importance of ethical dental practice is a part of prescribed undergraduate curriculum and covered under Public Health Dentistry. The Do's and Don'ts constituting ethical practice as recommended by the DCI are highlighted and implemented during undergraduate training.

- A lecture on 'Bioethics' was delivered by Dr. Arun Jamkar, Hon'ble Vice-Chancellor, MUHS, Nashik on 31-07-2015, which was attended by students and faculty members.

Practice Management towards curriculum and/or services.

- In classroom teaching, stress is laid upon doctor-patient relationship, medical and dental negligence, informed consent, termination of services, dental malpractice and legalities involved in rendering the services as an oral health expert in medico-legal cases.
- Also, lectures are delivered by external experts on advances useful in practice management, facilitating students' awareness on a range of issues concerning contemporary dental practice.
- In addition, practical lessons in Practice Management are given to the students during their clinical postings in Third and Final BDS through demonstrations and observation.
- Internship provides greater exposure of students towards Practice Management. The students are continuously monitored and assessed by faculty members.
- Dentistry Beyond Time (DeBT) 'Evening Dental Clinic' module helps the students for practice management in private dental clinic.

Orientation to research.

The college considers research as an integral part of academics and believes research initiatives must, ultimately, benefit the community. RICH strives to achieve this through -

- PG students and faculty regularly attend the workshops conducted on Research Methodology and Biostatistics in collaboration with MUHS.
- UG students are encouraged to take up short-term research projects, which are sent to MUHS for research grant.
- PG students are also encouraged to take up research projects apart from their dissertations.
- Students are encouraged to participate in Research Competitions like 'AVISHKAR' conducted by MUHS.
- The college provides access to scientific literature through both on-line data base and journals (like EbscoHost) to ensure updates on research and stimulate ideas.
- To promote research and publication the college publishes a scientific journal called 'Archives of Dental Research' on a bi-annual basis. The journal invites articles from other institutions as well.

Rehabilitation.

- The college has several initiatives in rehabilitation of patients and students— both of which can take different forms.
- The institute conducts additional/ remedial classes for the benefit of the potential learners to improve their knowledge and overcome the difficulties.
- A group of 10 UG students has been allotted a ‘Group Teacher’, who personally monitors and assesses the students’ academic progress and attendance. He/ she is available to the students to solve their academic or personal problems. He/ she encourages the students to excel in academics and overall development of the student. He/ she contacts the parents or guardians of the students if required.
- Every batch of students (First/ Second/ Third/ Final B.D.S.) has been allotted a ‘Mentor’, who also monitors and assesses all students’ academic progress and attendance.
- The students also approach the Counselling Cell established in the institute or the mentor, in case of any problems - personal or academic.
- Esthetic and functional rehabilitation of patients is carried out through fabrication of various prostheses like –
 - Obturators for orofacial defects
 - Ocular prosthesis
 - Nasal prosthesis
 - Ear prosthesis
 - Full mouth rehabilitation

Ancient scriptural practices.

The institute conducts lectures on mental and spiritual well-being in collaboration with the Art of Living Foundation. Yoga, Pranayama and Meditation programs are conducted on the regular basis in the institution.

Health Economics.

Patients are treated free of cost or at subsidized charges. Dental camps are organized in the rural areas where there is lack of adequate oral health care. Patients referred from the camps and satellite clinics are offered treatment at concessional rates.

Medico legal issues.

The students and faculty members are trained to handle medico legal issues, a consequence of negligence and malpractice, areas pertaining to medico legal issues as related to dentistry are covered under lectures on Forensic Odontology (III and IV BDS). In addition, the Department of Oral Pathology and Microbiology routinely deals with the cases concerning age estimation, bite mark investigation, dental injury/disability claims and postmortem sex identification.

Enhancement of quality of services and consumer satisfaction.

- ‘Help Desk’ has been provided at the entrance to help, direct and assist patients. Interns are present at the Help desk to solve the problems of the patients.
- At departmental level, one intern daily is allotted the duty of ‘Patient Grievances’, who monitors if patients are facing any problem and resolves them. He checks whether the patient’s clinical work has been satisfactorily completed or not.
- ‘Handicapped Patient Module’ has been developed to help the handicapped patients. They are treated at the Department of Oral Medicine and Radiology on ground floor. One faculty member from each department is made in-charge of the module.
- Dentistry Beyond Time (DeBT) ‘Evening Dental Clinic’ module has been introduced to cater to the patients who cannot visit the institute in working hours. Every day, one department (on rotation basis) is kept open till 7 p.m., wherein PG students and faculty members carry out treatment procedures.
- The HOD and faculty members ensure that the patient’s care is taken effectively and efficiently. Every department has prominently displayed the names of the Head of the Department (HOD) and faculty members. Through this transparent system the patient can easily approach the faculty members in case of any grievance.
- The institute has also a museum in which educational models and posters are displayed for the knowledge of patients and students.
- Regular feedback obtained from the patients also helps to improve the services provided to them. This is achieved through patient feedback forms as well as complaint/suggestion boxes and registers which are regularly maintained, reviewed and acted upon for remedial measures.

1.1.11 How does the institution ensure that evidence based medicine and clinical practice guidelines are adopted to guide patient care wherever possible?

The concept of ‘Evidence-Based Dentistry’ requires updating oneself with the latest research or literature-based evidence on recent trends and the effectiveness of various treatment modalities.

The faculty members of the institute are updated with current concepts through access to scientific literature and personal research experience, and the same is applied in clinical practice and patient care.

Overall, the clinical practice guidelines are competently adopted from the prescribed curricula and supplemented by faculty members’ continual scientific updates. Essentially, the validity of dental diagnosis, treatment planning and therapy is based on critically reviewed and updated evidence in the literature.

The treatment plan of each patient is approved by the faculty before the student commences treatment and the faculty ensures that it is 'evidence-based'.

Routinely, Journal Club is conducted, wherein the postgraduate student presents and discusses a recent paper on an important topic.

Case discussions also help to update the knowledge of students and practice evidence-based dentistry.

1.1.12 What are the newly introduced value added programs and how are they related to the internship programs?

The institution has introduced various value- added programs as a part of the internship program. Some of them include:

- Bridge Course for Interns.
- Orientation Lectures for Interns.
- Continuing Dental Education programs and hands-on workshops routinely conducted by various departments.
- Scientific paper and poster presentation at national- and state- level conferences.
- Postings at various satellite centres.
- Dentistry Beyond Time (DeBT).

1.1.13 How does the institution contribute to the development of integrated learning methods and Integrated Health Care Management?

Vertical and horizontal integration of subjects taught.

Integration of subjects taught with their clinical application.

Theoretical teaching is coupled with clinical case discussion/treatment planning and patient care delivery mechanisms.

Integration of different systems of health care (Ayurveda, Yoga, Unani, Homeopathy, etc.) in the teaching hospital.

Ayurveda, an alternative system of health care, has been found to be of potential of use in management of certain oral conditions. Hence, various departments are conducting research projects to evaluate the properties of various herbal or natural products and their potential use in dentistry. 10 such projects were undertaken, some of which have been completed. Some research outcomes have also been brought to use by the dentists.

Use of herbal or natural products like tulsi, turmeric, curcumin and honey are being practised for treatment of certain oral diseases.

1.1.14 How is compatibility of programs with goals and objectives achieved with particular reference to priority of interface between Public Health, Medical Practice and Medical Education?

The activities outlined below are in line with and are integrated to the policies of Public Health Dentistry to integrate medical education and practice with public health.

- DEAR Children - School Dental Health Programs for screening and providing oral healthcare
- READY – Oral and Dental Health Check-up and Treatment Camps, adoption of villages, oral cancer and pre-cancerous lesions screening camps

Students and faculty members actively participate in various social awareness programs. The following days are observed by the institution and awareness is created among the public about these aspects -

- AIDS awareness Day.
- Anti-tobacco Day.
- Oral Hygiene Day.
- Organ Donation Day.

1.2 Academic Flexibility

1.2.1 Furnish the inventory for the following:

Programs offered on campus

The programmes offered on-campus include the Bachelor of Dental Surgery (BDS) and the Master of Dental Surgery (MDS) in 8 specialties.

Overseas programs offered on campus –No any

Programs available for colleges/students to choose from

Options are not available for BDS (Bachelor of Dental Surgery), however; eight programs are available for MDS (Master of Dental Surgery) course –

1. Conservative Dentistry and Endodontics
2. Oral and Maxillofacial Surgery
3. Orthodontics and Dentofacial Orthopaedics
4. Prosthodontics
5. Oral Pathology and Microbiology
6. Periodontics
7. Oral Medicine and Radiology
8. Pedodontics & Preventive Dentistry

1.2.2 Give details on the following provisions with reference to academic flexibility

a. Core options

The dental curriculum of the BDS and MDS courses are ‘core’ options as such—the competency-based curriculum prescribed by the DCI is comprehensive and exhaustive. The curriculum includes those aspects of dentistry which the student must know and should know; while there is minimal scope for flexibility in the ‘must know’ areas, there is some scope for flexibility in the ‘should know’ areas.

b. Elective options

Undergraduate students have the option to be part of research projects under the guidance of faculty members in diverse departments. Usually, a group of 3–6 undergraduate students undertake such projects under faculty guidance, although on occasion a single undergraduate student may also pursue a project.

c. Bridge course –For Interns

d. Enrichment courses

Enrichment courses in the following subjects:

e. Credit accumulation and transfer facility

While no provision exists for credit accumulation, inter-institutional transfer of students is permitted under rules laid down by the state government and the MUHS.

f. Courses offered in modular form

Each MDS specialty has its syllabus module prescribed by DCI and MUHS for the particular subject.

g. Lateral and vertical mobility within and across programs, courses and disciplines and between higher education institutions

The BDS and MDS curriculum laid down by the DCI showcases the minimum requirement for graduating as a dentist and dental specialist, respectively. Hence there is little flexibility in these courses for the students to move from one discipline to another or vertical mobility within a program. Attempts are on to make lateral mobility feasible through proposed interdisciplinary learning like aesthetic dentistry program by involving specialties of Periodontics, Prosthodontics, Orthodontics and Conservative Dentistry. The comprehensive implant dentistry program involving the specialties of Periodontics, Prosthodontics and Oral and Maxillofacial surgery departments is also proposed.

h. Twinning programs – None

i. Dual degree programmes

No dual degree programmes are offered by the college since such an option is neither sanctioned by the DCI, nor available with the affiliating university.

1.2.3 Does the institution have an explicit policy and strategy for attracting students from other states,

- Student admission is only partly under the college purview. For BDS, 85% of the admissions are done through entrance examination conducted by National Eligibility-Cum-Entrance Test (NEET) and 15 % admissions are done under NRI quota. Similarly for MDS admission 85% are done through entrance examination conducted by NEET and remaining 15% is through Non-Residential Indian (NRI) quota. Brochures for the same are made available on website and on enquiry.
- The institute's website provides all the details regarding courses available, faculty, facilities, admission procedure, and activities. Furthermore, the college activities—such as conferences, workshops, cultural events to cases—are regularly covered by the media, both in print and electronic versions. These provide continual information on the college and its workings.

Socially and financially backward sections,

- Student selection is only partly under the purview of the college; however, through the government's policy on reservation, students from socially and financially backward sections of the society get the opportunity to gain admission to the college—both at an undergraduate and postgraduate level.
- Students from socially and financially backward sections of the society are benefited through Social Welfare Department of Maharashtra State Government for the fees.
- The institute allows the students to pay fees in installments. The institute provides assistance to the students for educational loans through tie-ups with nationalized banks like Panjab National Bank (PNB) and Canara Bank.
- MUHS has 5 different schemes for the benefit of socially and financially backward students –
 - Earn and Learn Scheme
 - Savitribai Phule Scholarship
 - Dhanvantari Vidyadhan Yojna
 - Sanjeevani Vidyarthi Accident Insurance.
 - Book Bank.

International students?

15% of the admissions are done under NRI quota on the basis of their performance in qualifying examinations (NEET). These admissions are also done through advertisements in various regional and national newspapers, electronic media and college website. Information regarding admission procedures is provided via email to interested candidates.

1.2.4 Does the institution offer self-financing programs? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programs?

- Yes. Presently all the programs are self-financing programs and the guidelines of the State admission committee (including fee structure for private unaided dental colleges), MUHS and DCI are followed for the admission process to all courses.
- The fee structure is determined and revised on regular basis by the regulating body formed by Government of Maharashtra 'Shikshan Shulka Samiti'. The Government reimburses educational expenses such as fees to students belonging to the reservation categories.
- The teacher qualification is based on the guidelines of the DCI and MUHS. The University provides approval to the teachers appointed by the institute through the interviews by MUHS Panel of experts. The salaries of teachers are as per the DCI recommendations.

1.2.5 Has the institution adopted the Choice Based Credit System (CBCS) / credit based system? If yes, for how many programs? What efforts have been made by the institution to encourage the introduction of CBCS in its affiliated colleges?

A system such as the Choice Based Credit System (CBCS), which offers wide ranging choice for students to opt for courses based on their aptitude and their career goals, perhaps has limited scope of application in dentistry considering that the BDS and MDS curriculum adhere to DCI minimum regulations.

1.2.6 What percentage of programs offered by the institution follow:

Annual system

Semester system

Trimester system

The conventional Bachelors and Masters Programs (BDS and MDS) offered by the college follow an 'Annual' system as per the norms of MUHS. Final B.D.S. is based on 'Semester pattern'. Annual pattern will be followed for Final BDS from academic session 2017-18 (Summer 2018) as per MUHS Circular dated 20/01/17.

1.2.7 How does the institution promote multi/inter-disciplinary programs? Name a few programs and comment on their outcome.

As a part of the multi/inter-disciplinary programs the institute conducts interdisciplinary case discussions and meetings on a regular basis, wherein the postgraduate students present cases which have been treated with a multi-disciplinary approach. Such meetings contribute to better understanding and comprehensive patient care.

- Students are posted in different departments to enrich their knowledge and outcome of the treatment.
- In Public Health Dentistry department the students are encouraged to carry out inter disciplinary discussion and treatment modalities.

- Postgraduate students carry out the interdisciplinary research projects.

1.2.8 What programs are offered for practicing health professionals for skills training and career advancement?

The institution regularly organizes CDEs in consultation with DET Cell of the Institute for practicing oral healthcare professionals. The topics addressed include:

- Tobacco Cessation
- Oral Precancer & cancer lesions
- Basic Life Support.
- Cardio Pulmonary Cardiac Resuscitation.
- Rotary Endodontics.

1.3 Curriculum Enrichment

1.3.1 How often is the curriculum of the institution reviewed and upgraded for making it socially relevant and/or skill oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

The college has a limited role in development of the curriculum as well as in its revisions, although faculty members and the Dean provide feedback from time to time to the DCI and MUHS.

It is the prerogative of the DCI and MUHS to formulate the changes and upgrade the curriculum, which it does as and when required. Such changes are in tune with recent trends and updates, social relevance, practical skills, and are intense knowledge-wise, meeting the emerging needs of students and other stakeholders.

1.3.2 During the last four years, how many new programs were introduced at the UG and PG levels? Give details.

multi/inter-disciplinary

The institution has started the MDS programs in the following specialities:

Sr. no.	Program	Year of commencement	Year of Approval
1.	MDS Oral and Maxillofacial Surgery	2012	2015
2.	MDS Orthodontics and Dentofacial Orthopaedics	2012	2015
3.	MDS Oral Pathology and Microbiology	2012	2015
4.	MDS Oral Medicine and Radiology	2012	2015
5.	MDS Pedodontics and Preventive Dentistry	2013	2016

programs in emerging areas

Considering the importance of the emerging trends, the institute has organized various CDE programs and Hands-On training programs such as Maxillofacial Prosthesis, Self Adjusting File System, Oral Implantology and Periodontal Surgeries, Training in CBCT.

1.3.3 What are the strategies adopted for the revision of the existing programs? What percentage of courses underwent a syllabus revision?

- The programs conducted in affiliated colleges of MUHS are revised periodically based on current and emerging concepts in the field of dentistry as per the rules of MUHS and guidelines of DCI.
- The syllabus has undergone revision in different forms as follows –
- Dental Anatomy and Oral Histology subject examination earlier conducted in second year is now held in first year.
- Oral Pathology and Microbiology curriculum now starts in second year instead of third year and exam is conducted at the end of third year.
- The Dental Material Science examination has been shifted from first year to second year.
- Public Health Dentistry has been shifted from third year to final year first term. The final year has been divided into two semesters and university examination is conducted at the end of first and second term for four subjects each.
- The duration of Public Health Dentistry posting for interns has been increased to three months inclusive of one month of compulsory rural posting.
- From the academic year 2014-15, five marks have been allotted for communication skills. Tooth preparation exercise has been added for twenty marks in Preclinical Prosthodontics Second BDS examination. Inlay exercise has been added for Second BDS Preclinical Conservative Dentistry examination.
- Annual pattern will be followed for Final BDS from academic session 2017-18 (Summer 2018) as per MUHS Circular dated 20/01/17.

1.3.4 What are the value-added courses offered by the institution and how does the institution ensure that all students have access to them?

- The Institution offers value-added courses as mentioned in 1.2.8
- The institution ensures the access to the students through on time advertising, brochures, pamphlets and by putting the information on the institution website.

1.3.5 Has the institution introduced skills development programs in consonance with the national health programs?

Yes, the institution conducts various programs in consonance with the national health programs such as –

- Tobacco Intervention Program in consonance with World Anti-Tobacco Day,
- Oral Cancer Screening and Awareness Program,

- Organ Donation Program

1.3.6 How does the institution incorporate the aspects of overall personality development addressing physical, mental, emotional and spiritual well being of the student?

- The personality development, and spoken English language lectures are also arranged for the benefit of the students.
- The institute has designed the principles of '12 C's to be followed by the students in order to make them globally competent, which is a part of 'Mission', of the institute.
- The campus has a gymnasium as well as facilities for indoor and outdoor sports/ games.
- Yoga training is imparted one day a week.
- An annual talk is organized for spiritual enlightenment by the experts.
- Institution believes in overall development of student and organizes the annual fest, where they show case their talent in dramatics, singing, dancing, sports, crafts, etc.
- Lectures on stress management are conducted.
- Celebration of National days like 26th January, 15th August, World No Tobacco Day and Peace Day, promotes the feeling of duty, responsibility.

1.3.7 Does the curriculum provide for adequate emphasis on patient safety, confidentiality, rights and education?

- The curriculum gives adequate emphasis on patient safety, confidentiality, rights and education.
- Lectures are arranged on ethics and behavioural sciences for undergraduate and postgraduate students.
- Before any treatment is administered a written informed consent is obtained from every patient by the operator.
- Utmost care is taken and a standardized protocol is followed in all the departments for the sterilization of the instruments and equipments, for the safety of patients.
- The confidentiality about the patients' diagnosis is maintained and the case records are stored in central registry, the access to which is restricted.
- Help Desks are arranged at strategic locations for the benefit of the patients.
- Furthermore educational materials like posters, models, charts are displayed for the patient regarding dental and oral health problems and the treatment available.
- The students are made familiar with all these programs.

1.3.8 Does the curriculum cover additional value systems?

The curriculum covers additional value topics such as ethics and behavioural science. The institution has a strict anti-ragging policy, Women's Grievance Cell, Students Counselling Cell, Code of Conduct for the students and faculty members.

1.4 Feedback System

1.4.1 Does the institution have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

The faculty members interact with and take feedback from the students regarding the curriculum in 'Student Council' meetings.

The college has a limited role in development of the curriculum as well as in its revisions, although faculty members and the Dean provide feedback from time to time to the DCI and MUHS.

1.4.2 Does the institution elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods such as conducting webinars, workshops, online discussions, etc. and their impact.

Yes, the institution elicits feedback on curriculum from national and international faculty visiting the institution. Such feedback also includes experiences of other institutions on their curriculum.

1.4.3 Specify the mechanism through which affiliated institutions give feedback on curriculum and the extent to which it is made use of.

- The Institution is affiliated and implements the curriculum designed by the MUHS.
- The college has a limited role in development of the curriculum as well as in its revisions, although faculty members and the Dean provide feedback from time to time to the DCI and MUHS.
- Feedback on curriculum is obtained from the faculty during College Council Meetings and given to Local Inspection Committee (LIC) of MUHS at the time of yearly Inspection. Some of the suggestions submitted by the institute have also been implemented by the University.

1.4.4 Based on feedback, what are the quality sustenance and quality enhancement measures undertaken by the institution in ensuring the effective development of the curricula?

Feedback on curriculum is obtained from the faculty during College Council Meetings and given to Local Inspection Committee (LIC) of MUHS at the time of yearly Inspection. Some of the suggestions submitted by the institute have also been implemented by the University.

1.4.5 What mechanisms are adopted by the management of the institution to obtain adequate information and feedback from faculty, students, patients, parents, industry, hospitals, general public, employers, alumni and interns, etc. and review the activities of the institution?

The management of the institution obtains adequate information through 'Monthly Report', submitted by Head of the Department to Dean in form of at the end of each month, which contains –

- Faculty member details
- Attendance Report - Teaching faculty members
- Attendance Report - Non -Teaching Staff
- Assessment of Teaching faculty members
- Assessment of Non- Teaching Staff
- Student's Attendance
- Post Graduate Teaching Activities
- OPD
- Sweeping Dusting Report
- Articles submitted to the Journals
- Progress of Research Projects
- Sterilization/ Disinfection and Hygiene Maintenance Report
- Equipment Maintenance Report
- HOD Fund Report

The management of the institution obtains feedback and reviews the activities of the institution through regular meetings with following committees/ bodies:

- Attendance Committee
- Interaction Committee
- Clinical Forum
- Anti-ragging Committee
- British Club
- Infrastructure Committee
- Student Council
- Library Committee
- Interns' Committee
- Examination Committee
- Part Completion Test (PCT) Committee
- Material Management Committee
- Time-table Committee
- Canteen Committee
- Interaction with students and parents

Any other information regarding Research, Consultancy and Extension, which the institution would like to include.

Institution has purchased Piezo-electric surgical unit which is mainly useful to carryout procedures like Wilckodontics so as to accelerate the orthodontic treatment of mal-aligned teeth. This is basically useful for accelerated Orthodontic treatment.

CRITERION II: TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 How does the institution ensure publicity and transparency in the admission process?

- Transparency is ensured during the admission process to the Undergraduate and Postgraduate Programs in the institution. The entire admission process was controlled by the Association of Management of Unaided Private Medical & Dental Colleges (AMUPMDC) till the academic year 2015-16, which was the competent authority for arranging Common Entrance Test (CET) and admitting students in Private Medical & Dental Colleges till then.
- **From the Academic Year 2016-2017, the UG admissions are done through NATIONAL ELIGIBILITY CUM ENTRANCE TEST (UG) conducted** by the Central Board of Secondary Education, Delhi for admission to MBBS/BDS Courses in Medical/Dental Colleges run with the approval of Medical Council of India/Dental Council of India under the Union Ministry of Health and Family Welfare, Government of India.

2.1.2 Explain in detail the process of admission put in place by the institution. List the criteria for admission: (e.g.: (i) merit, (ii) merit with entrance test, (iii) merit, entrance test, aptitude and interview, (iv) common entrance test conducted by state agencies and national agencies (v) any other criteria (specify).

- Till the academic year 2015-16, the student's admission to BDS/ MDS course was done through a single Associate CET conducted by the AMUPMDC of Maharashtra state.
- The I, II and III round admissions for BDS/ MDS were done in accordance to the merit list published by the AMUPMDC based on the performance of candidates in the CET held by the AMUPMDC Maharashtra and the preference submitted by the candidate.
- The order of preference includes the choice of the college as indicated by the students in the preference form for BDS, and the choice of the specialty and college as indicated by the students in the preference form for students seeking admission to MDS. The seats vacant after the III round were filled as per the directions of AMUPMDC and Pravesh Niyantaran Samiti.
- **From Academic Year 2016-2017 the UG admissions are done through NATIONAL ELIGIBILITY CUM ENTRANCE TEST (UG)**

NATIONAL ELIGIBILITY CUM ENTRANCE TEST (UG)

As per regulations framed under the Indian Medical Council Act-1956 as amended in 2016 and the Dentists Act-1948 as amended in 2016, NATIONAL ELIGIBILITY CUM ENTRANCE TEST (UG) – 2017 (NEET-UG-2017) will be

conducted by the Central Board of Secondary Education (CBSE), for admission to MBBS/BDS Courses in India in Medical/Dental Colleges run with the approval of Medical Council of India/Dental Council of India under the Union Ministry of Health and Family Welfare, Government of India except for the institutions established through an Act of Parliament i.e. AIIMS and JIPMER Puducherry. Following is stated in the regulations:-

- a. There shall be a single eligibility cum entrance examination namely 'National Eligibility-cum-Entrance Test for admission to MBBS/BDS courses' in each academic year.
- b. In order to be eligible for admission to MBBS/BDS Courses for a particular academic year, it shall be necessary for a candidate to obtain minimum marks in 'National Eligibility-cum-Entrance Test' held for the said academic year besides obtaining minimum prescribed marks at the qualifying examination.
- c. The reservation of seats in Medical/Dental colleges for respective categories shall be as per applicable laws prevailing in States/Union Territories. An all India merit list of the eligible candidates shall be prepared on the basis of the marks obtained in National Eligibility-cum-Entrance Test for admission in MBBS/BDS courses from the said lists only.
- d. No candidate who has failed to obtain the minimum eligibility marks as prescribed by the Medical Council of India/Dental Council of India shall be admitted to MBBS/BDS Courses in the said academic year.
- e. All admissions to MBBS/BDS courses within the respective categories shall be based solely on marks obtained in the National Eligibility-cum-Entrance Test.
- f. The Central Board of Secondary Education shall be the organization to conduct National Eligibility-cum- Entrance Test for admission to MBBS/BDS courses.

Accordingly, the Central Board of Secondary Education will be conducting the National Eligibility Cum Entrance Test for admission to MBBS/BDS Courses.

The responsibility of CBSE is limited to the conduct of the entrance test, declaration of result and providing All India Rank to the Directorate General of Health Services, New Delhi for counselling of 15% All India Quota Seats and providing the result to the State Counselling Authorities and Admitting Institutions.

- The Counselling for successful candidates under 15% All India Quota seats is conducted by the MCC/ DGHS. The counselling for admission in seats under the control of other States/Universities/Institutions shall be conducted as per the notifications issued separately by the authorities concerned.

- During counselling, the eligibility criteria, self-declaration, various documents, etc. of the eligible candidates shall be verified as per norms specified by the respective authorities and Medical/Dental Colleges.

Admissions to all seats of MBBS/BDS courses will be done through NATIONAL ELIGIBILITY CUM ENTRANCE TEST (UG), 2017. The seats are classified in the following categories :- (i) All India Quota Seats (ii) State Government Quota Seats (iii) State/Private/Management/NRI Quota Seats in all Private Medical / Dental Colleges or any Private/ Deemed University (iv) Central Pool Quota Se

ADMISSION AND RESERVATION

An All India merit list of the qualified candidates shall be prepared on the basis of the marks obtained in the NATIONAL ELIGIBILITY CUM ENTRANCE TEST (UG) and candidates shall be admitted to MBBS/BDS courses from the said list only by following the already existing reservation policy. CBSE will provide All India Rank. Admitting Authorities will invite applications for counselling and merit list shall be drawn based on All India Rank by the Admitting Authorities.

Admission to MBBS/BDS Courses within the respective categories shall be based solely on marks obtained in the National Eligibility Cum Entrance Test.

(a) RESERVATION OF SEATS IN GOVERNMENT MEDICAL COLLEGES UNDER 15% ALL INDIA QUOTA:

- 15% seats are reserved for SC candidates,
- 7.5% seats are reserved for ST candidates,
- 27% seats as per Central Act are reserved for **non-creamy layer OBC** candidates only in Central Educational Institutions. Reservation would be applicable to the castes mentioned in the Central list of OBC. Thus, the candidates falling in this list may mention OBC-NCL in the Category Column in application form. **Candidates from creamy layer and those who do not come under Central List of OBC are advised to mention their category as Unreserved (UR).**
- Differently abled candidates as per MCI guidelines are: PH-1: Candidates with locomotor disability of lower limbs from 50% to 70% PH-2: Candidates with locomotor disability of lower limbs from 40% to less than 50% 3% seats are reserved on horizontal basis for Physically Handicapped candidates (only for locomotor disabilities of lower limbs between 50% to 70%, provided that in case any seat in this 3% quota remains unfilled on account of unavailability of candidates with locomotor disability of lower limbs between 50% to 70% then any such unfilled seat in this 3% quota shall be filled up by persons with locomotor disability of lower limbs between 40% to 50% before they are included in the seats of respective category, as per Certificate of Locomotor Disability) in 15% All India UG quota seat. Detailed

information in this regard is available on the **website of Medical Counselling Committee – www.mcc.nic.in** and on website of the Ministry of Health and Family Welfare – www.mohfw.nic.in. Candidates who consider themselves eligible for this category are advised to ensure their eligibility by getting themselves examined at any Government Medical College/District Hospital/Government Hospital. However, candidates may kindly note that in case of selection under PH category, they will be required to produce Disability Certificate from one of the disability assessment boards, constituted at the four metro cities, mentioned below, before their scheduled date of counselling:

- a) **Vardhman Mahavir Medical College and Safdarjung Hospital**, Ansari Nagar, Ring Road, New Delhi-110029 (Tel No.011-26190763 & 26163072)
 - b) **All India Institute of Physical Medicine and Rehabilitation**, Hazi Ali Park, K. Khadya Marg, Mahalaxmi, Mumbai-400034 (Tel No.022-23544341)
 - c) **Institute of Post Graduate Medical Education & Research**, 244, Acharya J.C. Bose Marg, Kolkata-20 (Tel No.033-22235181)
 - d) **Madras Medical College**, Park Town, Chennai-600003 (Tel No.044-25305301) (v) Reservation will be made as per 2200 point reservation roster. The mode of implementation of reservation will be available on DGHS website-www.mohfw.nic.in.
- (b) **ADMISSION IN STATE MEDICAL COLLEGES/ UNIVERSITIES/ INSTITUTIONS/ AFMC/ PRIVATE MEDICAL COLLEGES FOR SEATS OTHER THAN 15% ALL INDIA QUOTA.**
- (i) Admission under State Quota Seats shall be subject to reservation policy and eligibility criteria prevailing in the State/Union Territory as notified by the respective State/Union Territory from time to time.
 - (ii) The reservation of the seats in medical colleges for respective categories shall be as per applicable laws prevailing in State/Union Territory concerned.
 - (iii) Admission to MBBS/BDS Courses in Private Medical Colleges shall be subject to policies of the Government of India/State/Union Territory.

2.1.3 Provide details of admission process in the affiliated colleges and the university's role in monitoring the same.

- Institution is affiliated to Maharashtra University of Health Sciences, Nashik
- The details of students admitted within a stipulated period of time are sent to Pravesh Niyamtran Samiti and MUHS, Nashik. The University then issues the Eligibility Certificate to the admitted students after verifying their documents in coordination with Pravesh Niyamtran Samiti.

2.1.4 Does the institution have a mechanism to review its admission process

and student profile annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

- The admission procedure for Undergraduate students was governed by AMUPMDC Maharashtra till the academic year 2015-16 and from the academic year 2016-17 onwards by National Eligibility cum Entrance Test based on their scores in the entrance test. The role of Institution is to complete the admission process by admitting the students who have been allotted by AMUPMDC till the academic year 2015-16 and from academic year 2016-17 through NEET and DMER, after verifying the documents in original. Later the documents are forwarded to MUHS, Nashik for confirmation of admission and Eligibility to pursue the course. Hence, the Institution has no role in deciding or modifying the student profile.

2.1.5 What are the strategies adopted to increase / improve access for students belonging to the following categories:

- SC/ST
- OBC
- Women
- Persons with varied disabilities
- Economically weaker sections
- Outstanding achievers in sports and other extracurricular activities
- Till the academic year 2015-16, the admissions criteria for the SC/ST, OBC, NT and other backward tribes were enlisted in the brochures of AMUPMDC. It was governed by the Maharashtra schedule castes, scheduled tribes, denotified tribes, nomadic tribes, other backward classes and special backward class. Reservation of seats for SC/ ST/OBC/VJ/NT1/NT2/NT3 was as per the government notification No. MED/- 2006/1196/CR206/06 Edu-1 (2) dated 24/06/2006. Candidates belonging to reserved category were required to submit the caste certificate and the caste validity certificate from the appropriate authorities of the government of Maharashtra. Candidates claiming for categories applicable were required to produce a non-creamy layer certificate of appropriate validity.
- For admission to MDS, 25% of the total seats were reserved for SC, ST, VJ, NT1, NT2, NT3, OBC categories. Reservation of seats for the above categories was as per the Govt. Notification No: MED/ 2006/1196/CR-206/06 Edu - 1 (2) dated 24/06/06 and candidates were required to submit the proof. 50% of the total seats including the reservation category was allotted by the competent authority of AMUPMDC by centralized admission process from eligible candidates qualified in AMUPMDC CET strictly on merit basis and the remaining 50% seats inclusive of NRI quota is filled by the management strictly on the basis of merit from candidates qualified in the CET conducted by AMUPMDC.

- From the academic year 2016-17, the guidelines of NEET are followed for the admission to UG and PG courses.

2.1.6 Number of students admitted in the institution in the last five academic years:

UG Students

Categories	2012-2013		2013-2014		2014-2015		2015-2016		2016-2017	
	M	F	M	F	M	F	M	F	M	F
SC	5	16	4	28	3	17	3	18	5	11
ST	0	0	0	2	0	0	0	1	0	2
OBC	8	32	4	24	3	45	12	26	6	40
General	4	26	7	17	2	17	5	26	4	21
Others	1	8	2	12	1	12	4	5	2	9
Total	18	82	17	83	9	91	24	76	17	83
Intake Capacity	100		100		100		100		100	

PG Students

Categories	2012-2013		2013-2014		2014-2015		2015-2016		2016-2017	
	M	F	M	F	M	F	M	F	M	F
SC	3	0	3	5	1	6	2	5	2	4
ST	0	0	0	0	0	0	1	0	0	0
OBC	1	1	3	2	2	2	1	2	1	0
General	3	10	5	4	3	5	2	5	3	9
Others	1	2	2	0	2	0	1	1	0	1
	8	13	13	11	8	13	7	13	6	14
Total	21		24		20		20		20	
Intake Capacity	24		24		24		24		24	

2.1.7 Has the university conducted any analysis of demand ratio for the various programs of the university departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease.

- The admissions were done through AMUPMDC till the academic year 2015-16 and from the academic year 2016-17 through NEET, hence demand ratio cannot be calculated for these seats.

2.1.8 Were any programs discontinued/staggered by the institution in the last four years? If yes, specify the reasons.

No, none of the programs were discontinued / staggered.

2.2 Catering to Student Diversity

2.2.1 Does the institution organize orientation / induction program for freshers? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.

- Yes, the institution organizes orientation program for freshers (First BDS) at the beginning of academic year. This program includes presentations by the Dean and Heads of all the Departments of the first BDS subjects, which are included in the academic curriculum. Presentations by the Head of the departments are delivered, which give a brief idea of the syllabus, nature of work and future prospects.
- **Duration of orientation program-** 1 hour per day for one week
- **Issues covered-** Academic schedules, Syllabus, Exam pattern, Code of Conduct, Hostel regulations, facilities available in the institute, attendance criteria, Ragging-free Campus & contact details of Anti-Ragging Committee, Vishakha guidelines etc.
- **Experts involved-** Dean, Heads of the departments of Oral Pathology & Microbiology, General Anatomy, Physiology and Biochemistry
- **The Institution also conducts Orientation Program for Intern students annually.**
- **Duration of orientation program-** 4 hours per day for 2 days
- **Issues covered-** orienting the interns with Ethics, code of conduct, different fields of dentistry and their clinical working, introducing the students with different options available after completion of BDS course.
- **Experts involved-** Dean, Heads of the departments of all subjects, experts on PG Entrance exam.

2.2.2 Does the institution have a mechanism through which the “differential requirements of the student population” are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

- Information about newly admitted first BDS and MDS students is received from the Student Section.
- ‘Interaction Module’- a program of Student-Teacher Interaction helps the teachers understand the differential requirements of newly admitted students.
- Students coming from rural background or economically deprived/backward classes are given special classes for improving communication skills through ‘British Club’.
- Marathi Club- ‘LLM’ (Local Language Marathi) in the Institution organizes special classes for teaching Marathi language for the students coming from other states.
- Additionally, ‘Book Bank’ facility for students belonging to reserved categories and Economically Backward section of the society is provided.

2.2.3 How does the institution identify and respond to the learning needs of advanced and slow learners?

- Based on the performance of the students in the first internal assessment examination that is conducted in the first term, together with the performance of the students in practical and tutorial classes, the students are identified as potential (slow) learners and advanced learners.
- The 'Interaction Module' started by our Institution plays an important role in identifying potential learners and advanced learners. Interaction Group Leaders, Subject Teachers, Group Teachers and Mentors help in the mechanism of identifying potential and advanced learners and the necessary steps to be taken for improving their academic performance.
- For potential learners remedial classes are arranged, in the subjects in whom he / she is deficient.
- Practice assignments are given for potential learners for betterment in academic performance.
- For advanced learners steps are taken to further improve their knowledge and skills by motivating them to pursue for available postgraduate courses/competitive exams, and teaching staff guide them for the same on personal basis. They are also introduced to newer developments and methods in the field so that they can pursue higher goals in academics. They are encouraged to develop research temperament.

2.2.4 Does the institution offer bridge / remedial / add-on courses? If yes, how are they structured into the timetable? Give details of the courses offered, department-wise/faculty-wise?

- We conduct Student-Teacher Interaction classes under the name of 'Interaction Module' for each year i.e. I, II, III & IV BDS students. Each batch of students is divided into groups of 10 students and Interaction classes are conducted at departmental level.
- Bridge course for interns was conducted in Nov 2016.
- Remedial classes are conducted for potential learners in the subjects in which they are deficient.
- The Institution has started with Evening Clinic Module- 'DeBT' (Dentistry Beyond Time) that provides the Post Graduate students with extra clinical hours so that they get more clinical exposure.

2.2.5 Has the institution conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, differently-abled, etc.? If yes, what are the main findings?

- Yes, the institution looks after the academic growth of students from disadvantaged sections of society, economically disadvantaged, differently-abled, etc.
- Remedial measures are taken by conducting remedial classes.
- The British Club works for the improvement of communication skill for these students.
- Proper guidance and at times financial consideration is given to economically disadvantaged students.

2.2.6 Is there a provision to teach the local language to students from other states/countries?

- Yes, Institution has set up a Marathi Club- 'LLM' (Local Language Marathi) for teaching local language to students to enable them to communicate effectively with patients who speak only the local language. The classes are conducted for 1 hour per week on every Saturday.

2.2.7 What are the institution's efforts to teach the students moral and ethical values and their citizenship roles?

- The institution arranges lectures on Ethical values and moral code of conduct during orientation programs for students.
- The institution also arranges lectures on traffic rules, fire safety, basic life support in building awareness and sense of social responsibility in students.
- The interns are regularly posted in Satellite clinics for treating patients in areas in the outskirts of city.
- Institution conducts diagnostics and treatment camps in the schools, hostels, public places, industries etc. and thereby promotes student's role as a good citizen to the society.
- The student's role as a good citizen is projected by holding diagnostic and free treatment camps for the underprivileged by adopting villages. This helps in inception of empathy in students.
- Students regularly participate in activities like Swachha Bharat Abhiyan, Communal Harmony Week, World No-Tobacco day, Tree Plantation, Save Water Rally, and Workshop on Anti-Ragging etc.
- Anti-Tobacco Rallies are organized on the occasion of 'August Kranti' day in collaboration with NGOs.
- The institution has started celebrating National days like 15th August and 26th January wherein the privilege of flag hoisting is given to meritorious students/ students excelling in sports activities which in turn gives them the feeling of duty and responsibility as a citizen.
- Constitutional Day is also celebrated in the institution.

2.2.8 Describe details of orientation/ foundation courses which sensitize students to national integration, Constitution of India, art and culture,

empathy, women's empowerment, etc.

- Every year, the Institution celebrates two national days—the Independence Day and the Republic Day. Recently, The institution has started giving the privilege of flag hoisting to meritorious students/ students excelling in sports activities. The programmes include the customary hoisting of the Indian flag, the rendering of the National Anthem, as well as addresses by senior Institution administrators about the significance of the day.
- The students read the Preamble of Indian Constitution on account of celebration of the Constitutional Day on 26th November.
- Students performed Street Plays on 'Vyasana mukti', misconceptions in dentistry and on Maternal Health for increasing awareness in society.
- The Institution sensitizes students about Vishakha guidelines during Orientation programs.
- Essay Writing competition is held for students on the occasion of Dr. Babasaheb Ambedkar Jayanti
- 'Vakratunda' - a 10 days Ganesh Festival annually. The festival tries to imbibe art & culture amongst the students by organizing activities like Rangoli Competition, face painting, hair styling, wire bending, best out of waste, Dance, Singing, Drama, Fellowship lunch, sports activities, traditional Pooja & Prasad.

2.2.9 Has the institution incorporated the principles of Life Style Modifications for students based on Eastern approaches in their day to day activities?

- Yogasana /meditation/and other such techniques are practiced regularly as self-discipline by students in their individual capacity.
- International Yoga day is celebrated annually.
- The Institution canteen provides pure vegetarian, healthy and timely meals.
- The Institution promotes sports activities for students and staff and conducts Sports week annually. They participate in various indoor and outdoor sports like chess, carom, badminton, Volleyball, football, cricket, tug of war, treasure hunt, three-legged race, 100 meters running etc.
- Students wear college uniform as a sign of professionalism, equality and discipline.

2.2.10 Has Yoga/Meditation/any other such techniques been practiced by students regularly as self-discipline?

- Yes, Yogasana /meditation/and exercises are practiced regularly as self-discipline by students in their individual capacity, especially by the Hostel inmates.

2.2.11 How does the institution attend to the diverse health issues (physical and mental) of students and staff?

- The institution has a provision of 100-bedded multispecialty hospital that

caters to the health issues of both staff and students and public.

- Annual Health Check-ups of all the staff members are done in the attached Hospital and Fitness Certificates are issued by the Medical Board.
- There is a hospital facility within the campus to attend to the medical needs and immunization is ensured prior to admission into the institution. The Institution mandates that students and all the employees be immunized against infectious diseases such as Hepatitis A and B.
- All First BDS students undergo complete blood investigations.
- Students and staff are encouraged to eat healthy diet and abstain from fast foods.
- Yoga and Meditation classes are held regularly to improve the mental status and self-discipline of the students and staff.
- The Psychosocial Cell-'V4U' of the Institution looks after the psychological issues of the students such as stress management, relationship management, time management and personal counselling.

2.2.12 Does the institution cater to the needs of groups / individuals requiring special attention by conducting group classes / special individual trainings / focused group discussion / additional training measures etc.?

- Potential learners and advanced learners are identified on the basis of their percentage marks in First PCT (Part Completion Test)- the students getting marks below 50% are treated as potential learners and those getting marks above 75% are treated as advanced learners
- For potential learners remedial classes are arranged, in the subjects in which they are weak.
- Then after assessing their improvement in the subsequent exam, they are given exam oriented targeted teaching.
- For advanced learners steps are taken to further improve their knowledge and skills by motivating and introducing them to newer developments and methods in the field so that they can pursue higher goals in academics. They are encouraged to develop research temperament. They are encouraged to do short-term research projects and to present papers/posters in various conferences.
- A topic is allotted to a group of students and their difficulties are solved by the faculty through discussion.
- Small Group Discussions are done on difficult topics wherein one- to-one interaction is possible.

2.3 Teaching-Learning Process

2.3.1 How does the institution plan and organize the teaching-learning and evaluation schedules such as

- **Academic calendar:** Academic Calendar is prepared as per the guidelines of MUHS and DCI.
- **Master plan:** The Master Plan for the Institution includes timetables for lectures, Practical classes/ Clinical Postings and Student-Teacher 'Interaction Module' for each year.
- **Teaching plan-** is prepared and followed by each Department at departmental level as per the syllabus provided by Maharashtra University of Health Sciences, Nashik and DCI for each subject.
- **Rotation plan:** Rotatory plan for clinical postings for every batch of interns and III BDS & IV BDS is prepared every year. They are displayed on notice boards and followed accordingly.
- **Course plan-** Departmental teaching plans are made by respective heads of the department in association with the departmental staff. The teachers are given the choice of selecting the topics of their interest. The number of lectures, practical classes, clinics and lab teaching are planned as per MUHS guidelines.
- **Unit plan:** Every faculty who is allotted with a particular topic for didactic lectures prepares the lesson plan and gets it approved by the respective head of the department.
- **Evaluation blue print-** The PCTs (Part Completion Tests) are conducted as per the norms of MUHS, Nashik. Importance is given to topics as per their frequency of occurrence and clinical importance. PCT question papers are set by respective departments based on weightage of topic and clinical importance. At the same time due importance is given to effective completion of the syllabus for the exam.
- **Outpatient Teaching:** Students of III BDS, Final BDS and Interns are posted in clinics in accordance with MUHS guidelines. They are taught clinical examination, diagnosis and treatment of various oral & dental problems. Undergraduates as well as Postgraduate students acquire clinical skills under the guidance and supervision of faculty.
- **In-patient teaching:** Interns are allowed to observe oral surgical procedures in the O.T. during their postings in Oral & Maxillofacial Surgery Department. They also acquire skills on pre-operative management, bedside procedures and management of postoperative patients in inpatient ward of Oral & Maxillofacial Surgery Department. The Postgraduate students of Oral & Maxillofacial Surgery Dept. have rotation based On-Call duties in the attached 100-bedded Hospital.
- **Clinical Teaching in other sites:** Interns are posted at Satellite Clinics viz. Wadi and Hingna. The Postgraduate students are posted on rotation basis in Regional Cancer Hospital, General Pathology Dept., General Microbiology Department, Dept. of Skin and V.D. in General Hospital in the city.

- **Teaching in the community:** The Institution has two Satellite Clinics in the vicinity of Nagpur viz. Wadi and Hingna. The Dept. of Pedodontics, under Project 'DEAR-Children', has adopted 21 schools in the rural parts of Nagpur. The Institution, under Project 'READY', has adopted 3 villages e.g. Sangam, Suraburdi and Bazargon in Nagpur District. The Institution has also adopted few hostels in the vicinity of Nagpur. The Community Dentistry Dept. in collaboration with other Departments conducts Diagnostic/Treatment camps at various villages, factories within and outside city premises that involve active participation by Undergraduate as well as Postgraduate students.

2.3.2 Does the institution provide course objectives, outlines and schedules at the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

- The institution as per standard guidelines of MUHS, Nashik and DCI, New Delhi prepares, presents and provides all information regarding the course, specifically the course objectives, outlines and schedules at the commencement of each academic year. This ensures awareness and readiness regarding the forthcoming academic session for the faculty as well as students.
- The effectiveness of the program is assessed by evaluating the results of Part Completion Tests, chair side viva voce, during regular clinical postings and through seminar presentation done by students.

2.3.3 Does the institution face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.

- No, the institution does not face any challenges in completing the curriculum within the stipulated time frame and calendar.

2.3.4 How is learning made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

- The faculty actively uses ICT, educational videos, PPTs for easy understanding for students.
- The students actively participate in Seminars, Multiple Choice Questions (MCQ's) solving, Short Answer Questions (SAQ) solving, Problem Based Learning, Extra classes, tutorials, etc.
- The PG students present and participate in Journal club presentations, Seminars, case discussions, preclinical exercises, and UG teaching as part of the curriculum as specified by MUHS and DCI.
- The students are encouraged to present research papers, scientific posters at various national & regional conferences.

2.3.5 What is the institution's policy on inviting experts / people of eminence to

augment teaching-learning activities?

- The institution always strives to invite experts and people of eminence as and when possible to deliver talks or conduct CDE programs/workshops. This helps in value addition to knowledgebase of both, students and faculty.
- Some of the people of eminence that visited our Institution include Padmabhushan Dr. Vijay Bhatkar, the man behind Supercomputers in India and Dr. D. Mazumdar- President Dental Council of India, Dr. G. D. Yadav, Vice Chancellor, I.C.T. Mumbai.

2.3.6 Does the institution formally encourage learning by using e-learning resources?

- Yes. The Central Library in the Institution has an E- Library section with computers having access to e-books, e-journals via EBSCO subscription, CDs etc. the Institution also has subscription of MUHS digital Library resource.
- The Institution makes arrangement for telecasting webinars conducted on various clinical aspects of Dentistry
- The faculty is encouraged to prepare their lectures in the form of PowerPoint presentations.
- The students are encouraged to present their seminars in PowerPoint presentation format.

2.3.7 What are the technologies and facilities such as virtual laboratories, e-learning and open educational resources used by the faculty for effective teaching?

- The Classrooms are equipped with LCD projectors.
- Central Library is equipped with E-Library facility and Departmental Library, Webinars, free educational videos, podcasts.
- The faculty is promoted to prepare PowerPoint presentations for their lectures. This also includes provision of audiovisual aids in classrooms for effective delivery of lectures.
- The lecture halls have Internet facility for webinars and to help in e-learning.
- The Institution has subscribed to MUHS and EBSCO databases that are freely available in E-Library section in the Central Library for ready reference to the staff as well as students.
- Open education is facilitated by online availability of free books, free journals and free videos/podcasts. The departments have put posters made by students for reference.
- The institution has installed Dolphin Imaging System software for orthodontic diagnosis and treatment planning in the Dept. of Orthodontics.

2.3.8 Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the institution's educational processes?

- There is no designated group for this but the faculty members access open source material through web services like Curofy, teleoralpathology etc. The faculty actively participates in small social networking groups of different specialty and utilize them to understand trends and issues regarding developments in open source community.

2.3.9 What steps has the institution taken to transition from traditional classrooms into an e-learning environment?

- The lecture halls have Internet facility, Fixed LCD projectors with audio system in classrooms for webinars and to help in e-learning.
- Central Library with E-Library facility with e-books, journals through EBSCO subscription, Webinars, free educational videos, podcasts.
- LCD projectors are allotted to all postgraduate departments.

2.3.10 Is there a provision for the services of counselors / mentors/ advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefitted.

- Yes, there is such provision for counselling, mentorship and advice under the 'Interaction Module'.
- The institution allots our own senior faculty members as mentors for each class of I to IV BDS students.
- In addition, each class is divided into groups of 10 students each and they are allotted faculty members who acts as Group Teacher looking after their academic/personal/psycho-social difficulties.
- A student is chosen as Group Leader from each Group who can convey problems of his/her group to the concerned Group Teacher.
- Mentors and Group Teachers take monthly meetings with all the students.
- A monthly report is generated regarding the Discipline, Regularity and Sincerity of each student of the group and necessary steps are taken to counsel and improve the student performance
- There is a Psychosocial Counselling Cell- 'V4U' in our Institution, which conducts Meditation sessions for Students. Yoga sessions are also conducted for students by the cell.
- On-campus Counselor is available in the Institution.

2.3.11 Were any innovative teaching approaches/methods/practices adopted and implemented by the faculty during the last four years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

- Innovative teaching approaches/ methods/ practices are adopted and implemented by the faculty.

- The Institution is developing a Digital Learning Module that includes subject topics converted into 2D/3D interactive presentations, Live/Mock Video Demonstration of Clinical/Surgical Procedure etc.
- Problem Based Learning
- Use of videos for demonstrating various topics like ‘Tooth Development’, Topical Fluoride application, ‘Wax block carving’ etc. have helped improving the understanding of the subjects for the students.
- Students solve MCQs regularly during ‘Interaction Module’.
- The teachers give questions to students, which they are required to write answers at home.
- Museums are available in individual departments.

2.3.12 How does the institution create a culture of instilling and nurturing creativity and scientific temper among the learners?

- Students are encouraged to attend various conferences, workshops, Postgraduate Conventions, Continuing Dental Education etc programs.
- Students are also encouraged to present posters, papers and even publish scientific articles in various journals.
- Students are also encouraged to carry out Short-Term Research projects under Project ‘RICH’ to develop a scientific research temper in them.
- Community based survey topics are given to students and they are encouraged to present the outcome in scientific conferences.

2.3.13 Does the institution consider student projects mandatory in the learning program? If yes, for how many programs have they been (percentage of total) made mandatory?

* number of projects executed within the institution

* names of external institutions for student project work

* role of faculty in facilitating such projects

- Yes, the institution considers student projects mandatory in the learning program.
- Postgraduate students are given dissertation projects as apart of their curriculum and eligibility criteria to appear for the Final MDS Exam.
- Research & Innovation Committee for Healthcare (RICH) promotes undergraduate students to come up with Short-Term Research Projects that are guided by faculty; some of such projects are funded by Maharashtra University of Health Sciences, Nashik.
- Number of projects executed within institution-above 90.
- UG students who are working on MUHS funded projects are:
Himani Thawale
Krishna Bhonde
Nilima Bhoyar

Mansvi Lanjewar

Nilesh Malode

2.3.14 Does the institution have a well-qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?

- Yes, the institution has a well-qualified pool of human resource to meet the requirements of the BDS & MDS curriculum as per requirement of MUHS and DCI.

2.3.15 How are the faculty enabled to prepare computer-aided teaching / learning materials? What are the facilities available in the institution for such efforts?

- Most of our faculty members are well versed with computers.
- All the departments are provided with computers with Internet facility, scanner and printer.
- Each department has a Dept. Library with availability of pertinent books.
- Central library has many books and journals as well as access to e-books & e-journals through EBSCO subscription.
- On campus training & assistance is available for better use of computers.
- This facilitates the faculty in preparing computer-aided teaching-learning material.

2.3.16 Does the institution have a mechanism for the evaluation of teachers by the students / alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?

- Yes, the institution has a mechanism for evaluation of teachers by students.
- Regular feedback is obtained from students after completion of topics, feedbacks are analyzed at departmental level and necessary steps are suggested by the HOD to the faculty to improve the area in which he/she is lacking.

2.3.17 Does the institution use telemedicine facilities for teaching-learning processes? If yes, cite a few instances.

- No, there is no provision of telemedicine facility.

2.3.18 Does the institution utilize any of the following innovations in its teaching-learning processes?

- **ICT enabled flexible teaching system-** Students are allowed to collect learning material e.g. podcasts, videos, articles etc. from the Internet that is provided in the Institution library. This enables the students to access vast resources available on the Internet.
- **Simulations-** Yes, Undergraduate students perform mock dental procedures on Phantom heads in II BDS. The students learn principles of cavity

preparation and restoration of adult dentition on the phantom heads. This aims at imparting skills in various restorative procedures before students start treating patients in III BDS. Postgraduate students perform simulation exercises for rotary endodontics, oral implantology, oral & maxillofacial surgery.

- **Evidence based medicine-** Regarding Evidence based dentistry, faculty updates itself with the latest research or literature based evidence on current trends and the effectiveness of various treatment modalities and applies the same in lectures, clinical teaching and treatment.
- **Problem based learning (PBL)-** is practiced regularly by each department during Interaction classes and proper records are maintained at department level.
- **Student assisted teaching (SAT)-** it is utilized in the form of Group discussions and seminars presentation by students. The content prepared by the student is utilized to facilitate further explanation of the topic.
- **Self directed learning and skills development (SDL)-** Students are permitted for self-study during Student-Teacher Interaction hours. As a means of self-directed learning, students are allotted seminars on specific topics that they need to present before the teachers and students.
- **Narrative based medicine-** NA
- **Medical humanities-** NA
- **Drug and poison information assistance centre-** Not applicable
- **Ayurveda practices-** Ayurvedic dental treatment products are used wherever applicable for treating dental problems.
- **Yoga practices-** Yoga sessions are organized for students and staff by Institution.
- **Yoga therapy techniques-** not done
- **Naturopathy and its practices-** not done

2.3.19 Does the institutions have an Electronic Medical Records facility, staffed by trained and qualified personnel? Is it used for teaching-learning process?

- All medical records are presently maintained in physical format.

2.3.20 Does the institutions have well documented procedures for case sheet writing, obtaining informed consent and the discharge process of the patients?

- Yes the institution has well documented case sheet writing.
- Written informed consents are obtained from each patient before any operative procedures.

2.3.21 Does the institution produce videos of clinical cases and uses them for teaching-learning processes?

- Yes, videos of exceptional cases are produced at departmental level and they are used for teaching-learning process.

2.3.22 Does the institution perform medico legal/post-mortem procedures with a view to train the undergraduate and post-graduate students in medico legal procedures?

- No post-mortem/ medico-legal procedures are performed.

2.3.23 Does the institution have drug and poison information and poison detection centres? How are these used to train the students?

- Not applicable

2.3.24 Does the institution have a Pharmacovigilance / Toxicology centre /clinical pharmacy facility / drug information centre/Centre for disease surveillance and control/ Prevention through Yoga/Promotion of positive health/Well-equipped Psychology Laboratory/ Naturopathic diagnostic centre, etc.?

- Not applicable

2.3.25 Laboratories / Diagnostics

How is the student's learning process in the laboratories / diagnostics monitored? Provide the laboratory timetable (for the different courses)

- 2nd BDS Undergraduate students work in Pre-Clinical laboratories on Phantom Heads and casts. 3rd BDS and Final year BDS students have Clinical postings on daily basis. The staffs of the respective departments monitor the student's attendance at the departmental level.
- Dept. of Oral Pathology & Microbiology has labs for training the students in Histopathology slide identification and tooth carving exercises.
- The I and II BDS students are posted in Anatomy dissection halls, Physiology, Biochemistry and General Pathology-General Microbiology Labs to enable them to do relevant practical exercises as a pre-requisite to entering clinics in III year.
- Student staff ratio in the laboratories / diagnostics- 20:1

2.3.26 How many procedures / clinical cases / surgeries are observed, assisted, performed with assistance and carried out independently by students in order to fulfill learning objectives?

- The students complete the work quota specified by MUHS before being able to appear for University Exams and during Rotatory Internship postings. The number of cases carried out, observed or assisted are recorded in their logbooks/journals.
- The details of number of procedures, clinical cases, surgeries to be observed, assisted or performed independently is well planned and is available in the respective departments.

2.3.27 Does the institution provide patients with information on complementary and alternative systems of Medicine?

- Yes, the Institution provides information to patients on alternatives systems of medicine and utilizes Ayurvedic dental treatment products wherever applicable for treating patients.

2.3.28 What are the methods used to promote teaching-learning process in the clinical setting?

- Prior to the students clinical posting, SOP's and clinical logbooks are given in which each procedure done by the students in clinics are taught to them by the following teaching learning methods:

a) Cognitive:

The knowledge regarding the procedures to be performed by the students is imparted through lectures, small group discussions and SOP's prepared for each procedure.

b) Affective domain:

Where the students are demonstrated aspects like development of self confidence, communication skills, respect and valuing personal relation with patients. The students observe the teachers interaction with patients in a clinical setting and are expected to learn by imitation.

c) Psychomotor skills:

The procedures to be performed are first demonstrated to the students in small groups by the faculty. The students observe the skills and try to repeat it. They are instructed by the staff during the learning process. This process of learning continues till the students achieve precision and acceptable level of perfection before they perform such skills independently. One-minute preceptor method of teaching is undertaken in PG teaching where students examine the patients, arrive at a conclusion and present it in brief. The faculty then tells them precisely what was right, errors are corrected and some general rules are discussed.

2.3.29 Do students maintain log books of their teaching-learning activities?

- Yes, the UG, Interns and PG students maintain journals/logbooks with information about the case histories, procedures, assisted or performed, for their teaching-learning activities
- The postgraduate students also maintain photo albums for special cases, seminars printouts and evaluation reports of Journal club/seminar presentations. They also maintain records of scientific poster presentation done at local, national or international levels.

2.3.30 Is there a structured mechanism for post graduate teaching-learning process?

- Yes, there is a structured mechanism for postgraduate teaching-learning process as per the guidelines provided by MUHS Nashik and DCI. The details of syllabus and PG Regulations are explained to the PG students at the beginning of their course.
- Monthly PG Progress Reports are prepared by each department and submitted to PG Director as well as Dean.

2.3.31 Provide the following details about each of the teaching programs:

* Number of didactic lectures:

Sr. No.	Name of Department	No. of Didactic Lectures
I Year BDS		
	General Anatomy including Embryology, Osteology and Histology	100
	General Human Physiology	120
	Biochemistry	70
	Dental Materials	20
	Dental Anatomy, Embryology and Oral Histology	105
II Year BDS		
	General & Dental Pharmacology & Therapeutics	70
	General Pathology	55
	General Microbiology	65
	Dental Materials	60
	Oral Pathology & Microbiology	25
	Pre-clinical Prosthodontics & Crown & Bridge	25
	Pre-clinical Conservative Dentistry	25
III Year BDS		
	General Medicine	60
	General Surgery	60
	Oral Pathology & Microbiology	120
	Oral Diagnosis, Medicine & Radiology	20
	Pediatrics & Preventive Dentistry	20
	Oral & Maxillofacial Surgery	20
	Conservative Dentistry & Endodontics	30
	Prosthodontics & Crown & Bridge	30
	Orthodontics & Dentofacial Orthopedics	20
	Periodontology	30
IV Year BDS		
	Public Health Dentistry	60

	Oral Diagnosis, Medicine & Radiology	45
	Pediatrics & Preventive Dentistry	45
	Oral & Maxillofacial Surgery	50
	Conservative Dentistry & Endodontics	80
	Prosthodontics & Crown & Bridge	80
	Periodontology	50
	Orthodontics	30

* Number of students in each batch

BDS

I Year	II Year	III Year	IV Year	Internship
150	109	101	113	106

MDS

Department	I Year	II Year	III Year
Oral & Maxillofacial Surgery	3	3	3
Conservative Dentistry & Endodontics	3	3	3
Orthodontics	3	3	4
Prosthodontics	3	3	4
Periodontology	3	3	3
Pedodontics	3	3	4
Oral Diagnosis, Medicine & Radiology	2	1	3
Oral Pathology & Microbiology	0	1	0

- **Number of rotations-** I and II year BDS students have Preclinical Postings in dental subjects and Laboratory Postings/Practical classes in Basic Science subjects. III and IV BDS students have rotatory postings in each of the Clinical departments scheduled in the timetable as per the guidelines of MUHS. Interns have 24 rotations of postings incorporated in their timetable, so that they are posted in each department on rotation basis. Interns are also posted to Satellite Clinics of Institution from the Dept. of Community Dentistry. The postgraduate students of Oral & Maxillofacial Surgery and Oral Pathology & Microbiology are posted in allied Surgical and Medical specialties as per the Guidelines of MUHS & DCI.
- **Details of student case study / drug study-** PG students undertake case studies and surveys in which they analyze in depth & perform detailed examination of special cases, investigations performed, treatment done and their outcomes.
- **Nursing Care Conference (NCC)-** No
- **Number of medical / dental procedures that the students get to see:**

- Please refer the attached annexures 2.3.31
- **Mannequins / Simulation / skills laboratory for student teaching-** Undergraduate students have preclinical classes in the Dept. of Prosthodontics and Dept. of Conservative Dentistry where they observe, learn and perform mock dental procedures on models mounted on phantom heads. The Postgraduate students of Oral & Maxillofacial Surgery, Periodontics and Prosthodontics practice implant placement on bone models, suturing techniques on simulated models. The institution has also installed Dolphin Imaging System software for orthodontic diagnosis and treatment planning in the Dept. of Orthodontics.
- **Number of students inside the operation rooms at a given time-** 2-3 postgraduate students and 2-3 interns are involved in the surgical procedures done in the Operation Room
- **Average number of procedures in the ORs per week, month and year-**
 - **Total no.** of procedures in OR per week-
 - **Total no.** of procedures in OR per month-
 - **Total no.** of procedures in OR per year-
- This record is maintained at departmental level.
- **Autopsy / Post-mortem facility:** Not Applicable

2.4 Teacher Quality

2.4.1 How does the institution plan and facilitate its faculty to meet the changing requirements of the curriculum?

- A Dental Education Technology Cell has been established by the institution which is responsible for conducting and promoting CDE & CME programs, aimed towards development of UG and PG students by enhancing their clinical, professional and ethical skills. The DET Cell comprises of the following members:

Sr. no	Name of Faculty	Designation	Role in DET
1	Dr. Sanjay Patil	Dean	Chairman
2	Dr. Mrs. Pushpa Hazarey	PG Director	Member
3	Dr. J.R. Gade	UG Director	Member
4	Dr. Nilesh Choudhary	Lecturer	Member

- This committee along with RICH (Research & Innovation Committee for Health Care) focuses on organizing various CDE programs, workshops, guest lectures, conferences to keep the faculty as well as students updated about innovations in the field of dentistry.
- Many faculty members are regularly invited as resource persons by various colleges & educational institutes. This also facilitates the faculty members to

interact with other intellectuals and meet the changing requirements of the curriculum.

- The institution also encourages and provides monetary grants to staff for participating and presenting papers in national, international conferences and workshops.

2.4.2 Does the institution encourage diversity in its faculty recruitment? Provide the following details (department / school-wise).

- The college management follows a dedicated policy on faculty recruitment and appointment.
- Considering the DCI requirements of the requisite faculty, there is transparency in the recruitment and appointment of faculty members. Likewise, the College has a diverse faculty profile which includes faculty members who had graduated from our own institute, as well as from other institutes within and out of the state of Maharashtra.

Department	% of faculty from our institution		% of faculty from Other institutes within the state		% of faculty from institutes outside the state		% of faculty from other countries	Total Staff
	Number of faculty	% of faculty	Number of faculty	% of faculty	Number of faculty	% of faculty		
Prosthodontics	5	50 %	4	40%	1	10%		10
Oral Pathology	1	16%	5	83%	-	-	-	6
Conservative Dentistry	1	8.33%	9	75%	2	16.66%	-	12
Oral & Maxillofacial Surgery	1	14 %	5	72 %	1	14 %	-	7
Periodontics	3	42%	3	42%	1	16%	-	7
Orthodontics	-	-	4	66.66%	2	33.33%	-	6
Pedodontics	-	-	2	33.33%	4	66.66%	-	6
Oral Medicine and Radiology	-	-	3	75%	1	25%	-	4
Public Health Dentistry	--	-	2	100%	-	-	-	2
Anesthesia			1	100%				1
Biochemistry	-	-	3	100 %	-	-	-	3
General Medicine			2	100 %				2
General Surgery			2	100 %				2
General Pathology	-	-	3	100 %	-	-	-	3
Hospital staff			3	100 %				3

Human Anatomy	-	-	5	100 %	-	-	-	5
Human Physiology			3	100 %				3
Microbiology	-	-	3	100 %	-	-	-	3
Pharmacology	-	-	5	100 %	-	-	-	5
Total	11	12.23 %	67	74.44 %	12	13.33 %	-	90

2.4.3 How does the institution ensure that qualified faculty are appointed for new programs / emerging areas of study? How many faculty members were appointed to teach new programs during the last four years?

- There is a well-defined system in the institution for the appointment of its faculty.
- Before appointing any faculty member, the prospective employee's original degree certificate and other academic documents are checked and scrutinized by the college to assess their validity in terms of recognition by the DCI/MUHS.
- Prior to selection and appointment of the faculty member, his past experience for the particular designation, past teaching experience, academic background, publications, recommendation of senior experts of the fraternity and other considerations like faculty member's previous employer are taken into consideration.
- The interview is conducted with transparency as per the guidelines of MUHS & DCI in presence of Chairman LMC/ representative from LMC, Dean, Respective HOD, Subject experts and nominee from the MUHS.

(The number of faculty members who are appointed during last four years with the details of their specialty)

Sr. No.	Branch/Specialty	No. of Staff Recruited.
1	Prosthodontics and Crown and Bridge	4
2	Oral Pathology and Oral Microbiology	7
3	Conservative Dentistry and Endodontics	7
4	Oral and Maxillofacial Surgery	7
5	Periodontics	3
6	Orthodontics and Dentofacial Orthopaedics	3
7	Paediatric Dentistry	6
8	Oral Medicine and Dental Radiology	3
9	Public Health Dentistry	2
10	Anesthesia	-
11	Biochemistry	2

12	General Medicine	-
13	General Surgery	-
14	General Pathology	-
15	Hospital staff	-
16	Human Anatomy	3
17	Human Physiology	-
18	Microbiology	3
19	Pharmacology	1

2.4.4 How many Emeritus / Adjunct Faculty / Visiting Professors are on the rolls of the institution?

All the staff members in the institute are working as full time faculty. Dr. Mrs. A.S. Mahajan, Former Professor & HOD of Dept. of Human Anatomy has been granted Professor Emeritus status in our College.

2.4.5 What policies/systems are in place to academically recharge and rejuvenate teachers? e.g. providing research grants, study leave, nomination to national/ international conferences/ seminars, in-service training, organizing national/international conferences etc.

Providing research grants:

- The College encourages and sanctions research grants to faculty members and students whose projects have been approved by the RICH& IEC of the college.
- Staff and students are encouraged to come up with new ideas or areas where research can be conducted.
- The synopsis is presented in front of an expert committee and projects of significance are shortlisted, expenses and budget is scrutinized further.
- The Institute also sponsors the innovative research by the faculty.
- It is the institutional policy to utilize 1/3rd of the HOD fund for research activities.

Study leave:

- The College provides study leave for faculty members who wish to pursue further studies/fellowships/PhD.
- The College has a provision for financial support to faculty members for the attendance of national and international conferences and presenting paper as per the rules.

In-service training:

- Faculty members have been deputed for in-service training.

Organizing National/International conferences:

- The institution encourages the faculty to hold National and International workshops/conferences at the college. Staff from the institute have been a part of Organizing Committee of various National/International specialty-conferences.

2.4.6 How many faculty received awards / recognitions for excellence in teaching at the state, national and international level during the last four years?

- The prestigious “Icons of Education” award was bestowed in 2016 for providing quality Dental Education at affordable cost. This award was received by the Honorable Secretary of our trust, Mr. Hemant Kalmegh.
- Dr. Juzer Rasul received the “Rugnasewa Darodari” award in 2012 for Effectively Teaching Public Health Dentistry through organizing Dental Outreach Programs.

2.4.7 How many faculty underwent professional development programs during the last four years? (add any other program if necessary)

Twenty five faculty members have received training from Research methodology workshops as per MUHS norms. The faculty members undergo research methodology training and Dental education training as per the MUHS directives. The faculty members regularly attend CDE programs, workshops, Hands-on courses and other specialty related events to update their knowledge and clinical skills in their respective specialties.

2.4.8 How often does the institution organize academic development programs (e.g.: curriculum development, teaching-learning methods, examination reforms, content / knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?

To enrich the teaching-learning process, the Institutional DET Committee along with the Departments regularly organizes academic development programs/ CDE programs/ Workshop/ Guest lectures to facilitate and support the entire teaching learning process.

Please refer the attached annexure 2.4.8

2.4.9 Does the institution have a mechanism to retain faculty? What is the annual attrition rate among the faculty?

- Yes, the institution believes that the faculty is an asset to the institution and always strives to retain them by providing good working environment, competitive salary structure, recognition of service and timely promotions.
- Many faculty members are serving in the institution since the time of its inception.

- The college has a healthy atmosphere for academics, research, self development and teaching-learning activities. The teaching faculty members are encouraged for updating their knowledge through conferences/workshops etc.
- It is therefore appreciable that the college has a low attrition rate of (less than 10%).

2.4.10 Does the institution have a mechanism to encourage

Mobility of faculty between institutions /universities for teaching/research?

Faculty exchange programs with national and international bodies? If yes, how have these schemes helped in enriching the quality of the faculty?

- The Institution encourages mobility of the faculty between institutions and universities by providing them leave to be a resource person for guest lectures, for participation in CDE programs, for National and International conferences and workshops to update their knowledge.
- Mobility of faculty between institutions/Universities is encouraged for conduct of examinations (UG and PG).
- The exposure to the other institutions and universities help the faculty to learn about the current trends in dentistry and develop themselves. One of the prominent outcomes of this mechanism is the visit of our faculty members to the various Institutes of high repute in USA.
- The institution is in process to sign a Memorandum of Understanding with Institute of Chemical Technology, Mumbai for Research & Development.

Please refer the attached annexure 2.4.10

2.4.11 Does the institution have well defined career advancement policy for Health Science professionals? If yes, outline the policy.

- Yes, the institution has a well-defined career advancement policy for Health Science professionals.
- The institution follows the guidelines given by the DCI for the faculty promotion.
- The HOD of each respective department prepares a confidential report regarding the performance of the staff member as per monthly review.
- Based on the confidential report, self- appraisal and Annual Performance Index, promotions are given.
- Faculty members with extra ordinary performance, based on the Confidential report, self-appraisal and Annual Performance Index score are given incentives and cash-prizes. Eleven staff members were given such cash prizes worth Rs.30,001/- each in the year 2016.
- The faculty is encouraged and provision exists for granting financial support to present research papers in national and international conferences.

2.4.12. How does the institution create synergies with other PG institutions for generating required number of specialists and super specialists?

- The UG & PG students of our institute are encouraged to interact with students from other post graduate institutions and participate in programs conducted by other PG institutions like CDE's , CME's, workshops etc to share and update their knowledge about recent advancements and new concepts in the respective branches.
- Senior faculty members from other institutions of higher learning are also invited to conduct guidance lectures/CDE programs for students and to help them build their academic and clinical competence together with morals & ethics.
- The PG students visit other institutions for an exposure for advanced learning and Research.
- The institution is also in process to sign a Memorandum of Understanding with The Institute of Chemical Technology, Mumbai to help the students and faculty to venture into newer horizons of research.

2.4.13 Does the institution conduct capacity building programs / courses in sub-specialties for its faculty?

- The institution conducts and allows its faculty members for attending various capacity building programs like CDEs, CMEs, Workshops & Hands On, Teacher-Training Programs, Research Methodology Workshops, etc.

2.5 Evaluation process and reforms.

2.5.1: How does the institution ensure that all the stakeholders are aware of the evaluation processes that are in place?

- The college conducts orientation and bridge programs at the beginning of respective course of BDS-I, Internship and MDS-I, where the stake holders are informed about the examination and evaluation process as per the guidelines of DCI & MUHS
- Before the commencement of each academic term, the college master timetable is displayed on the major notice boards, notifying the schedule of plans, examination process, tentative dates of internal assessment exams, university exams and attendance criteria for the exam and non-exam going subjects of the year.
- During the departmental induction program, students are informed of methods of evaluation
 - BDS - Internal assessment exams are conducted before the final university examination. The marks of these internal assessment exams are shown to the students and the signature of the students obtained. The marks are displayed on the notice board.

- MDS - Annual examination - theory and practicals are conducted and marks are displayed on the notice board.
- Periodical circulars are released by the Dean's office to notify any changes as well as to assess regular implementation of the action plan. The academic committee, examination committee, Directors of UG/PG and all departments work in-tandem to evaluate the implementation of decisions taken up in periodic meetings. Generation of Action taken report (ATR) and compliances are done accordingly.
- Our institute has installed a digital software "Digicampos" for Enterprise Resource Planning and for effective communication with the stakeholders. It has increased the efficacy to monitor students profile, attendance, library utilization etc. It also has provisions to send these details to the parents/guardians of the students.

2.5.2: What are the important examination reforms implemented by the institution? Cite few examples which have positively impacted the examination system.

The college is affiliated to MUHS Nashik and it follows its guidelines. The final examination is conducted by the Controller of Examinations, MUHS, Nashik as per the examination pattern laid down by the University.

Few examples citing these examination reforms as directed by MUHS and implemented at our institute are:

- The Final BDS exam pattern will be changed as per MUHS Circular 07/2017 dated 20/01/2017 from semester pattern to Annual pattern as it was suggested by the institutions.
- The university has introduced 5 marks for communication skills as criteria for assessment during the practical examination.
- Tooth preparation and inlay preparation have been introduced as new pre-clinical topics in department of Prosthodontics & Conservative dentistry.
- The conduct of internal assessment exams or introduction of amendments is based as per the guidelines of the MUHS.
- The internal exam PCTs have been recalibrated to 100 marks for homogenous distribution of marks.

2.5.3: What is the average time taken by the University for Declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode adopted by the institution for the publication of examination results (eg . websites, SMS, e mails, etc)

- The college is affiliated to the MUHS, Nashik which conducts the Final examination

- The declaration of the results is time bound and average approximately one month from the date of completion of examinations.
- The tentative dates for the declaration of the results are displayed on the MUHS website.
- The results are announced on the MUHS website and are further displayed on the Institutional notice board. The students and parents are accordingly informed.
- The academic year in our college usually commences four weeks from the end of the previous term practical examinations and irrespective of the declaration of results, the next batch starts its term. (An exception being the commencement of internship, which begins only after declaration of the IV BDS results). This is done as a remedial measure for students to save time, if it is delayed because of results.
- The academic calendar of MUHS is strictly followed in the institute.

2.5.4: How does the institution ensure transparency in the evaluation process?

- All Examination processes in our institute are transparent and are conducted as per the directives of the MUHS.
- 3 internal assessment exams are conducted as per the University guidelines and 3 sets of question papers are prepared and submitted to the Dean's office, out of which one is selected by the Examination Committee for the PCT exam with utmost confidentiality.
- PCT exams are conducted and the evaluators follow the University's guidelines and parameters for assessment of answer-sheets. A clear prototype given by the University is used to evaluate the students clinical performance. This promotes uniformity, transparency and validity.
- The theory and practical answer sheets after assessment are shown to the students for verification. Their shortcomings are mentioned and further it is augmented by discussion aimed towards improving their performance. Students interactive, cognitive and communication skills to enhance their viva-voce skills are also discussed.
- Any further grievances are solved by the teacher under the supervision of the HOD.
- On verification and after discussion, the students are asked to sign their respective answer books.
- The evaluated mark-lists are further put on the notice board, after signatures of respective students, staff and HOD.
- This ensures transparency of the evaluation processes.

2.5.5: What are the rigorous features introduced by the university to ensure confidentiality in the conduct of the examinations?

The MUHS ensures total confidentiality in the conduct of all its concerned processes and procedures.

- The university has a dedicated controller of examination (UG/ PG section) who ensures the proper conduct of examinations.
- The University allots examination centers for theory examinations to the students, which is other than the parent college. This ensures confidentiality in the conduct of the examinations.
- A flying squad also conducts random inspections during the examinations to ensure the prevention of malpractices.
- Answer sheets are bar coded and the student is not allowed to reveal identity by name or any other means. The evaluation of these answer sheets is done centrally in full confidentiality.
- The theory question papers are set online with confidentiality and are sent by the University to concerned examination centres in a secure state.
- The practical examination is also conducted with full confidentiality as per the guidelines of the MUHS. The evaluation marks are filled in the online proforma of the University on the same day of the conduct of the practical examination in utmost confidentiality.
- Reliable and experienced Centre observers are deputed with all necessary authorities and liabilities at each examination centre.
- The university ensures prior to appointment that no relatives of the examiners are appearing for the university exam in that year.
- The vulnerable areas are equipped with CCTV cameras.

2.5.6: Does the institution have an integrated examination platform for the following processes?

Pre-examination processes – Time table generation, hall ticket, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, online transmission of questions and marks, etc.

Examination process– Examination material management, logistics, etc.

Post-examination process– Attendance capture, OMR-based exam result, auto processing, result processing, certification, etc.

- The institution follows all process related to examination as per guidelines of MUHS, Nashik.
- The university actively involves faculty from affiliated colleges in these processes through their regional offices or at the University for Examination and all pre-post exam purposes.
- The institution examination committee schedules the timetable for internal assessment exams, which are declared well in advance at the beginning of each term to the students.

- Three question paper sets are prepared for each of the internal assessment exams and sent with high confidentiality to the Dean's office for final selection and are kept in safe custody. One of the papers is selected and printed prior to the exams. This ensures total confidentiality
- The invigilators are appointed by the exam committee on rotation and they are updated with the procedural conduct of the exams as per the guidelines of MUHS.
- The hall tickets for the university exam are generated by the university online and these are issued to the students after stringent verification of their attendance records.
- The material and logistics for the internal exams are provided by the institution with utmost confidentiality while that for the university exams is given by the MUHS.
- In the post exam procedure, the internal exam answer sheets are evaluated, shown and discussed with the students.
- The records of internal assessment are maintained in individual files for each student. The students sign their internal assessment marks prior to submission to the MUHS.
- Thorough auditing is carried out prior to submission of internal assessment marks to university.

The MUHS also appoints a central observer who visits the college to do the internal audit of the exam related files and assessment marks submitted to the MUHS. These integrated procedures eliminate malpractice and ensure justified conduct of all examination processes.

2.5.7: Has the university / institution introduced any reforms in its evaluation process?

- The institution is affiliated to MUHS Nashik and strictly follows the guidelines laid by the University.
- The university has introduced online system of submission of marks of exam. All faculty members have been trained to follow the procedure.

2.5.8: What is the mechanism for redressal of grievances with reference to examinations? Give details.

- The Maharashtra University of Health Sciences, Nashik have a standard mechanism for hearing and addressing the grievances of the students pertaining to the examinations. A brief mechanism regarding the examination related issues is mentioned below.
- The students can apply to the University through the College for any grievance in examinations. The college ensures that it abides by the rules of MUHS and supports the students in addressing their grievances.

- With regards to issues concerning the year-end university examinations, students have two options of seeking redressal from the University (1) apply for reviewing photocopy of their answer script(s), and (2) apply for verification/re-totalling of answer script(s). The MUHS has clearly defined the procedure for redressal of grievances of the students.
- At the institute level, the students are made aware of their performance following the internal assessment examinations. They are allowed to see their evaluated answer scripts and also to clarify doubts pertaining to their performance.
- Additional PCT is conducted for the eligible students as per the recommendation of the Examination committee of the Institution.

2.5.9: Does the institution have a Manual for Examinations and if yes, does it specifically take cognizance of examination malpractices by students, faculty and non-teaching staff?

- Yes, the institute follows the guidelines and Manual of Examinations of MUHS for the effective conduct of the examination process.
- The institution examination committee also monitors the entire examination process to avoid and prevent any malpractices.

2.5.10: What efforts have been made by the university to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division/section.

Not applicable.

2.5.11 What are the efforts of the institution in the assessment of educational outcomes of its students? Give examples against the practices indicated below:

- ❖ **Compatibility of education objectives and learning methods with assessment**
- ❖ **Principles, methods and practices.**
- ❖ **Balance between formative and summative assessments.**
- ❖ **Increasing objectivity in formative assessments.**
- ❖ **Formative (theory / orals / clinical / practical) internal assessment; choice based credit system; grading / marking.**
- ❖ **Summative (theory / orals / clinical / practical).**
- ❖ **Theory – structure and setting of question papers – Essays, long answers, shorts answers and MCQs etc. Questions bank and Key answers.**
- ❖ **Objective Structured Clinical Examination (OSCE).**
- ❖ **Objective Structured Practical Examination (OSPE).**
- ❖ **any other.**

- The institution follows the syllabus as directed by the MUHS/ DCI.
- Each department has structured this syllabus, and incorporated a time frame for portion completion and interactive discussions after each set of topics.
- The students are taught the learning objectives of every topic pertaining to the syllabus as well as the clinical scenarios.
- The question papers are set in accordance to the weight-age given as per the MUHS and internal assessment exams are conducted as per the university guidelines.
- Formative and summative assessments are timely done. Formative assessment is conducted routinely after topic completion and is structured over 2-3 internal assessment exams as directed by the MUHS. The summative assessment is done at the end of academic year by the University.
- Formative assessments are conducted considering the entire scope of the topic completed. This enables quick and overall assessment of student's performance, difficulties encountered, feedback and assessing requirement of remedial classes. The same assessment also includes clinical/ practical skills and hands-on evaluations. Emphasis is also given to effective communication skills and ethics.
- The internal assessment exams thrice for I to III year and twice for final year follow the university pattern with LAQ's, SAQ's and MCQ's. Practical examination pattern also follows the same which includes Viva voce. The marks distribution scheme is as per MUHS guidelines.
- The formative and summative exams are also conducted for the PG Students. Formative exams are conducted at the end of every term. A summative preliminary exam is conducted with an external examiner prior to the university exam which follows the same pattern as the final university exam.

2.5.12 Describe the methods of prevention of malpractice, and mention the number of cases reported and how are they dealt with?

- Institutions other than the parent college of the student are usually the University theory examination Centre. The exams are conducted under the supervision of the Centre observer and Centre in-charge appointed by the university and senior and junior invigilators.
- The examination halls and other vulnerable areas are under the surveillance of the CCTV cameras.
- The question papers and answer books are received and preserved in a strong room in safe custody. The seal of the question papers is opened by the Centre observers in front of 2 student representatives. The examination premises are kept as a restricted area with a guard. An external flying squad conducts surprise visits of the examination Centre. There is also an internal vigilance squad to look into the smooth conduct and malpractices if any. A female staff

member from a different specialty is placed as an observer to avoid misconduct against women students during the practical/ viva voce.

- No cases of malpractice have been reported so far.

2.6. Student Performance and Learning Outcomes:

2.6.1: Has the institution articulated its Graduate Attributes? If so, how does it facilitate and monitor its implementation and outcome?

- In accordance with the “Mission of the Institute”, the IQAC of the institution has articulated its Graduate Attributes through 12Cs for all its students as well as staff in the form of Do’s and Don’ts. It is expected that students and staff practice these values

Do’s	Don’ts
1. Competent	11. Casual Approach
2. Confident	12. Complacent Attitude
3. Concern	
4. Compassion	
5. Consistency	
6. Commitment	
7. Communication	
8. Coordination	
9. Cooperation	
10. Cool & Composed	

- The IQAC guides and assists its students regarding academics, social involvement, community participation, career opportunities and professional values.
- Our Interaction Module monitors student’s progress and performance through day to day occurring activities, thereby observing and identifying any obvious lacunae or other weak areas requiring development and improvement. To resolve them, honest efforts are made by the faculty through modes of counselling, extra classes, practical projects, clinical demonstrations etc.
- It also makes efforts through its faculty to create and develop a committed and dedicated approach and feeling towards the society as clinical professionals and sincere citizens of this country. They are frequently motivated and encouraged for voluntary active participation in routinely conducted health care check-up and awareness camps organized by the institution in rural and peripheral areas for the sake of community service of the needy patients.
- In addition to the above, in order to train and develop them to become competent clinical professionals the students are guided and assisted throughout their course tenure in fields other than academics too, predominantly relating to law, management, and administration skill development etc. These are done with a clear intension for opening numerous

career oriented and professional job opportunities for them after their course completion while entering the global era.

- Our Institution has a dedicated “Swachh Bharat Abhiyan” team which highlights projects run by Central Government of India to raise a sense of responsibility and duty towards the citizens of our country to keep it clean and healthy. Students are also taught scientific methods of biomedical waste disposal as a responsible health care practitioner in the society.
- College has organised a “British Club” which helps the students who are weak in English Language and also to the students from remote areas, as Dentistry according to Central Council guidelines is taught in English language. The institute takes efforts to make the students competent in Professional communication and competitive modules like debates, quiz, elocution etc at distinguished platforms.

2.6.2: Does the institution have clearly stated learning outcomes for its academic programs/departments? If yes, give details on how the students and staff are made aware of these?

- Yes, our institution has clearly stated specific learning outcomes for its academic programs/departments based on the guidelines laid down by MUHS and DCI.
- The staff and students are effectively notified about the same, regularly via circulars /website info/notice board information etc.
- Staff is made aware of the learning outcomes for its academic programs through meetings.
- Also an “Interaction Committee” is formed which holds regular meetings with students and group teachers. Students are made aware about the learning outcomes through these meetings.

2.6.3: How are the institution’s teaching-learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?

- We follow the structured assignment strategies lead down by MUHS Nashik which facilitates the achievement of the intended learning outcomes.
- Our staff members incorporate learning objectives in the Power-Point presentations for the lecture topics to help the students in understanding these learning outcomes.
- This is done to ensure students learning in a structured way and to make a blueprint of all important and relevant topics covered in the lectures. Students are also given additional study material in the form of reference books, website links etc to gain additional insight of the topics.

- After a part of syllabus completion, routine feedback assessments are done, where student's feedback is evaluated regarding the topics taught, clarity and quality of teaching and faculty's performance.
- Our college Central and Departmental libraries have sufficient books, question banks and journals with scientific website subscriptions, which help the students to get the desired study material as stated by the MUHS.
- All departments have their own assessment process to monitor the outcome of their teaching learning methods as per MUHS guidelines. Internal exams, preliminary exams, quizzes, interactive discussions etc are conducted by the departments routinely.
- Problem based learning has also been incorporated to clear students' doubts and equally to examine and analyze their level of understanding of the subject and clinical problem solving ability.

2.6.4: How does the institution ensure that the stated learning outcomes have been achieved?

- The institute evaluates the students pertaining to the stated learning outcomes of the curriculum based on the DCI/MUHS guidelines.
- Timely Formative exams are conducted as a part of structured learning outcome assessment. The formative exams include Portion Completion Test examinations conducted twice. The University conducts the year end Summative examination annually. During these formative and summative examinations, the students are evaluated for their academic performance.
- Regular feedback is taken from the students as well they have been informed about the outcome of the examination and measures to improve upon their shortcomings in the exam.
- Regular interaction of the students with the faculty is helping the students to solve their problems and improve the understanding of the subject during the interactive session.
- Learning outcomes for interns is also evaluated by routine discussions, clinical debates, seminars etc.

The outcome of the summative examination during the past few years is evident from the fact that our college has many MUHS rank holders with several students having first rank in individual subjects. Our students have also been recipients of the Gold Medals at the University level.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Is there an Institutional Research Committee which monitors and addresses issues related to research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

Yes, The Institute has a Research Committee named RICH (Research & Innovation Committee for Healthcare) in our institution which monitors & addresses issues related to the research activities of the Institute. The committee includes members from various Departments so that every aspect of dentistry can be covered. These members lay down the definitive criteria which need to be incorporated before starting any research work.

Research & Innovation Committee for Healthcare (RICH) constitutes

Research Council

- Chief ex-officio member - Dean – Dr. Sanjay Patil
- President's Nominee - Dr. M. K. Gupta
- Member - Dr. P.V. Hazarey
- Member - Dr. S.C. Bontha
- Co-ordinator - Dr. Akhilesh Shewale

Research Committee

- Chairperson – Dr. P.V. Hazarey
- Member – Dr. S.C. Bontha
- Member – Dr. Ajit Joshi
- Co-ordinator – Dr. Akhilesh Shewale

Recommendations by RICH:

1. To encourage various Departments to conduct Continuing Dental Education programs, workshops and conferences on regular basis for upgradation of knowledge for the benefit of the entire teaching faculty, undergraduate and postgraduate students.
2. The meeting of Research Committee with Research Council to be held regularly every 15 days to assess the progress of their respective research work.
3. Meeting of Research committee to be held regularly at the end of the month.
4. Faculty members and students are insisted to participate actively in carrying out research activities in college.

5. Promote acceptable research proposals for ethical clearance to the Institutional Ethical Committee.
6. Incentives should be given to the students and faculty for research projects and publications.
7. To pursue and make intramural funds available for research by the institution for the selected projects through the Institutional Research Committee and guide the investigators to apply for extramural funds.
8. Promotion of institutional journal- Archives of Dental Research.
9. To enhance the fundamental facilities and work for collaborations & Linkages with other professional Institutes including health care and Engineering Institutes.
10. To promote & guide the presentation of papers & posters at various conferences & CDE programs.

Implementations & Impact of Recommendations:-

1. Establishment of Nodal center for Inter Institutional Inclusive Innovation Center (i4C) in collaboration with Maharashtra University of Health Sciences, Nashik.
2. Both faculty members & Students are working in taking up research projects in different fields and started to participate in 'Avishkar', a Research competition which is held at Maharashtra University of Health Sciences, Nashik.
3. Many programs have been organized by the Departments in form of webinars, CDE Programs, workshops so as to create awareness and interest amongst both students and faculty members.
4. The committee recommends for Research grants through the institution or other funding agencies on the basis of effectiveness of the Research study & its impact on the society at large.
5. The outcome is the University Grants that have been received by various under graduate students and faculty members for their research projects.
6. There is a significant increase in the number of publications in peer reviewed Journals by faculty and students. Also, students from the Institution participate in scientific paper and poster presentations in conferences and workshops.
7. Increase in the number of interdepartmental activities leading to improvement in clinical skills and benefit to the patients with the interdisciplinary approach and treatment modalities.

8. Internet facilities for the students, online subscription to databases like EBSCO and journals available in the library have facilitated research activities amongst students and faculty members.
9. A MOU is in process with renowned institute like Institute of Chemical Technology(ICT), Mumbai.

3.1.2 Does the institution have an institutional ethics committee to monitor matters related to the ethics of inclusion of humans and animals in research?

Yes, we have an Ethical Committee named IEC (Institutional Ethical Committee) with the following mentioned members. Approval from this committee is mandatory prior to initiation of any research in the Institute.

- Dr. Jibkate – Chairperson
- Dr. Jaykumar Gade – Member Secretary
- Dr. M. K. Gupta – Member
- Dr. Pushpa Hazarey – Member
- Dr. Sanjay Patil – Member
- Dr. J. Nayse – Member Statistician
- Mr. Mendhe – Member Legal
- Dr. Shyam Sunder Sharma – Member NGO

The Institutional Ethical Committee meets at least once every year to discuss the research projects mainly for postgraduate dissertations and the faculty members. If required for new research proposals, extra meetings by the Institutional Ethical Committee are conducted.

3.1.3 What is the policy of the university to promote research in its affiliated / constituent colleges?

Maharashtra University of Health Sciences funds for promoting research as per university in pursuance to Clause 4 (I) of MUHS Act, 1998 to promote interest and aptitude for research amongst the medical teachers and to encourage promoting research activities. As the Institution is affiliated to MUHS, Nashik, the following provisions are applicable to our Institute. The admissible amount of research grant for short term research projects per undergraduate Health Sciences student will be up to Rs. 25000/- or as decided by the University and for long term research projects per teacher/MUHS employee will be up to Rs. 1,00,000/- and will be admissible only once in the period of his/her entire service tenure.

The University also conducts research methodology workshops under the Medical Education Training (MET) Cell every month at their regional centers. It is

made mandatory for all the Post Graduate students and Faculty associated with the University.

3.1.4 What are the proactive mechanisms adopted by the institution to facilitate the smooth implementation of research schemes/projects?

a. Externally funded projects (both government and private agencies):

Advancing funds for sanctioned projects.

Long term research projects are submitted by the faculty and short term research projects are submitted by the students. Selected research projects are sent to funding agencies. Funds are received in the form of draft/cheque in the name of Principal Investigator through the Dean for Undergraduate student projects. For faculty members, funds are received directly by the Investigator.

Providing seed money

Research committee of the college recommends the need for seed money on requisition by principal investigator. The Institution provides some seed money through HOD fund to start the project. The institute also ensures the satisfactory and timely completion of the project.

Simplification of procedures related to sanctions / purchases to be made by the investigators.

The Principal Investigator applies to Research Committee for the purchase of required equipments and materials. Research Committee after scrutinizing the proposal recommends its purchase to the Head of the institute.

Autonomy to the principal investigator/coordinator for utilizing overhead charges.

The principal Investigator has the autonomy in purchase of research material and to use the facilities of the college and can utilize the funds provided according to the progress of the project.

Timely release of grants.

Time bound phase wise completion of the research project and submission of progress for utilization of funds to the funding agency ensures the timely release of funds.

Timely auditing

Timely progress report of fund utilization and certificate signed by the Chartered Accountant is to be submitted to the funding agency through the Head of the Institute.

Submission of utilization certificate to the funding authorities.

Reports of fund utilization signed by the Chartered Accountant are submitted to the external funding agency through the Head of the Institute.

Writing proposals for funding.

The research committee helps and guides the investigator to write proposals for funding. Proposals are written as per the requirement of the projects by the Chief Investigators and co-investigator which are then presented before the Research Committee for their approval.

Any training given for writing proposals.

Research Committee guides the faculty and students for research proposals. Other than that, the Institute sends their Faculty and Students for attending workshops on Research Methodology conducted by the University. The Institute also conducts workshops and arranges lectures by experts on how to write proposals to develop their research aptitude.

b. Institution sponsored projects:

Proportion of funds dedicated for research in the annual budget.

The institution has earmarked 10-14% of annual budget for research activities in last 5 years.

Availability of funding for research /training/resources.

- RICH takes care of facilitation of training as well as resources for the research projects. Institution provides funds required for research by the students and faculty members.
- The Institution also encourages various departments to conduct conferences, CDE programs and workshops which will enhance research & knowledge.
- The institution has provided funding for purchase of research/training/resources in various departments.

Availability of access to online data bases.

Yes, the college provides access to online data bases through EBSCO for various National and International Journals pertaining to dentistry and other allied Health Sciences Journals which gives access to many journals. The faculty & students at the departmental level can access NLM, Google Scholar, Research Gate, Curofy, Sci-hub etc. The institution has a budget allocated for utilization of library resources.

3.1.5 How is multidisciplinary / interdisciplinary / transdisciplinary research promoted within the institution?

Between/among different departments

- The Research committee of our institution plays a vital role in identifying and designing the research proposals in such a manner where interdepartmental participation is anticipated.
- Interaction with certain departments has rendered interdisciplinary research possible through interdepartmental collaborations.
- Interdepartmental collaborations exist between following Dental Departments.

- Interdepartmental presentation and participation is carried out every month to enhance & update knowledge about different specialties.
- Post graduate and under graduate students are encouraged to present papers on the subjects of multidisciplinary dentistry.
- Students and faculty members have transdisciplinary research projects in collaboration with various engineering colleges.

Collaboration with national/international institutes / industries.

The institution has the following linkages & collaborations for Research:

The Institute is in the final stage of collaboration with the Institute of Chemical Technology (ICT), Mumbai for process development of dental materials, presently, for the process development of MTA (Mineral trioxide aggregate).

- Indian Institute of Science, Bangalore.
- Indian Institute of Technology, Powai.
- National Environmental Engineering Research Institute (NEERI, Nagpur).
- Government Medical College, Nagpur.
- Indian Institute of Technology, Jabalpur.
- Department of mechanical engineering, VNIT, Nagpur.
- Department of Biochemistry of Government Medical College, Nagpur
- Rural Hospital Nagbhid, District Chandrapur.
- Department of Chemical Engineering, VNIT Nagpur.
- Dhruv Microbiological Lab Nagpur.
- Sharad Pawar Pharmacy College, Nagpur.
- Ramdeobaba College of Engineering.
- Anacon Laboratories, MIDC, Butibori, Nagpur.
- “Amitasha” Industries, Nagpur.

3.1.6 Give details of workshops/ training programs/ sensitization programs conducted by the institution to promote a research culture in the institution.

- The Institute focuses on research culture in the students and faculty by organizing Research day, Research methodology workshops, lectures on basic subjects, biostatistics, inviting experts to promote research culture in the institution.
- Our Institution is actively and regularly conducting Continuing Dental Education Programs, workshops, Hands on courses and seminars for their students and faculty members. These Programs help them in incorporating latest equipments and techniques in their research work.

- Institution also encourages paper presentations, poster presentations for Students at various Conferences. Institute celebrates Research Day where faculties and students present the synopsis of their projects in front of the experts invited from other Institutes. On approval, the Institute provides fund for carrying out the studies.

Please refer the attached annexure 2.4.8

3.1.7 How does the institution facilitate researchers of eminence to visit the campus? What is the impact of such efforts on the research activities of the institution?

- The Institution facilitate researchers of eminence to visit the campus by organizing Continuing Dental Education Programs, Seminars, Interdepartmental Symposiums, Workshops, Hands on Courses and Webinars.
- Various renowned faculties from respective fields are invited to share their views and experience and inculcate the interest in the research activities and make the environment viable for research.
- The travelling and accommodation expenses of these faculties are taken care of by the institution.

Following eminent faculties have visited our campus to enlighten us:

- Mr. Prakash Javadekar, now Hon'ble Union Minister for HRD (Human Resource and Development)
- Dr. Vijay P Bhatkar, an eminent scientist and architect to PARAM series of supercomputers and a Padma Bhushan awardee.
- Dr. Ganpati Dadasaheb Yadav, Vice Chancellor at The Institute of Chemical Technology, Mumbai.
- Dr. Ved Prakash Mishra, Chancellor, KIMSDU, Karad, Maharashtra and Chairman of Academic Committee of Medical Council of India, New Delhi.
- Dr. Dibyendu Majumdar, President, Dental Council of India.
- Dr. Deepak Mhaisekar, Hon'ble Vice Chancellor, MUHS, Nashik.
- Dr. Mohan Khamgaonkar, Hon'ble Pro Vice Chancellor, MUHS, Nashik.
- Dr. Arun Jamkar, Former Hon'ble Vice Chancellor, MUHS, Nashik.
- Dr. Subhash Bhoyar, Dean, CSMSS Dental College, Aurangabad and Faculty Dean, MUHS, Nashik.
- Dr. Mansingh Pawar, Dean, Government Dental College, Mumbai and Member (Dental Council of India)
- Dr. Vinay Hazarey, Dean, Government Dental College, Nagpur and Internationally recognized leader of tobacco cessation and oral precancerous lesions.
- Dr. Rahul Hegde, Vice Dean, Bhartiya Vidyapeeth, Mumbai.
- Dr. Metzger, an eminent Endodontist from Israel.

The impact of the visits of eminent researchers is that it strongly motivates the students and faculty members to carry out research in a large number.

3.1.8 What percentage of the total budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilization.

The Institution has made a financial policy of allocating funds for research. Following are the details of heads of expenditure, financial allocation and actual utilization

YEAR	Details of heads of expenditure	Financial allocation	Actual utilization	% Earmarked
2012-13	Conference, Seminar CDE Programm and workshop Exp.	1630000	1630405	
	Research Fund Expenses- Teachers, Student Research Projects, Consumables purchase for Research and community dept. Exp.	3160000	3158739	
	Travelling Expenses for Research programm	157000	156271	
	Journals purchase for research	1950000	1945304	
	Equipment purchase for research	4250000	4251332	
	TOTAL	11147000	11142051	10%
2013-14	Conference, Seminar CDE Programm and workshop Exp.	2130000	2137063	
	Research Fund Expenses- Teachers, Student Research Projects, Consumables purchase for Research and community dept. Exp.	4225000	4233148	
	Travelling Expenses for Research programm	186000	186356	
	Journals purchase for research	2350000	2357960	
	Equipment purchase for research	1990000	1989765	
	TOTAL	10881000	10904292	10%
2014-15	Conference, Seminar CDE Programm and workshop Exp.	2525000	2523371	
	Research Fund Expenses- Teachers, Student Research Projects, Consumables purchase for Research and community dept. Exp.	4800000	4780004	
	Travelling Expenses for Research programm	785000	782735	
	Journals purchase for research	2260000	2260037	

	Equipment purchase for research	3820000	3820840	
	TOTAL	14190000	14166987	11.00%
2015-16	Conference, Seminar CDE Programm and workshop Exp.	2640000	2637164	
	Research Fund Expenses- Teachers, Student Research Projects, Consumables purchase for Research and community dept. Exp.	5836000	5836705	
	Travelling Expenses for Research programm	792000	791612	
	Journals purchase for research	2350000	2344868	
	Equipment purchase for research	4128000	4127994	
	TOTAL	15746000	15738343	12%
2016-17 *	Conference, Seminar CDE Programm and workshop Exp.	3000000	2986519	
	Research Fund Expenses- Teachers, Student Research Projects, Consumables purchase for Research and community dept. Exp.	6675000	6656372	
	Travelling Expenses for Research programm	850000	845609	
	Journals purchase for research	2600000	2595470	
	Equipment purchase for research	4130000	4127994	
	TOTAL	17255000	17211964	14%
	2016-17 Figures are Provisional and unaudited			

3.1.9 In its budget, do the university earmark funds for promoting research in its affiliated colleges? If yes, provide details.

- Yes, Maharashtra University of Health Sciences funds for promoting research as per university in pursuance to Clause 4 (I) of MUHS Act, 1998 to promote interest and aptitude for research amongst the medical teachers and to encourage promoting research activities.

3.1.10 Does the institution encourage research by awarding Postdoctoral Fellowships/Research Associate ships? If yes, provide details like number of students registered, funding by the institution and other sources.

- The institution is affiliated to Maharashtra University of Health Sciences, Nashik for awarding BDS and MDS degrees. The institution cannot award postdoctoral fellowships.

3.1.11 What percentages of faculty have utilized facilities like sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the institution monitor the output of these scholars?

The Institution has a provision for sabbatical leave for pursuit of research in other institutions.

The Institution has staff leave policy which is followed by all the faculty members.

- 3% of staff of our Institution utilized sabbatical leave for the pursuit of higher research. The outcome of sabbatical leaves is monitored Research Committee with the help of concerned Head of the Department.
- Dr. Sanjay Patil was selected to visit Dr Buchanan's Laboratory, United States of America.
- Dr. Jagan Limje visited U.S.A.
- Dr. Romita Gaikwad visited U.S.A.
- Dr. Anand Wankhede is pursuing PhD at Sharad Pawar Dental College and Hospital, Wardha.
- Dr. Ashish Lanjekar is also pursuing PhD at Sharad Pawar Dental College and Hospital, Wardha.

3.1.12 Provide details of national and international conferences organized by the institution highlighting the names of eminent scientists/scholars who participated in these events.

The details of national and international conferences organized by the institution highlighting the names of eminent scientists/scholars who participated in these events are as follows-

- Co-organizer for 1stEndomeet Conference of Central India by ACE (Association of Conservative Dentist and Endodontics) at SDKS Dental College & VSPM Dental College. Dr. Harpreet Singh was the eminent speaker.
- Co-organizer for 17th IPS PG Convention by VSPM Dental College and research center, Nagpur. Dr. Nagda, Dr. Harsha Arya, Dr. Suresh Meshram were the eminent speakers.
- Co-Organizer for 41st Indian Society of Periodontology Conference, at Chitnavis Center Nagpur from 21st to 23rd October 2016. Some of the eminent speakers were Dr. Robert A. Horowitz, Dr. Peter M. Loomer, Dr. Alain Romanos, Dr. Laxman Samarnayke and Dr. Irfan Rahman.
- Co-organizer for Spandan-17 along with MUHS, Nashik at Nagpur from 2nd to 5th March 2017

3.1.13 Mention the initiatives of the institution to facilitate a research culture in the below mentioned areas:

Training in research methodology, research ethics and biostatistics.

The institute conducts Research Methodology Workshop under the aegis of M.E.T cell of MUHS for post graduate students and faculty members. The Institution has conducted workshop on Biostatistics. Students seek guidance of statisticians for their research work.

In addition to this, the institute sends students and faculty members for attending research methodology workshop conducted by Maharashtra University of Health Sciences at Government Medical College, Government Dental College, Indira Gandhi Government Medical College and NKP Salve Institute of Medical Sciences.

It is mandatory for the post graduate students and faculty members to attend the research methodology and biostatistics workshops.

Development of scientific temperament.

- The Institutional DET cell with RICH motivates and guides the faculty members and students to attend CDE programs, workshops on biostatistics and research methodology, and present scientific papers and posters in conferences and conventions conducted at National and state level. This provides an exposure to the current trends and develops a scientific temper.
- The Institute is committed to provide a platform to all their faculty and students where their research work can be recognized. In one such practice the College releases its scientific Journal: Archives of Dental Research biannually
- The Postgraduate students are encouraged for research work apart from their University Dissertations.
- It has been made mandatory for the Postgraduate students to publish minimum two scientific papers before appearing for their University Examinations.
- Undergraduate students are promoted for taking up research projects in the form of Short Term Research Project (STRP) and faculty members in the form of long term research project (LTRP).
- It is made mandatory for every Faculty member to publish one scientific paper per year in Indexed Journal as a part of their appraisal.
- On the Research Day of the Institute, faculty members invited from other Institutes are invited as experts to scrutinize the new research projects for their efficacy and impact to the society before sanctioning the funds. The institute sanctions funds for approved research projects.
- RICH helps the research scholars for literature references through online databases and Journals available in the Central Library. They are also made aware of other open sources available online to improve the quality of research.

Presence of Medical / Bio Ethics Committee.

As per the rules and regulations laid by the MUHS, Nashik, the institution has established an IEC (Institutional Ethical Committee) in the year 2011 which focuses on inculcating the values of Ethical Research and channelizes research proposals.

Research linkages with other institutions, universities and centers of excellence. (National and international).

The Institute has established research linkages with other institutions, universities and centres of excellence. The details are already mentioned in 3.1.5.

Research programs in Basic Sciences, Clinical, Operational Research, Epidemiology, and Health Economics, etc.

The research studies pertaining to basic sciences, epidemiological research and clinical sciences are carried out by all clinical departments in the form of research projects and dissertations. Research is conducted by the faculty members and the post graduate students in the form of dissertations.

Diagnostic research is carried out in the Department of Oral Medicine & Radiology and department of Oral Pathology and Microbiology.

Promotional avenues for multi-disciplinary, inter-disciplinary research.

- The institutional DET Cell and RICH emphasizes through various programs to take up multi-disciplinary or inter-disciplinary research. RICH helps the researchers to collaborate with other institutions for such projects.
- The students are constantly conducting their Research in association with nearby research centers like VNIT Engineering College, NEERI and other Institutions.
- The Institution also assists students in conducting their research work with various branches of the same field in other institutions.
- The institution is finalizing MOU with ICT, Mumbai for interdisciplinary research, for process development of dental materials, presently, MTA.

Promotional avenues for translational research.

- The Institute aims not only to do research and get their papers published but also the focus is provided on instilling changes in treatment modalities based on community needs.
- We are constantly thriving to impart community based research in the form of data collection through epidemiological studies and application of these data for the benefit of the community.
- One such research is undertaken by Department of Orthodontics and Department of Public Health Dentistry wherein they are working on one project “An Epidemiological Study on Fluorosis in Wakdhara Village.”

Instilling a culture of research among undergraduate students.

- The RICH strives to instill a culture of research among undergraduate students.
- The Undergraduate students are first acquainted with the basics of research. They are encouraged to present scientific papers and posters in various conferences and workshops. Advanced learners are identified to conduct research projects.
- The presentations are done before the research committee. After scrutinizing, the projects are selected to be presented on the Research Day before the Expert Committee for Institutional funding.
- At the same time some of research projects are sent to University for funding.
- Outcome of instilling research culture is that, five of our students have received grants from MUHS for carrying out research.
- Many undergraduate students have participated and presented papers and posters and won prizes at various conferences and workshops, the details being :

Please refer the attached annexure 3.1.13

Publication-based promotion/incentives.

The Institution has linked increments and promotions with the publications. A faculty member must have published at least one paper per year as first author in indexed journal to be eligible for promotion. As a part of appraisal, three policies are adopted by the institution viz. confidential report, Annual Performance Index and self-appraisal.

Providing travel grant for attending national/international conference and workshops.

The Institution has a provision for promoting travel grant to motivate faculty members to attend Conferences and workshops for presenting scientific papers and posters. More than 3.30 lacs have been given for our faculties as incentives. Travel grants have been provided to the Dean, Dr. Jagan Limje along with the following members:-

- Dr. Sanjay Patil – Rs. 3,00,000/-
- Dr. Romita Gaikwad –Rs. 90,000/-
- Dr. Grishmi Niswade – Rs. 10,800/-
- Dr. Juzer Rasul - travel expenses to attend MUHS workshops.

3.1.14 Does the institution facilitate

R&D for capacity building and analytical skills in product development like diagnostic kits, biomedical products, etc. for the national / international market

- Yes the Institution facilitates R & D capacity building program in research.

- The Institution is in process of making MOU with ICT, Mumbai for process development of MTA (Mineral trioxide aggregate).
- Applied for patent for Instrument named “Apexogun” with application number (3297/mum/2013).
- Novel File cleanser for root canal instrumentation.
- Applied for patent for Wing Bib Multihelix Maxillary Expander with application Number (4273/mum/2015) dated 9/11/2015.
- Developed smart phone Android App “PerioGeek”.
- Developed an “Automatic Instrument Sharpener” for improving the efficiency of periodontal instruments.

Development of entrepreneur skills in health care

- The institution takes every effort to develop the professionalism in their students without compromising on the ethical aspect.
- In lieu of the aforesaid motto, one day long orientation program is organized for the Interns before the start of their Internship.
- Students are also guided on their career planning and practice management.
- Focus areas of communication skills such as British Club are emphasized upon.
- As an initiative to develop entrepreneur skills, the college has sent a proposal to set up “Atal Incubation Centre” under Niti Aayog, Government of India, to support and develop startups.

Taking leadership role for stem cell research, organ transplantation and harvesting, Biotechnology, Medical Informatics, Genomics, Proteomics, Cellular and Molecular Biology, Nanoscience etc.

Some of the post graduate students are working towards stem cell research and their applicability in clinical dentistry.

Registry for ‘pre-cancerous lesions’ is maintained by the Department of Oral Medicine and radiology for early detection of Oral Cancer.

Dr. Anand Wankhede who is faculty in Department of Periodontology has attended a workshop on stem cell culture in Pune in November 2014.

Dr. Nilesh Choudhary who is faculty in Department of Pharmacology has presented poster on “Synergistic effect of ciprofloxacin and miconazole on MIC of candida albicans” at NanoCon 2014 , Pune.

3.1.15 Are students encouraged to conduct any experimental research in Yoga and / or Naturopathy?

- Yes, the students are encouraged to conduct research in Yoga and / or Naturopathy.

- Holistic sessions are conducted through organizations like Gayatri Parivar and Art of Living for Yoga and spirituality. The students are in process of taking projects pertaining to Yoga.
- Studies are going on using Herbal products like Neem Oil, Turmeric, Honey, Tulsi etc in dentistry.

3.2 Resource Mobilization for Research

3.2.1 How many departments of the institution have been recognized for their research activities by national / international agencies (ICMR, DST, DBT, WHO, UNESCO, AYUSH, CSIR, AICTE, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.

The institution has received grants from MUHS for research projects. Our institute is recognised as a nodal centre for i4C. i4C is an independent non profit entity which identifies people with innovative ideas. It is a facilitator for people with out of box ideas, or innovative working prototypes. I4C aims to create and foster a culture of innovative thinking. The purpose is to manifest latent ideas into commercial products that can benefit humanity in general, and helps solve India's existing social perils in particular.

3.2.2 Provide the following details of ongoing research projects of faculty:

	Year wise	Number	Name of the project	Name of the funding agency	Total grant received/granted

A) University awarded projects

B) Other agencies - National and International (specify)

Please refer the attached annexure 3.2.2

3.2.3 Does the institution have an Intellectual Property Rights (IPR) Cell?

No, at present we don't have an Intellectual Property Rights (IPR) Cell.

3.2.4 Has the institution taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?

Yes, from Department of Conservative and Endodontics, a patent application titles "Apexogun" application number is 3297/mum/2013 by Dr. Gaurav Tibdewal & Dr. Nitin Jogad.

From Department of Orthodontics, a patent with patent Number 4273/mum/2015 date 9/11/2015 for Wing Bib Multihelix Maxillary Expander by Dr. Mugdha Mankar.

Dr. Deepa Thakur has developed a cleanser for root canal instrumentation. It is in the process of filing patent.

Students from the Department of Periodontology have launched a mobile application “PerioGeek” on android play store. The App aims to act as a solution for renewing one's intellect by providing up to-date notes for immediate revision on various topics in Periodontology.

Dr. Akhilesh Shewale and Dr. Preeti Jayaraman developed an “Automatic Instrument Sharpener” for improving the efficiency of periodontal instruments.

3.2.5 Does the institution have any projects sponsored by the industry / corporate houses? If yes, give details such as the name of the project, funding agency and grants received.

Yes, Corporate companies are regularly sponsoring our Institutional projects by financial assistance or making their products available free of cost.

Please refer the attached annexure 3.2.5

3.2.6 List details of

a. Research projects completed and grants received during the last four years (funded by National/International agencies).

Please refer the attached annexure 3.2.6

b. Inter-institutional collaborative projects and grants received

i) National collaborations

S. No.	Project Title	Sponsoring Facility	Grants Received
1.	Automatic Instrument Sharpener	Ramdeobaba College of Engineering & Management, Nagpur	5,500/-

ii) International collaborations

Digital learning project in collaboration with Center of Microdentistry, California, USA is in process.

3.2.7 What are the financial provisions made in the institution budget for supporting students' research projects?

Research funds are provided by the Institution after approval by Research Committee. Financial provisions made for supporting student research project as under:

YEAR	Details of heads of expenditure	Financial allocation	Actual utilization	% earmarked (% of 3.1.8)
2012-13	Student research projects	7432000	7431333	60%
2013-14	Student research projects	7270000	7269528	63%
2014-15	Student research	9500000	9444658	64%

	projects			
2015-16	Student research projects	1050000	10492229	65%
2016-17	Student research projects	1150000	11474643	65%

3.3 Research Facilities

3.3.1 What efforts have been made by the institution to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?

- The Research committee in consultation with HODs takes efforts to evaluate the needs for improving research infrastructure. Requirements are forwarded to the Dean.
- The institution has all the infrastructure facilities with well equipped latest equipments to cater the need for research projects.
- Equipment and materials required for research such as Piezosurgical unit, Implant kits, Laser, Endodontic operating microscope, Dolphin software, magnification loupes, sinus lift instruments, Intaktbarrier fixation kit, RVG, CBCT unit is recently purchased and is in process of installation.
- Linkages are established with the nearby institutes to facilitate research.
- Upgrading Medical and Dental laboratories.
- Library facilities with maximum number of latest journals, e-books and back volumes.
- Online facility through EBSCO for articles.
- Internet access to all the department computers and LAN facility available for Interdepartmental Communication.
- Conducting various CDE programs like workshop on research methodology to upgrade their research skills.
- Motivating students and faculty for publishing their research work in various Indexed Journals.

3.3.2 Does the institution have an Advanced Central Research facility? If yes, have the facilities been made available to research scholars? What is the funding allocated to the facility?

Advanced Central Research Facility, at present, is not available at our institution.

3.3.3 Does the institution have a Drug Information Centre to cater to the needs of researchers? If yes, provide details of the facility.

At present, we do not have Drug Information Centre.

3.3.4 Does the institution provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists

(national/international)?

Yes, the institution makes provision for accommodation with computer and Internet facilities for research scholars and associates who visit our campus.

3.3.5 Does the institution have centers of national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

Institution is nodal centre for MUHS, Nashik for i4C. i4C is an independent non profit entity which identifies people with innovative ideas. It is a facilitator for people with out of box ideas, or innovative working prototypes. i4C aims to create and foster a culture of innovative thinking. The purpose is to manifest latent ideas into commercial products that can benefit humanity in general, and helps solve India's existing social perils in particular.

The Institution has applied for 'Atal Incubation Centre' under Atal Incubation Mission Niti Aayog, Government of India, New Delhi.

3.3.6 Clinical trials and research

Are all the clinical trials registered with CTRI (Clinical Trials Research of India)?

List a few major clinical trials conducted with their outcomes.

Currently no clinical trials are registered with CTRI but efforts are being undertaken to get registered by 2018.

3.4 Research Publications and Awards

3.4.1 Does the institution publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.

Yes, the Institution has a Journal titled "Archives of Dental Research" which is a bi-annual publication.

Composition of the editorial board

- Editor In Chief : Dr. Sanjay Patil
- Associate Editor : Dr. Priyatama Meshram

It is under process of Indexing.

3.4.2 Give details of publications by the faculty and students:

Number of papers published in peer reviewed journals (national / international)

Please refer the attached annexure 3.4.2(a)

Monographs-

Chapters in Books – 1

Manual of Temporomandibular Joint by Jaypee Publication, 2015. Chapter - 12- Temporomandibular Joint functioning and conservative dentistry. Author- Dr. Rakhi Chandak

Books with ISBN with details of publishers - 13

- Dr. Mrs. P. V. Hazarey : Co- authored book- Burstone's contributions in Orthodontics, Lambert Academic Publication
- Short Handbook on Evidence-based Dentistry by Dr. Manjiri Deshmukh (ISBN 978-3-659-81024-4) (Lambert Academic Publication)
- Role of Ultra sonography in the diagnosis of Head and Neck swelling. Publisher: Lambert Academic Publication(LAP).
Author: Dr. Rakhi Chandak, Dr. Manoj Chandak
ISBN: 978-3-659-18184-9
- Burning Mouth Syndrome & its Pharmacological Management- A Review. Author: Ashish Lanjekar, Sujatha Reddy, Sunita Kulkarni.
Publisher: Lambert Academic Publication(LAP).
ISBN: 978-3-659-64001-8
- Mineral Trioxide Aggregate
Dr. Gaurav Tibdewal, Dr. Sanjay Patil, Dr. Vandana Gade
978-3659123320
LAP Lambert Academic Publication
- Lasers in Endodontics
Dr. Nikhil Mankar, Dr. Sanjay Patil, Dr. Vandana Gade
978-3848487387
LAP Lambert Academic Publication
- Endodontic Sealers
Dr. Nitin Jogad, Dr. Sanjay Patil, Dr. Vandana Gade
978-3659127908
LAP Lambert Academic Publication
- Recent advances in Composites
Dr. Sagar Mohkar, Dr. Sanjay Patil, Dr. Vandana Gade
978-3659287527
LAP Lambert Academic Publication
- Endodontic Microsurgery
Dr. Ankur Banode, Dr. Vandana Gade, Dr. Sanjay Patil

978-3659749582

LAP Lambert Academic Publication

- Endodontic Regeneration
Dr. Deepa Thakur, Dr. Sanjay Patil, Dr. Vandana Gade

978-3659798511

LAP Lambert Academic Publication

- Text Book of Oral Radiology.
Elsevier Publications.

ISBN: 978-81-312-1148-9

- Text Book of Oral Medicine.
Jaypee Brothers .Medical Publisher limited

ISBN: 978-93-5152-303-1

- Scaffolds in Regenerative Periodontal Therapy
Dr. Mitul Kumar Mishra

978-3-330-04534-7

LAP Lambert Academic Publication

Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, EBSCO host, Google scholar, etc.)

Citation Index - range/average

Source Normalized Impact per paper (SNIP)

SCI Image Journal Rank (SJR)

Impact Factor – range /average

H-Index

Please refer the attached annexure 3.4.2

3.4.3 Does the institution publish any reports/compilations/clinical round-ups as a part of clinical research to enrich knowledge, skills and attitudes?

Yes, the Institution publishes Clinical cases, Original Research Studies, short communications in Institutional Journal viz. 'Archives of Dental Research'.

3.4.4 Give details of

Faculty serving on the editorial boards of national and international journals

Faculty serving as members of steering committees of national and international conferences recognized by reputed organizations / societies

Please refer the attached annexure 3.4.4

3.4.5 Provide details for the last four years -

Research awards received by the faculty and students-

Total awards 48

Please refer the attached annexure 3.4.5

National and International recognition received by the faculty from reputed professional bodies and agencies

1. Dr. Mrs. P. V. Hazarey-

- Member of Board of studies clinical [PG] in Maharashtra University of Health Sciences, Nashik.
- Member Board of Examiners for evaluation of Doctoral Theses (PhD) at the University of Kerala
- External Examiner (PhD) at Bharti Vidyapeeth Pune Invited Member Board of PhD at the DMIMS University ,Nagpur
- Member of Editorial Board of Specialty journal (Journal of Indian Orthodontic Society)
- Reviewer for the Journal “Angle Orthodontist”

2. Dr.J.R.Gade

- Member Board of UG Clinical studies at MUHS, Nashik.
- Member board of studies at D. Y. Patil Deemed University, Pune
- PhD Guide at Pacific University, Udaipur.
- Member of UG syllabus Committee in the subject of Prosthetic Dentistry at MUHS, Nashik.

3.4.6 Indicate the average number of post graduate and doctoral scholars guided by each faculty during the last four years.

Please refer the attached annexure 3.4.6

3.4.7 What is the official policy of the institution to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.

Policy of the institution:

- Research projects in the Institution are presented before RICH and IEC for validity.
- Articles to be published in the college journal are checked by plagiarism software.
- No case of plagiarism has been reported till date

3.4.8 Does the institution promote multi/interdisciplinary research? If yes, how many such research projects have been undertaken and mention the number of departments involved in such endeavors?

Yes, the institution promotes multi/interdisciplinary research.

- The total multi/inter disciplinary research projects undertake - 60
- Total Departments involved - 10
- Details are available with the respective departments.

3.4.9 Has the university instituted any research awards? If yes, list the awards.

Yes, the University has instituted research awards. “AVISHKAR” Poster competition for Innovation and Research is organised by MUHS, Nashik every year. Our students are regularly participating in this competition.

3.4.10 What are the incentives given to the faculty and students for receiving state, national and international recognition for research contributions?

- Undergraduate students, post graduate students and staff members are encouraged to present posters and papers at local, national and international conferences.
- Faculty presenting posters, papers at local, national and international conferences are granted special leave and travel expenses.
- Appreciation is awarded by the institution in the form of incentives.
- Eleven faculty members were awarded cash prize of Rs. 3, 30,000/- by the institution.
- Travel grants have been provided to the Dean, Dr. Jagan Limje along with the following members:-
 - ❖ Dr. Sanjay Patil – Rs. 3,00,000/-
 - ❖ Dr. Romita Gaikwad – Rs. 90,000/-
 - ❖ Dr. Grishmi Niswade – Rs. 10,800/-
 - ❖ Dr. Juzer Rasul has also granted travel expenses for MUHS workshops.

3.4.11 Give details of the postgraduate and research guides of the institution during the last four years.

Please refer the attached annexure 3.4.11

3.5 Consultancy

3.5.1 What are the official policy/rules of the institution for structured consultancy? List a few important consultancies undertaken by the institution during the last four years.

The institution is committed to offer consultancy services to rural and peripheral areas in the form of fixed and campaigned schedules. The aim is to provide expertise health care services at affordable cost in the form of examination, investigation, diagnosis, counselling, treatment and rehabilitation.

Few of the consultancies undertaken in last few years are:-

1. Institution gives free consultancy to PIX industries, Amitasha and Mahindra Industries for their oral health care needs.

2. Free consultation is also provided to Prakash Institute of India, Nagpur, Rusa Hostel Daulamethi, Petrol Pumps, Jamia Tur Raasvia Center.
3. Industrial Health Care programs are also been conducted on invitation basis and also on rotation basis for nearby industries.
4. Dentistry Beyond Time (DeBT) - We also provide our services through Evening Dental Clinics which are scheduled after the clinical hours.

3.5.2 Does the university have an industry institution partnership cell? If yes, what is its scope and range of activities?

Yes, the Institution is affiliated to MUHS, Nashik and inter-institutional and industrial collaborative projects are carried out.

3.5.3 What is the mode of publicizing the expertise of the institution for consultancy services? Which are the departments from whom consultancy has been sought?

Institution has manual of consultancy. The institute displays the profile of the faculty in the lobby for consultation. The institution publicizes its consultancy through public health talks, street plays, DeBT, rallies, posters, newspapers, help desks at the registration counter and oral health awareness camp. All the departments provide the consultancy.

3.5.4 How does the institution utilize the expertise of its faculty with regard to consultancy services?

The institution utilizes the services of faculties on rotational basis and gives health talks and motivates the workers and public regarding oral health care.

- Under ‘DEAR Children’ and ‘READY’, our faculties are constantly involved in organizing diagnostic and treatment camps at various places. Also, their expertise is utilized in providing advanced treatment planning for patients.
- For rural and peripheral areas, institution has opened two satellite centers where every day a MDS faculty from different department is recruited for consultancy and treatment of OPD patients.
- Patients requiring advanced treatment are referred to college and are treated on priority basis in college itself same day or next day.
- MDS faculty looks after the case completely and make sure that treatment gets completed.

3.5.5 Give details regarding the consultancy services provided by the institution for secondary and tertiary health care centres and medical / dental practitioners.

- Yes, the institution is multi-specialty centre and extends healthcare services to secondary and tertiary health care centers. Medical and dental practitioners in the nearby vicinity refer their patients requiring advanced diagnosis and treatment to the institute.

- The Institution is committed to the services which are not possible in the primary healthcare centers. Patients requiring advanced treatments are referred to the Institution for treatment.
- The Institution also holds the responsibility of transportation of patients both to and fro. If, however any major treatment required which needs to be performed in hospital both in dental or medical, the institution provides it on very nominal cost which is affordable to them.

3.5.6 List the broad areas of consultancy services provided by the institution and the revenue generated during the last four years.

Following are the enlisted consultancy services provided by institution;-

1. The consultancy is provided free of cost at two of its satellite centers
2. Industrial Health Care programs are also conducted on invitation basis and also on rotation basis for nearby Industries.
3. Detection of oral cancer and cancerous lesions, Aggressive Periodontitis cases and tobacco cessation talks and tobacco cessation consultancy is provided.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the institution sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programs which have created an impact on students' campus experience during the last four years.

- Institution sensitizes its faculty and students by involving them to be a part of various extension activities and social outreach programs.
- Since the institution is in the outskirts of the city, it is dedicated to carry out work for uplifting the overall health i.e. both medical and dental health status of rural population.
- Regular camps are organized by the Department of Public Health Dentistry in nearby areas wherein faculty and students take responsibility to counsel patients regarding their oral health status & refer them to college, when required.
- Institution has Help Desk for patients at the reception counter where Interns from the department of Public Health Dentistry are regularly posted. They counsel the patients regarding the treatment options available within the Institute. They also help the patients with any problem faced by them during the course of their treatment in the institute.
- The institution also carries out various extension & social activities in the form of Vyasanmukti drives and rallies, oral health awareness camps, tree plantation drives, blood donation camps, environmental awareness programs, organ donation & communal harmony drives, etc.

- Orientation programs are conducted for Interns and students where they are made aware of clinical skill development & communication skills in clinical practice and to make the budding dentists realize their duties towards the society at large so that they can be better citizens of tomorrow.
- During the tenure of Internship, interns are posted for counseling about oral health.
- The Interns are deputed on rotational basis during their posting tenure to assist senior patients.

The social outreach programs which have created impact are:-

1. Tobacco free campus.
2. Students have health talks in the society by which they improvise their communication skills and learn to motivate the people.
3. Students visit villages wherein they realize the culture, livelihood, difficulties of the society.
4. Institute has two Satellite centers for rural patients (Hingna & Wadi)
5. School dental health programs at various schools through a project titled “DEAR Children” and adopted three villages under the project ‘READY’.
6. Blood donation camps are organized.
7. Street plays for Vyasankmukti, Misconceptions on dentistry, etc. are organized.
8. Orphanage visits for distribution of clothes and sweets during institutional annual fest.
9. Anti tobacco rallies and drives are conducted every year on Anti-Tobacco Day.
10. Celebration of Women’s Day.
11. Oral Hygiene Day is celebrated in the institution. On this day, camps are conducted at various locations.
12. Free treatment is provided to camp patients.
13. The institute is running a project titled DeBT (Dentistry Beyond Time) for patients who are coming for treatment after the scheduled clinical hours

3.6.2 How does the institution promote university-neighbourhood network and student engagement, contributing to the holistic development of students and sustained community development?

- The institution networks extensively by taking initiative responding to the health needs of the community. It also has a good rapport with the community stake holders like Gram Panchayats, community leaders and voluntary agencies.

- The students are taught to follow the motto of the Department of Public Health Dentistry.
- “We serve only one master – the PATIENT”
- Institution inculcates the value system by abiding the values of 12 “Cs”
- Treatment camps are conducted where no dental facility is available and treatment is also provided for medically compromised patients at their place.
- Considering the location of the institute, it emphasizes on conducting frequent dental outreach programs at remote areas so that sustainable oral health care can be provided to the disadvantaged, far-flung masses at their doorsteps. For this purpose, a network consisting of the faculty, clinicians, students, employees, local residents etc are formed, maintained and developed for the purposes of providing healthcare services, education, counseling, assistance etc.
- During these activities, the local village, gram panchayats, NGOs, political leaders, school teachers, youth generation clubs, government health centers and their staff are all made an active part of this health care and education provision network.
- Due to this, all adjacent areas are gradually being earmarked and connected to the institution. The result is the continuous increase in the daily OPD of the institute.

3.6.3 How does the institution promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International programs?

- Institution promotes participation of their faculty by granting on duty leaves for NSS activity. NSS activities are carried out usually on holidays to avoid the academic loss of the students.
- The Institute is actively participating in the extension activities. One of the student(Dr.Tushar Mohta) from our institute has also received an award from Hon’ble President of India for his work in NCC.
- All undergraduate students are encouraged to join NSS. It also organizes various camps and social work in collaboration with local NGOs.
- Street plays, health talks, cultural programs, health camps including free dental check up camps, yoga, door to door oral health facilities using mobile dental clinic in the rural areas are undertaken periodically by the institution.

3.6.4 Give details of social surveys, research or extension work, if any, undertaken by the institution to ensure social justice and empower the underprivileged and the most vulnerable sections of society?

- In pursuit of the vision and mission of our institution, the institution runs various innovative outreach programs.

- Regular diagnostic and treatment camps are undertaken wherein poor patients are treated free of cost.
- Camps and surveys are being conducted to bring awareness about the significance of the maintenance of oral hygiene, prevention of caries and periodontal diseases, early signs of oral cancer, ill-effects of tobacco consumption, etc.
- Such activities are provided to the classes as well as the masses leading to social justice in terms of availability of dental services to all the strata of the society.
- Under the projects “DEAR children” and “READY”, schools and villages have been adopted by the institution.

3.6.5 Does the institution have a mechanism to track the students’ involvement in various social movements / activities that promote citizenship roles?

- Yes, the institution has a mechanism to track the students’ involvement in various social movements / activities that promote citizenship roles. The Public Health Dentistry Department follows a mechanism for student involvement in various extension and community service projects and the report of these activities is discussed in the clinical forum meetings.
- Feedbacks are taken from the head of the village about rendering services of our students and faculties.
- Institution follows the mandatory guidelines directed by the concerned competent authority while involving, allotting and monitoring each student from respective phase as per requirement. This includes social awareness campaigns too.
- The institution understands the necessity to totally change the approach and attitude of each student towards the needy society as responsible citizens and health care practitioners.
- The mechanism used is as per the academic syllabus in monitoring their academic performance, behavior, discipline, involvement in extra-curricular activities, personality development, etc.
- Projects like ‘Go Green’ Campus, Tree Plantation, and Save Sparrow are undertaken at regular intervals.
- All students and faculty members are active participants of the “Swachh Bharat Abhiyaan” initiative of Hon’ble Prime Minister of India.

3.6.6 How does the institution ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the institution that have encouraged community participation in its activities.

- The Institution ensures the benefit of Community by involving the community in various programs.

- The Institution always maintains healthy relation and conducts regular check-up and treatment camps with community leaders, orphanages and school for special children, Gram panchayats or any other Institute with similar motto.
- Institute works in collaboration with local IDA branch, Rotary and Jaycees for conduction of programs for the benefit of the community.
- Institute also conducts rallies on Organ Donation, Nutrition and Environmental Health and tobacco awareness.
- Free transportation facilities are offered to the camp patients.

Following are the collaborations of our Institute has for carrying out extension activities

S. No		Names
1.	Industries	PIX Industries
		Mahindra Tractors
		Amitasha
2.	Mandir Sansthas	Sai Mandir
		Koradi Mandir
		Adasaa
3.	Schools	Regant school Hingna
		Bhavan's school
		Center point school
		Deshmukh Vidyalaya
		Nehru Vidyalaya
		Gondkhari (Zilla Parishad)
		Shangrilla High school
		School of scholars
		Somalwar High school

3.6.7 Give details of awards received by the institution for extension activities and/contributions to social/community development during the last four years.

Year	Awarded to	Award received
2011	Dr. Juzer Rasul Dr. Ashish Lanjekar Dr. Aamir Ali Dr. Pratik Jaltare, Dr. Pritish Polke, Dr. Pawan Dawane, Dr. Shashank Nanhe, Dr. Mayur Gawande	Felicitation of the doctors at the hands of Hon'ble Minister of Health & Medical Education, for successfully treating approximately 1400 patients in "Rugna Seva Darodari" Rural Health Camp held at Nandurbar

	Dr. Vijay Rode.	

- Letters of appreciation have been received by the students and faculty members of Public Health Dentistry Department from various organizations.

3.6.8 What intervention strategies have been adopted by the institution to promote the overall development of students from rural/ tribal backgrounds?

Intervention strategies adopted by the institution to promote the overall development of students from rural/ tribal backgrounds include The British Club module is an innovative project of the institute which targets mainly students who are from vernacular medium or from tribal background. The main objectives of The British Club are:-

- Instilling self confidence in students by improving their English language.
- Improve comprehension of the language, linguistics, Grammar and expressions.
- Improving vocabulary.
- Improving presentation skills.
- Preparing students for the competition they may face in future.
- Overall personality development of students.

3.6.9 What initiatives have been taken by the institution to promote social-justice and good citizenship amongst its students and staff? How have such initiatives reached out to the community?

- The institution promotes social justice and good citizenship amongst the students and faculty members by orientation classes, anti-ragging committee interactions etc.
- The institution is regularly organizing programs keeping in mind national issues for imbibing good moral values amongst their students and faculty members like Swachh Bharat Abhiyaan, peace rallies, home visits for the old and disabled. During these camps, free dental consultation and treatment are provided to patients.
- Blood donation camps are organized in the Institute on the occasion of Birth anniversary of Late Shri Dadasaheb Kalmegh, whereby students and faculty members are encouraged to donate blood.
- Orphans, physically handicapped and poor patients are treated free of cost in the institute.
- Apart from these, college is also inviting Public Noted Speakers through its British Club Modules from various fields to deliver lectures on their fields of interest for acquiring good citizenship among students and faculty.

3.6.10 How does the institution align itself with the annual themes/programs of WHO/ICMR?

- Institution aligns itself with the annual themes/programs of WHO/ICMR by annually conducting, organizing and celebrating all national and international (WHO) health care and awareness programmes in the form of health care checkups, camps, awareness campaigns, health education, lectures, practical demonstrations and enactments within institution and out of the institution in the form of plays etc
- Following days are celebrated during this program-
 - ❖ International Yoga Day
 - ❖ Dentist Day
 - ❖ World Health Day
 - ❖ Anti-drug addiction day
 - ❖ Organ donation week
 - ❖ Swachhata Divas on Gandhi Jayanti
 - ❖ World No Tobacco Day
- Display boards and banners with useful information, symbols and signs, audio-visual documentaries and cultural programs are other ways to align itself with the annual themes/programs which are followed by the institution.

3.6.11 What is the role of the institution in the following extension activities?

Community outreach health programs for prevention, detection, screening, management of diseases and rehabilitation by cost effective interventions.

- Institution, through its outreach programs recognizes the needs of community. Institution provides free transportation facilities to the needy patients. Along with this, free dental check up, diagnosis and treatment are provided for camp patients.
- Institution has facility of Mobile Dental Van for patients in remote areas.

Awareness creation regarding potable water supply, sanitation and nutrition.

- Institution plays an instrumental role in awareness creation regarding potable water supply. As a Dental Institution, we are concerned with Dental Fluorosis which occurs mainly due to excess of Fluoride content in potable water. There is proper guidance made available for all the Pediatric patients as well as their parents regarding the same. One study related to this is ongoing at Waghdara village by Department of Public Health Dentistry and Orthodontics.
- The institute has also conducted “Save Water” rally.
- Institution is committed to Swachh Bharat Abhiyan, wherein Institution has provided sufficient dust bins, posters regarding sanitation maintenance etc.
- Nutritional status of the patients is taken care of by educating patients at departmental level. Parental awareness programs are undertaken by the Department of Pedodontics, wherein there is one to one interaction between parents and the dentist on the well being of the oral health of the child.

Awareness creation regarding water-borne and air-borne communicable diseases.

- Institution organizes campaigns regarding pollution free environment. We also educate patients at departmental level and also at the satellite clinics for water borne and air borne communicable diseases.
- Projects are given to the interns to make banners or posters to bring about awareness regarding water-borne and air-borne communicable diseases.
- The institution had organized rally on “Environmental health”

Awareness creation regarding non-communicable diseases - cardiovascular diseases, diabetes, cancer, mental health, accident and trauma, etc.

- Institution promotes healthy eating habits and regular exercises in the form of Yoga and meditation to promote health. Banners are displayed for awareness regarding the same.

Awareness creation regarding the role of healthy life styles and physical exercise for promotion of health and prevention of diseases.

Focus is maintained not only for dental health but also for general health by encouraging people through regular exercise, meditation, yoga, balanced diets, including sports in daily routine like activities.

Awareness creation regarding AYUSH Systems of medicines in general and / or any system of medicine in particular.

Here the role is to encourage and educate the basic principles of existence and utilization of the AYUSH systems of the medicine for adopting any system of treatment.

Complementary and alternative medicine.

The Institution provides free medicines from the hospital to those patients who have undergone any surgery. The Institution is trying to include other aspects of medicine like Ayurveda. Students and faculty have taken up research projects regarding usage of drugs other than Allopathic medicines. Physiotherapy for patients of oral diseases is advised whenever necessary.

Pharmaco economic evaluation in drug utilization.

- The Institution has a Pharmacy inside the college premises which is handled by trained Pharmacist.
- The pharmacy looks after the medicinal needs of the OPD patients as well as students of the Institution. Free medicines are provided to the needy patients from the hospital.
- It also helps in maintaining availability of generic medicines so that economical drugs can be obtained by poor patients.

Participation in national programs like Family Welfare, Mother and Child

Welfare, Population Control, Immunization, HIVAIDS, Blindness control, Malaria, Tuberculosis, School Health, anti tobacco campaigns, oral health care, etc.

- The institution abides by the necessity of community with regards to social welfare.
- The Institution is regularly conducting awareness camps on special days of calendar and educating the masses about importance of Oral Health as well as general health.
- The Institution has on its own started Immunization schedule for its faculty and students free of cost for communicable diseases like Hepatitis.
- There are regular rallies on organ donation, environmental health, Anti-tobacco etc organized by Institution which promote oral as well as general health.

Promotion of mental health and prevention of substance abuse.

- The Institution has a psychosocial cell for counseling of students viz. V4U along with Yoga and meditation sessions which look after the mental well being of the students and faculty.
- The students and faculty members of the institute counsel the patients for tobacco cessation.

Adoption of population in the geographical area for total health care.

- The Institution is working on providing sustainable oral and general health care for the remote populations. The Institution is conducting regular Dental diagnostic and treatment camps along with medical Camps.
- The Department of Pedodontics under their banner DEAR-children has adopted 21 Schools for their Extension activities and Services. Similarly, the institute has also adopted 3 Villages viz Sangam, Suraburdi and Bazargaon under the program entitled. The institute looks after the overall dental healthcare needs of the Population.
- The Institution is in collaboration with Local Grampanchayats for subsidized treatment of needy patients. Major surgeries in Medical Hospital or Dental Hospital are conducted either free of cost or at a nominal charge.
- Apart from this, we are also running two satellite centers i.e. at Hingna and Wadi on week days during College working hours. The institution deputes one MDS staff and two Interns from the department of Public Health Dentistry daily to look after the patients surrounding these areas. Simple treatment procedures are done for such patients at the satellite clinic. In case they require complex dental procedures, they are referred to the college using free transport facilities available for them and they are provided with a different colored OPD card which can be reproduced at the institution's central OPD card counter.

- Only nominal charges are recovered from these patients for their treatment.
- The institute is also planning to start two more satellite clinics (Butibori & Bazargaon) in the near future.

Research or extension work to reach out to marginalized populations.

- To reach out to the marginalized populations, the Department of Public Health Dentistry assesses the needs during the camps.
- Along with the above mentioned facilities the Institution conducts regular surveys with camps. This is basically done to know the lacunae and area of concern for the population.
- The Institution studies the treatment needs for the specific population and tries to work accordingly during future programs.
- The referred patients from the satellite clinics and camps are given different colored OPD card which they produce at the central OPD counter in the Institute.

3.6.12 Do the faculty members participate in community health awareness programs? If yes, give details.

- Yes faculty members actively participate in community health awareness programs. The institution has two satellite centers in nearby areas. On rotation basis, one MDS faculty is posted along with two interns. The team looks after the diagnosis and treatment part of the OPD patients on daily basis.
- Other faculty members are sent to specialty camps whenever organized. They also help students in arranging street plays, framing slogans during camps, preparing boards, banners and organizing camps at various places.

3.6.13 How does the institution align itself and participate in National program for prevention and control of diseases?

- Institution participates in association with the adjacent government health centers and social organizations in all national health care programmes throughout the year.
- The institution plays its role in the form of clinical examination and diagnosis, provision of further management in concessional rates, health education, patient/ public counseling, disease preventive and control measures, training, display of boards, banners, distribution of handbills, audio visual documentation etc.

3.7 Collaborations

3.7.1 How has the institution's collaboration with other agencies impacted the visibility, identity and diversity of campus activities? To what extent has the institution benefitted academically and financially because of collaborations?

- The Institution collaborations have increased the visibility, identity and diversity of campus activities by conducting Research Day at the institution.
- Interdepartmental activities and Inter-institutional collaborations have contributed to both short term and long term research, therefore inculcating research culture in the faculty members and students of the Institution.
- Collaborations with companies like Colgate have brought in grants for research which will help the Institution to become a recognized research centre by promoting sponsored research.
- Collaborations with Institutions like NEERI, Government Medical College Nagpur, VNIT College of Engineering, Ramdeobaba College of Engineering, Nagpur have promoted research by providing tools and facilities to the students and faculty members.
- The MOU with ICT, Mumbai is in process for process development of the dental materials, especially MTA.

3.7.2 Mention specific examples of how these linkages promote

Curriculum development

The linkages with other Institutions and Universities has brought upliftment and up gradation in curriculum development.

Internship

Interns attend camps at various institutions, schools, colleges which are conducted by our institution. This imbibes a culture of skill development and awareness regarding research and training. Interns also attend CDE programs, workshops and present papers and posters at local and National level. Undergraduate students also send projects to the Maharashtra University of Health Sciences, Nashik.

On-the-job training

Students are motivated to attend and participate in various local and national conferences and workshops. These programs are helpful in enhancing their clinical skills by way of hands on training and clinical lectures.

Faculty exchange and development

Faculty exchange and development programs are encouraged to enhance knowledge and skills.

Research

Linkages with other institutions have promoted research among the faculty members and students. Research in various fields is carried out at these institutions.

Publication

Research in various fields is carried out in collaboration with various Institutions and is published in national/international journals.

Consultancy

Linkages with other institutions enhance the scope of consultancy. This has also enabled us to reach out to the underprivileged population of nearby villages.

Extension

Camps, satellite clinics, visit to villages etc promote extension services and has improved the number of patients visiting the Institute.

Student placement

Alumni students of the college and faculty through collaborations with various institutions have been placed in various hospitals and dental colleges. Some students have joined the institution as faculty and some have joined as House officer in dental colleges in cities like Mumbai.

- Dr. Arjun Dangare: 2006 Batch: MS in Public Health
- Dr. Satyanarayan Pandey: Defence Services
- Dr. Ambika Narayan: Defence Services
- Dr. Srilekha Borkar: Selected in ISB (International School of Business)
- Dr. Sonal Thorat: Master in Public Health 2007
- Dr. Deepak Wathore: 2008 DDS USA

Any other (specify)

3.7.3 Has the institution signed MoUs or filed patents with institutions of national/international importance/other universities/ industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the institution?

- Institution is in process of Signing MoU with Institute of Chemical Technology (ICT), Mumbai for the process development of MTA.
- The Department of Conservative Dentistry and Endodontics had applied for patent for an instrument named “Apexogun” with application number is 3297/mum/2013 by Dr. Gaurav Tibdewal & Dr. Nitin Jogad.
- Department of Orthodontics have applied for patent with patent Number 4273/mum/2015 date 9/11/2015 for Wing Bib Multihelix Maxillary Expander by Dr. Mugdha Mankar.
- Institute has letter of intent signed with Anacon laboratories, Butibori, Nagpur, Amitasha Enterprises Pvt. Limited, Nagpur and I4C.

3.7.4 Have the institution-industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

At present there is no Institution – Industry interactions which have resulted in highly specialized laboratory or facility. We are in the process of establishing a CBCT center of our institution.

3.7.5 Give details of the collaborative activities of the institution with the following:

Local bodies/ community

Institution is regularly conducting programs like rallies, diagnostic camps, treatment camps with Local bodies and Communities like Mandir Sansthas, Zilla Parishad Schools, and Housing Societies. The programs are of great help in the form of data collection, conducting epidemiological surveys and formulating the treatment needs of the society.

State government / Central government /NGOs

The Institution collaborates with the authorities like Police Department, Government Medical and Dental Colleges for carrying out these programs.

National bodies

The activities are conducted many times in collaboration with National bodies Like IDA and other national level Specialty societies like Indian Orthodontic Society, Indian Society of Periodontology etc.

International agencies

Health Care Industry – Biomedical, Pharmaceutical, Herbal, Clinical Research Organization (CRO)

Research activities are conducted in collaboration with companies like Colgate- Palmolive. The activities are conducted in compliance with our University MUHS, Nashik, Dental Council of India and Ministry of Health and Family welfare.

Service sector

The institution is in collaboration with nearby Industries like PIX Industries for their treatment needs.

Any other (specify)

3.7.6 Give details of the activities of the institution under public-private partnership.

- The Institution has conducted camps at various schools and factories in collaboration with Colgate and IDA.
- The Institution has conducted rallies against the use of tobacco and organ donation at various events.
- The interns and students of the Institution perform street plays at camps for awareness of the patients regarding the use of tobacco.

Any other information regarding Research, Consultancy and Extension, which the institution would like to include.

Institution has purchased Piezo-electric surgical unit which is mainly useful to carryout procedures like Wilckodontics so as to accelerate the orthodontic treatment of mal-aligned teeth. This is basically useful for accelerated Orthodontic treatment.

CRITERION IV: INFRASTRUCTURE

4.1 Physical Facilities

4.1.1 How does the institution plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

- The institution is spread in a vast area of 5 acres in the heart of Hingna, Nagpur Maharashtra. The campus is eco-friendly and goes by the “Go Green” concept.
- The Physical facilities include lecture halls with LCD projectors with ICT facilities, 8 seminar rooms, well equipped Pre-clinical lab, Auditorium, Gym, Central Library, Digital Library, Medical teaching attachment along with 100 bedded Hospital of the college. The Institute has appointed various Administrative Committees and In-charges to ensure and monitor optimal utilization of the facilities.

4.1.2 Does the institution have a policy for the creation and enhancement of Infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

- Yes, the Dean in consultation with the Head of the Departments takes regular feedback regarding enhancement of infrastructure and procurement of newer facilities to ensure and promote quality teaching.
- The budget allocation for purchase of latest equipment's is undertaken by the
- Purchase committee periodically.
- As a recent initiative, the library has been enhanced with e-learning facilities and the classrooms are ICT enabled.
- Regular meetings are held with the governing body, Dean and Heads of various departments to discuss and improvise the infrastructure requirements for better teaching and learning process.
- Based on requirement and utilization, institute has added following physical facilities in last few years:
 - a. Development of separate centralized well equipped implant clinic.
 - b. Seminar hall in each and every dental department.
 - c. Formulation of Examination cell.
 - d. Installation of CCTV in exam hall and throughout the campus.
 - e. Smart Classrooms with digitalized teaching facilities.
 - f. Auditorium to accommodate large audience with acoustic facilities.
 - g. Paper and plastic free Zone.
 - h. One room is allocated for British club library and planning for future development is going on.

4.1.3 Has the institution provided all its departments with facilities like office room, common room and separate rest rooms for women students and staff?

- Yes, the institution provides all its departments with the infrastructure facilities as per the guidelines of DCI
- Each department has separate cabins for Head of the Departments and Professors, Readers and lecturers. Postgraduate students have a separate common room with individual workstations and locker facilities. The departments also have common rest rooms. However, there are separate rest rooms for women and men on each floor, which are accessible to students, staff and patients.

4.1.4 How does the institution ensure that the infrastructure facilities are barrier free for providing easy access to college and hospital for the differently-abled persons?

- Lift is provided for differently abled patients to approach for effective treatment in the medical hospital.
- All differently abled patients are treated with extra care and compassion with personal attention given to them.
- There is a helpdesk to offer assistance to uneducated patients, senior citizens, patients with disabilities.
- Special clinic in the ground floor of the dental hospital that is PG section of department of Oral Diagnosis Medicine and Radiology specifically caters to the needs of differently abled patients.

4.1.5 What special facilities are available on campus to promote student's interest in sports and cultural events/activities?

- Indoor and outdoor sports are highly encouraged. Indoor games available are table tennis, chess and carrom.
- A separate area is made available for throw ball and volley ball enthusiasts. Volley ball is regularly played within the Campus ground.
- In the campus, there is a functional gymnasium which is made available for the students.
- For other outdoor sports like cricket and football, the Shangrila Maidan of Shangrila High School is used.
- The Institution holds the culture of celebrating birth anniversary and death anniversary of Swargiya Dadasaheb Kalmegh, and annual cultural college fest, Convocation ceremony "UDAAN", Ganesh Utsav which is a 10 day extravaganza. These cultural activities are held every year.
- The students are encouraged for various other cultural activities like singing, dancing, painting, literary arts, cooking, quiz, debates, mehendi, rangoli and photography to showcase their talents during the college week.
- All these activities are conducted in Auditorium to accommodate large audiences with acoustical requirements.

4.1.6 What measures does the institution take to ensure campus safety and security?

- The institution has appointed round the clock private security organization to man the whole campus including Hostel and staff quarters.
- CCTV cameras are placed at strategic locations for 24 hour surveillance. The campus is very well lit which creates a sense of safety.
- Identity cards have been issued to the Students College students are not permitted to enter the campus without their identity cards.
- Strict entry and exit timings are implemented. The wards residing in the hostel are not allowed to leave the hostel without prior permission of the warden. It is mandated to return to the campus before 7.00 pm. On the weekends, without parent's written consents, the wards are not allowed to leave the campus.
- Every movement of the students during college teaching hours is monitored through movement register maintained by all the departments. If any student has justifiable reason, he/she can leave the campus only after getting the gate pass duly signed by teacher in charge, Head of the Department and the Dean.
- All the movements of student and faculty are monitored and entry is made in the registers maintained by the Guard posted at the main Entrance.
- Resident wardens in the boys and the girl's hostel are responsible and guarantee safety of inmates within the hostel.
- The section head of the security organizes periodic meetings and briefing with the Security with regards to safety.
- Fire fighting facilities are available at strategic locations and fire drills are also organized periodically to highlight fire safety.
- An anti-ragging committee, Student Welfare Committee and Grievance cell are formed so as to ensure the care and safety of all students.

4.1.7 Facility of Animal House

Not available

4.1.8 Provide the following details on the use of laboratories/museums as learning resources:

Number

The institution has 15 Labs and 7 museums

Please refer the attached annexures 4.1.8

Maintenance and up-gradation

Descriptive catalogues in museums

Usage of the above by the UG/PG student

- All the laboratories and museums of the respective department are regularly maintained and upgraded from time to time.

- The museum, pictorial charts and diagrams are used for teaching and learning for UG and PG courses. Various models films and X-rays are also made available in the laboratories.
- Catalogues in the various Museum are well labeled and in sequence
- The Museums are also utilized for patient education and counseling, oral health education and treatment planning.

4.1.9 Dentistry

Dental Chairs in the clinic: Total = 288

Total Dental chairs specialty-wise in the Institution:

Please refer the attached annexures 4.1.9

Schedule of chair side teaching in clinics - specialty wise

- BDS 3rd Year – 21/2hrs /day
- BDS 4th year – 31/2 hrs /day
- Intern - 4-5hrs/day
- Post graduates – 5-6hrs/day
- Interaction Module, a unique medium, for UG students with the subject expert and group teacher is scheduled every day between 1.30pm to 2.15pm on all working days to make the subject easier, understandable and create curiosity for future prospects in Dentistry.

Chair side teaching in clinics in various specialties for postgraduate

Students:

- 1st MDS : 1st term – 3hrs/day
2nd term- 10.30am to 3.30 pm
- 2nd and 3rd MDS : 10.30am to 3.30 pm

Number of procedures in the clinics per month and per year

- Details available in the department.

Mobile Dental Care Unit

- A well equipped and high tech mobile dental care unit is available in the institution. It has two dental chair fitted with compressor airtor, micro motor and ultrasonic scaler. Other facilities include autoclaving equipments, with asserting capacity of 10 personnel.
- Mobile dental care services are very useful in remote areas where there is apaucity of dental infrastructure. Mobile dental care services are feasible in such areas.
- The availability of mobile dental unit facilitates student's participation in community based activities. Various camps are organized in remote and rural areas through mobile dental care units which not only fulfill the criteria of

service, but also instill values in students to contribute towards community development.

- Students and staff routinely perform treatment, promote health education, screening and provide primary health services in such programmes.

Facilities for dental and maxillofacial procedures

- The Institution has various equipments and facilities which include Trauma Center, Cleft Lip and Palate Rehabilitation Centre and Post-Operative Rehabilitation Center for Cancer patients
- The institution has materials and equipments for treating and providing rehabilitation to patients with Maxillo-facial anomalies, developmental or acquired defects.

Dental laboratories

- The respective departments have well equipped laboratories and trained technicians to provide treatment to patients with desired restorations.
- The Oral Pathology department has a well-equipped Laboratory for Processing on blood samples and tissue specimen.

4.1.10 Pharmacy: NA

Pharmaceutical Science Laboratories

Museum for drug formulations

Machine room

Herbarium / crude drug museum

Balance room

Chemical store

Instrumentation facilities

Pilot plant

Computer aided laboratory

4.1.11 Yoga and Naturopathy

Demonstration hall with teaching facility to cater to the needs of the students.

Diet Service Management Department

Yoga cum multipurpose hall for meditation and prayer- Available.

Solarium compatible for multimedia presentation

Mud Storage Unit

Outdoor Facilities - Walking track with reflexology segment.

Swimming Pool

Naturopathy blocks

- The institution has facility to practice yoga for staff and students which is held once a week.
- Yoga experts are called to train the staff and students for yoga and meditation

4.1.12 Homoeopathy -NA

Museum and demonstration room (Homoeopathic Pharmacy Laboratory, Pathology Laboratory, Community Medicine, Homoeopathic MateriaMedica, Organon of Medicine including History of Medicine) Repertory with Computer Laboratory and Demonstration room.

4.1.13 Nursing –NA

4.1.14 Ayurveda –NA

4.1.15 Does the institution have the following facilities? If so, indicate its special features, if any

Naturopathy blocks

Meditation hall

- The institution makes it convenient for the staff and students to practice yoga and Meditation.

4.1.16 Provide the details of sophisticated equipments procured during the last four years

The institution has procured instruments and equipments to upgrade the standard of teaching and for effective patient treatment and student learning like Piezosurgical unit, Implant kit, Laser, Endodontic operating microscope, Dolphin software, magnification loupes, sinus lift instruments, Intakt barrier fixation kit, RVG, CBCT.

4.2 Clinical Learning Resources

4.2.1 Teaching Hospital

	Dental hospital	General hospital
Year of establishment	2005	2008
Hospital institution distance	0 Km (within the same building)	0 Km (Within the campus)
Whether owned by the college or affiliated to any other institution?	Run by Swargiya Dadasaheb Kalmegh Smruti Pratishthan and affiliated to Maharashtra University of Health Sciences, Nashik	
Are the teaching hospitals and laboratories accredited by NABH, NABL or any other national or international	No	No

accrediting agency?		
Number of beds (Dental Chairs/Units)	Beds – 3 Dental Chairs – 288	100 beds (5 casualty beds)
Number of speciality services	09	06
Number of super-speciality services	02	00
Number of beds in ICU / ICCU / PICU / NICU, etc.	Nil	ICU-6 ICCU-4
Number of operation theatres	-	02
Number of Diagnostic Service Departments	09	06
Clinical Laboratories	Yes	Yes
Service areas viz. laundry, kitchen, CSSD, Backup power supply, AC plant, Manifold Rooms, pharmacy services	Yes, Kitchen, backup supply, CSSD, pharmacy services are available	Yes kitchen, backup supply, CSSD, pharmacy services are available
Blood Bank services	No	NO
Ambulance services	Yes	Yes
Hospital Pharmacy services	Yes, out sourced	Yes, out sourced.
Drug poison information service	No	Yes
Pharmacovigilance	No	No
Mortuary, cold storage facility	No	No
Does the teaching hospital display the services provided free of cost?	Yes	Yes
What is the mechanism for effective redressal of complaints made by patients?	• Patient can put up their grievances/complaints through patient feedback form at hospital reception. • For any immediate response on the complaint, they can approach senior faculty/HOD of the department. • If solution is not arrived at department level, they can approach Vice Dean/Dean office. • They make sure that the patient complaint is verified and solved on priority basis.	

Give four years statistics of inpatient and outpatient services provided.	2013	2014	2015	2016	2013	2014	2015	2016
	65392	124767	120438	120785	IP: 14971 OP: 29916	IP: 14973 OP: 29176	IP: 15159 OP: 29302	IP: 153950 OPD: 30028
Does the hospital display charges levied for the paid services?	Yes			Yes				
Are the names of the faculty and their field of specialization displayed prominently in the hospital?	Yes			Yes				
Is pictorial representation of the various areas of the hospital displayed in a manner to be understood by illiterate patients?	Yes and also bi-lingual display is available (English and Marathi).			Yes and also bi-lingual display is available (English and Marathi).				
Is there a prominent display of ante-natal, mother and child health care facilities?	NA			Yes				
How does the hospital ensure dissemination of factual information regarding rights, responsibilities and the health care costs to patient and the relatives/attend	• Various displays taking care of information are in individual departments. • Patients/relatives/attendants can enquire or obtain information regarding rights, responsibilities and grievances			• Various displays taking care of information are in individual departments. • Patients/relatives/attendants can enquire or obtain information regarding rights, responsibilities through the reception and faculty of the department.				

ants?	through help desk and faculty of the department.	
How does the hospital ensure that proper informed consent is obtained?	- Patients are provided with proper diagnosis and treatment options. - The explained procedure is performed as per patient's desire and an informed consent is obtained in respective OPD card of the patient.	- Prescribed proformas for various procedures are provided to the patients. - The explained procedure is performed as per patient's inclination to receive the treatment and an informed consent is obtained.
Does the hospital have well-defined policies for prevention of hospital-acquired infections?	Yes	Yes
Does the hospital have good clinical practice guidelines and standard operating procedures?	Yes	Yes
Does the hospital have effective systems for disposal of bio-hazardous waste?	Yes, outsourced through Super hygiene disposals.	Yes, outsourced through Super hygiene disposals.
How does the hospital ensure the safety of the patients, students, doctors and other health care workers especially in	- The faculties posted in the department maintain the clinical acumen to ensuring the safety of the patients, students, doctors - Yes, the safety	- The faculties posted in the department maintain the clinical acumen, ensuring the safety of the patients, students, doctors and other health care workers. - Yes, the safety measures are displayed in the relevant areas of the hospital.

emergency department, critical care unit and operation theatres? Are the safety measures displayed in the relevant areas?	measures are displayed in the relevant areas of the department.	
How are the Casualty services/Accident and Emergency Services organized and effectively managed?	- Dental emergencies are given the utmost importance. Such patients are diagnosed and referred to respective departments on urgent basis. - Personal assistance is provided if required by the faculty for such patients. - The referred department takes up such patients and ensures effective management immediately and effectively.	- Separate casualty reception is there in the hospital. Cases are given priority and are allocated immediately to concerned department/ specialty. - Personal assistance is provided if required by the faculty for such patients. - The referred department takes up such patients and ensures effective management.
Whether the hospital provides patient friendly help-desks at various places.	Yes	Yes
Does the hospital have medical insurance help desk?	Not Applicable	Yes
What are the other measures taken to make the hospital patient	- Spacious neat and clean waiting areas and workstations. - Effective helpdesk.	- Clear display boards – English and Marathi language. - Special care for geriatric patients and other medically compromised

friendly?	• Filtered drinking water. • Free/concessional rates for poor patients. • Free treatment for the child patients. • Clear display boards – English and Marathi language. • Television display Procedures. • Separate payment desk at individual floor of the hospital. • Special care for geriatric patients. • Special clinic in the ground floor for disabled patients.	patients. • Separate payment desk at individual floor of the hospital • Special care for geriatric patients. • Indigent patients (annual income up to Rs. 50000/- only) are treated totally free of cost and economically weaker section patients (annual income Rs. 50001- 100000/-) are charged 50% of the total treatment cost (inclusive of investigation) as per guidelines of charity commissioner Nagpur.
How does the hospital achieve continuous quality improvement in patient care and safety?	• Quality is a continuous process • Patient feedback is taken from the entire department, critically reviewed and required action is taken. • Strict infection control measures are adhered to in order to safeguard the patient and health care providers health. • Latest equipments are procured and existing ones are upgraded from time to time to provide modern treatment facilities to all patients. • Continuous up gradation of knowledge of faculty and student	• Quality is a continuous process • The HOD discusses matters related to patient's grievances and sorts them out within their capacity. • Strict infection control measures are adhered to in order to safeguard the patient and health care provider's health. • Latest equipment is procured and existing ones are upgraded from time to time to provide modern treatment facilities to all patients. • Continuous up gradation of knowledge of faculty and student is ensured through CDE programmes, seminars and workshops. • Suggestion by the patients are welcomed and appropriate measures are taken by the institute.

	is ensured through CDE programmes, seminars and workshops. • The HOD discusses matters related to patient's grievances and sorts them out within their capacity. • Feedback by the patients are welcome and appropriate measures are taken by the institute.	
What are the measures available for collecting feedback information from patients and for remedial actions based on such information?	• Feedback forms are available with the entire department for the patients critical evaluation towards the services provided by the institution. • "May I help you" desk at the hospital reception • Suggestion boxes placed at various places for the hospital • The gathered information is put up to Director Administration of Dental Unit	• "May I help you" desk at the hospital reception. • Suggestion boxes placed at various places for the hospital. • The gathered information is put up to CEO, Medical Hospital and HODs of respective specialities to provide maximum satisfaction to the patients.
How does the institution ensure uniformity in treatment administered by the therapists?	• It is mandatory to follow the Standard Operating Procedures by the therapist. • The treatment given to the patients is directly under the supervision of faculty of the respective department. • The treatment	• It is mandatory to follow the standard operating procedures by the therapist. • The treatment given to the patients is directly under the supervision of faculty of the respective department. • The treatment quality is ensured prior to the discharge of the patient by a competent faculty/authority.

	quality is ensured prior to the discharge of the patient by a competent faculty/authority.	
Does the institution conduct any orientation training program for AYUSH-based para-medical staff?	No	No

4.2.2 What specific features have been included for clinical learning in the out-patient, bedside, community and other clinical teaching sites?

1. Clinical teaching in out-patient departments is mainly by
 - Chair side teaching and Case discussions.
 - Case discussion and teaching during operative procedures.
 - Group demonstrations.
 - Individual student guidance.
 - Seminars.
 - Student projects.
 - Quiz.
 - Group discussion.
2. Clinical learning in community based camps include
 - Understanding the general and oral health status of the region and their perceptions regarding general and oral health maintenance
 - Learning by treatment demands by the way of surveys and patient screening
 - Importance is given in the subject of screening of patients for diseases like general and oral premalignant lesions, oral cancer.

4.3 Library as a Learning Resource

- #### **4.3.1 Does the library have an Advisory Committee? Specify the composition of the committee. What significant initiatives have been implemented by the committee to render the library student/user friendly?**

Yes, the library has a Library Advisory Committee with the following faculty and supporting staff

Library Advisory Committee

Chairman	Dr MK Gupta
Secretary	Dr Jaykumar Gade
Member	Dr Achint Chachada
Member	Dr Ambar Raut
Member	Dr Nitin Fating
Member	Mrs Sarojbala Lilhore

The Library Committee has taken the following significant initiatives

- Library Management System Software (S.S. Enterprises).
- Certificate of Appreciation to Under Graduate Students for extensive and exhaustive usage of library facilities.
- Institute also provides refreshments for the students studying in the library for long hours.
- Library workshop for library staff.
- Workshop for post graduate students & staffs for usage of Ebscosoft ware.
- Library services (issues, receipts and procurement) to be computerized.
- MEDKER/MEDLINE, electronic data searching facility.
- Reprography services: Scanning facility.
- Incorporation of latest books and journals periodically.
- Partial automation.
- Bar code system for complete automation in future.
- Extended timings during examination.

4.3.2 Provide details of the following:

Total carpet area of central library	8000 Sq Ft	
Total seating capacity	200	
Working hour	Working days	9 am to 8 pm
	Holidays	11 am to 5 pm
	During examination	9 am to 11 pm
	During vacation	9 am to 8 pm
Layout of library individual reading carrels lounge area for browsing	No Yes Yes	

relaxed reading IT zone for accessing e-resources	Yes	
Clear and prominent display of floor plan	Yes	
Adequate sign boards	Yes	
Fire alarm	Yes	
Access to differently-abled users	Yes	
Mode of access to collection	Closed access	
List of library staff	Staff's Name	Designation
	Mrs Sarojbala Lilhore	Assistant Librarian
	Mrs Vrinda Ghate	Assistant Librarian
	Mrs Nirmala Sarusare	Library clerk
	Mr Prashant Patil	Library Attendant

4.3.3 Give details of the library holdings:

Print (Books, Back Volume, Thesis, Journals)

Print	Books		3194
	Total no of titles		1207
	Back volumes		10 yrs of journals
	Journals		118
Average number of books added during the last three years	2014	2015	2016
	7	78	44
Non Print (Microfiche, AV)	CDs 70		
Electronic (e-books, e-journals)	e-Journals – 70; e-books: 70		
Special collections (e.g. text books, reference books, standards, patents)	Yes		
Book bank	No		
Question bank	Yes		

4.3.4 To what extent is ICT deployed in the library? Give details with regard to

Library automation	Partially automated
Total number of computers for general access	06
Total numbers of printers for general access	01
Internet band width speed □ 2mbps □ 10 mbps □ 1 GB	10 mbps
Institutional Repository	Under process
Content management system for e-learning	EBSCO
Participation in resource sharing networks/consortia (like INFLIBNET)	NO

4.3.5 Give details of specialized services provided by the library with regard to :

Manuscripts	No
Reference	Yes
Reprography / scanning	Yes
Inter-library Loan Service	No
Information Deployment and Notification	Yes
OPACS	No
Internet Access	Yes
Downloads	Yes
Printouts	Yes
Reading list/ Bibliography compilation	Yes
In-house/remote access to e-resources	No
User Orientation	Yes
Assistance in searching Databases	Yes
INFLIBNET/HELINET	No

4.3.6 Provide details of the annual library budget and the amount spent for purchasing new books and journals.

Sr.no.	Year	Journals (INR)	Books (INR)
1	2012-13	1945304	949600
2	2013-14	2357960	39535
3	2014-15	2260037	1494381
4	2015-16	2344868	1420869
5	2016-17	2445869	1522775
	Total	11354038	5427160

4.3.7 What are the strategies used by the library to collect feedback from its users? How is the feedback analyzed and used for the improvement of the library services?

- Periodic feedbacks are taken through feedback forms that are analysed at end of every month and required changes are made.
- Complaint registers and complaint box are available.
- Suggestions and comments can also be presented to institute's library committee.
- Any complaints are rectified as early as possible.

4.3.8 List the efforts made towards the infrastructural development of the library in the last four years.

- Library entrance has been modified and made attractive with a display of graduate attributes 12C.
- A separate section is established for PG students and staff as reading area.
- LAN services were introduced with six computers for internet usage and Ebsco host services.
- CCTV cameras for safety as well as theft.
- Scanners and Xerox machines are available.
- Separate digital section has been established.
- A special section was established for journals.

4.4 IT Infrastructure

4.4.1 Does the institution have a comprehensive IT policy with regard to:

IT Service Management	Yes
Information Security	Yes
Network Security	Yes

Risk Management	Yes
Software Asset Management	Yes
Open Source Resources	Yes
Green Computing	Yes

Green Computing:

The College has undertaken following measures on green computing.

- CRT (cathode ray monitors) Monitors are being replaced by LCD (liquid crystal display) and LED (light emitting diode) monitors.
- Replacement of older generation computers with newer less energy consuming computers.
- Updating the computers wherever possible instead of going for new systems.
- Turning off the computers at the end of the work.
- Automatically turn off the computer monitor display after 10 min of idle usage.
- Turn off the hard disk after 10 min of idle usage.
- Computer monitors brightness setting are at 30% and contrast at 70%.
- Refilling of Printers Ink cartridges rather than buying new ones.

4.4.2 How does the institution maintain and update the following services?

Hospital Management Information System (HMIS)	Yes
Electronic Medical Records System (EMR)	Periodically upgraded as per the institutional policy and needs. This is developed by the institute itself.
Digital diagnostic and imaging systems including PACS	Through periodic updates provided by the licensing company.

- The institute has established a paperless data system throughout the college on LAN. This system integrates the central and departmental working.
- The digital diagnostic and imaging systems present in Conservative Dentistry and endodontics, Pedodontics and preventive dentistry, Department of Oral Radiology and Diagnosis, Orthodontia and allied concerned specialties in the hospital are maintained regularly by the authorized personnel on LAN Dolphin Software.

4.4.3 Give details of the institution's computing facilities i.e., hardware and software.

Number of systems with individual configurations	11 – administrative section; 42 – academic section Dual – Core. 1 GB RAM. 2.8 GHz 500 GB Hard Disk Core I3. 2 GB RAM. 500 GB Hard Disk -
Computer-student ratio	1:13
Dedicated computing facilities	05
LAN facility	Yes. To all computers, 10 / 100 Mbps
Wi-Fi facility	Yes.
Proprietary software	Windows 7 and Windows XP Quick Heal and ESet Antivirus
Number of nodes/ computers with internet facility	55
Any other (specify)	Central server Smart Board – 1 LCD - 11 Printers - 24 (4 All in one Printers) Scanner - 1 Copier - 3

4.4.4 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

Number of computers	• 55 computers. • The institute plans to increase its IT resources by purchasing more computer units for it academic and administrative section. • This step will ensure less _computer to student ratio which is at present 1:13.
Up gradation of computers	• With the fast changing technology the institute is proposing to upgrade its present computer configuration to higher version. This implies to up gradation of the operating systems also.
LAN facility	• The institute has LAN facility by providing more ports to the various department • The LAN speed has increased from 4 Mbps to 8 Mbps .
Security	• Anti – Virus (Sementi end Port Protection). • Plans to increase its information and network security by the way of competent third party companies. • More robust risk management.
Open source resources	• EBSCO • Plans to tie up with more number of open source resources for the benefit of it faculty

	and students.
Green computing	E- Waste management is out sourced to a government recognized organization.
ICT module	- Provision of LCD projectors in seminar room and class room to enable the teaching and learning process for displaying the video presentation as a part of ICT module. - Scanners. - Smart board facilities.
Wi-Fi facilities	Yes

4.4.5 Give details on access to on-line teaching and learning resources and other knowledge and information database/packages provided to the staff and students for quality teaching-learning and research.

- E- Journal access through EBSCO to more than 500 journals online.
- Centralised LAN facility for Interdepartmental communication.
- Smart class room to enhance teaching and better understanding of the subject by the students through ICT modules.
- Virtual Classroom- The institute has introduced the virtual classroom for 3D live recording of the lectures and various clinical Procedures through Digital learning Projects.
- Webinars are organized regularly.
- Access to online teaching and learning resources for Staff and students.

4.4.6 What are the new technologies deployed by the institution in enhancing student learning and evaluation during the last four years and how do they meet new / future challenges?

- Digitalization of clinical cases is done for enhancing teaching learning for future reference.
- Smart Classroom to make learning process simple and productive. It encourages Auditory, Visual, Tactile and Interactive learning processes.
- Live 3D demonstration of lectures and clinical procedures.
- Online journal seek facility.
- Encouraging the students to develop the habit of reading journals.
- The campus has been made Wi-Fi enabled to help student and staff to have instant access to internet predominantly for academic purposes.

4.4.7 What are the IT facilities available to individual teachers for effective teaching and quality research?

- ICT enabled Classrooms.
- Computers.
- Internet and LAN facility.
- Wi-Fi facility.

- L.C.D Projectors enabled lecture halls.
- Access to web – based open resources.
- Videos.

4.4.8 Give details of ICT-enabled classrooms/learning spaces available within the institution. How are they utilized for enhancing the quality of teaching and learning?

The Institute has well-furnished four lectures halls and all the lecture halls are provided with:

- Computer
- LCD Projectors.
- Audio System.
- Internet facility.
- One Class room has Smart board learning source.

The teacher utilizes these resources to enhance and support the teaching and learning process. The Institute ensures optimum utilization of these resources for teaching and Research.

4.4.9 How are the faculty assisted in preparing computer-aided teaching-learning materials? What are the facilities available in the institution for such initiatives?

The institution stresses the importance of computer knowledge and encourages the preparation of teaching material based on ICT modules. Most faculty members have personal computing systems and are well-versed with use of relevant software programmes applied in teaching-learning activities; however, individual departments have computer systems with a dedicated computer assistant in hand for assistance in preparing teaching-learning and administrative material.

The institute provides:

- Computers in individual departments for teaching material preparation.
- LAN & Wi-Fi connectivity to these computers.
- Computers along with LCD projectors for teaching.
- Smartboard enabled classroom.

4.4.10 Does the institution have annual maintenance contract for the computers and its accessories?

The Institute has appointed a full time IT manager in the IT department who constantly inspects the systems. While basic maintenance and repair is undertaken by

the computer technician, higher maintenance is undertaken by the computer manufacturer, depending on warranty and other terms and conditions of purchase.

4.4.11 Does the institution avail of the National Knowledge Network (NKN) connectivity? If so, what are the services availed of?

All the students of this institute utilize the open resources available on national and international scientific knowledge banks.

4.4.12 Does the institution avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?

Yes, all of web resources such as Wikipedia, dictionary and other education enhancing resources are frequently availed and open for use in the Department as well as the library

4.4.13 Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the institution.

The institutional budget provides for specific percentage for the up gradation and maintenance of the system. It varies according to the requirements made by the IT manager.

Year	Budget For The Update	Deployment	Maintenance Of Computers
2012-13	75530	287006	495594
2013-14	93145	29750	570388
2014-15	150400	1269022	621108
2015-16	193345	32250	666423
2016-17	245670	560000	722403

4.4.14 What plans have been envisioned for the transfer of teaching and learning from closed institution information network to open environment?

- Digital learning module.
- A comprehensive database is being maintained for important cases and procedures which will be used for the transfer of teaching and learning from closed institution information network to open environment.

4.5 Maintenance of Campus Facilities

4.5.1 Does the institution have an estate office / designated officer for overseeing the maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

- Yes, the institution has a designated officer who is responsible for the maintenance of college buildings, classrooms and infrastructural facilities.

- The designated officer conducts regular check- ups in all the significant areas, observations, recordings, tracking and rectification of each and every work in relation with maintaining infrastructure, equipments, instruments, furniture, campus environment, natural resources, etc.
- The institution goes by the “ GO GREEN” concept to provide cleaner and green environment for the campus by bringing in more plantation
- Structural alterations of the department for improving the efficiency in patient health care management. .
- Provision for more number of working space and laboratory expansion. .
- Maintenance of fire safety equipment

4.5.2 How are the infrastructure facilities, services and equipments maintained? Give details.

The Institution has permanently appointed one person for upkeep and maintenance of equipments

Please refer the attached annexure 4.5.2

4.5.3 Has the institution insured its equipments and buildings?

Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital has insured the buildings and equipments with National Insurance Company.

Any other information regarding Infrastructure and Learning Resources which the institution would like to include.

- A great emphasis is given on energy conservation and creating alternative source of energy. The college has installed 30KV solar power units and integrated it with MSEB as a token of contribution towards nation building.
- To increase the underground level of water resource and to stop its depletion, a rain water harvesting system has been installed within the campus.
- To create a pleasing atmosphere in the campus for the visiting sick and infirm, a great emphasis has been laid on providing pleasant landscaping.
- Sufficient space has been made available within the campus for the parking of two and four wheeler vehicles separately for the staff and the students.
- The Institute has planted number of Orange trees under “Tree Plantation Drive“ within the campus for the benefit of the students.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the institution have a system for student support and mentoring? If yes, what are its structural and functional features?

Yes, a system for student support and mentoring exists in the institution. The system has an inclusive participation of the management, teaching faculty and the students.

- The teaching faculty has been integrated to form a Mentor System i.e. **Interaction Module**. This is a student support activity, where teacher interacts with a small group of students to make them more competent and confident.

Objectives

1. To enhance communication between teaching faculty and students on individual basis
2. To solve the difficulties related to academics
3. To prepare the students for oral exams
4. To help them solve MCQs
5. To increase the confidence in students
6. Identification and Motivation of Weak Students

Functioning

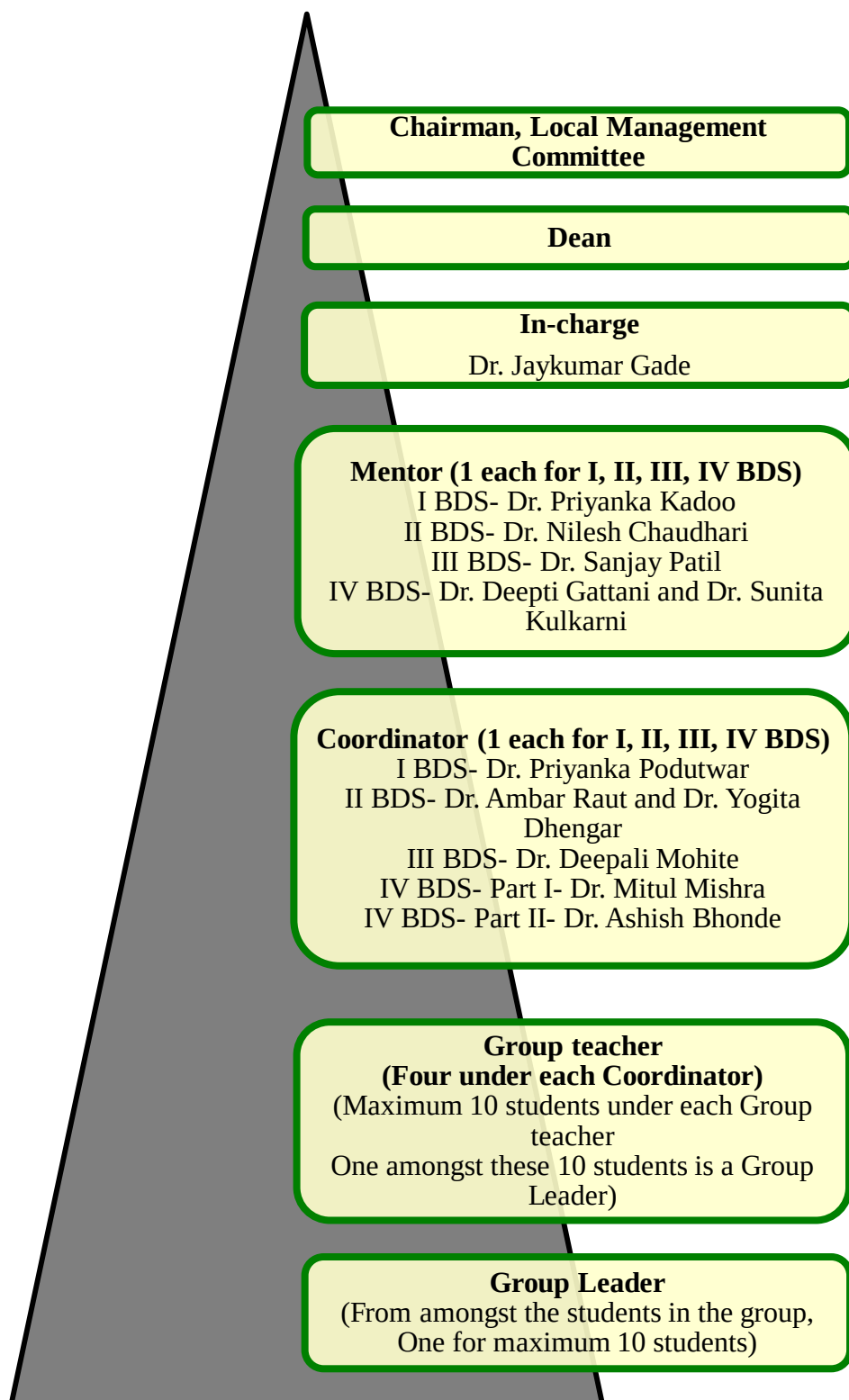
1. Students of each year are divided into a group of ten.
2. Each group is headed by a **group leader**.
3. Each group has their respective **group teacher**.
4. Students meet their respective group teacher every fifteen days to know their status.
5. Interaction classes are conducted by respective **subject teachers as specified in time table**.
6. **Subject teachers** prepare monthly interaction report and submit to the **group teacher**
7. Group teachers prepare a report of their respective group of all subjects and submit to the **group coordinator**
8. **Group coordinator** prepares a report for all groups for all subjects and submits the report to **Mentor**
9. **Mentor** submits the report to the **interaction In-charge**

10. **Interaction In-charge** and **mentors** report the progress of students to the **Dean**.
11. The Dean and Interaction In charge report to the **President**.

Interaction Committee Meetings Schedule

Students and Group teacher	Two times a month (every fifteen days)
Group teachers, Group Coordinators, In Charge, Mentors	1. At the start of each academic session 2. Further meetings are scheduled in the first week of every month

The structure of the Interaction Module is as follows-



In addition following committees have been formed for student welfare, with student nominations to facilitate participation among students as well as to encourage leadership qualities.

- **Students Council** looks into academic, sport, cultural and social activities by students.
- **Grievance Committee** looks into complaints of the students. Detailed enquiry is done and report is submitted to the concerned authorities.
- **Anti Ragging Committee** exists in the Institute. No case of ragging has been reported in the campus.
- **Vishakha Committee** looks into the complaints of female students. It arranges for lectures and workshops from time to time.

5.1.2 Apart from classroom interaction, what are the provisions available for academic mentoring?

Apart from classroom interactions provisions for academic mentoring are available through the Interaction Module and it is facilitated by

- Problem based learning, seminar presentations by undergraduate students.
- In addition, any problem or suggestion is noted by the group teacher during interaction and is taken up with the relevant authorities for the needful action.
- Parents are informed about the attendance and academic progress of their wards.
- Students are encouraged to participate in various scientific programs.
- Rapid and potential learners are identified.
- Remedial classes are arranged for students having less attendance and for potential learners.
- Rapid learners are given research projects and are encouraged to apply for grants from the University.
- Outcome of this is; five Short term Research projects by Undergraduate students have received research grant from the MUHS, in the year 2015-2016.

5.1.3 Does the institution have any personality enhancement and development schemes such as career counseling, soft skills development, career-path-identification, and orientation to well-being for its students? Give details of such schemes.

Yes, personality enhancement schemes are available to take care of soft skills development, career counseling, etc. and the details are as follows

- We have **British Club**, established in **2008**, which helps in skill development through the activities like
 1. Group discussions
 2. Games
 3. Quiz competitions
 4. Debate
 5. Extempore elocution competitions
 6. Lectures conducted by noted public speakers
 7. Activities on personality development

8. Improve student's vocabulary, presentation skills, self-confidence
 9. Help in preparation of competitive exams and vocational courses
- Student orientation program is conducted annually at the beginning of the academic session.
 - Bridge Course for I Year BDS, interns is conducted.
 - Intern Orientation program is conducted annually.
 - Clinical orientation on 1st day of posting for III BDS students, where they are educated on SOPs of different practical and clinical procedures, sterilization, and ethics.
 - Counseling sessions
 - CDE programs
 - Basic Life Support workshop
 - Graduation Ceremony – **UDAAN** for outgoing interns
 - Research methodology and other workshops
 - Dental camps in rural places around college
 - Hands on programs and Webinars
 - Career counseling and placement guidance

5.1.4 Does the institution have facilities for psycho social counseling for students?

Yes, under the project “**V4U**” (**Counseling Cell**) & through continuous monitoring by the group teachers at each level. The institutional faculty works on the principle that every individual student is special and requires special social as well as psychological guidance. The inputs by an individual student during the **Interaction Module sessions** give a brief idea to the teacher on the psychosocial status of the student, which is confirmed during the postings in individual departments. Accordingly, the pattern of teaching and counseling is changed/ enhanced for the overall development of the student not only into a competent and confident professional but also a compassionate, concerned and committed human being in the society.

- Students are counseled at each level of the **Interaction Module** program.
- Students requiring psychosocial counseling are identified and referred to the cell for further counseling by a Professional.
- Potential learners and rapid learners are also identified and guided.
- Remedial teaching for potential learners to help them build confidence.

5.1.5 Does the institution provide assistance to students for obtaining educational loans from banks and other financial institutions?

- Institution provides all help for students to access information regarding loans. Punjab National Bank and Canara Bank are frequently involved in such loan activities.

5.1.6 Does the institution publish its updated prospectus and handbook annually? If yes, what are the main issues / activities / information included / provided to students through these documents? Is there a provision for online access?

Yes, the Institution publishes information on its website and the students can access the information online. The following information is uploaded and it is updated from time to time.

- Vision and Mission of the Institute
- Academics- All information is available regarding the departments, affiliation, faculty, results, and achievements.
- Lectures/workshops/CDE organized in the institute
- Student activities and their contributions in Academics, Research, Conferences and Workshops, Health camps and extracurricular activities are available.
- Building and infrastructure, hospital, hostels as well as news, photo gallery, tributes and alumni are featured on the website.

5.1.7 Specify the type and number of institution scholarships / free ships given to the students during the last four years. Was financial aid given to them on time? Give details. (in a tabular form)

Please refer the attached annexure 5.1.7

5.1.8 What percentages of students receive financial assistance from state government, central government and other national agencies?

Change in figure on yearly basis since Freeship / Scholarship depends on policy of GOM/GOI for the corresponding year

Please refer the attached annexure 5.1.8

5.1.9 Does the institution have an International Student Cell to attract foreign students and cater to their needs?

- NA

5.1.10 What types of support services are available for Overseas students

No overseas student has taken admission in the institute

Physically challenged / differently-abled students

Till date no physically/differently-abled students admitted in this Institute. However, facility of lift and ramp is available in Hospital and provision for lift is been made in the College building

SC/ST, OBC and economically weaker sections

- Reservation policy of the state government is implemented during admissions by the competent authority.
- Special Book bank facility is available in the Central library.

- Needy students get financial aid through government agencies and Local Management Committee.
- Communication skill is developed during British club activities.
- Disbursement of Government grants to SC/ ST and OBC students is facilitated.

Students participating in various competitions/conferences in India and abroad

- Institute provides financial assistance for travel and lodging to students participating in various sport and cultural activities. Undergraduates as well as postgraduates are taking part in university level sports activities.
- Institutional prizes (cash prizes) are given to students excelling in curricular, co curricular and extracurricular activities.
- Students present their innovative projects at 'Avishkar', which is an inter University competition by MUHS. Every year students are participating. Institute provides financial assistance for traveling and lodging to these students.
- Attendance is considered and missed portion is covered through extra classes.
- Students participated in University level Cultural and Sports Festival 'Spandan' in 2017 and were provided incentives by the Institute.

Health centre, health insurance etc.

- Immunization policy of the Institute includes vaccination for Hepatitis B, which is free for students and staff.
- Free Health checkups are regularly conducted in the attached hospital.
- Free/Concessional treatment is provided to students in all departments of the Institute.

Skill development (spoken English, computer literacy, etc.)

- Yes, skill development and spoken English programs are available through the **British Club activities.**
- Computer and internet facility is available in the library. Assistance is offered by the computer technicians and IT Manager in the Institute to all members of the Institute, including students.
- Local Language Marathi (LLM) classes are undertaken for proficiency in communication to handle rural patients.

Performance enhancement for potential learners.

- **Interaction Module** focuses on identifying potential learners. Remedial classes and Counseling sessions are arranged for such students for performance enhancement.

Exposure of students to other institutions of higher learning/corporates/business houses, etc.

- Students projects in collaboration with other Institutions
- I4C- Inter Institutional Inclusive Innovation Centre
- Students Visit to colleges with Post Graduate courses for Conferences, Inter-Institutional Programs, Camps, CDE's and Workshops
- Students Visit to research Labs for Interdisciplinary research like NEERI, IIT, VNIT, ICT Mumbai
- Students visit corporate sectors like PIX, AMITASHA for dental camps

Publication of student magazines, newsletters

Students publish their papers in the Institutional Journal, Archives of Dental Research.

5.1.11 Does the institution provides guidance and/or conduct coaching classes for students appearing for competitive examinations (such as USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS)? If yes, what is the outcome?

- Career guidance lectures as well as talks are arranged with elite personalities in the field of science
- Books for PG Entrance tests are available in the Library
- Internet facility is available in the library. Reference journals can be obtained through EBSCO Host Institutional subscription.
- Many students from the Institute have acquired admissions in premier post graduate institutes across India and abroad.
- Special Lectures for interns to prepare for PG entrance Examinations are conducted.
- Lectures are arranged by each department on their respective specialty subjects for interns to update knowledge required for clinical practice

5.1.12 Mention the policies of the institution for enhancing student participation in sports and extracurricular activities through strategies / schemes such as additional academic support and academic flexibility in examinations special dietary requirements, sports uniform and materials any other (specify)

- The institute encourages participation in various sports by students.
- Special classes are arranged for the students who miss regular classes due to participation in sports and cultural competitions.
- Flexible schedule for taking Continuous internal evaluation and exams for such students is made available.
- Students are facilitated to participate in institutional as well as inter-college cultural competitions.
- Sports Uniform, Kit and Registration fee are made free to the students.
- Institute provides travelling and lodging allowance to the students.

- Students also participate in the Krida Mahotsav arranged by MUHS, in **Volley ball, Kho-Kho, Discus throw**. Students have represented the Institute at the zonal level selection trials and Inter University level in 2013 and 2016

Dr Chinmay Rathod (Volley Ball)	Inter University
Ms. Pooja Mohod(Volley Ball) Ms. Swati Rai(Kho Kho) Ms. Ritu Bhagat(Discus throw) Ram Mehendale(Basket Ball)	Zonal level selection trials
Dr Chinmay Rathod (Volley Ball)	Inter University

Flag hoisting ceremony

- The institute will follow best practice of flag hoisting on Independence Day and Republic Day every year commencing from Independence Day 2017, flag hoisting will be done by the meritorious students and sports achievers on rotational basis. Attire will be sponsored by the institute.
- In the meetings secretary of student council named as the vice Dean (student affair) will be seating right side of the Dean.

5.1.13 Does the institution have an institutionalized mechanism for student placement? What are the services provided to help students identify job opportunities, prepare themselves for interviews, and develop entrepreneurship skills?

Staff members informally provide guidance to students who are interested in pursuing higher studies in the country or abroad. Several staff members routinely participate in recommendation procedure for the students applying for foreign universities.

5.1.14 Howdoes the institution provide an enriched academic ambience for advanced learners?

- Advanced learners are identified and research projects are allotted to them under the guidance of faculty. They are encouraged to apply for MUHS, ICMR, DCI funding.
- They are encouraged to present research papers and posters in the conferences.
- Students regularly participate in ‘Avishkar’, a MUHS level research competition
- Eminent persons from various felids were invited to interact with students and to motivate them, recently Dr. Vijay Bhatkar, Dr. G.D.Yadav, Dr. Dibyendu Mujumdar visited the institute and guided the students.
- Outcome of providing an enriched academic ambience is that 5 student projects have been selected for MUHS, Short Term Research Grant.

Please refer the attached annexure 5.1.14

5.1.15 What percentage of students drop-out annually? Has any study been conducted to ascertain the reasons and take remedial measures?

- No Dropout Cases reported

5.1.16 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus during the last four years)

- The concept of campus interview is generally uncommon in the field of dentistry. In case of dental courses, the graduates and post graduate students opt either for self employment or further studies.

5.1.17 Does the institution have a registered Alumni Association? If yes, what are its activities and contributions to the development of the institution?

- Institution has Alumni Association. The alumni contribute to the development in the following ways-
- They are invited for UDAAN' Graduation Ceremony of the institution for Motivation of the students. They are also invited for various programs and CDE arranged by the college.
- Feed back is taken from the Alumni for improvement in academics
- Alumni donate books for Central and Departmental libraries
- They contribute towards patient education by donating sign boards with information about various dental diseases and treatment.
- Institution gives preference for employing its alumni. 5 of its own students have joined the Institute as faculty.

5.1.18 List a few prominent alumni of the institution

Please refer the attached annexure 5.1.18

5.1.19 In what ways does the institution respond to alumni requirements?

- Alumni are invited for various programs by the institution.
- They are invited to attend CDE's, guest lectures and workshops so that they can update their knowledge
- The Institute gives preference in employing its alumini. Following Alumni have been recruited by the Institution.
 1. Dr Romita Gaikwad (Assistant Professor OMDR)
 2. Dr Priyanka Pudutwar (Assistant Professor Oral Pathology)
 3. Dr Grishmi Niswade (Assistant Professor Periodontology)
 4. Dr Akhilesh Shewale (Assistant Professor Periodontology)
 5. Dr Aishwarya Kadu (Assistant Professor Oral Surgery)

5.1.20 Does the institution have a student grievance redressal cell? Give details of the nature of grievances reported. How were they redressed?

- Yes, the student grievance redressal cell looks into the grievances put forth by the students and appropriate action is taken after thorough inspection.
- Other than this the students can also discuss the issues during the **Interaction Module** sessions.
- Security is provided to the students at the Institute; CCTV cameras have been installed in the Institute and are under continuous surveillance.

5.1.21 Does the institution promote a gender-sensitive environment by (i) conducting gender related programs (ii) establishing a cell and mechanism to deal with issues related to sexual harassment? Give details.

- Yes, the Institute provides gender sensitive environment.
- **Vishakha Committee** exists in the Institute and it looks after issue related to women grievances.
- Lectures are arranged on various gender sensitive issues.
- There are no incidents of sexual harassment in the Institute.
- Women's Day is celebrated in the Institute.

5.1.22 Is there an anti-ragging committee? How many instances, if any, have been reported during the last four years and what action has been taken in these cases?

- Yes, Antiragging committee exists in the Institute.

Chairperson	Dean
Vice Chairman	Dr J Gade Dr Jagan Limje
Members	Dr Sunita Kulkarni Dr Rakhi Chandak Dr Deepika Chandhok Dr Salman Ansari Mr Ravindra Barad Adv. Amit Kukday Ms Sunita Chopde

- The institutional website as well as the lobby area displays information about all members of the antiragging committee and their contacts.
- The committee takes regular rounds of the campus. Anti ragging posters have been displayed, anti ragging role plays are regularly conducted by Interns in association with Department of PHD and Interns Committee.

- College focuses on providing a healthy environment through regular interaction through **Interaction Module** where the students take care of their group. This creates harmony and sense of responsibility. The outcome of this initiative is that **no instances of ragging have been reported till date.**
- Executive Committee Members of the DCI Dr Rahul Hegde in 2015-16 and Dr Mansing Pawar in 2017 visited the Institute and sensitized the students on 'Antiragging'.

5.1.23 How does the institution elicit the co-operation of all its stakeholders to ensure the overall development of its students?

- The college gets feedback from the students, employers, patients, peers, alumni, parents and tries to adopt their suggestions by suitably modifying it.
- The Institute facilitates interaction of students with all stake holders.

5.1.24 How does the institution ensure the participation of women students in intra-and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.

- College encourages the female students equally along with the male students and are motivated to participate in inter and intra-college cultural and sports activities.
- Participation of female students always exceeds (in number) that of male students as majority of students are female.
- Incentives are given to the students in the form of registration fee, sport wear, travelling and lodging allowances.
- College deputed female faculty member to accompany the female students for any Sports and Cultural and other activities outside the college.
- Number of medals and endowments has been awarded for the encouragement of the women students.
- Participation of female students in these extracurricular activities **(Refer to Point 5.3.1)**

5.1.25 Does the institution enhance the student learning experience by providing for rotation from the teaching hospital to the community and district hospital during the internship period?

- Interns are regularly posted to Satellite clinics which are operating daily (Two satellite clinics are operating in Wadi and Hingna region, as a provision to community service.)
- Community service is imparted through organization of Dental camps in rural and urban areas, specialty dental camps.
- They organize and participate in Anti tobacco rallies, rallies on organ donation, AIDS awareness.

- They regularly participate in Happy Street' initiative by Times of India in association with Nagpur Police.

5.1.26 Does the institution has immunization policy for its students and staff?

- Yes, immunization policy exists for staff and students in the institute
- Students and staff are immunized against Hepatitis B.

5.1.27 Does the institution give thrust on students growth in terms of :

Physical development

- The institution promotes overall growth and development of the students.
- Yoga sessions are held in the Institute.
- Facilities for indoor and outdoor sports activities
- International Yoga Day is celebrated in the College on 21st June
- Gym facility is available at the hostel for students

Emotional control

- V4U counseling cell is available for psychosocial guidance and counseling
- Potential learners are motivated and guided by the Group teachers and Counselor
- Psychosocial enhancement through lectures and talks with eminent personalities are arranged like, Radhakrishnan Pillai (Author of 'Corporate Chanakya') delivered a talk.
- Motivational talks on personality development by NGO's like 'Art of Living' and 'Gayatri Pariwar' are organized.

Social dimension

- Vyasana mukti drives and rallies
- Oral Health Awareness camps
- Dental Health Check up camps
- Blood donation camps
- Organ Donation Rally.
- Developed an Android App for social & religious benefit.
- Extracurricular activities (Painting exhibitions by students)
- Staff- Wild life photography club
- Environmental awareness program
- Cleanliness drive –under Swachh Bharat Abhiyaan
- Tree plantation drive

Felicitation of the following faculty and students at the hands of Hon'ble Minister of Health & Medical Education, Dr. Vijaykumar Gavit for successfully treating approximately 1400 patients in "Rugna Seva Darodari" Rural Health Camp held at Nandurbar.

Students

Pratik Jaltare
Pritish Polke
Pawan Dawane
Shashank Nanhe
Mayur Gawande
Vijay Rode.

Faculty

Dr. Juzer Rasul
Dr. Ashish Lanjekar
Dr. Aamir Ali

Spiritual growth

- Spiritual reading material is made available in the library.
- Lectures on spirituality are conducted by Spiritual Organizations.

5.2 Student Progression**5.2.1 What is the student strength of the institution for the current academic year? Analyze the Program-wise data and provide the trends (UG to PG, PG to further studies) for the last four years.**

Student Strength of the institution for Current Academic Year (2016-2017) - BDS 473 + PG 65 + Interns 104 = 642

The institution has an intake capacity of 100 students per year for BDS and 3 seats of MDS in 8 subjects i.e. 24 per year.

Please refer the attached annexure 5.2.1

5.2.2 What is the number and percentage of students who appeared/qualified in examinations for Central / State services, Defense, Civil Services, etc.?

Under the Indian Defense Services, two of our students have qualified for Short Service Commission in Dental Corps

- Dr Satyanarayan Pandey (Captain)
- Dr Ambika Narayan (Captain)

5.2.3 Provide category-wise details regarding the number of post graduate dissertations, Ph.D. and D.Sc. theses submitted/accepted/ rejected in the last four years.

Please refer the attached annexure 5.2.3

5.2.4 What is the percentage of graduates under AYUSH programs employed in the following?

AYUSH departments/Hospitals

Multinational companies

Health clubs

Spas

Yoga wellness centers

Yoga studios

Health clubs

Own Yoga cubes/studios

Not Applicable

5.3 Student Participation and Activities

5.3.1 List the range of sports, cultural and extracurricular activities available to students. Furnish the program calendar and provide details of students' participation.

Range of sports, cultural and extracurricular activities available to students are as follows

Please refer the attached annexure 5.3.1

Program Calendar for sports, cultural and extracurricular activities

February/ March	Annual fest (Scientific/ Cultural/ Sports)
August/September	10 Days fest – VAKRATUNDA
November/ December	‘Udaan’ Convocation Ceremony
November/ December	MUHS Krida Mahotsav’

5.3.2 Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years.

BDS- Details of the achievements of students in co-curricular activities are as follows

Please refer the attached annexure 5.3.2

5.3.3 Does the institution provide incentives for students who participate in national / regional levels in sports and cultural events?

- The institution provides all assistance for students participating in the events. On duty permissions are generously offered to them to attend conferences/ workshops, sports and cultural activities.
- The incentives provided are as follows-
- Special leave
- Free registration
- Travelling, Lodging and other allowances
- Sport wear
- Appreciation certificates are given to the participating students.

5.3.4 How does the institution involve and encourage its students to publish materials like catalogues, wall magazines, college magazine, and other material? List the major publications/ materials brought out by the students during the last four academic sessions.

- Students contribute and publish their papers in the Institute Journal Archives of Dental Research.
- An Indian Orthodontic Society initiative, Essay & slogan, and rangoli competition was organized under the theme 'Smile with Braces' for the Undergraduate and Postgraduate students. **The 27 slogans, 8 essays and 50 placards received during the competition were displayed at the Dept of Orthodontics, Jan 2015**
- Wall magazine on Happy New Year 2017' was published by Department of Orthodontics through the month of Jan 2017.

5.3.5 Does the institution have a Student Council or any other similar body? Give details on its constitution, activities and funding.

Yes, the institution has a functioning Students Council having staff and student representatives. The details are as under

Structure of the Council-

- Name of college: Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur College Student Council – 2016-17
Please refer the attached annexure 5.3.5

Functions-

1. The student's council gathers for a meeting once in a month.
2. Criteria are formed regarding general discipline.
3. Planning of Cultural, sport, extracurricular activities is done.
4. The previous issues are discussed, if they had been addressed and solved.
5. Members can put up their grievances, if any, during the student's council meeting.
6. New issues are put up by the students as well as the staff. eg. lectures, clinical postings, interactions conducted regularly by all departments, attendance, other difficulties
7. New ideas are gathered from members
8. **Funding-**Institution provides funds to the Student Council

5.3.6 Give details of various academic and administrative bodies that have student representatives in them. Also provide details of their activities.

The following academic and administrative bodies have student representatives in them

- Maharashtra University of Health Sciences Senate Member – Krishna Bonde (Elected)

- Student council
- Hostel Committee
- Swachch Bharat Abhiyaan Committee
- National Service Scheme
- British Club

Any other information regarding Student Support and Progression which the institution would like to include.

Please refer the attached annexure 5.3.6

CRITERION VI: GOVERNANCE AND LEADERSHIP

6.1 Institutional Vision and Leadership

6.1.1 State the Vision and Mission statement of the Institution

Mission:

- The Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital is committed to impart Quality Health Care Education to create Dental Professional who is globally competent, concerned, compassionate, consistent and committed to research and Health Care of the society at affordable cost.

Vision: Reduce pain and increase hope.

- Dental treatment at affordable cost for all.
- Satellite dental clinic for far-flung, inaccessible areas.
- To take dentistry to a global level.
- Mobile dental clinic with value added services of modern diagnostic procedures and preventive measures under the aegis of the trust.

6.1.2 Does the mission statement define the Institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the Institution's tradition and value orientations, its vision for the future, etc.?

- Yes, the mission and vision are translated into actions. In order to realize the goals and objectives of the Institute, it provides innovative and best teaching – learning facilities.
- This is accomplished through recruitment and retention of quality faculty.
- Building research attitude among staff and students.
- The Institution tries to provide concessions and if required free treatments for the economically compromised patients. We have 2 satellite centres which cater for the rural populations and dental camps are conducted regularly in the small villages around the city and diagnosis of diseases especially the precancerous disorders are dealt with utmost vigour and zeal. The undergraduate and post graduate students are also involved in these camps and the community department helps to instill passion to serve the poor and needy.
- Institution creates oral health care awareness among rural community through the project READY.

6.1.3 How is the leadership involved in:

Developing E- Governance strategies for the Institution?

- The governance of the Institution focuses on the effective leadership which reflects in its day to day working.

- The governance is decentralized and participation of the employees and students is visible at all levels.
- The governing leadership has been striving for last two to three years to make Institution paper free to support “Go Green” initiative.
- College has its own website “www.sdk-dentalcollege.com” and all the information has been displayed on it regarding college, departments and infrastructure etc.
- There is a provision of webmail for communication between Dean’s office and various heads of department for the smooth working of all the departments.
- There is interlinking of the local management committee, college administration, faculty, students and office administration which is facilitated through local area network which has proven to be very convenient and efficient system of communication. The Management information system (MIS) of the Institute provides information of students online.
- On LAN, there is regular feeding of faculty attendance, sterilization, biomedical waste disposal, equipment and infrastructure maintenance, circulars, communication from Dean office and administrative section, on a day to day basis.
- College library has subscribed to EBSCO through which e- journals can be accessed by students and faculty members. College also manages library books through specialized software made to keep track of issue and return of books to central library.
- In order to improve the e-governance the Institution strives to upgrade and improve the skills of the presently available man power through various methods of trainings especially the computer operational skills.
- The Institution has procured software to develop and maintain student’s attendance record, records of patient numbers, OPD and treatment given.
- There is provision of biometrics for staff, PG’s and interns for attendance.
- Institute has a very effective performance appraisal system for its staff members.

Ensuring the organization’s management system development implementation and continuous improvement?

- For better implementation of all the policies various committees have been formed. Important decisions will be taken by these committees under the guidance of the HODs of respective departments, Dean and Local Management Committees which are then conveyed to staff members through circulars.
- Feedback of staff for policy implementation is taken through monthly HOD report which is prepared by HOD’s of respective departments.

- Monthly HOD report consists of details about attendance reports of teaching staff ,student's attendance, intern's attendance, PG students attendance, UG/ PG students teaching activities, clinical OPD, attendance of non teaching staff , status of equipment, HOD fund report, Sweeping dusting report, sterilization, dis-infection and hygiene maintenance report.
- Monthly report is first scrutinised by Dean and relevant queries are again mailed back to respective Heads of Departments for compliance. A summary is submitted to Local Management committee for further course of action.
- Different committees also submit their reports at the end of every month to Dean's office about their progress and policy implementation.

Interacting with its stakeholders?

- The Head of Institution holds regular meetings and interaction with the members of trust, faculties, non-teaching staff, students, parents and patients, alumni and university representatives.
- Interaction with teaching faculty is done in the form of HOD meetings and interacting with various committee heads and alumni are conducted. Any problems or grievances of teaching faculties and administrative staff are addressed by forming enquiry committee under the leadership of Dean and solutions are recommended for further action.
- The President and Dean take regular rounds of college and interact directly with patients and students. Problems concerning patients and students are immediately noted and steps are taken to rectify it.
- Interaction with patients, students are done by way of feedback form. Feedbacks are taken on regular basis from patients regarding their experience of treatment. The feedback analysis is done and areas of improvement are assessed. The feedback report is discussed with the HOD and corrective measures are taken.
- Interactions with students are also done by the way of Interaction Module, in which difficulties of students are addressed with utmost importance.
- Problems of students regarding curriculum and other problems like canteen/cafeteria, teaching, hostel and psychological problems are dealt with concern and care by various committees.
- The patients are given great importance and care is taken to deal with them in compassionate manner and their treatment is monitored very carefully.

Reinforcing a culture of excellence?

- The governing leadership promotes and motivates the teaching, non-teaching staff, students, clinicians to organise and participate in various CDE programmes and workshops and it is mandatory for each department in the Institution to organise such activities during the entire year in cyclical pattern. The faculty of all departments, PG and UG students are encouraged to attend

these CDE programmes and workshops. The faculty and the students are conducting regular interdepartmental activities as well as inter-college workshops.

- The governing leadership provides with financial support for faculty development and research projects.
- Strong emphasis is given to conduct research and innovative practises. The Institute is the primary centre for i4c in this region. The i4c deals with promoting innovative ideas related to field of dentistry and medicine. It is an independent, non profit entity. It identifies people from India with innovative ideas. It is a facilitator for people with out-of-box ideas, or innovative working prototypes. i4c aims to create and foster a culture of innovative thinking. The purpose is to manifest latent ideas into commercial products that can benefit humanity in general, and help solve India's existing social perils in particular.
- The motto of Institution is to provide health care to large section of people at affordable cost.
- The LMC motivates and supports the staff and students to come up with innovative ideas to develop materials and gadgets for treatment and diagnosis of dental and medical conditions at much lower costs than available in the commercial markets. For such kind of research, Institution provides funds in the form of Institutional funding which is very helpful for students and staff of Institution.
- Institute is taking one more step by signing MOU with ICT, Mumbai for process development of dental materials so that they will be made available at low cost.
- Students are especially encouraged to develop extra-curricular skills and to achieve highest grades during their curriculum and they are appropriately awarded and felicitated for their hard work.
- The faculty is also encouraged to present papers, guest lectures and be extensively involved in research projects. The LMC also encourages the faculty and students to take part in the cultural activities of college as well as intercollegiate level. There is a persistent effort to impart excellent education to the students so that they not only perform in the parent college but they also shine in different universities and setups within and outside the country. There is persistent effort to create globally competent, concerned and committed professional as well as offering high standards yet affordable health care services to the economically backward patients.

Identifying organizational needs and striving to fulfil them?

- Governing leadership strictly follows a principle of keeping a track of organizational needs and requirements, rounds are conducted by the President

and Dean twice weekly. The observations are recorded and steps are taken accordingly.

- The decentralization through various committees is implemented. Regular meetings are held by these committees, where all the matters are discussed, planned, assessed in a priority wise classified manner, and then the minutes of meetings are taken to Dean and then local management committee for sanctioning, and approval.
- The organizational needs basically stress on therapeutic material, finance availability and investment, academic programmes conducted, outreach healthcare activities, Institutional beneficial activities, faculty motivational activities, patient care facilities, innovative and research projects etc.

6.1.4 Were any of the top leadership positions of the Institution vacant for more than a year? If so, state the reasons.

- No, the top leadership positions were never kept vacant for any period of time.

6.1.5 Does the Institution ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?

- Yes, all positions in its various statutory bodies are filled and regular HOD meetings are held where following issues are discussed and solved.
 - Improvement of performance of the students in examination.
 - Paperless office work concept.
 - Conduct of PCTs.
 - Conduct of additional PCT.
 - Conduct of University examination.
 - Research and collaborations.
 - Improvement of OPD.
 - Grant of leave.
 - Utilization of HOD fund.
 - Maintenance of infrastructure of the college.
 - Repair and maintenance of equipment.
- Meetings of various committees to discuss agendas like attendance and microteaching, hostel issues, canteen issues, the student council agendas, and fees related issues and problems related to faculties and administrative staff is conducted regularly. The outcome of these meetings reflects in the smooth functioning of the Institute.

6.1.6 Does the Institution promote a culture of participative management? If yes, indicate the levels of participative management.

- Yes, the Institution promotes the culture of participative management.
- The Institution through various committees engages and encourages the students and staff to participate in all the decision making related to improving the Institution. We are encouraged to take feedback from patients, students and we are also considering taking feedback from all the other stake holders so that we can improve the Institution as a whole.
- This is visible at the level of LMC, IQAC, Dean, Vice-Deans- Dental and Medical, UG Director, PG Director, HODs, Faculty, Administrative staff and students.

6.1.7 Give details of the academic and administrative leadership provided by the university to its affiliated colleges / constituent units and the support and encouragement given to them to become autonomous.

The Institution is affiliated to the MUHS, Nashik and is not an autonomous Institution.

6.1.8 Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?

- NOT APPLICABLE.

6.1.9 How does the Institution groom leadership at various levels? Give details.

- The Institution has various committees with maximum participation of faculty members and students as incharge of each of them. They are given the power to make decision and make the necessary changes and improvisations as needed. All the Heads of the Department are given a free hand to administer and develop new ideas and concepts to help develop leadership qualities in their staff members, which also helps them to develop department in a good and unique way.
- The selected students are made class representatives to help faculty to maintain academics, extra-curricular and cultural activities. At the same time efforts are taken to inculcate the leadership qualities and value system among the students for their continuous grooming. There are various forums like British Club, Students Council and interaction module.
- The Institution is very much aware about the benefits of leadership qualities. It tries to inculcate this virtue among the faculties, students and staff. Every month the faculty performance report is generated to assess the activity and progress in teaching and extracurricular activities. The students are motivated to participate in academics and extracurricular activities and they are encouraged and felicitated on achieving success. The students are empowered so that they become competent and develop good leadership qualities.

6.1.10 Has the Institution evolved a knowledge management strategy which encompasses the following aspects such as access to:

Information Technology

- Our Institution has Local Area Network with internet connectivity, is wifi enabled, to access latest information and communication and most of them are done through intranet / webmail, so that faculty and students can upgrade their knowledge and start to think out of the box.
- The various administrative sections of the Institution such as central accounts, registration and students section have been computerized for effective and easy operation.
- Circulars and notices are circulated through E-mail.
- Whats-app groups are formed for different categories and messages are circulated through these groups.
- We are in process of developing bulk SMS system and bulk e-mail for contacting students and parents.

National Knowledge Network (NKN)

- The Institution is the member of Health Science Library and Information Network conceived by the MUHS.
- We have data bank, journals, books, dissertations, and library dissertations in the central library and question banks are with every Undergraduate and Postgraduate student.

Other Open access resources-

- We have access to Curofy community, LAN, and EBSCO host subscription for online access of various books and journals.

6.1.11 How are the following values reflected in the functioning of the Institution?

Our faculty members lend their expertise in curriculum development of the university as few of them are members of Board of Studies. The teaching learning process emphasizes on the core values of the Institutional mission.

Contributing to National development:

- The Institution motivates the staff and students to provide affordable treatment to poor and needy people.
- We have a mobile dental van for outreach activities which helps in upliftment of oral hygiene status in rural and remote areas and treatment offered is free.
- Institute focuses on skill and competency development through various programmes
- Our Institute participates in Swachh Bharat Abhiyaan, anti tobacco campaign, organ donation , rallies, street shows and skits to demonstrate ill effects of tobacco.

- We also organise, co-organise conferences and seminars.
- We also participate in the no tobacco campaign, rallies are carried out, and stalls are kept during the programme to explain the ill effects of tobacco.
- Street shows and skits to demonstrate ill effects of tobacco are carried out by students.
- Dental health check-up treatments are carried out in schools, colleges and adopted villages.

Fostering global competencies among students

- The Institution emphasises on ‘digital learning’ which is an attempt to digitize complex topics. This concept is being developed with technical help from Axon Valuable group Mumbai.
- The Institute is planning to collaborate with “Centre of Micro Dentistry”, California USA for Digital learning project.
- The Institution aids in building global competencies by virtue of CDE programmes conferences, lectures by eminent personalities, webinars and hands on courses to update the students on the latest trends in dentistry.
- The students are motivated to present posters and papers in national conferences.
- We have recently submitted a substantial number of research projects by the undergraduate students to the MUHS.
- Postgraduate students are equally inspired to do short term research project and publish papers on results.
- Faculty also visits other universities and attend conferences and CDE to broaden their outlook.
- Acquisition of most modern equipment.
- Quality of teaching and teachers is ensured by the means of self-appraisal system feedback on syllabus, teachers etc. by student, alumni, and peers. In order to develop global competencies among students, college is providing world class learning resources such as full-fledged library, advanced e-learning resources like e journals. The outcome of our efforts is visible as some of our students are working globally in countries like Australia and US, and with software firms related to health care system.

Inculcating a sound value system among students:

- Our Institution has framed the concept of 12 Cs to be adhered to by all the staff and especially by the students.
- They are- Competent, Confident, Concern, Compassion, Consistency, Commitment, Communication, Coordination, Cooperation, Cool and Composed.
- 11th and 12th C i.e. Causal Approach and Complacent Attitude should be avoided.

- The Institute inculcates the value of patience while handling the patients.
- Sound value system among student is promoted through various sessions on ethics and values. Yoga and Art of Living secessions are conducted for personality development so that it helps to develop cool and composed nature.
- Communal harmony week, peace day is observed to respect and value each other's religion and humanity which helps them to develop compassion.
- AIDS day, antitobacco day, Dentist day are also celebrated to create awareness among the students and patients and it brings out the sense of commitment among the students.
- Days of national importance like Independence Day and Republic Day are celebrated with joy and fervour to instil a sense of pride for the nation.
- During the cultural festivals, our rich heritage is showcased through various programmes and competitions and taking part in these activities help to make the students confident.
- Student council teaches them leadership and responsibility, there are discourses on sensitising all students, including those from abroad, to value systems of the region. The same are also re-emphasised at different points in time by faculty members, who strive to set high standards for students to emulate.
- The student council activities also help to develop the art of Communication, Coordination and Cooperation among the students.

Promoting use of technology:

- The Institute promotes and adopts use of latest technology in dental care. College uses latest equipment's and software to support the teaching-learning and Health Care.
- For supporting the access to latest technological advancement, college is providing 2Mbps and 8 Mbps Broadband Line and Additional 5 Wireless Devices (Tata Photon) for internet connectivity. All the departments of college and hostels are connected with local area network (LAN). There is information and communication centre in library.
- The Institution promotes the use of technology both in teaching, learning, patient treatment and research. All departments are provided with computer with LAN connection, and for interaction with students, parents, faculty for sharing of information and instruction. Bio-metric for attendance, visual dental health education to educate the patients and community is also provided.

Quest for excellence

- In its quest for excellence, college has formed different sub-committees, like RICH / DET cell with the purpose of conceiving, formulating and executing new policies and to monitor the relevance of existing ones. Over the years, including the preceding five years, the number and composition of the

committees have evolved to make major recommendations and contributions to promoting excellence in its processes.

- The college has also identified its strengths and weaknesses so as to build upon the former and address the latter. The college excels in all spheres—it has a strong team of committed faculty, many of whom are senior, experienced and leaders in their field. The college and hospital has a robust infrastructure, with adequate clinical material, sound research productivity and wide-ranging extension activities. The college also has adopted flexible learning methods for the benefit of students. Many short term projects of undergraduates are approved by MUHS .In addition to this, long term projects of faculty are also approved by MUHS.
- In our quest for excellence and upgrading our system we follow the principle of “SPICES” which is :
S - Student Centric
P - Problem Based
I - Integrated
C - Community Centre
E - Elective Based
S - System Based

6.1.12 Has the Institution been indicted / given any adverse reports by National Regulatory bodies? If so, provide details.

- None. College has not been indicted and there are no adverse reports by national regulatory bodies.

6.1.13 What are the projected budgetary provisions towards teaching, health care services, research, faculty development, etc.?

Table 6.1: Projected Budgetary Provisions

Year	Teaching	HealthCare	Research Programme	Faculty Development
2012-2013	Rs 49327249	Rs 1979394	Rs 11147000	Rs 737801
2013-2014	Rs 53485434	Rs 1434093	Rs 10904292	Rs 704645
2014-2015	Rs 57759114	Rs 1172577	Rs 14166987	Rs 727753
2015-2016	Rs 63690903	Rs 1069622	Rs 15738343	Rs 774700
2016-2017	Rs 69638051	Rs 1270429	Rs 17211964	Rs 828750

6.2 Strategy Development and Deployment

6.2.1 Does the Institution have a perspective plan for development? If yes, what aspects of the following are considered in the development of policies and strategies?

Yes, Institution has perspective plans for future development by taking into consideration student centric approach having exposure towards the research carried out which would broaden the perspective of dental care on the whole to make the society aware of prevention and cure of the same. Satellite Dental Clinic has been planned to make early diagnosis possible. The Trust will be utilising the services of the Institute to make this innovative concept efficient and tangible. It is perceived that the whole nation will benefit in area of dental care through the insights gained via this unique medium.

Teaching and learning:

Modern teaching methods practiced: In theory, lectures are taken using White Board, Transparency, and Audio visual (power point presentation + videos where ever needed).

A) Lecture Method: – The topics are prepared in such a way so that students retain what has been taught. Key points & salient features are highlighted. A proper classification, latest diagnostic treatment plans are included. Power point presentations are prepared as follows: - Six lines per slides & six words per line are prepared with learning objectives at beginning and summary at the end of slides.

- During the course of lectures and clinics, we inculcate certain training that will help them to develop positive attitude towards entire training programme and life in general. The teachers actually set examples and train them how to manage difficulties that they encounter during their training programme and how they would come up with the challenges that they meet after the course.
- Question papers are discussed in the class that is partly solved, with salient and key points along with page numbers and books to be referred.

B) Xerox copies of solved question papers are handed over to class representatives and they get the entire class to do the same and the monitors keep a track whether the solved question papers are being read by the students.

For the third year BDS students we have a complete bank of solved question papers of their subjects along with vast collection of MCQs which is kept in the central library. The students are encouraged to read the solved answers and a complete record of these students is maintained in the register.

C) Interactive Method – It includes microteaching, seminar topics to students & small group discussion.

- Problem Based Learning.
- Chair side discussions: Patient examination, case history discussion, mechanism and functioning of chair are taken.

- Computer assisted learning: - Use of power point presentation, videos & internet, animation & internet based learning are necessary and use of internet is promoted among the students.
- Experimental methods: - Based on clinical experience of teachers, examples & instances are quoted in relation to topics so that students effectively understand the concept.
- There is a unique “Interaction Module”, for active participation of students and teachers in student welfare at both academic and personal fronts. A teacher - student mentor system is in place where by each student admitted in the first year will have a designated teacher acting as his mentor. This teacher will actively monitor progress, attendance and academic issues. He/ she will personally counsel the student on these issues and on personal fronts thereby acting as a link among student, college, faculty and their parents.

Research and development

- Institution encourages the faculty development and understands the responsibility to integrate the research and updating of knowledge to keep in pace with development of science. Many short term studies and projects are going on in various departments. All projects are scrutinized through the Institutional research recognition committee and the Institution Ethics and review Committee for authenticity of the research. Our Institution has made, workshop on Research Methodology mandatory for pursuing research.
- We had faculty members from different Institutions like Dr. Mansing Pawar, Dr. Rahul Hegde under whose esteemed aegis we presented over 50 research projects and they were very satisfied with our work.
- Conducting research that will contribute to the knowledge pertinent to education and practice in clinical and community settings. With the help of research, Institution can develop innovative educational programs that provide an excellent and productive learning environment. We share research findings with other professionals through publications and presentations at conferences and workshops, CDE programmes and Webinar .This is how we attain continued professional growth and development. Our Institution encourages inter-professional collaboration in research and education to focus on the overall health of the patient.

Community engagement / outreach activities

- The students and faculty are involved in conducting health camps, specialty camps, defluoridation, screening for oral cancer. Satellite clinics in rural areas for poor patients have been setup. Blood donation camp twice in a year, along with free dental and medical check-up. Anti-tobacco drive for creating awareness is also of prime concern and rallies are taken out. We are also

involved in Swachhta Abhiyaan, Communal Harmony, information on Save Water and Organ Donation.

- Mobile Dental Clinic with value added services of modern diagnostic procedures and preventive measures to treat patients in remote areas is available.
- Two centres have been set up at Wadi and Hingna near Nagpur to provide treatment for rural area population.
- Bazargaon, Surabardi and Sangam are three villages which are adopted by Department of public health dentistry.
- Total 21 schools have been adopted by Department of Pedodontics and 41 camps have been conducted in last five years.

Human resource planning and development

The success of an organization largely depends upon the quantity and quality of human resources that it is able to attract & retain. The Institution is planning to upgrade and appoint staff as human resources and is one of the most vital assets of this organization.

Industry interaction.

Better interaction between Institutions and industry is the need of the hour. Industry visit for student and interns are arranged.

The Institution has the following linkages for research:

- Institute of Science, Bangalore for Finite Element Analysis.
- Indian Institute of Technology, Powai for Scanning Electron Microscope and Energy Dispersive X-Ray.
- National Environmental Engineering Research Institute (NEERI, Nagpur) for Estimation of Osteopontin levels in plasma
- Government Medical College, Nagpur for estimation of C reactive Protein levels.
- VSPM dental college for Estimation of Serum Beta Carotene levels,
- Salivary cortisol in patients with oral lichen planus, oral leukoplakia, OSMF and OSCC.
- IIT Jabalpur for Finite Element Analysis
- NEERI, Nagpur for analysis of fluorosis.
- VNIT, Nagpur for Evaluation of force characteristics of a Wing- Bib. Department of Biochemistry of Government Medical College, Nagpur and Rural Hospital Nagbhid of Chandrapur, for estimation of Sialic Acid Levels in children.
- Department of Chemical Engineering, VNIT Nagpur, for in Vivo Study
- Dhruv Microbiological Lab Nagpur for in Vitro Study.

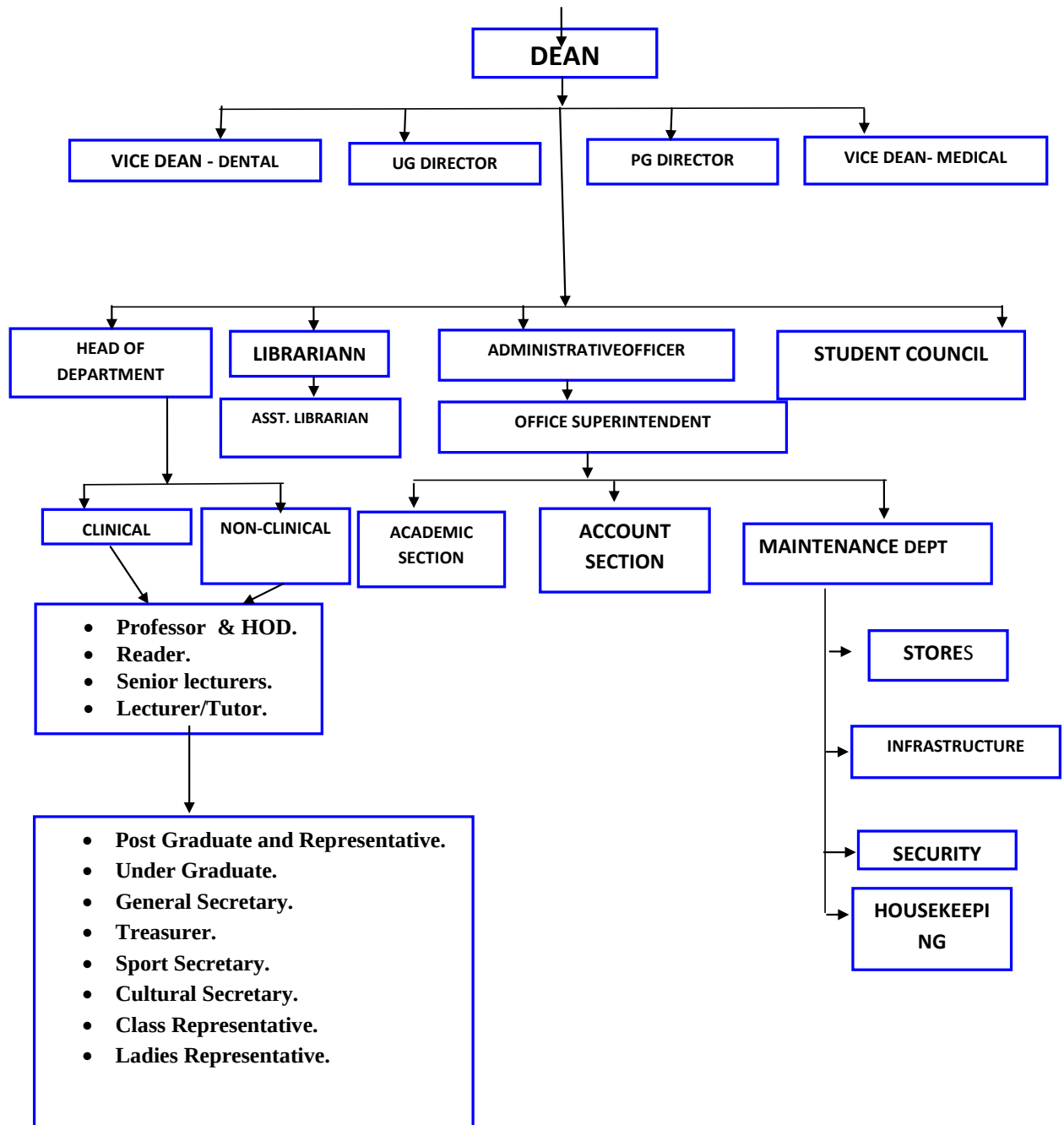
- Department of Biochemistry, Government Medical College Nagpur to assess the Salivary Parameters and Caries Status in Children in Leukemia undergoing Anticancer Therapy.
- Sharad Pawar Pharmacy College, Nagpur to check effect of antipyretic syrup on primary enamel erosion and its reduction by fluoride varnish and fluoride varnish with recalcium.
- Ramdeo Baba College of Engineering – Automatic Instrument Sharpener.
- With the advent of globalization and opening up of Indian economy to outside world, competition among industries has become stiff. To solve their dental problems people look up now to Dental Institutions hence we are in readiness to tackle this issue.
- Our students are selected for jobs in multinational companies, we expose them to newer technologies and dental methodologies as a result they are selected for higher studies/higher jobs. Just to name a few, Dr. Deepak Wathore 2008 Batch- DDS USA, Dr. Srilekha Borkar- Assistant Manager –Human resources at GSK, Dr. Mayur Munne –Masters in social health at TATA Institute Mumbai, Dr. Satyanarayan Pande- Defence Services, Dr. Ambika Narayan- Defence Services, Dr. Arjun Dangare 2006 Batch- DDS USA

Internalization:

- Internalization is part of regular activity.
- Institution reviews the progress of IQAC and sets the standards by reviewing national and international Institutions of excellence.

6.2.2 Describe the Institution's internal organizational structure (preferably through an organogram) and decision making processes and their effectiveness.

LOCAL MANAGEMENT COMMITTEE



As reflected in the organogram the process of decision making is strictly followed.

- Dean is the head of the Institute followed by Vice Dean- Dental and Medical followed by UG and PG directors. The students' council also takes part in various decision making processes.
- All the departments are headed by Head of Department, who in turn is reported to by his/ her subordinates.
- All the heads of department report to the Dean who is the head of Institution.
- The decision making process is based on policies of Institution, feedback from all the stakeholders and based on facts and figures reviewed from time to time.
- The final decisions are taken by the local management committee.

Is there a system for auditing health care quality and patient safety? If yes, describe

- Yes, internal audits for health care quality and patient's care are carried out to ensure the patients safety and satisfaction.
- Ethical practice is monitored by the Head of Department and patients' feedback is taken on regular basis for the treatment planned and executed for each patient.
- Bio safety committee monitors the system of segregation and disposal of bio waste.
- Every Department takes feedback forms from the patients to monitor the quality of services they provide.

How often are these review meetings held with the administrative staff?

- Head of Department holds the review meetings with the academic and administrative staff every month. Problems related to teaching, learning, problem related to students and patient cares are discussed in these meetings and remedial measures are carried out.

6.2.3 Does the college conduct regular meetings of its various Authorities and Statutory bodies? Provide details.

- Yes, regular meetings are carried out with the various authorities and statutory bodies.
- Detail schedule of meetings conducted by college with various bodies along with minutes of meeting and action taken report is available in the office of the Dean.

6.2.4 Does the college have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?

- Yes, the Institution has various policies to ensure quality and smooth functioning of academic, administrative, research, purchase and treatment procedures carried out. The various policies are Leave policy, Equipment

maintenance policy, Hospital policy, Breakage policy, Material management policy and Equipment purchase policy.

The policies are formulated by LMC and Dean. Staff and students have to abide by the policies of the Institute.

The policies are also reviewed in regular meetings with the HOD and other staff members.

6.2.5 Does the college encourage its academic departments to function independently and autonomously and how does it ensure accountability?

- The college encourages its academic department to function independently and autonomously. A very unique concept in our Institution is the allotment of H.O.D Fund where in all the Heads of the Department are given a certain amount each month to fulfil the day to day requirements of the department. We maintain a complete account of the fund which is audited every month by the Account section.
- Accountability is ensured by a comprehensive HOD report which is generated every month which has all the information regarding the academic activities, attendance of students and staff, punctuality and regularity of non-teaching staff and status of maintenance of equipment are mentioned in a systematic way.
- The Heads of Department and PG Guides also take care of the post graduate teaching, seminars, case discussions, journal club discussions, short term projects, library dissertations and research dissertations as per DCI guidelines and syllabus laid down by MUHS.
- Dean has the power to take action on any of the departmental affairs if required in coordination with Head of Department.
- The feedback is taken on regular basis from the students, patients and parents regarding the issues of the department.

6.2.6 During the last four years, have there been any instances of court cases filed by and / or against the college? What were the critical issues and verdicts of the courts on these issues?

Yes. There were few cases but the verdict of all the cases have gone in the favour of the Institution.

6.2.7 How does the college ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder-relationship?

- Grievances committee has been setup in the college for students to solve their problem. In case of a problem, members of grievances committee come together, analyse and solve the problem as soon as possible.
- Anti ragging and Vishakha committee at the work place looks into any complaints of ragging and sexual harassment.

- Students and patients can write their grievances/complaint and drop in the suggestion boxes which are looked into, to find solution by the grievance committee.
- The grievances are finally discussed to find solution for satisfaction of the students, parents and patients. This ensures a stronger relationship with stakeholders.
- There is helpdesk to solve on the spot grievances of the patients and render help to the senior citizens and physically challenged patients.

6.2.8 Does the college have a mechanism for analyzing student feedback on Institutional performance? If yes, what was the Institutional response?

- Yes, feedback from students on Institutional performance is taken on regular intervals.
- The feedback on teaching / learning methods, infrastructure, hostel, library and other facilities are taken, analyzed and necessary corrective measures are carried out.
- All the above are discussed and actions are taken.

6.2.9 Does the college conduct performance audit of the various departments?

- Yes, performance audit is carried out mainly through the monthly HOD report.
- A team of staff conducts the performance audit and submits the report to the Dean.
- Feedback from students is taken on teaching methodology and for teaching faculty.
- Feedback from patients are taken and evaluated regularly and corrective measures are taken.
- Performance of BDS and MDS students are also discussed in detail by the Dean and if required by Chairman LMC
- Academic audit of the Institution is carried out by the Local Enquiry Committee of the MUHS and The Dental Council Of India which includes the various experts from other Institutions.
- Meetings of all Heads of Department, Dean and attendance committee are held to audit the student's performance and attendance before sending them for the university exam. Any deficiency in performance is discussed with LMC or Dean.
- Feedback from examiners is also taken to analyse the performance of the students.

6.2.10 What mechanisms have been evolved by the college to identify the developmental needs of its affiliated / constituent colleges?

- NA

6.2.11 Does the college and hospital have their own updated websites? If so, is the information regarding faculty and their areas of specialization, days of availability, timings, and consultation charges available on the website?

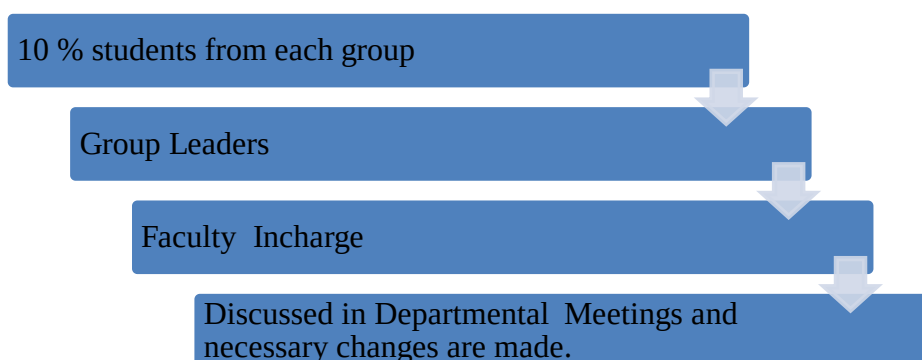
- Yes, the college has its own updated website www.sdk-dentalcollege.com. It has information related to:
- Vision and Mission of the Institute
- Academics- All information is available regarding the departments, affiliation, faculty, results, and achievements.
- Student activities and their contributions in Academics, Research, Seminars and Workshops, Health camps and Extracurricular activities are available.
- Building and infrastructure, hospital, hostels as well as news, photo gallery, tributes and alumni are featured on the website.
- Has a wide range of information relevant to patient care, teaching-learning, research, policies and protocols, as well as individual departments.
- Information regarding faculty and their areas of specialization, days of availability, timings, and consultation charges are also available.

6.2.12 What are the feedback mechanisms and documentations to evaluate the outcomes of these exercises?

There is a structured feedback mechanism for:

- Feedback from Patients
- Feedback from students
- Feedback from other stake holders
- Feedback forms with different format for patient's students and other stake holders are prepared.

Following flow charts explains the feedback mechanism:



- Students are divided into groups having group leaders. All the group leaders give a summary of the feedback and these are then scrutinised and results are assessed and depending on the results corrective measures are taken.

- For patients' feedback, forms are given in a randomised way at the end of the treatment. Filled feedback forms are evaluated at the end of the month and corrective steps are taken to improve the quality of treatment.

6.3 Faculty Empowerment Strategies

6.3.1 What efforts have been made to enhance the professional development of teaching and non-teaching staff? What is the impact of continuing Professional Development Programs in enhancing the competencies of the university faculty?

- The DET Cell and RICH of the Institute encourages the faculty for attending various conferences, workshops, CDE programmes at national & international levels as well as research.
- In order to improve the teaching skills of the faculty the Institution conducts various workshops like research methodology workshop, teachers training workshops, workshop on basic life support, and computer training for non-teaching staff .
- For non-teaching staff, the Institution is friendly & tries to impart knowledge regarding computer handling, thereby making them technology savvy. LAN awareness is also given to them for easy & smooth functioning of the department. They can easily maintain the regular attendance of the staff, biomedical waste disposal report & equipment maintenance record. Regular training is also given to them to develop soft skills especially dealing with the patients.
- Workshop is arranged to give basic life support training to the staff so that they can manage the emergencies in dental office.
- The Institution has a provision of financial support and leaves for attending FDP, conferences and paper presentations.

6.3.2 What is the outcome of the review of various appraisal methods used by the institution? List the important decisions.

- Based on Confidential Report, Self-Appraisal Report and Annual Performance Index of teaching and non-teaching staff, areas of improvement are communicated to them.
- Increments and promotions are decided based on the reports.
- Incentives are given to teaching and non- teaching staff based on their performance.
- For non-teaching staff, if a deficiency is observed, special training is given.
- For the students, regular PCT exams are conducted and weak students are given remedial classes.

6.3.3 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have benefitted from these schemes in the last four years? Give details.

- The Institution in the form of boost and appreciation, also offers incentives to the nonteaching staff, after inspecting their regularity, sincerity and commitment to serve the Institution selflessly.
- Non-teaching staff can also avail loan facility based on their salary.
- For each and every faculty member as well as students, the Institution provides free dental treatment and hospital facility.

6.3.4 What are the measures taken by the Institution for attracting and retaining eminent faculty?

- Yes, the Institution believes that the faculty is an asset to the Institution and always strives to retain them by providing good working environment for professional growth.
- Competitive salary structure, recognition of service and timely promotions.
- Many faculty members are serving in the Institution since the time of its inception. It is the result of efforts of the Institutional policies of faculty retention.
- The college has a healthy atmosphere for academics, research, self development and teaching-learning activities. The LMC encourages the faculty for further programmes and advanced training.
- Faculty has opportunity to pursue Master degree and Ph.D
- Facilities like accommodation and transportation are provided to staff where needed.
- Concession in fees is given to the wards of the faculty.
- Whenever needed, as per the rules and regulations of the Institution, the Institution provides advanced salaries and financial help to the faculty, especially to the non-teaching staff.

6.3.5 Has the institution conducted a gender audit during the last four years? If yes, mention a few salient findings.

Yes, Percentage of Female students taking the admission for BDS & MDS programmes has increased.

Table 6.2: Male and Female percentage for undergraduate students

Year	Male (in percentage)	Female (in percentage)
2012- 2013	15 (15%)	85(85%)
2013- 2014	19 (19%)	81 (81%)
2014- 2015	10 (10%)	90 (90%)
2015- 2016	25 (25%)	75 (75%)
2016- 2017	18 (18%)	82 (82%)

Table 6.3: Male and Female percentage for post graduate students

Year	Male (in percentage)	Female (in percentage)
2012- 2013	5 (24%)	16 (76%)
2013- 2014	12 (50%)	12 (50%)
2014- 2015	9 (43%)	12 (57%)
2015- 2016	6 (30%)	14 (70%)
2016- 2017	5 (25%)	15 (75%)

6.3.6 Does the Institution conduct any gender sensitization programs for its faculty?

- Yes, the faculty as well as the students are sensitized.
- Within the Institution, there are various committees like Vishakha committee and Women's grievances committee.
- Lectures for road safety, safety for women, women empowerment and self defence are conducted for the staff and students.

6.3.7 How does the Institution train its support staff in better communication skills with patients?

- Institution conducts regular training programs for its respective departmental support staff basically for improving and developing their skills and knowledge.
- These training sessions are conducted through the modes of lectures, presentations, practical demonstrations audio visual documentaries etc.

6.3.8 Whether the research interests of teaching faculty are displayed in the respective departments?

- Each concerned departmental teaching faculty involved in research activities display their material in their department in the form of posters, charts, audio visual displays, boards, CDs etc.

6.3.9 Do faculty members mentor junior faculty and students?

- Yes. Mentoring of students is done through Interaction Module for the under graduate students.
- There are mentors from first to final years for undergraduate students to help them perform well in exams and to track their progress.
- The senior faculty members supervise and guide junior faculty members in their academic activities. The senior faculty members also guide & support the ongoing research activities & short term studies of undergraduates, postgraduates & junior faculties.
- They take care of Academics, Scholastics, Professional and Psychological needs of junior staff and students.

6.3.10 Does the Institution offer incentives for faculty empowerment?

- Faculties are provided with good office and adequate work space so that they can function properly.
- Attendants are appointed to assist during official work.
- They are provided with individual computers and scanners in their chambers.
- They are provided with a clean and separate section in the college cafeteria.
- The Institution also offers special leaves for attending conferences, workshops, research projects & helps in the publications.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the Institutional mechanism available to monitor the effective and efficient use of financial resources?

- This Institution is run by Swargiya Dadasaheb Kalmegh Smruti Pratishthan.
- The effective and efficient use of financial resources is thus managed by the Dean and the account office under the able guidance of local management committee.
- Purchases of items are approved by purchase committee and the yearly audits of the accounts are done by an external auditor.
- Internal audit of the department is done by college committee.

6.4.2 Does the Institution have a mechanism for internal and external audit? Give details.

- Yes. The Institution has a mechanism for internal and external audit.
- It is done by the account office along with the Chartered accountant/ senior accounts officer.
- External audit for the institution is done by external audit agency

6.4.3 Are the Institution's accounts audited regularly? Have there been any audit objections, if so, how were they addressed?

- Accounts are audited regularly. There has been no audit objection.

6.4.4 Provide the audited statement of accounts with details of expenses for academic, research and administrative activities of the last four years.

- Audited Balance Sheet of last four years enclosed.

6.4.5 Narrate the efforts taken by the Institution for resource mobilization.

- The various efforts for resource mobilization taken by the Institution are as follows:
- The Institution income is generated through student's tuition fees, hostel fees and subsidised treatment charges.

6.4.6 Is there any provision for the Institution to create a corpus fund? If yes, give details.

- Yes, provision has been made to create corpus fund. Details as per audited Balance Sheet.

6.4.7 What are the free / subsidized services provided to the patients in the hospital?

The subsidized services provided to the patients are in the form of free Dental Camps in various cities and certain villages. Medical camps are also conducted regularly. We have two satellite clinics at Wadi and Hingna wherein free dental services are provided. The community department has adopted three villages, Bazargaon, Surabardi and Sangam, where regular camps are organized and free consultation and treatment is done.

Please refer attached annexure 6.4.7

6.4.8 Does the Institutions receive fund from philanthropic organizations / individuals towards patient care? If yes, give details.

- The Institution does not receive any fund from any philanthropic organizations / individuals towards patient care or organization up gradations.

6.4.9 Do patients from other states / abroad come for treatment, reflecting the unique quality health care provided by the Institution?

- Needy patients from nearby states and districts like those of Madhya Pradesh and Bihar do come for treatment and health care management as and when required. The availability of affordable, specialty services encourages the patients to approach the Institution. Subsidy of up to 50% in all the treatment is been provided for all the needy patients coming from other states. Auto-rickshaw service is provided for the patients from nearby stop at Hingna for ease of the patients to approach the college.

6.5 Internal Quality Assurance System:

6.5.1 Does the Institution conduct regular academic and administrative audits? If yes, give details.

Yes, the Institution conducts regular academic and administrative audits for smooth functioning of departments.

Administrative Audit:

- It mainly includes the monthly report, whereby all the work done for a particular month is reported.
- Monthly report is a standard format which is maintained by all the departments.
- It includes the academic work done by each staff, attendance report of faculties, undergraduates, postgraduates, clinical work, sterilization &

disinfection record, equipment maintenance record, and record of outsourcing materials/ equipment whenever required.

- As a result of this clear idea on the academic record of staff & students is provided.

Academic Audit:

- It is carried out by analyzing the feedback from students and necessary improvements in teaching and learning methods are done. There is an interaction module for students and bridge course for first years and interns.
- Monitoring of Research projects and publications is done.

6.5.2 Based on the recommendations of the Academic Audit, what specific follow up measures have been taken by the Institution to improve its academic and administrative performance:

- Yes, the teaching and learning process is reviewed in HOD meetings.
- All departments submit the academic planning, wherein lectures, practicals and clinics to be conducted are planned. It is monitored through monthly report submitted to the Dean.
- Clinical orientation to 3rd year with special emphasis on communication skills, ethics and sterilization has been introduced prior to stepping into the clinics.
- The follow-up is done during interaction module.
- Regular monitoring of research projects and publications of the articles is done.

6.5.3 Is there a central unit within the Institution to review the teaching-learning process in an ongoing manner? Give details of its structure, methodologies of Operations and outcome?

- Yes, there is a central unit in the Institution for reviewing the teaching-learning process. It comprises of the local management committee, the Dean, and the HODs of every department who all together review the same.
- They have formulated various committees for evaluation of the teaching learning process, which thereby report to the central unit monthly.
- The structure of the Interaction Committee includes one head of the committee. He presents the interaction report of all the students prepared by their respective incharge in front of the central unit. He also governs the work of the year wise in charge. All the four, year wise in charges are followed by the individual group teachers and one group leader from each group of the students. In this way work is distributed for proper and accurate results. Regular monitoring of the students' performance as well as their attendance is monitored by this committee. Each group teacher reports monthly about the performance of the individual students to their respective heads in the form of DRS score (discipline, regularity & sincerity).

- In the interaction committee, regular interactions between the teachers & students are done on daily basis subject wise. This interaction makes the individual student aware of the particular subject. Their interest for all subjects is supervised. Important points related to question paper solving, viva and MCQ's are discussed. Guidance for time management & study methods are also shared with the students. As a result of this interaction a good rapport of the students with their teachers is developed and the teacher also finds it's easy to help the student who finds it difficult to cope up with a particular subject.
- Regarding the attendance committee, there is a head that monitors the work of year wise teacher incharge. The teacher incharge maintains the attendance record of students for clinics as well as lectures. The head conducts regular meetings after every three months with its committee members in order to take a review of the student attendance. Reports of the meetings are regularly maintained.
- In order to achieve the required attendance of the students as per the university norms the committee is working zealously. As a result of this the students who fall short of attendance due to any reason are counselled properly and efforts are taken so that they attend the classes regularly thereafter.
- The ethical committee comprises of eminent intra and inter Institutional faculty members. They all come together unanimously for finalising the thesis topics of the post graduates. They monitor their topics and guide them accordingly.
- There is British club committee to improve & enhance the English language skill and to excel in the field of dentistry. The committee includes efficient faculty members guided by the head of the committee. Each member of the committee strives hard for personality development of students who find it difficult to cope up with English language. They arrange various quiz competition, extempore, essay competition, debates, etc to encourage them and create awareness for the language. Regular details & updates of the committee work are reported by the head of the committee to the central unit.
- As per the university norms, the distribution of time for clinics as well as lectures is given. The distribution of time for clinic and lectures along with coordination with the each faculty members is done by the timetable committee. Two efficient staff members are appointed for monitoring the work. As well as the examination committee is also there which monitors the examination schedule, conduction of the examination and preparation of results from time to time basis.
- In this way, the central unit within the Institution reviews the teaching learning process with responsibility and suggests the changes to be adopted and their

expected outcome. As a part of teaching learning evaluation we also have fixed library hours specific to each year. The details are :-

Year	Number of library sitting hours
First and second year BDS	8 hour/month
Third year and fourth year BDS	20 hour/month
First year and third year MDS	20 hour/month
Second year MDS	12 hour/month

6.5.4 How has IQAC contributed to Institutionalizing quality assurance strategies and processes?

- IQAC has been formed which is helping in improving the standard of education, administration and research.

6.5.5 How many decisions of the IQAC have been placed before the statutory authorities of the Institution for implementation?

- In order to improve infrastructure, teaching learning process and for improvement in research, the IQAC places almost every decision before the statutory authorities of the Institution for implementation.

6.5.6 Are external members represented in the IQAC? If so, mention the significant contribution made by such members.

- The IQAC invites the prominent and reputed personalities in the field of Dentistry, Medicine and IT from time to time basis.
- Legal expertise and social workers are also external members in IQAC. They contribute towards legal affairs regarding patient management consent and ethical clearance for research.
- These external members actively participate & contribute by suggesting various methods to improve the standards of health education and opinion for the upliftment of the Institution to a higher level.

6.5.7 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

Yes, special attention is given to those students who belong to underprivileged section of society and who face difficulties in their academic growth. This is done by regularly arranging various debates, extempore, quiz competition and essay competitions etc, as a result the students finds it easy to cope up with the ongoing competition.

6.5.8 Are there effective mechanisms to conduct regular clinical audit of the teaching hospital? Give details.

Yes, there are effective mechanisms to conduct regular clinical audit of the teaching hospital. The clinical audit is conducted to audit patient numbers, case

papers, clinical record in the department and to improve patient to doctor relationship. Month wise the clinical audit is monitored and record is maintained.

6.5.9 Has the institution or hospital been accredited by any other national / international body?

Yes, the Institution is recognized by the Dental Council of India and MUHS which has given its approval to the Institution.

The Institution also has an attached 100 bedded medical hospital which is according to the norms of Bureau of Indian Standard i.e. BIS.

6.5.10 Does the hospital have Institutional and individual insurance schemes to cover indemnity claims?

- The hospital has no Institutional and individual professional indemnity insurance to cover indemnity claims.
- However, they are planning to adopt such schemes in near future.

CRITERIA VII: INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the institution conduct a Green Audit of its campus?

The institute is planning to undergo a green audit for the campus. We have initiated a new project called “**GREEN CAMPUS**”. Green audit of the campus will be conducted by the committee and staff to make the Institute eco-friendly. We are basically aiming to reduce carbon emission within the premises of the institution. The focus of the project will be on three problem areas –

- Excess use of paper,
- Shortage of Water during summer and
- Excess Energy Consumption.

The group has identified various areas for improvement to solve problems pertaining to environment.

The purpose is

1. To create awareness about energy conservation through proper education.
2. To reduce the use of excess use of papers.
3. To enable proper waste reduction and Recycling Practices through education
4. To reduce the carbon foot prints as much as possible.
5. To ensure the use of renewable sources for consumption and less use of non-renewable sources of energy.

Green Audit of the campus will be done in the college to improve the environmental conditions with the help of college green audit committee members and students. Regular programs are organized to establish eco-friendly atmosphere on the campus and hostel areas. Hence thrust will be given on plastic free zone on the campus. The student volunteers will be extensively used to campaign against the plastic things sensitizing the dangers of plastic materials.

The campus is full of various kinds of trees and Gardens. We are regularly conducting the **green plantation** program on every birth anniversary of **Swargiya Dadasaheb Kalmegh**. We have achieved the maximum number of tree plantations in the last 2 years.

7.1.2 What are the initiatives taken by the institution to make the campus eco-friendly?

The institution is continuously making an effort to make the campus as eco-friendly as possible, for which the following measures are tak

SR NO	INITIATIVES TAKEN	YES/NO
1	Use of renewable energy	YES
2	Energy conservation	YES
3	Water harvesting	YES
4	Solar panels	YES
5	Efforts for carbon neutrality	YES
6	Plantation	YES
7	Bio-hazardous waste management	YES
8	E-waste management	YES
9	Effluent treatment and recycling plant	NO
10	Recognition / certification for environment friendliness	NO

Energy conservation

1. Swargiya Dadasaheb Kalmegh Smruti Dental College has installed **ELCB (Earth Leakage Circuit Breaker)** on each floor which helps to cut off the power supply completely at each floor when not needed. This facility is particularly useful when classes culminate and use of power is not required in the entire floor.
2. The representative in each class has done numbering fans/ lights in the classroom with the corresponding switches on the switch board. This makes putting off lights/fans (when not required) a simple and easy task. The natural light is used to its maximum. Non-essential lights are turned off whenever possible.
3. Posters and placards on energy conservation are displayed in classrooms, computer labs and administrative office.
4. The college issues circulars regularly advising faculty and staff members to save electrical power by turning the light, fan and other electrical appliances switches off when not in use.
5. We are not totally dependent on the MSEB source for electricity. We are having generators in the institution for emergency requirement.
6. The Diesel consumption by the Generator and MSEB Electricity consumption are analyzed per week and a schedule is finalized for the use of generator and electricity especially when Operation Theater is going on in general hospital with the intention of saving energy.

Use of renewable energy

1. Solar powered panels for water heating in the hostels, and hospitals are installed and are functioning.
2. Paperless office – Swargiya Dadasaheb Kalmegh Smruti Dental College is using IT facility for routine administrative and academic work with pure intention of saving energy. All the routine administrative work is channeled through LAN.
3. The waste water is used for watering the plants.
4. The college issues circulars regularly advising faculty and staff members to save electrical power by turning the light, fan and other electrical appliances' switches off when not in use.

Water harvesting

Institution has water harvesting plant system with the basic purpose of saving water. Previously we were facing the shortage of water during the summer season. The idea behind the process is simple. Rainwater is collected when it falls on the earth, stored and utilized at a later point. It can be purified to make it into drinking water, used for daily applications. In short, Rainwater harvesting is a process or technique of collecting, filtering, storing and using rainwater for irrigation and for various other purposes.

Solar panels

Renewable energy like solar panels are one of the best options for reducing the cost and making the campus green for which the institute has total 120 Solar panels 250WP each are installed which generates 30KW of energy.

Efforts for carbon neutrality

1. Proper landscaping and greenery over the entire campus is the first step towards curbing the pollution.
2. We are making efforts to reduce our carbon foot prints, the institution does not permit unnecessary uses of LPG gas and also burning of any form of waste material (predominantly glassware, Electrical waste, Medicines etc.).
3. A common transport is provided to the students and staff coming from distant places with an intention of saving energy and carbon neutrality..
4. Efforts are being taken to create awareness amongst all the staff and students regarding fuel conservation. Tree plantation programs are frequently organized within the campus.

Plantation

The campus already has numerous plantations of Neem trees. We are regularly conducting the **green plantation** program on every birth anniversary of **Swargiya Dadasaheb Kalmegh** for plantation of newer trees and to keep our campus green.

Our college also sensitizes student to conserve nature. “Save sparrow” project is a regular activity conducted in the campus to provide food, water and lots of trees for the birds.

Bio-hazardous waste management

1. Institution is following stringent measures laid down under the environmental act 1983 and Bio-medical waste at and water under policy Act.
2. Four color bags (**red, yellow, blue, black**)with dustbins has been provided to all clinical departments .
3. Biomedical waste disposals segregated by department and are being deposited at the collection point (hospital) in respective color bags.
4. External Agency named as “Superb Hygienic” picks up the biomedical waste from collection point.
5. We are having one format for the biomedical waste management in which all the department makes entry of collection of the waste.
6. The report of the same is attached with monthly report and regularly gets analyzed by the In charge.
7. All the departments strictly maintain biological waste disposal register and it is supervised by one senior in charge teaching staff with the HOD.
8. The data is maintained online on a daily basis.

E-waste management

The management policy on e-waste management is –

1. To donate old working computers to the needy staff.
2. The useful hardware spare parts are retained and put to use later. The e-waste is segregated to be disposed off in an organized manner.
3. The college collaborates with government recognized E-waste management company E- disposal.
4. Practical learning of hardware through old computers
5. The college has made an effort in several other areas to leave a mark on environment conservation, such as: Employee health records are maintained on LAN.
6. Issuing some circulars exclusively via email to save paper and printing ink .
7. Motivating students to minimize wastage of materials during work

Recognition / certification for environment friendliness

There is no certification done by any committee.

7.1.3 How does the institution ensure that robust infection control and radiation safety measures are effectively implemented on campus?

1. Institution has already implemented all rules and regulations related to biomedical wastes, water under pollution, radiation hazard and safety act etc.
2. Institution also have lead screens ,lead aprons, lead gloves ,radiographic filters ,dark room with safe light facility, automatic radiographic film processor in the department of oral medicine and radiology and also RVG in the other departments where x rays are required.
3. Organizing special lectures for students for management of HIV/ HSV/ HBV/ HCV infected patients.
4. Strategic placement of charts regarding Post-exposure prophylaxis in all the clinical departments.
5. Provision of state of the art Class B autoclaves in all the Departments with an efficient system for scrutinizing and record-keeping.
6. We have made compulsory announcement for teaching and non teaching staff to have immunity against hepatitis B All the in charge of the respective classes are instructed to maintain proper record of the immunization status of the each students, all the departments are also instructed to maintain the record with reference to hepatitis –C and HIV.

Radiation Safety Measures

1. To fulfill the objective of ensuring protection of the patients' and personnel's well-being, vigorous measures are taken for radiation safety in the institution.
2. In view of diligent observation of all the rules and norms laid for radiation safety, Department of Radiology in SDKS Dental College and Hospital has been conferred registration with Atomic Energy Regulatory Board (AERB).
3. All the radiography machines used in Department of Radiology, Conservative Dentistry, Pedodontics and Prosthodontics are approved by AERB.
4. AERB in the year 2012 also approved the appointment of Head Department of Oral Medicine and Radiology, as Radiation Safety Officer.
5. Radiology sections are indicated as areas of restricted entry and signs regarding the same are displayed clearly at the entrance to the sections.
6. Radiology department has predominantly gone digital. The use of digital radiography along with advanced software has significantly reduced the radiation dosage.
7. Duplication and repetition of radiographs are avoided by use of Local Area Network (LAN) for transmission of images.

8. Quality assurance exercises are carried out at periodic basis for ensuring safety and quality of imaging in the Radiology section.
9. Radiation measuring and monitoring instruments like Personnel Monitoring Badges (Thermo Luminescence Dosimeter; assessed by AERB certified Laboratory) and radiation protection accessories like lead aprons, mobile protective barrier etc. are duly available in the department.

7.1.4 Has the institution been audited / accredited by any other agency such as NABL, NABH, etc.?

Institution is not accredited by NABH and ISO. However, the college has been regularly inspected by DCI and LIC of MUHS.

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the institution.

Innovations in teaching

We, at Swargiya Dadasaheb Kalmegh Smruti Dental College, have adapted different innovative methods for teaching such as :

- a) Problem Based Learning.
- b) Interdepartmental discussions for cases by all departments.
- c) We have introduced Digital learning methods to our module which helps students to have a real life effect of the procedures involved during working on patients.
- d) Education may also be considered as a dynamic process where the trainers also need to be trained. Keeping this in mind, numerous training programs are conducted for the teachers. Almost all the staff members have attained basic training and many have attained advanced training for health care professionals by MET, MUHS.
- e) Also for counseling of students we have formed **V4U for psychological counseling**.
- f) **Interaction Module** is a form of committee which takes care of student's education progress with staff mentoring the students.

Innovations in examinations

1. We are strictly following the confidentiality in examination papers by obtaining 3 sets of paper from respective department before every PCT exam.
2. The Dean of the institute selects one set of paper out of three sets of question papers.

Innovations in administrative work

1. We have formed various committees for each work under different headings as per the requirements.
2. We have different heads who leads the committee and under whom different subordinates are chosen to run administrative work, it is done at both the departmental as well as the institutional level.
3. Following are the innovations in administrative work
 - a. Interaction Module.
 - b. Committee for British club.
4. Considering “Green Campus” initiative, efforts have been made to reduce the use of paper in the institution and a “paperless” administration is aimed at. All the departments are connected through LAN.
5. To minimize wastage of materials in all the departments, provision of the required materials in specific premeasured and quantified portions to the students is made.
6. The proper planning and implementation of work is being carried out by the distribution of administrative and clinical work among the staff members in the department.

Innovations in research

1. We, at Swargiya Dadasaheb Kalmegh Smruti Dental College, believe that research plays a pivotal role in higher education. The college constantly focus on research work where the institution is continuously supporting for new innovative projects for which our college has formed a committee **RICH (Research and Innovative Committee for Health care)**.
2. All the staff members and students are encouraged to take up research projects which have resulted in some excellent innovations.
3. The outcomes of our efforts are that few projects have been sanctioned/ funded by the MUHS as well as some other companies.
4. Patents are acquired by many departments under the research projects.

Few innovations and patents

Sr. No.	Innovations/ Patent	Objective
1.	Wing- Bib Multihelix Maxillary Expander	To find out the Best possible way for maxillary arch Expansion
2.	2-piece flexible premaxilla correction appliance	To find solution for Pre maxillary defects

3.	Perio Geek	App available on Google play store to study recent advances in Periodontology.
4.	MTA Carrier	To minimize the wastage of MTA & to make it cost effective.
5.	MTA Condenser	• Device used to condense MTA before placement • To achieve compact & dense seal at periapical areas.
6.	Acrylic device to be placed intraorally for dental photography	To get best possible photography in intraoral scenario.
7	Device used for cleaning debris from NiTi rotary instruments	To make the Ni Ti instrument more efficient, durable & avoidance of Cross contamination
8	A new classification for PNAM in cleft lip & palate case. (Copyright)	For classifying cases of cleft lip and palate

TITLE -INTER INSTITUTIONAL INCLUSIVE INNOVATIONS-I4C

1. We have started Inter institutional inclusive innovation center at our college premises approved by MUHS and Inaugurated by Honorable Vice Chancellor Nasik.
2. I4C is an independent, public, non-profit organization established under Section 25 of Indian Companies Act, 1956. It is based on unique Public-Private-People-Media Partnership Model (P3MP).
3. I4C will be governed by Executive Council and Board of Directors.
4. I4C will act as a platform to proactively scout, showcase and handhold technology innovations, especially aimed at the base of the pyramid.
5. Through I4C, we wish to systematically support innovations and innovators and make them market ready. I4C will also aggressively work to promote the culture of Innovation through crowd sourcing of new ideas, Grand Challenges and Innovation Competitions from across the nation.

OBJECTIVES OF I4C

1. To provide a platform to the innovators for showcasing their innovations to the relevant stakeholders like Investors, Industrial houses, Academicians and funding agencies.
2. To act as a coordinating, monitoring, training, educating and liaising body to convert innovations into finished marketable products. To emerge as an accrediting and certifying agency for quality assurance for innovations.

BENEFITS

1. The members of I4C will have first right for commercialization or refusal for the innovations identified by I4C. The members will get regular update regarding innovations identified by I4C.
2. Competitions will be also organized. I4C will coordinate all these. The members will be provided a platform to showcase their own innovations.
3. Members will have access to the unique network of Investors, Industrial houses, Academicians and Government Officers keen on looking at new technologies and funding great ideas.

Innovations in Community Service & Patient care

Some of the innovations in patient care are as following:

- The institution has opened satellite clinics in different parts of the city one in **Hingna** and one in **Wadi**, where our staff and interns are posted to educate patients about oral hygiene maintenance to the patients and treat patients free of cost in the clinics. We are also planning to open one more satellite clinic in near future.
- **READY** (Rural Education and Awareness of Dentistry Yojana) in which we have adopted 3 villages to make them aware regarding oral hygiene status and providing them free treatment.
- **LLM** (Local Language Marathi) group is formed. This forum prepares students from Non Marathi background to develop communication skills to handle patients especially. This forum helps to give pre and post-operative instructions in local language.
- **DEAR children** (Dental Education And Awareness Review) is established where 21 schools are adopted and their oral hygiene care and education and treatment is done free of cost by the institution.

7.3 Best Practices

7.3.1 Give details of any two best practices that have contributed to better academic and administrative functioning of the institution.

A) Title - Interaction Module

Introduction

1. **Interaction Module** is an opportunity to learn for improving the academic record.
2. It was a unique idea of Hon'ble President that started in 2006-2007 year.
3. **Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital** is the only college conducting the interaction classes along with regular theory and practical classes since its inception.
4. Students are mentored through this initiative.

Definition

Interaction Module is a sort of microteaching where teacher interacts with a small group of students to make them more competent and confident.

Objectives of the practice

1. To enhance communication between staff and students on individual basis.
2. To solve the difficulties of the subject.
3. To prepare the students for oral exams.
4. To help them solve MCQs.
5. To increase the confidence of the students.

Context

1. Topic which is not understood by the students seems to be the most challenging task not only for the average students but also for the poor students.
2. Such topics need to be simplified and explanatory to make them easier to understand for the students.
3. For that, examples which are in routine practice should be given so that they could compare those things and correlate them with the subjects. So if the things are visualized they help in not only to understand the subject but also to retain in the mind for long duration of time.

The Practice

How it is conducted

- 1 Students of each year are divided into groups.
- 2 Each group has 10 students.
- 3 One group leader among the students has been allotted to each group.
- 4 Each group has their respective group teacher.
- 5 Students meet their respective group teacher every 15 days.
- 6 Interaction classes are conducted by respective subject teachers.
- 7 Subject teachers prepare monthly interaction report and submit to group teacher.
- 8 Group teachers prepare report of their respective group of all subjects and submit to group coordinator.

- 9 Group coordinator prepares a report for all groups for all subjects and submit report to interaction in charge:

Subject teacher $\Rightarrow$ Group teacher $\Rightarrow$ Group coordinator $\Rightarrow$
Interaction Incharge $\Rightarrow$ Dean sir $\Rightarrow$ Honorable President sir

Interaction time table

One hour time is given for the interaction in the teaching schedule

What we teach in interaction

1. MCQ teaching
2. Microteaching
3. Solving the difficulties of the subject
4. Preparing students for viva / Oral exams
5. Surprise exams

We follow DRS System for evaluation of interaction module

DRS SYSTEM (D –DISCIPLINE, R – REGULARITY, S- SINCERITY)

D→ DISCIPLINE

1,2,3 - poor *

4,5,6 -average **

7,8,9,10 - good ***

R→ REGULARITY→Attendance

0-35% -Poor *

36- 70% -average **

71-100% good ***

S→ SINCERITY

1,2,3 - poor *

4,5,6 -average **

7,8,9,10 - good ***

On this basis, 10 students whose score was between 7-10 were selected for the honour of MUHS university exams and special attention with extra coaching was given to the students between 1-3 scores that would help us to improve overall results of the students

Evidence of success

1. MUHS toppers from the college.
2. Every year merit holders from each subject.
 - a) Venkatesh Sahu,
 - b) Satyanarayan Pandey,
 - c) Prabhat Kawle,
 - d) Aushili Mahule,
 - e) Namrata Khetal
3. Weak students are selected and extra efforts are taken to improve their performance and to help them pass the exams.
4. From each academic year, best students are chosen by the subject teachers monthly and will be awarded Rs 1000 every month.
5. We are also taking feedback from the students regarding topics which get covered in the interaction.
6. We are taking regular multiple choice questions, surprise exams and discussions among the students.

PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED

1. Interaction module is time consuming for the students.
2. In interaction, the students are divided into 10 groups having 10 students in each group. So, the topic which is very vast is divided into smaller sub topics and then it is explained to the students.
3. It becomes very difficult to take such major topics to such small group of students.
4. Also more manpower is required to take interaction among these small strata.

B) Title -British Club

Established Since: 1st May 2008 by Honorable President, Shri. Sharadji Kalmegh.

Structural and functional features:

1. TEACHER IN-CHARGE:
 - Dr. Mrs. Deepti Gattani
2. STAFF MEMBERS
 - Dr. Deepika Chandhok
3. PG STUDENT IN-CHARGE:

- Dr. Sakshi Dubey
- Dr. Snehal Deotale
- 4. STUDENT MEMBERS
- Abha Padhye
- Indrajeet Deshpande
- Supriya Soni
- Swarneet Kakpure
- Nikita Gurav

Objectives Of The Practice

The British Club activity sessions are comprised of:

1. Group discussions.
2. Games.
3. Quiz competitions.
4. Debate.
5. Extempore and elocution competitions.
6. Lectures conducted by noted Public speakers.
7. Activities on Personality development.

Context

The sessions improve language of students coming from the vernacular medium.

Improves –

- i) Vocabulary.
- ii) Presentation skills.
- iii) Self-confidence.

These activities help in preparation for competitive exams and vocational courses.

The Practice

The British Club aims to groom all the student members in the aforesaid fields and thus aid in their overall personality development so that each student grows up to become a successful, highly qualified and dignified human being.

Future Plans:

The course of action of the British Club is to conduct similar and newer-concept based sessions for the present and upcoming batches in the near future

C) Graduate Attributes through 12Cs

The institution has articulated its Graduate Attributes through 12Cs for all its students as well as staff. The institution not only expects the students to possess 10Cs (displayed in Green colour) of these values but also discourages them to follow the 2Cs (displayed in Red colour)

DO'S

1. COMPETENT
2. CONFIDENT
3. CONCERN
4. COMPASSION
5. CONSISTENCY
6. COMMITMENT
7. COMMUNICATION
8. COORDINATION
9. COOPERATION
10. COOL AND COMPOSED

DON'TS

11. CASUAL APPROACH
12. COMPLACENT ATTITUDE

- It guides and assists the students regarding academics social involvement, community participation career opportunities and professional values.
- It is applicable to each and every part of the institute all teachers, non-teaching staff, all members of the committee and to all the students.
- It is the method of appraisal and increment followed by the administration
- Also, it is the method adopted by the mentors in assessing the students.

Evaluative Report of the Department

- 1. Name of the Department** – Department of Conservative Dentistry and Endodontics
- 2. Year of establishment** - UG 2006,
PG 2012
- 3. Is the Department part of a college/Faculty of the university?** – Yes.
Department is a part of college and is affiliated to MUHS, Nashik.
- 4. Names of programs offered** –
 - a. Undergraduate - Bachelor of Dental surgery (BDS)
 - b. Post Graduate – Master of Dental surgery (MDS)
- 5. Interdisciplinary programs and departments involved** –
Prosthodontics, Periodontics, Oral and Maxillofacial Surgery, Pedodontics, Orthodontics.

Year	Interdisciplinary activities	Departments involved	Student Participants
31-07-13	Post And Core Treatment- Restoration Of Endodontically Treated Tooth	Endodontics and Prosthodontics	Dr Gaurav Tibdewal
13-04-15	Endo Perio lesions	Endodontics and Periodontics	Dr Nitin Jogad
24-04-15	Save tooth	Orthodontics, Endodontics and Periodontics	Dr Roshan Sinkar
30-09-15	Immature Non vital tooth	Endodontics and Pedodontics	Dr Deepa Thakur

- 6. Courses in collaboration with other universities, industries, foreign institutions, etc.** – None.
- 7. Details of programs discontinued, if any, with reasons** – None
- 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System** –
 - a. As given by MUHS, Annual Examination system for 1st, 2nd and 3rd BDS and Semester system for Final BDS. Annual pattern will be followed for Final BDS from academic session 2017-18 (Summer 2018) as per MUHS Circular dated 20/01/17.

- b. For MDS – On satisfactory completion of minimum 3 years as per the standards set by DCI and MUHS, Nashik

9. Participation of the department in the courses offered by other departments - Nil

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Post	DCI Requirement	Sanctioned	Filled
Professor	1	1	1
Associate Professor/Reader	2	2	2
Lecturer	4	4	4
Tutor / Clinical Instructor	5	5	5

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	Research under guidance
Dr Sanjay Patil	M.D.S.	Professor and HOD	Conservative Dentistry and Endodontics	24.8 years	5
Dr Vandana Gade	M.D.S.	Reader	Conservative Dentistry and Endodontics	17.4 years	3
Dr Priyatama Meshram	M.D.S.	Reader	Conservative Dentistry and Endodontics	10.7 years	1
Dr Deepika Chandhok	M.D.S.	Tutor	Conservative Dentistry and Endodontics	7.7 years	0
Dr Ambar Raut	M.D.S.	Lecturer	Conservative Dentistry and Endodontics	3.8 years	0
Dr Rishikesh Meshram	M.D.S.	Lecturer	Conservative Dentistry and Endodontics	3.7 years	0
Dr. Hitesh Gyanani	M.D.S	Lecturer	Conservative Dentistry and Endodontics	8 months	0
Dr Yogita Dhengar	M.D.S	Tutor	Oral and Maxillofacial Pathology	6 months	0

Name	Qualification	Designation	Specialization	No. of Years of Experience	Research under guidance
Dr Pooja Phabyani	M.D.S	Lecturer	Conservative Dentistry and Endodontics	1 month	0
Dr Harsha Dhone	B.D.S	Tutor	-	6 years	0
Dr Ashish Choudhary	B.D.S	Tutor	-	5 years	0
Dr Abhay Ghodkhande	B.D.S	Tutor	-	4 years	0

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors – Visit of senior faculty of various disciplines are regularly arranged by the Institute as well as Department through various interaction programs with students, conducting inspections, synopsis presentation before Ethical Committee, guest lectures, orientation programs, etc.

13. Percentage of classes taken by temporary faculty, program-wise information

We don't have any temporary faculty.

14. Program-wise Student Teacher Ratio –

- UG – 8:1
- PG – 1:1 (per year)

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual –

Post	Sanctioned	Filled	Actual
Staff Nurse	02	02	02
Attendant	02	02	02
Dental Technician	01	01	01
Computer operator	01	01	01

16. Research thrust areas as recognized by major funding agencies –

- Regenerative Endodontics
- Biomaterials – Biodentin, Bioceramics
- Single file systems
- Herbal irrigants
- Microscope in endodontics

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise –

Sr No.	Name of Faculty	Project Title	Funding Agency
1	Dr. Vandana Gade	An in vitro evaluation of depth of tubular penetration of an AH PLUS and Endosequence Bioceramic sealer: A confocal laser scanning microscope investigation	Institutional
2	Dr. Deepika Chandhok	Replacement versus minimal intervention of defective restorations- A prospective longitudinal cohort clinical study	MUHS
3	Dr. Ambar Raut	Antibacterial effectiveness of modified Triple Antibiotic Paste- based scaffold on Fusobacterium nucleatum biofilm	Institutional
4	Dr. Vandana Gade Dr. Priyatama Meshram	Evaluation of irrigation protocol in root canal treatment among dentists of Central India – A survey	Institutional
5	Dr. Vandana Gade	Comparison of pain after single visit and multiple visit root canal treatment	Submitted to MUHS for grant
6	Dr. Ambar Raut	Comparison of Single-file Rotary systems for elimination of bacteria and endotoxins from root canal: WaveOne, OneShape and WaveOne Gold	Submitted to MUHS for grant
7	Dr Rishikesh Meshram	Comparative Evaluation of Repair Efficacy of Cissusquadrangularis(herbal) and Biodentin as perforation repair material	Submitted to MUHS for grant

		using Calcium alginate hydrogel as scaffold: An in-vitro study	
8	Dr Priyatama Meshram	A Comparative Evaluation of micro leakage around Class V cavities restored with alkasiterestorative material and flow able composite resin: An in vitro study	Institutional
9	Dr. Vandana Gade	An in vitro evaluation of depth of tubular penetration of Endosequence Bioceramic sealer and Fill apex MTA sealer: A confocal laser scanning microscope investigation	Institutional

18. Inter-institutional collaborative projects and associated grants received –

a) National collaboration – 3 b) International collaboration

Sr No.	Name of Faculty	Project Title	Institutional Collaboration	Funding Agency
1	Dr. Vandana Gade	An in vitro evaluation of depth of tubular penetration of an AH PLUS and Endosequence Bioceramic sealer: A confocal laser scanning microscope investigation	Dr D.Y. Patil Dental College and Hospital, Pune	Institutional
3	Dr. Ambar Raut	Antibacterial effectiveness of modified Triple Antibiotic Paste- based scaffold on Fusobacterium nucleatum biofilm	Symbiosis School of Biomedical Sciences, Symbiosis International University, Pune.	Institutional
6	Dr. Ambar Raut	Comparison of Single-file Rotary systems for elimination of bacteria and endotoxins from root canal: Wave One, One Shape and Wave One Gold	Symbiosis School of Biomedical Sciences, Symbiosis International University, Pune.	Submitted to MUHS for grant

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received – 1

Faculty	Project Title	Funding Agency
Dr. Deepika Chandhok	Replacement versus minimal intervention of defective restorations- A prospective longitudinal cohort clinical study	MUHS

20. Research facility/ centre with

- State Recognition – Nil
- National Recognition – Proposal sent for Atal Incubation Center under Atal Innovation Mission, NITI Ayog, Central Govt., New Delhi and I4C
- International Recognition – Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies – Nil

22. Publications:

- * **Number of papers published in peer reviewed journals (national / international) – 86 (International - 20, National – 66)**

Sr. No.	Faculty	Number of publications
1.	Dr Sanjay Patil	23
2.	Dr Vandana Gade	36
3.	Dr Priyatama Meshram	10
4.	Dr Deepika Chandhok	8
5.	Dr Ambar Raut	11
6.	Dr Rishikesh Meshram	4
7.	Dr. Hitesh Gyanani	7
8.	Dr Pooja Fabyani	1
9.	Dr Yogita Dhengar	4

- * **Monographs – None**
- * **Chapters in Books – None**
- * **Books edited – None**
- * **Books with ISBN with details of publishers**

Title of book	ISBN	Authors	Publisher
Mineral Trioxide Aggregate	978-3659123320	Dr. Gaurav Tibdewal, Dr. Sanjay Patil, Dr. Vandana Gade	LAP Lambert Academic Publishing
Lasers in Endodontics	978-3848487387	Dr. Nikhil Mankar, Dr. Sanjay Patil, Dr. Vandana Gade	LAP Lambert Academic Publishing
Endodontic Sealers	978-3659127908	Dr. NitinJogad, Dr. Sanjay Patil, Dr. Vandana Gade	LAP Lambert Academic Publishing
Recent advances in Composites	978-3659287527	Dr. Sagar Mohkar, Dr. Sanjay Patil, Dr. Vandana Gade	LAP Lambert Academic Publishing
Endodontic Microsurgery	978-3659749582	Dr. Ankur Banode, Dr. Vandana Gade, Dr. Sanjay Patil	LAP Lambert Academic Publishing
Endodontic Regeneration	978-3659798511	Dr. Deepa Thakur, Dr. Sanjay Patil, Dr. Vandana Gade	LAP Lambert Academic Publishing

- * **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, Medline, etc.) – 58**
- * **Citation Index – range / average – 0-2.76**
- * **SNIP – Range 0.545 to 1.607**
- * **SJR –Range 0.229 to 0.54**
- * **Impact Factor – range 0 to 1.515**
- * **h-index – Range 0 to 3**

23. Details of patents and income generated – MTA delivery system (Patent pending No. 329/MUM/2013)

24. Areas of consultancy and income generated – None

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad –

Internationally –

Dr. Sanjay Patil visited Dr Buchanan's Laboratory, United States of America and Center for Micro-dentistry, California, USA.

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (specify) –

National committees

1. Dr. Sanjay Patil –
 - FODI Member
 - Editorial Board of Archives of Dental Research
2. Dr Vandana Gade –
 - IES Member
 - IACDE member
 - President, Academy of Conservative Dentists and Endodontists of Central India (ACE) for 2016-17
 - PhD Guide at Pacific University, Udaipur
 - Editorial Board of Journal of Conservative Dentistry
 - Reviewer for Journal of Conservative Dentistry& Indian Journal of Dental Research
3. Dr Priyatama Meshram –
 - IES Member,
 - IACDE member,
 - Treasurer, Academy of Conservative Dentists and Endodontists of Central India (ACE) for 2016-17
 - External Expert for UG/PG Curriculum Update Committee of Datta Meghe Institute of Medical Sciences (Deemed University)
 - Editorial Board of Archives of Dental Research
4. Dr Deepika Chandhok – IES Member
5. Dr Ambar Raut –
 - IES Member
 - Reviewer for Journal of Clinical and Diagnostic Research
6. Dr Rishikesh Meshram – IES Member
7. Dr Hitesh Gyanani - IES Member
8. Dr Pooja Phabyani - IES Member

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs)

Total – 48

Dr Sanjay Patil

Sr. no.	Conferences/ CDE/ Workshops attended	Place and Date
1.	CDE on 'Microendodontics'	Sharad Pawar Dental College and Hospital, Sawangi (M), Wardha on 31-07-12
2.	Symposium on 'Infection Control in Dentistry'	Sharad Pawar Dental College and Hospital, Sawangi (M), Wardha on 21-04-12
3.	CDE Program on 'Tour the Esthetica – Journey from Composites to Zirconia'	Sharad Pawar Dental College and Hospital, Sawangi (M), Wardha on 04-08-12
4.	Lecture and demonstration on 'Minimally Invasive Endodontics – The Self adjusting file'	Government Dental College and Hospital, Mumbai on 14-08-13
5.	Workshop on 'Communication and Behavioural Skills'	Sharad Pawar Dental College and Hospital, Sawangi (M), Wardha on 04-08-12 on 9-10 th Jan. 2012
6.	Reorientation Workshop on 'Basic Course in Medical Education Technologies'	Sharad Pawar Dental College and Hospital, Sawangi (M), Wardha on 04-08-12 on 9-10 th Jan. 2012
7.	Basic Workshop on Research Methodology	MUHS Regional Centre, Nagpur on 19-21 st Sept. 2013
8.	Nagpur IDA Conference (NIDACON)	Nagpur on 21-22 nd January 2012
9.	Lecture and Hands-on programme on 'Minimally Invasive Endodontics – The Self adjusting file as a paradigm shift in endodontic instrumentation'	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 20 th Dec. 2014
10.	Symposium on 'Inclusive Innovations – I4C'	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 20 th Dec. 2014
11.	Lecture on 'Stem Cell Transplant and its Applications in Medical Field'	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 29-09-2016

Dr Vandana Gade

Sr. no.	Conferences/ CDE/ Workshops attended	Place and Date
1.	Lecture and Hands-on on Post and Core at 1 st ENDOMEET	Nagpur on 25-26 th February 2012
2.	1 st ENDOMEET	Nagpur on 25-26 th February 2012
3.	28 th IACDE and 21st IES National Conference	Hyderabad on 14-17 th Nov. 2013
4.	2 nd West Zone Convention 'ENDO-SCOPE'	Mumbai on 23-24 th February 2013
5.	CDE on 'Rotary Endodontics'	VSPM's Dental College and Research Centre, Nagpur on 21-03-13
6.	CDE on 'New Horizon on Microendodontics'	Sharad Pawar Dental College and Hospital, Sawangi (M), Wardha on 09-01-14
7.	Workshop on 'Dental Practice Management and Clinical Dentistry'	Dr Pravin Sundarkar on 23-11-14
8.	Nagpur IDA Conference (NIDACON)	Nagpur on 25-26 th January 2014
9.	Lecture and Hands-on programme on 'Minimally Invasive Endodontics – The Self adjusting file as a paradigm shift in endodontic instrumentation'	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 20 th Dec. 2014
10.	Symposium on 'Inclusive Innovations – I4C'	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 20 th Dec. 2014
11.	Lecture on 'Stem Cell Transplant and its Applications in Medical Field'	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 29-09-2016

Dr Priyatama Meshram

Sr. no.	Conferences/ CDE/ Workshops attended	Place and Date
1.	CDE on 'Updates on Biofilm in Endodontics'	VSPM's Dental College and Research Centre, Nagpur on 29-06-2012
2.	Pre-conference Course 'Regenerative Endodontics'	1 st ENDOMEET at Nagpur on 24 th February 2012
3.	1 st ENDOMEET	Nagpur on 25-26 th February 2012

4.	Workshop on 'Basic and Advanced Prosthodontics'	Dr Rohit Shetty at Nagpur on 01-09-13
5.	28 th IACDE and 21st IES National Conference	Hyderabad on 14-17 th Nov. 2013
6.	IDA-MSB Zonal CDE Program	Nagpur on 20 th Oct. 2013
7.	Lecture Program on 'The Art of Endodontics', 'Endodontic Access management' and 'Functional Occlusion'	Nagpur on 26-05-2013
8.	Lecture Program on '21 st century Restorative Dentistry: new Paradigms'	Nagpur on 11-11 th Aug. 2013
9.	2 nd West Zone Convention 'ENDO-SCOPE'	Mumbai on 23-24 th February 2013
10.	CDE on 'New Horizon on Microendodontics'	Sharad Pawar Dental College and Hospital, Sawangi (M), Wardha on 09-01-14
11.	Nagpur IDA Conference (NIDACON)	21-22nd January 2014
12.	Lecture and Hands-on programme on 'Minimally Invasive Endodontics – The Self adjusting file as a paradigm shift in endodontic instrumentation'	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 20 th Dec. 2014
13.	Symposium on 'Inclusive Innovations – I4C'	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 20 th Dec. 2014
14.	30 th IACDE and 23rd IES National Conference	Amritsar Nov. 2015
15.	Lecture on 'Stem Cell Transplant and its Applications in Medical Field'	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 29-09-2016

Dr Deepika Chandhok

Sr. no.	Conferences/ CDE/ Workshops attended	Place and Date
1.	Lecture and Hands-on programme on 'Minimally Invasive Endodontics – The Self adjusting file as a paradigm shift in endodontic instrumentation'	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 20 th Dec. 2014

2.	Symposium on ‘Inclusive Innovations – I4C’	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 20 th Dec. 2014
3.	Lecture on ‘Stem Cell Transplant and its Applications in Medical Field’	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 29-09-2016
4.	Basic Workshop in Medical Education Technology by MUHS Regional Centre, Nagpur	VSPM’s Dental College and Research Centre, Nagpur

Dr Ambar Raut

Sr. no.	Conferences/ CDE/ Workshops attended	Place and Date
1	1 st ENDOMEET	Nagpur at 25-26 th February 2012
2	13 th IACDE and IES Post Graduate Convention	Kasauli in April 2012
3	Lecture and Hands-on programme on ‘Regenerative Strategies in Dentistry’ by Dr. S. Saikalyan and Dr. Hemalatha Hiremath	Indore in September 2012
4	Lecture and Hands-on programme on ‘It’s all about veneers’ by Dr. Prashant Hatkar	Indore in November 2012
5	29 th IACDE and 22 nd IES National Conference	Jaipur in December 2014
6	Lecture and Hands-on programme on ‘Minimally Invasive Endodontics – The Self adjusting file as a paradigm shift in endodontic instrumentation’	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 20 th Dec. 2014
7	Symposium on ‘Inclusive Innovations – I4C’	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 20 th Dec. 2014
8	30 th IACDE and 23 rd IES National Conference	Amritsar Nov. 2015
9	Lecture on ‘Stem Cell Transplant and its Applications in Medical Field’	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 29-09-2016
10	31 st IACDE and 24 th IES National Conference	Kolkata in November 2016

Dr Rishikesh Meshram

Sr. no.	Conferences/ CDE/ Workshops attended	Place and Date
1	29 th IACDE and 22 nd IES National Conference	Jaipur in December 2014
2	CDE Program and Hands-on course on 'Rotary Endodontics'	Sangamner on 03-08-2012
3	5 th State Scientific Convention	Nashik on 1-2 nd Sept. 2012
4	ICDRO World Congress	Goa on 15-16 th Sept. 2012
5	2 nd West Zone Convention 'ENDO-SCOPE'	Mumbai on 23-24 th February 2013
6	29 th IACDE and 22 nd IES National Conference	Jaipur in December 2014
7	Lecture and Hands-on programme on 'Minimally Invasive Endodontics – The Self adjusting file as a paradigm shift in endodontic instrumentation'	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 20 th Dec. 2014
8	Symposium on 'Inclusive Innovations – I4C'	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 20 th Dec. 2014
9	Lecture on 'Stem Cell Transplant and its Applications in Medical Field'	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur on 29-09-2016

28. Student projects

- **Percentage of students who have taken up in-house projects including inter-departmental projects** – PG projects – 100%
- **Percentage of students doing projects in collaboration with other universities / industry / institute** –PG projects – 100%

PG Students' Library Dissertation and Final Dissertation Topics (50%):

Sr. No.	Name	Dissertation Topic
1	Dr Aparajita Gangrade	Comparative Evaluation of effect of various decalcifying agents on the push out bond strength of Biodentin and Endo Sequence Bioceramic Root Repair material

2	Dr Aatif Nathani	Comparative Evaluation of canal transportation and centering ability of 2 novel file systems: : An in vitro CBCT study
3	Dr Rashmi Chahande	Coronal discolouration effect of three endodontic sealers – AH Plus, Apexit Plus, MTA Fillapex: : An in vitro spectrophotometric study
4	Dr Neelam Rahul	Comparative Evaluation of Different Activation Systems on smear layer removal from root canal by Q-Mix 2 in 1 Irrigant: An in vitro scanning electron microscopic study
5	Dr Janhavi Jagzap	Buffering Effect of Hydroxyapatite powder on antibacterial activity of Calcium hydroxide, Triple Antibiotic Paste and Propolis against E. faecalis: An in vitro study
6	Dr Sharique Hussain	Comparison of remaing root dentin thickness in oval canals wth 4 different file systems: TruShape, ProTaper Gold, ProTaper Universal and Mani Silk: An in vitro study
7	Dr Praktan Gire	A comparative evaluation of shear bond strength of 3 different liners – Thercal LC, Giomer and Resin-modified Glass Ionomer Cement under composite resin restoration using Eighth generation adhesive: An in vitro study
8	Dr Surbhi Gajbhiye	Effect of EDTA and Chitosan with and without Diode Laser irradiation on the removal of smear layer from the root canal walls: An in vitro scanning electron microscopic study
9	Dr Madhura Upagade	Influence of Combination of Morinda Citrifolia and Sapindus Mukorossi on Sealer Penetration Depth Compared with EDTA-C when used as a Final Irrigating Solution Supplemented with and without Sonic Agitation – An In Vitro Confocal Laser Microscopic Study

Research Projects – Other than theses (50%):

Sr. No.	Name of PG Student	Title of Project
1	Dr Rashmi Chahande	Coronal Discoloration effect of two endodontic sealers in short interval; an in-vitro spectrophotometric study
2	Dr. Aparajita Gangrade	In vitro evaluation of remineralizing efficacy of different calcium and fluoride based delivery systems on artificially demineralized enamel surface

3	Dr Aatif Nathani	Apical Enlargement According To Different Pecking Times At Working Length Using Four Different Novel File Systems; An In-Vitro Study
4	Dr Sharique Hussain	Remaining Dentin Thickness analysis using four different file system; an in-vitro study
5	Dr Neelam Rahul	Comparative Evaluation of the antibacterial efficacy of Morindacitrofolia juice, Green Tea, Propolis, Sodium hypochlorite and Chlorhexidine on E. faecalis: : An in vitro study
6	Dr Neelam Rahul	Comparative evaluation of sealer penetration of AH Plus sealer following final irrigation with Q-Mix, Chitosan and EDTA-C: A confocal laser scanning microscopic study
7	Dr Janhavi Jagzap	Effectiveness of three different irrigants – 17% EDTA, Q-Mix and Phytic acid in smear layer removal: An in vitro study
8	Dr Surbhi Gajbhiye	Effect of ultrasonic agitation of EDTA and Chitosan on smear layer removal from root canal: An in vitro SEM study
9	Dr Praktan Gire	Push-out bond strength of Bulk-fill, flowable & Conventional resin composite restoration

29. Awards / recognitions received at the national and international level by

• Faculty

Name of faculty	Awards / recognitions
Dr. Vandana Gade	- Annual Award for 'Most Active Couple' by Indian Dental Association - Nagpur Branch for the year 2003-04 - Guest Lecture 'Pearly Smile' organized by 'Colgate Palmolive' in Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur in 2012 'Unveil the Mystery of Irrigation' in NIDACON Conference, Jan. 2014 - Motivational Speech 'Secrets of Happy Life' organized by Mahila Mandal, Sai Nagar, Nagpur. - Guest Lecture on 'Anti-ragging' for First B.D.S. at Government Dental College & Hospital, Nagpur - Guest Lecture on 'What after B.D.S.' for Interns at Government Dental College & Hospital, Nagpur - Chaired 7 sessions for Scientific Presentations at various State/ National Conferences

Dr. Priyatama Meshram	• Guest Lecture on 'Oral Health Care' at Vimaltai Tidke Convent, Nagpur in 2013 • Chaired 5 sessions for Scientific Presentations at various National Conferences
Dr. Deepika Chandhok	• University Topper among all branches of M.D.S. in Maharashtra University of Health Sciences, Nashik in May/June 2009 • Chaired a session for Scientific Presentations at a National Conference • Third Runner-up of 'Mr. and Mrs. Medico 2015' • Interview in the programme 'Arogyam Dhanasmpada' on 'Akashwani Nagpur' Sept. 2016 • Organization the Mega-event 'Mr. and Mrs. Medico 2016' on 25/09/16
Dr. Ambar Raut	• University Topper among all branches of M.D.S. in Devi Ahilya University, Indore in May/June 2013 • Chaired a session for Scientific Presentations at a National Conference • Nominated for BITEIN PG Award 2014 from Madhya Pradesh • First Topper Conservative Dentistry and Endodontics in MUHS PhD Entrance 2016

- **Doctoral / post doctoral fellows** – Nil
- **Students** – 23 Awards for Best Poster/ Paper by PG students

Sr no.	Name of P.G.	Award
1.	Dr. Gourav Tibdewal	1) 1 st prize at All India Table Top presentation, 'SPIRIT' 2013 at Chennai for innovative research project 2) 1 st prize for paper presentation at PG convention 2013 at Dharwad, Karnataka 3) 2 nd prize for poster presentation at ENDOMEET 2012, Nagpur
2.	Dr. Nikhil Mankar	1) 1 st prize at All India Table Top presentation, 'SPIRIT' 2013 at Chennai for innovative research project 2) 1 st prize for paper presentation at PG convention 2013 at Dharwad, Karnataka 3) 2 nd prize for paper presentation at ENDOMEET 2012, Nagpur

3.	Dr. Shweta Sedani	1) 1 st prize at All India Table Top presentation, 'SPIRIT' 2013 at Chennai for innovative research project 2) 2 nd prize for paper presentation at ENDOMEET 2012, Nagpur 3) 1 st prize in poster presentation at NIDACON 2011
4.	Dr. Nitin Jogad	1 st prize at All India Table Top presentation, 'SPIRIT' 2013 at Chennai for innovative research project
5.	Dr. Leena Belsare	1 st prize in poster presentation at 3 rd West Zone PG Convention 2014, Pune
6.	Dr. Roshan Sinkar	1) 3 rd prize for paper presentation, NIDACON 2014, Nagpur 2) 1 st prize for poster presentation in PG Convention in 2014 at Chennai 3) 1 st prize in Paper presentation in SDKS Dental college Nagpur and hospital in 2014 4) 2 nd paper presentation, NIDACON 2015, Nagpur 5) 1 st prize in Poster presentation in SDKS Dental college Nagpur and hospital in 2015 6) 1 st prize in paper presentation at IIDC Nagpur in 2015
7.	Dr. Ankur Banode	1 st prize in poster presentation in West zone PG convention 2014 at Pune
8.	Dr. Aatif Nathani	1 st Prize in poster presentation at VSPM Dental college, Nagpur in Webinar on Lasers in Dentistry
9.	Dr Aparajita Gangrade	1 st Prize in Paper presentation, P.G. Convention Ghaziabad
10	Dr Sharique Hussain	1 st Prize in Paper presentation, World Dental Conference, Bhopal
11	Dr Janhavi Jagzap	1st prize in paper presentation at NIDACON 2017
12	Dr Neelam Rahul	1 st prize in paper presentation at NIDACON 2017

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any –

Sr. No.	Programme Organized	Source of funding	Number of participants
1.	Lecture and Hands-on programme on 'Minimally Invasive Endodontics – The	1. Sponsored by ReDent NOVA company	50

	Self adjusting file as a paradigm shift in endodontic instrumentation' on 20 th Dec. 2014	2. Registration from delegates 3. Institution	
2.	Symposium on 'Inclusive Innovations – I4C' on 20 th Dec. 2014	Institution	200
3.	Lecture and Hands-on on Post and Core by at ENDOMEET 2012 on 24-25 th February 2012	1. Academy of Conservative Dentists and Endodontists of Central India (ACE) 2. Institution	50
4.	Lecture on 'Stem Cell Transplant and its Applications in Medical Field' on 29-09-2016	Institution	100

31. Code of ethics for research followed by the departments -The institute has a functional Institutional Ethical Committee. All the research projects carried out in the department undergo review as per Institutional Ethical Committee.

32. Student profile program-wise:

Selection procedure is done by the AMUPMDC/ NEET/ MH-CET and the data related is available with the competent authority.

33. Diversity of students

UG:

Name of the Program (refer to question no. 4)	Year	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B.D.S.	2012	84%	15%	1%	0
	2013	90%	10%	0	0
	2014	95%	2%	3%	0
	2015	89%	7%	4%	0
	2016	94%	4%	2%	0
M.D.S.	2012	100	0	0	0
	2013	100	0	0	0

Name of the Program (refer to question no. 4)	Year	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
	2014	89.89	11.11	0	0
	2015	100	0	0	0
	2016	100	0	0	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

Sr. no.	Name of Alumni	Current Workplace
1.	Dr. Deepak Wathore 2008 Batch	DDS, USA
2.	Dr. Arjun Dangare 2006 Batch	DDS, USA
3.	Dr. Satyanarayan Pande	Defense Services
4.	Dr. Ambika Narayan	Defense Services
5.	Dr. Srilekha Borkar	Selected in ISB (International School of Business)

35. Student progression

Student Progression	Percentage against enrolled
UG to PG	2014 - 1 student (33.3%) 2015 - 1 student (33.3%) 2016 - 1 student (33.33%)
PG to Ph.D.	0
Ph.D. to Post-Doctoral	0

36. Diversity of staff

Percentage of faculty who are graduates	BDS	MDS
of the same university	58.33%	33.33%
from other universities within the State	41.66%	25%
from universities from other States	-	16.66%
from universities outside the country	-	-

37. Number of faculty who were awarded M.Phil., DM, MCh, Ph.D., D.Sc. and

D.Litt. during the assessment period - Nil

38. Present details of departmental infrastructural facilities with regard to

- a) **Library** – Available
 - Total Titles 51, No. of books 58
 - Journals – 18
 - Theses – 6
 - Library Dissertation - 11
 - CDs - 9
 - Seminars - 74
- b) **Internet facilities for staff and students** – Yes (2 computers with internet facility)
- c) **Total number of class rooms**– 5
Seminar room in department – 01, classrooms- 4
- d) **Class rooms with ICT facility and ‘smart’ class rooms** - 2
- e) **Students’ laboratories**– Yes (02)
Preclinical Conservative Laboratory for UG – 01
Preclinical Conservative Laboratory for PG – 01
- f) **Research laboratories** –3 central laboratories are accessible to staff and students for research purpose (Biochemistry Laboratory, Pathology Laboratory, Microbiology Laboratory)

39. List of doctoral, post-doctoral students and Research Associates

- a) **From the host institution/university** - Nil
- b) **From other institutions/universities** -Nil

40. Number of post graduate students getting financial assistance from the university - Nil

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

Yes. An extensive exercise was conducted in our department and the feasibility report was generated for starting the PG Program and this proposal was submitted to the DCI for approval.

42. Does the department obtain feedback from

- a. **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?** – Yes (Through departmental staff discussions and regular feedback obtained from the staff), to improve teaching efficiency.
- b. **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?** –Yes, Department takes feedback from students on staff, curriculum and teaching learning evaluation. This feedback is assessed and discussed at the departmental staff meetings.
- c. **Alumni and employers on the programs offered and how does the department utilize the feedback?**- Alumni of the institute are invited in the annual institutional functions and feedback obtained from them through discussions. The feedback aids the faculty to develop teaching programs which would enhance deeper knowledge of the subject as well as development of policies to augment competency of the student considering his/her future exposure to the society.

43. List the distinguished alumni of the department (maximum 10)

PG students –

	Name of Alumni	Current Workplace
1.	Dr. Gaurav Tibdewal	Assistant Professor at Sharad Pawar Dental College, Sawangi (Wardha) , Private Practitioner
2.	Dr. Nikhil Mankar	Assistant Professor at Sharad Pawar Dental College, Sawangi (Wardha) , Private Practitioner
3.	Dr. Shweta Sedani	Assistant Professor at Sharad Pawar Dental College, Sawangi (Wardha)
4.	Dr. Leena Belsare	Consultant Endodontist, Private Practitioner
5.	Dr. Nitin Jogad	Consultant Endodontist, Assistant Professor at Dr. Rajesh Ramdasji Kambe Dental College and Hospital, Akola
6.	Dr. Sagar Mohkar	Consultant Endodontist, Assistant Professor at Dr. Rajesh Ramdasji Kambe Dental College and Hospital, Akola
7.	Dr. Deepa Thakur	Consultant Endodontist, Private Practitioner
8.	Dr. Ankur Banode	Consultant Endodontist
9.	Dr. Roshan Sinkar	Consultant Endodontist

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts– 4 programmes

Sr. No.	Programme Organized	Source of funding	Outstanding participants
1.	Lecture and Hands-on programme on 'Minimally Invasive Endodontics – The Self adjusting file as a paradigm shift in endodontic instrumentation' on 20 th Dec. 2014	1. Sponsored by ReDent NOVA company 2. Registration from delegates 3. Institution	International Faculty: Dr Zvi Metzger National Faculty: Dr Mansing Pawar, Dr Ajinkya Pawar Resource Faculty: Dr Sanjay Patil, Dr Vandana Gade Number of student delegates: 50
2.	Symposium on 'Inclusive Innovations – I4C' on 20 th Dec. 2014	Institution	International Faculty: Dr Zvi Metzger National Faculty: Dr Mansing Pawar, Dr Ajinkya Pawar, Dr S. C. Bhoyar, Dr Vinay Hazarey Resource Faculty: Dr Sanjay Patil, Dr Vandana Gade Number of student delegates: 200
3.	Lecture and Hands-on on Post and Core by at ENDOMEET 2012 on 24-25 th February 2012	1. Academy of Conservative Dentists and Endodontists of Central India (ACE) 2. Institution	National Faculty: Dr. Harpreet Singh Resource Faculty: Dr Sanjay Patil, Dr Vandana Gade Number of student delegates: 50
4.	Lecture on 'Stem Cell Transplant and its Applications in Medical Field' on 29-09-2016	Institution	National Faculty: Dr. Avinash Pophali Resource Faculty: Dr Sanjay Patil, Dr Vandana Gade Number of student delegates: 100

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

UGs -

- Didactic lectures
- Audiovisual aids
- Interaction
- Illustrative and demonstrative teaching
- Demonstration of Material Manipulation Techniques and Clinical Techniques through videos
- Problem based learning
- Case based learning
- Mock examination
- Viva preparation

PGs –

- Didactic lectures
- Case based discussions.
- Chair side clinical discussion.
- Seminars.
- Journal Clubs.

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

UG:

- Part completion tests (Internal Assessment examinations)
- Posting end exams at the end of the clinical posting to assess patient management skills.
- Monitoring the pre-clinical and clinical work of students
- Problem-based learning
- Quarterly Quiz
- Feedback Analysis
- Mock examinations
- Seminars presentations by the students.
- Encouragement for taking up research projects

PG:

- Seminar presentation
- Journal club presentation
- Case discussion
- Comprehensive treatment planning and execution under supervision of staff
- Annual Part completion examinations

47. Highlight the participation of students and faculty in extension activities. -

Through organization of dental camps

Year	Venue	Date	Total patients	Endodontic patients
2011	Gondkhairi (3) Doulameti (2) Nandurbar Hingna Taluka Bahuudeshiya Mandal	23 April 15 Sept, 4 Oct 20 Sept, 11 Oct 17 Nov and 18 Nov 25 Dec	1767	Total endodontic patients examined :1128 Total patients referred to college : 166
2012	Gondkhairi (41) Subashchandra Bose High school Priyadarshini Engineering College Keatpar Durgdharma Bhutda School Kondali Surabuldi Defense	Jan 2012 : 24 Jan and 31 Jan Feb 2012 : 2 Feb, 6 Feb, 21 Feb, 23 Feb, 28 Feb March 2012 : 01 March, 06 March, 08 March, 27 March, 29 March April 2012 : 03 April, 10 April, 24 April, 26 April May 2012 : 1 May, 3 May, 5 May, 24 May, 29 May, 31 May June 2012 : 5 June, 9 June, 21 June, 26 June, 28 June July 2012 : 3 July, 5 July, 10 July, 24 July, 26 July, 31 July Aug 2012 :	1914	Total endodontic patients examined : 1342 Total patients referred to college : 637

		2 Aug, 14 Aug, 16 Aug, 28 Aug, 30 Aug Nov 2012 : 29 Nov Dec 2012 : 1 Dec, 20 Dec, 25 Dec, 27 Dec 21 Jan 2012 22 Aug 2012 27 Aug 2012 3 Sept 2012 9 Sept 2012 17 Sept 2012 24 Sept 2012		
	Gondkhairi (65 camps) Rural Hospital Dhadgaon, Nandurbar 08 Feb Mohpa Kalmeshwar 18 Feb Sangamner, Malpanis factory 28 Feb Diagnostic Camp on Mahashivratri (10 March) Laxminagar, Mahajanwadi 01 May Amitasha Enterprises Pvt Limited Nildoh (12 Sept) Rural Hospital, Ramtek 23 Sept Durganagar, Hingna Road 10 Oct Amitasha Enterprises Pvt limited, MIDC, Hingna (17 Oct) NitinRaut's Mega Health Camp Indora (10 Nov)	Jan 2013 : 1 Jan, 3 Jan, 8 Jan, 22 Jan, 29 Jan, 31 Jan Feb 2013 : 5 Feb, 21 Feb, 26 Feb, 28 Feb March 2013 : 5 March, 7 March, 14 March, 19 March, 21 March, 26 March, 28 March April 2013 : 2 April , 4 April , 18 April , 23 April, 30 April May 2013 : 7 May, 9 May, 14 May, 28 May, 30 May June 2013 : 4 June, 7 June, 11 June, 25 June, 28 June July 2013 : 2 July, 4 July, 9 July , 23 July, 25 July, 30 July Aug 2013 : 1 Aug, 6 Aug, 8 Aug, 13 Aug, 27 Aug, 29 Aug, Sept 2013 : 3 Sept, 5 Sept, 19 Sept , 24 Sept, 26 Sept Oct 2013 :	1985	Total endodontic patients examined : 1242 Total patients referred to college : 731

	Awail Convent, Dhaba 01 Dec Devlapar 02 Dec Khadka, Talegaon 07 Dec	1 Sept , 5 Sept , 8 Sept, 22 Sept, 24 Sept, 31 Sept Oct 2013 : 1 Oct, 5 Oct, 8 Oct, 22 Oct, 24 Oct, 31 Oct Nov 2013 : 7 Nov , 12 Nov, 21 Nov, 26 Nov, 28 Nov Dec 2013 : 3 Dec, 10 Dec, 12, 24Dec, 26 Dec,31 Dec		
2014	Gondkhairi SaiMandirWardha Road 08 March Tilak Vidyalaya , Dhantoli 14 March Adasa 03 April Bazargaon 28 April Vishwakarma Nagar 17 May International Airport Nagpur 11 June Avail Convent, Dhaba 23 Nov Sanskar Vidyasagar School Nandanwan 29 Nov Binzani College, Nandanwan 13 Dec Somalwar Nikalas School, Khamla 17 Dec Daryapur 28 Dec	Jan 2014 : 2 Jan, 7 Jan, 9 Jan, 16 Jan, 28 Jan, 30 Jan Feb 2014 : 4 Feb, 6 Feb, 11 Feb, 13 Feb, 18 Feb,20 Feb, 25 Feb , 27 Feb March 2014 : 4 March, 6 March, 20 march, 25 March, 27 March April 2014 : 1 April, 17 April , 22 April, 24 April May 2014 : 6 May,8 May, 20 May, 22 May, 28 May, 29 May June 2014 : 3 June, 5 June, 10 June,12 June, 17 June, 19 June, 24 June, 26 June July 2014 : 1 July, 3 July, 8 July, 10 July, 15 July, 17 July Aug 2014: 5 Aug, 7 Aug, 12 Aug, 21 Aug, 26 Aug, 28 Aug Sept 2014: 2 Sept, 4 Sept, 9 Sept, 11 Sept, 16 sept , 25 Sept , 30 Sept Oct 2014 :	1892	Total endodontic patients examined : 1227 Total patients referred to college : 457

		7 Oct, 9 Oct, 14 Oct, 16 Oct, 21 Oct, 28 Oct, 30 Oct Nov 2014 : 4 Nov, 6 Nov, 11 Nov, 18 Nov, 20 Nov Dec 2014 : 2 Dec, 4 Dec, 9 Dec, 11 Dec, 23 Dec, 30 Dec		

Sr. No.	Name of programme	Name of staff/ student(s) involved in the programme	Date	Objective
1	Anti-Addiction Rally	UG and PG Students, Teaching and Non-teaching Staff	2 nd October 2013	Gandhi Jayanti
2	Anti-Tobacco Rally	UG and PG Students, Teaching and Non-teaching Staff	9 th August 2014	August Kranti Day
3	Swachhata Abhiyan	UG and PG Students, Teaching and Non-teaching Staff	2 nd October 2014	Gandhi Jayanti
4	Yoga Day	UG and PG Students, Teaching and Non-teaching Staff	21st June 2015	International Yoga Day

48. Give details of “beyond syllabus scholarly activities” of the department.

- Graduation Ceremony “Udaan”
- Quiz
- Debate Competition
- British Club activity
- LLM (Local Language Marathi) Club
- Research Projects
- Paper and Poster presentations at Conferences

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.– Yes, B.D.S. and M.D.S. is recognized by DCI and affiliated to MUHS, Nashik.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Publication of Research Papers
- Paper presentations at Conferences

- Library Study Project (18 hour study)
- CDEs and Workshops - Eminent speakers are invited to speak on recent advances in techniques and hands on workshops to apply the new knowledge assimilated for enhancing patient treatment.
- Case Discussions
- Inter-departmental meetings to enhance the integrated learning and application of knowledge

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths	• Experienced and skilled faculty • Finest knowledge and skill-based training imparted to UG and PG students • Variety of clinical materials available and different types of treatment methods are practiced • Modern equipment available like microscopes, ultrasonic, apex locator, rotary systems, RVG • Well stocked and maintained departmental library.
Weaknesses	• No government funded programmes • No attached medical college • To establish collaboration with International Universities
Opportunities	• Skill enhancement of the faculty through various workshops at national and international level for advanced diagnostic and therapeutic training. • Research projects by staff and students which can be bridged with the corporate • Getting International Fellowships • To pursue Ph.D. (For faculty) • Scope within the campus for research activity
Challenges	• Increased Number of Private Dental Hospitals • Getting grants for research projects from Research Funding Agencies • To start Ph.D program • Research publications in journals with high impact factor • Getting clinical faculty oriented into research • Getting UG students oriented into research activities

52. Future plans of the department

Academic –

- Training for use of regenerative endodontics, microscopes, smart materials and newer file systems.
- To include digital learning as a teaching aid

- Use of 3D videos of various intraoral procedures
- New models, flowcharts and posters to be introduced as self-learning materials
- To increase the use of ICT based learning
- To install one microscope per PG student

Research –

- Interdisciplinary research with genetic Lab, VNIT Nagpur, NEERI
- To increase the number of research projects of faculty and students
- To publish more articles in International journals

Service –

- Application of newer diagnostic aids and equipments in clinical practice.
- Increase daily OPD
- Initiate online/ telephonic patient feedback system in the department

Infrastructure –

- Increase number of operating microscopes

Evaluative Report of the Department

1. Name of the Department: Department of Oral Pathology & Microbiology

2. Year of establishment:UG -2006, PG 2012

3. Is the Department part of a college/Faculty of the university?

Yes, Department is part of Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur and is affiliated to MUHS, Nashik

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

UG→B.D.S. (Bachelor of Dental Surgery) and

PG→M.D.S. (Master of Dental Surgery)

5. Interdisciplinary programs and departments involved- (ANNEXURE – A)

Department is involved in Interdisciplinary programs with Oral Diagnosis, Medicine & Radiology, Oral & Maxillofacial Surgery, Periodontics, Prosthodontics, Conservative Dentistry, Pedodontics, Orthodontics, Community Dentistry.

S. No.	Year	Interdisciplinary Program	Departments involved
1.	21/8/2013	Symposium on Pemphigus Vulgaris	Department of Oral Medicine and Radiology and Department of Oral Pathology and Microbiology
2.	26/6/2013	Symposium on Oral Lichen Planus	Department of Oral Medicine and Radiology, Department of Periodontics and Department of Oral Pathology and Microbiology
3.	26/11/2013	Symposium on Oligodontia	Department of Prosthodontics and Department of Oral Pathology and Microbiology
4.	23/2/2014	Symposium on Hemifacial Microsomia	Department of Oral Medicine and Radiology and Department of Oral

			Pathology and Microbiology
5.	27/3/2014	Symposium on Oral Submucous Fibrosis	Department of Oral Medicine and Radiology, Department of Oral Surgery and Department of Oral Pathology and Microbiology
6.	14/3/2015	Homogenous Bilateral Leukoplakia-Case Discussion	Department of Oral Medicine and Radiology and Department of Oral Pathology and Microbiology
7.	20/4/2015	Infected Odontogenic Keratocyst-Case Discussion	Department of Oral Medicine and Radiology, Department of Oral Surgery and Department of Oral Pathology and Microbiology
8.	15/7/2015	Verrucous Carcinoma-Case Discussion	Department of Oral Medicine and Radiology, Department of Oral Surgery and Department of Oral Pathology and Microbiology
9.	14/10/2015	Oral Submucous Fibrosis-Case Discussion	Department of Oral Medicine and Radiology, Department of Oral Surgery and Department of Oral Pathology and Microbiology.
10.	3/2/2016	Development of Tongue, Palate, Tooth & effects of Diet, Hormonal Disturbance On Development	Department of Oral Medicine and Radiology and Department of Oral Pathology and Microbiology.
11.	11/5/2016	Discussion on Carbohydrate Metabolism	Department of Oral Medicine and Radiology and Department of Oral Pathology and Microbiology.
12.	27/6/2016	Discussion on Case history taking-	Department of Oral Medicine and Radiology

		(Clinical examination)	and Department of Oral Pathology and Microbiology.
13.	20/7/2016	Discussion on Case History Taking (Diagnostic aids)	Department of Oral Medicine and Radiology and Department of Oral Pathology and Microbiology.

6. Courses in collaboration with other universities, industries, foreign institutions, etc. :

Nil

7. Details of programs discontinued, if any, with reasons:Nil

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:

UG:-I BDS, & III BDS– Annual; PG:-MDS 3 years program (Exams after 3 years)

9. Participation of the department in the courses offered by other departments:NO

10. Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/Asst. Professors/others)

	DCI Requirement	Sanctioned	Filled and Actual (including CAS & MPS)
Professor	1	1	1
Associate Professor/Reader	2	2	2
Assistant Professor/ Senior Lecturer	1	1	1
Tutor / Clinical Instructor	-	1	1
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Manjiri Thakur	M.D.S.	Professor & Head	Oral Pathology & Microbiology	19yrs 4 months

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Devendra Palve	M.D.S.	Reader	Oral Pathology & Microbiology	13yrs
Dr. Deepali Mohite	M.D.S.	Reader	Oral Pathology & Microbiology	7 yrs 11 months
Dr. Priyanka Kadoo	M.D.S.	Sr. Lecturer	Oral Pathology & Microbiology	4 yrs 8 months
Dr. Anand Rajderkar	M.D.S.	Tutor	Oral Pathology & Microbiology	2yrs 6 months

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Visits of senior faculties from various disciplines are regularly arranged by the institute as well as department through interaction programmes with students, conducting exams, inspections, synopsis presentation before ethical committee, guest lectures, orientation programmes etc.

13. Percentage of classes taken by temporary faculty – program-wise information:None

14. Program-wise Student Teacher Ratio:UG- 17:1, PG- 1:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

Post	Sanctioned	Filled and Actual
Technician	1	1
Attendant	2	2

16. Research thrust areas as recognized by major funding agencies:--

Potentially malignant disorders & oral cancer biomarkers, Stem cells, Tooth regeneration,
Immunohistochemistry, Gene therapies, Special Stains

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

4 faculties are involved with ongoing projects details of which are as follows.

SR. NO.	NAME OF THE FACULTY	PROJECTS TITLE	FUNDING AGENCIES
1.	Dr. Devendra Palve	Areca nut and tobacco product- the hidden gateway for oral malignancy in school going children	Maharashtra University of Health Sciences, Nashik
2.	Dr. Deepali Mohite	Evaluate the change in position of mandibular & mental foramen with age & their efficacy in determining gender.	Institutional Funding
3.	Dr. Priyanka Kadoo	Comparison and evaluation of mitotic figures in oral squamous cell carcinoma using crystal violet stain and Feulgen reaction	Institutional Funding
4.	Dr. Priyanka Kadoo Dr. Devendra Palve	Awareness about oral cancer and pre-cancer in general public of Nagpur, Maharashtra	Institutional Funding
5.	Dr. Anand Rajderkar	Attitude of General Dental Practitioners towards Oral Biopsy	Institutional Funding

18. Inter-institutional collaborative projects and associated grants received

a) **National collaboration** b) **International collaboration:** None

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: Projects funded by MUHS

20. Research facility / centre with

- **State Recognition-** Nil
- **National Recognition -**Nil
- **International Recognition-** Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies: None

22. Publications:

Number of papers published in peer reviewed journals (national / international):41

Sr. No.	Name of the staff	Total Number	National	International
1	Dr. Manjiri Thakur	16	15	1
2	Dr. Devendra Palve	19	17	2
3	Dr. Deepali Mohite	10	7	3
4	Dr. Priyanka Kadoo	5	-	5
5	Dr. Anand Rajderkar	4	3	1

Monographs: None

Chapters in Books: None

Books edited: None

Books with ISBN with details of publishers: None

Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)- 36

Citation Index – range / average 0-37

SNIP–0.341

SJR–0.88

Impact Factor –Range 0.22-3.685 (approx- 1.925)

h-index- 1

23. Details of patents and income generated: None

24. Areas of consultancy and income generated: Histopathological reporting of tissues of referral biopsies by private dental practitioners is done. However it is done free of cost.

25. Faculty selected nationally / internationally to visit other laboratories / institutions /industries in India and abroad: Nil

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards
d) any other (specify)

Nil

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs)

Sr. No.	Name Of Staff	CDE/Workshop Attended	Place	Date
1	Dr. Manjiri Thakur	NIDACON conference	Nagpur	5,6 th February 2016
2	Dr. Manjiri Thakur	International Symposium on Oral Submucous Fibrosis,	Nagpur	6, 7 th February 2016

		SPDC, Sawangi, Wardha		
3	Dr. Manjiri Thakur	NIDACON conference	Nagpur	10, 11 th January 2015
4	Dr. Manjiri Thakur	NIDACON conference	Nagpur	25, 26 th January 2014
5	Dr. Manjiri Thakur	IAFO conference	Vijaywada	21,22 nd September 2013
6	Dr. Manjiri Thakur	NIDACON conference	Nagpur	21, 22 nd January 2012
7	Dr. Manjiri Thakur	NIDACON conference	Nagpur	9, 10 th January 2011
8	Dr. Manjiri Thakur	SYMPOSIUM	Switzerland	22 nd July 2011
9	Dr. Manjiri Thakur	ADSC conference	Nagpur	25 th October 2010
10	Dr. Manjiri Thakur	IDC conference	Nagpur	12 To 15 th February 2009
11	Dr. Manjiri Thakur	IAOMFP conference	Wardha	20, 21 st June 2008
12	Dr. Manjiri Thakur	IDA conference	Nagpur	16, 17 th June
13	Dr. Manjiri Thakur	XV National Conference of IAOMFP	Chennai	22 To 24 th December 2006
14	Dr. Manjiri Thakur	IDC	Ludhiana	27 To 30 th January 2006
15	Dr. Manjiri Thakur	IDA conference	Nagpur	4 th September 2005
16	Dr. Manjiri Thakur	IAOP conference	Nagpur	27,28,29 th November 1998
17	Dr. Manjiri Thakur	IDC conference	Nagpur	21 To 25 th January 1994
18	Dr. Manjiri Thakur	IAOP conference	Nagpur	1, 2 nd March 1992
19	Dr. Manjiri Thakur	Basic Forensic Medicine & Odontology	SDKSDCH, Nagpur	10 th February 2016
20	Dr. Manjiri Thakur	Quarterly Slide Seminar	VSPM, Nagpur	22 March 2016

21	Dr. Manjiri Thakur	Oral Precancer-Cancer –An Update	GDCH, Nagpur	13 July 2015
22	Dr. Manjiri Thakur	Quarterly Slide Seminar	GDCH, Nagpur	21 August 2015
23	Dr. Manjiri Thakur	Quarterly Slide Seminar	VSPM, Nagpur	26 March 2015
24	Dr. Manjiri Thakur	Scientific Session	IDA Nagpur	25 January 2014
25	Dr. Manjiri Thakur	Quarterly Slide Seminar	VSPM, Nagpur	21 March 2014
26	Dr. Manjiri Thakur	Contemporary Clinical Oral Microbiology & Lab Diagnosis	SDKSDCH Nagpur	10 November 2014
27	Dr. Manjiri Thakur	Quarterly Slide Seminar	GDCH, Nagpur	6 September 2014
28	Dr. Manjiri Thakur	Quarterly Slide Seminar	GDCH, Nagpur	27 September 2013
29	Dr. Manjiri Thakur	Quarterly Slide Seminar	VSPM, Nagpur	22 March 2013
30	Dr. Manjiri Thakur	CDE, Webinar	VSPM, Nagpur	22 October 2013
31	Dr. Manjiri Thakur	Update On Oral Cancer	RSTRCH Nagpur	3 November 2012
32	Dr. Manjiri Thakur	Surgical Pathology	SPDC, Wardha	14 August 2012
33	Dr. Manjiri Thakur	Quarterly Slide Seminar	Vspm, Nagpur	2 March 2012
34	Dr. Manjiri Thakur	Quarterly Slide Seminar	GDCH, Nagpur	17 September 2011
35	Dr. Manjiri Thakur	Quarterly Slide Seminar	VSPM, Nagpur	1 March 2011
36	Dr. Manjiri Thakur	Quarterly Slide Seminar	VSPM, Nagpur	3 March 2010
37	Dr. Manjiri Thakur	Scientific Session	IDC, Nagpur	13 February 2009
38	Dr. Manjiri Thakur	Quarterly Slide Seminar	VSPM, Nagpur	28 February 2008
39	Dr. Manjiri Thakur	CDE- Quarterly slide Seminar	VSPM, Nagpur	21 November 2008

40	Dr. Manjiri Thakur	CDE- Quarterly slide Seminar	VSPM, Nagpur	8 August 2008
41	Dr. Manjiri Thakur	Oral Malignancy : An Insight	SPDC, Wardha	17 June 2006
42	Dr. Manjiri Thakur	Aesthetic Dentistry	IICER, Nagpur	26 November 1995
43	Dr. Manjiri Thakur	Scientific Session	IDA Nagpur	5 February 2016
44	Dr. Manjiri Thakur	Workshop For Health Science Education and technology	AUNDH, Pune	11 To 13 September 2007
45	Dr. Manjiri Thakur	Basic Workshop In Research Methodology	SDKSDC , Nagpur	3 To 5 December 2014

Sr. no	Name of staff	CDE/Workshop attended	Place	Date
1	Dr. Devendra Palve	First National PG Convention of IAOMP, CODS, Davangere	Davangere	14-15 th July 2001
2	Dr. Devendra Palve	X National Conference of IAOMP, Pondicherry	Pondicherry	21-23 rd December 2001
3	Dr. Devendra Palve	XI National Conference of IAOMP, Manipal	Manipal	20-22 nd December 2002
4	Dr. Devendra Palve	XIV National Conference of IAOMP, Agra	Agra	11-13 th November 2005
5	Dr. Devendra Palve	1st Postgraduate Teachers' Training Workshop, Indore	Indore	17 th December -05
6	Dr. Devendra Palve	VI National PG Convention of IAOMP, Belgaum	Belgaum	11-12 th August 2006
7	Dr. Devendra Palve	XV National Conference of IAOMP, Chennai	Chennai	22-24 th December 2006
8	Dr. Devendra Palve	A Symposium on Mucocutaneous Lesions- Diagnostic Insights, BVPU Dental College, Pune	Pune	28-29 th September 2007

9	Dr. Devendra Palve	XVI National Conference of IAOMP, Khajuraho	Khajuraho	17-19 th December 2007
10	Dr. Devendra Palve	VIII National PG Convention of IAOMP, Wardha	Wardha	20-21 th June 2008
11	Dr. Devendra Palve	XVII National Conference of IAOMP, Kolkata	Kolkata	27-29 th December 2008
12	Dr. Devendra Palve	CDE - Quarterly slide Seminar	Wardha	21 st November 2009
13	Dr. Devendra Palve	XVIII National conference of IAOMP New Delhi	New Delhi	27-29 th November 2009
14	Dr. Devendra Palve	International Symposium on Frontiers in Carcinogenesis & Cancer Prevention: Scientific Endeavors and Public Health Initiatives, Navi Mumbai	Navi Mumbai	5-7 th February 2010
15	Dr. Devendra Palve	CDE - Quarterly slide Seminar VSPM , Nagpur	Nagpur	3rd May 2010
16	Dr. Devendra Palve	CDE - Quarterly slide Seminar GDC , Nagpur	Nagpur	1 th - September 10
17	Dr. Devendra Palve	Hands on training on PCR Methodology, GDC, Nagpur	Nagpur	29-30 th January 2011
18	Dr. Devendra Palve	CDE - Quarterly slide Seminar VSPM , Nagpur	Nagpur	1st March 2011
19	Dr. Devendra Palve	National OOO symposium - 2011, Raipur	Raipur	23-24 th Jul 2011
20	Dr. Devendra Palve	CDE - Quarterly slide Seminar SPDC, Sawangi , Wardha	Wardha	27 th December 2011
21	Dr. Devendra Palve	CDE- Surgical Pathology, SPDC, Sawangi, Wardha	Wardha	14th August 2012

22	Dr. Devendra Palve	XIII National PG Convention of IAOMP, Tirupati	Tirupati	10-11 th July 2013.
23	Dr. Devendra Palve	CDE- Oral Cancer and Precancer SDKSDCH, Hingna, Nagpur	Nagpur	5 th - September 13
24	Dr. Devendra Palve	11 th National Conference of IAFO, Vijaywada	Vijaywada	21-22 nd September 2013
25	Dr. Devendra Palve	CDE - Quarterly slide Seminar , GDC, Nagpur	Nagpur	27 th –September 2013
26	Dr. Devendra Palve	NIDACON, Nagpur	Nagpur	12-13 th January 2013
27	Dr. Devendra Palve	CDE- Contemporary Clinical Oral Microbiology And Laboratory Diagnosis, SDKSDCH, Hingna, Nagpur	Nagpur	10 th November 2014
28	Dr. Devendra Palve	NIDACON, Nagpur	Nagpur	25-26 th January 2014
29	Dr. Devendra Palve	MET Basic workshop in Research Methodology	Nagpur	3-5 th December 2014
30	Dr. Devendra Palve	NIDACON, Nagpur	Nagpur	10-11 th January 2015
31	Dr. Devendra Palve	International Symposium on Oral Submucous Fibrosis, SPDC, Sawangi, Wardha	Wardha-Nagpur	6-7 th February 2016
32	Dr. Devendra Palve	CDE SDKSDCH Occlusion in natural dentition - perio perspective by Dr. MoezKhakiani	Nagpur	26 th February 2016
33	Dr. Devendra Palve	NIDACON, Nagpur	Nagpur	5-6 th February 2016
34	Dr. Devendra Palve	DCI Inspector's Training Program	Bhopal	4-5 th April 2016

Sr No	Name of Teacher	CDE/Workshop attended	Place	Date
1	Dr. Deepali Mohite	VIII National PG Convention of IAOMP	Sharad Pawar Dental College and Hospital, Sawangi (M), Wardha, Maharashtra	20 th & 21 st June 2008
2	Dr. Deepali Mohite	VIII National PG Convention of IAOMP held on at	Sharad Pawar Dental College and Hospital, Sawangi (M), Wardha, Maharashtra	11 th & 12 th June 2008
3	Dr. Deepali Mohite	XII National PG Convention of IAOMP.	Pune, Maharashtra.	13 & 14 th June 2012
4	Dr. Deepali Mohite	“Oral Premalignancy: An Insight”	SPDC, DMIMS, Sawangi (M), Wardha	17 June 2006.
5	Dr. Deepali Mohite	Dr. Anita Borges on ‘Surgical Pathology’	JNMC, DMIMS, Sawangi (M), and Wardha.	26 th February 2007
6	Dr. Deepali Mohite	CDE “Surgical Pathology”	SPDC, DMIMS, Sawangi (M), Wardha	24 th August 2012
7	Dr. Deepali Mohite	CDE on ‘Slide Seminar’	VSPM Dental College & Research Centre, Nagpur	2 nd March 2012.
8	Dr. Deepali Mohite	“Integrated Management of Diabetes Mellitus”	SRMM College of Nursing, Wardha.	24 th February, 2012
9	Dr. Deepali Mohite	CDE “Quarterly Slide Seminar”	SPDC, DMIMS, Sawangi (M), Wardha	27 th December 2011.
10	Dr. Deepali Mohite	CDE “Pathophysiology & Psychology of Tobacco Addiction”	SPDC, DMIMS, Sawangi (M), Wardha.	25 th August 2011
11	Dr. Deepali Mohite	CME on “Medical Negligence & CPA”	JNMC Wardha.	4 th October, 2011.

12	Dr. Deepali Mohite	1 st National Workshop of Indian Association of Forensic Odontology	VSPM Dental College & Research Centre, Nagpur	30 & 31 th July, 2011
13	Dr. Deepali Mohite	CDE “Quarterly Slide Seminar”	GDC&H, Nagpur	17 th September 2011.
14	Dr. Deepali Mohite	CDE on ‘Quarterly Slide Seminar’	VSPM Dental College & Research Centre, Nagpur	1 st March 2011.
15	Dr. Deepali Mohite	CDE “Quarterly Slide Seminar”	SPDC, DMIMS, Sawangi (M), Wardha	20 th November 2010.
16	Dr. Deepali Mohite	CDE “Hands-on Workshop” on “Forensic Odontology – Bite Mark Analysis”	SPDC, DMIMS, Sawangi (M), Wardha	16 th & 17 th September 2010.
17	Dr. Deepali Mohite	CDE “Quarterly Slide Seminar”	SPDC, DMIMS, Sawangi (M), Wardha	21 st November 2009.
18	Dr. Deepali Mohite	CDE on ‘Cytology - An Adjuvant To Diagnosis’	SPDC, DMIMS, Sawangi (M), Wardha	22 th August 2009
19	Dr. Deepali Mohite	CDE on ‘Slide Seminar’	VSPM Dental College & Research Centre, Nagpur	30 th March 2009.
20	Dr. Deepali Mohite	CDE on “Lymphoproliferative Disorders”	JNMC, DMIMS, Sawangi (M), Wardha	13 th February 2009
21	Dr. Deepali Mohite	CDE on “Recent Advances in Forensic Investigations”	JNMC, DMIMS, Sawangi (M), Wardha	21 st January 2009.
22	Dr. Deepali Mohite	CDE on “Saliva As A Diagnostic tool & Psycho-oncology”	SPDC, DMIMS, Sawangi (M), Wardha	16 th January 2009

23	Dr. Deepali Mohite	CDE on 'Slide Seminar'	SPDC, DMIMS, Sawangi (M), Wardha	20 th December 2008.
24	Dr. Deepali Mohite	CDE on 'Slide Seminar'	VSPM Dental College & Research Centre, Nagpur.	21 st November 2018
25	Dr. Deepali Mohite	Hands on Workshop on PCR	SPDC, DMIMS, Sawangi (M), Wardha.	17 th to 18 th September 2008
26	Dr. Deepali Mohite	CDE on 'Advanced Diagnostic techniques & their applications'	SPDC, Wardha	17 th March 2008.
27	Dr. Deepali Mohite	CDE on 'Slide Seminar'	VSPM Dental College & Research Centre, Nagpur	28 th February 2008.
28	Dr. Deepali Mohite	CDE on 'Slide Seminar' on	SPDC, DMIMS, Sawangi (M), Wardha	20 th November 2007.

Sr. No.	Name of staff	Conferences attended	Place	Date
1	Dr. Priyanka Kadoo	Observer-ship in the department of Pathology at Tata Memorial Hospital, Mumbai	Tata Memorial Hospital, Mumbai	1 month from 5 th April 2010 to 3 rd May 2010
2	Dr. Priyanka Kadoo	MET Basic workshop in Research Methodology	GMC, Nagpur	19 th , 20 th , 21 st September 2016
3	Dr. Priyanka Kadoo	XVIII National conference of Indian association of Oral & Maxillofacial Pathologists in New Delhi	New Delhi	27 th -29 th November 2009
4	Dr. Priyanka Kadoo	Indian Association of Forensic Odontology 8th National Conference, Sardar Patel Post Graduate	Lucknow	30 th and 31 st October 2010

		Institute of Dental & Medical Sciences, Lucknow		
5	Dr. Priyanka Kadoo	XIX National & 1st International Conference IAOMP, Ragas Dental College and Hospital, Chennai	Chennai	10 th -12 th December 2010
6	Dr. Priyanka Kadoo	20th National Conference of IAOMP, Hyderabad AP	Hyderabad AP	18 th to 20 th November 2011
7	Dr. Priyanka Kadoo	IX National PG convention of IAOMP Vijaywada AP	Vijaywada AP	26 th -27 th July 2009
8	Dr. Priyanka Kadoo	XI National Post graduate convention 2011 IAOMP- thinking beyond surgical margins , Manipal College of Dental Sciences, Manipal university	Manipal	9 th -10 th July 2011
9	Dr. Priyanka Kadoo	XIII National Post graduate Convention of IAOMP, Thirupati	Thirupati	10 th - 11 th July 2013
10	Dr. Priyanka Kadoo	CDE - Quarterly slide Seminar SPDC, Sawangi , Wardha	Wardha	21 st -Nov
11	Dr. Priyanka Kadoo	Clinical research workshop - introduction to clinical research at Curie Manavta Cancer Centre, Nashik	Nashik	9-10 th January
12	Dr. Priyanka Kadoo	Basic Haematology Course at TATA Memorial Hospital, Mumbai	Mumbai	12-13 th June , 2010

13	Dr. Priyanka Kadoo	National OOO symposium - Soft tissue tumors at VokkaligaraSangha Dental College & Hospital , Bengaluru	Bengaluru	9-10 th July 2010
14	Dr. Priyanka Kadoo	National Symposium 2- Diagnostic concept in Oral & Maxillofacial Lesions 2010 KMSDCH, Vadodara	Vadodara	30 th September- 1 st October 2010
15	Dr. Priyanka Kadoo	CDE - Quarterly slide Seminar VSPM , Nagpur	Nagpur	3 rd November 2010
16	Dr. Priyanka Kadoo	CDE - Quarterly slide Seminar GDC , Nagpur	Nagpur	1 st September 2010
17	Dr. Priyanka Kadoo	Spectrum 2011 Algorithms in Histopathology , MARDC, Pune	Pune	24 th January 2011
18	Dr. Priyanka Kadoo	Hands on training on PCR Methodology, GDC, Nagpur	Nagpur	29 th and 30 th January 2011
19	Dr. Priyanka Kadoo	CDE - Quarterly slide Seminar VSPM , Nagpur	Nagpur	1 st March 2011
20	Dr. Priyanka Kadoo	CDE- Oral Cyto-diagnostics& rediscovering epithelium and mesenchyme transition, BhartiVidyapeeth Deemed University Dental College and Hospital, Pune	Pune	18 th March 2011
21	Dr. Priyanka Kadoo	National OOO symposium - 2011, Raipur	Raipur	23 rd and 24 th July
22	Dr. Priyanka Kadoo	CDE - Odontogenic tumors ,	Sangli	29 th August 2011

		VasantdadaPatil Dental College and Hospital, Kavalapur, Sangli		
23	Dr. Priyanka Kadoo	CDE - Quarterly slide Seminar SPDC, Sawangi , Wardha	Wardha	27 th December 2011
24	Dr. Priyanka Kadoo	CDE- Mesenchymal tumors -diagnostic insights, BhartiVidyapeeth Deemed University Dental College and Hospital, Pune	Pune	3 rd February 2012
25	Dr. Priyanka Kadoo	CDE- Surgical Pathology, SPDC, Sawangi, Wardha	Wardha	14 th August 2012
26	Dr. Priyanka Kadoo	CDE- Oral Cancer and Precancer SDKSDCH, Hingna, Nagpur	Nagpur	5 th September 2013
27	Dr. Priyanka Kadoo	CDE - Quarterly slide Seminar , GDC, Nagpur	Nagpur	27 th September 2013
28	Dr. Priyanka Kadoo	CDE- Contemporary Clinical Oral Microbiology And Laboratory Diagnosis, SDKSDCH, Hingna, Nagpur	Nagpur	10 th November 2014
29	Dr. Priyanka Kadoo	International Symposium on Oral Submucous Fibrosis, SPDC, Sawangi, Wardha	Wardha	6 th and 7 th February 2016
30	Dr. Priyanka Kadoo	CDE SDKSDCH Occlusion in natural dentition -perio perspective by Dr. MoezKhakiani	Nagpur	26 th February

Sr. No.	Name of staff	Conferences attended	Place	Date
1	Dr. Anand Rajderkar	Triple 'o' conference	Raipur	July-2011
2	Dr. Anand Rajderkar	First national workshop on forensic odontology	Lucknow	July-2010
3	Dr. Anand Rajderkar	Polymerase chain reaction workshop	NKPSIMS, Nagpur	Oct-2011
4	Dr. Anand Rajderkar	Xth National conference of IAOMP	Hyderabad	2012
5	Dr. Anand Rajderkar	Nidacon conference	Nagpur	2012
6	Dr. Anand Rajderkar	XIIth National PG Convention	Pune.	July-2012
7	Dr. Anand Rajderkar	First Madhya Pradesh Oral Pathology Slide Symposium	Bhopal-	August 2012
8	Dr. Anand Rajderkar	Workshop on Masterclass in Oral Pathology Bangalore- August 2012	Bangalore-	August 2012
9	Dr. Anand Rajderkar	XIth National IAOMP Conference	Goa	2013
10	Dr. Anand Rajderkar	Nidacon conference	Nagpur	2013
11	Dr. Anand Rajderkar	11 th National Triple "O" Symposium	Greater Noida(Delhi)-	September-2013
12	Dr. Anand Rajderkar	Basic Workshop in Research Methodology (by MUHS -Nashik)	Nagpur	2014
13	Dr. Anand Rajderkar	A Webinar on Biopsy Reporting	Nagpur	2014
14	Dr. Anand Rajderkar	Nidacon conference	Nagpur	2014

15	Dr. Anand Rajderkar	International Symposium on Oral Submucous Fibrosis-	Nagpur	2016

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects → 100%

Sr. No.	Name of project	Name of Post-graduate Student
1	Estimation of CD 68 in Oral Squamous cell carcinoma patients , an immunohistochemical study	Dr. Vinita Tekchandani
2	Estimation of p63 in Oral Squamous cell carcinoma patients , an immunohistochemical study	Dr. Ruchika Gupta
3	Estimation of CD 34 in Oral Squamous cell carcinoma patients , an immunohistochemical study	Dr. Dinesh Mohale
4	Comparative analysis of sex determination using mandibular canine, mental foramen and mandibular ramus using orthopantomographs	Dr. Tejashree Bhagwatkar
5	Comparative analysis of accuracy of age estimation methods by orthopantomographs in Nagpur Division- A forensic study	Dr. Yogita Dhengar
6	Evaluation of effects of green tea extract ,honey and antifungal drugs on candida albicans in oral candidiasis individuals	Dr. Apoorva Bhondey
7	Correlation of Salivary Flow rate, Salivary glucose levels, Dental caries & Candidal carriage in saliva of Diabetics & Non Diabetics –A case -control study	Dr. Swati Chaturvedi
8	Correlation of clinical and histologic grade with soft palate morphology in OSMF patients: a histologic and digital cephalometric study	Dr. Vinita Tekchandani
9	Individual and gender identification using PA view and OPG radiograph- a forensic study	Dr. Ruchika Gupta
10	Early detection of Oral pre-cancer and cancerous lesion using in-vivo methylene blue staining	Dr. Ruchika Gupta and Dr. Dinesh Mohale
11	Evaluate, compare and correlate the clinical mouth opening and histopathological distance between basement membrane and muscle fibers in OSMF patients	Dr. Ruchika Gupta

12	Individual identification and age estimation using human teeth exposed to acid environment	Dr. Vinita Tekchandani
13	Mandibular ramus- an indicator for sex determination	Dr. Tejashree Bhagwatkar
14	Dish washing solution a substitute for xylene: An experimental study	Dr. Tejashree Bhagwatkar
15	Accuracy of age estimation method in diverse ethnicity	Dr. Yogita Dhengar
16	Natural products a substitute for formalin: An experimental study	Dr. Yogita Dhengar
17	Candida showing kaleidoscopic appearance on chrome agar	Dr. Apoorva Bhondey
18	Estimation of age based on teeth cementum annulations using three different microscopic methods	Dr. Apoorva Bhondey

- **Percentage of students doing projects in collaboration with other universities / industry / institute.** None

29. Awards / recognitions received at the national and international level by

- **Faculty:** Dr. Priyanka Kadoo received 2nd prize for paper presentation in Indian association of Forensic Odontology 8th National Conference held at S.P.P.G.I.D.M.S., Lucknow
Title of paper presentation: Reliability of Forensic Odontology in gender determination.
- **Doctoral / post-doctoral fellows:** None
- **Students**

Sr. No	Name Of the Student	Award	Name of the conference	Place of Conference	Date of the Conference
1	Dr. Ruchika Gupta	1 st prize in Paper presentation	NIDACON	Nagpur	Jan, 2013
2	Dr. Tejashree Bhagwatkar, Dr. Apoorva Bhondey, Dr. Yogita Dhengar	Best Poster Presentation	XI National Conference of IAFO	Vijayawada	Sep, 2013
3	Dr. Ruchika Gupta	1 st prize in Paper presentation at NIDACON 2014	NIDACON	Nagpur	Jan., 2014

4	Dr. Vinita Tekchandani	2 nd Prize In Paper Presentation	XII National Conference of IAFO	Dehradun	Sep., 2014
5	Dr. Swati Chaturvedi	3 rd Prize in e-Poster	XXIV National Conference of IAOMP	Jaipur	Nov 2015
6	Dr. Swati Chaturvedi	1 st Prize in Paper presentation	NIDACON	Nagpur	Feb 2017

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.—

Sr. No.	Workshops/ CDE programmes organized	Year	External experts	Funding
1	Oral Precancer: Problems and Solutions	2013	Dr. Vinay Hazarey	Institutional funding
2	Contemporary Clinical Oral Microbiology and Laboratory Diagnosis	2014	Dr. Kalpana Date Dr. Yagnesh Thakkar Dr. Umesh Hasani	Institutional funding
3	Basic Forensic Medicine and Problem Based Learning in Forensic Odontology	2016	Dr. Prakash Mohite Dr. Ashish Bodhade	Institutional funding

31. Code of ethics for research followed by the departments: As directed by Institutional Ethical Committee --The institute has a functional Institutional Ethical Committee. The core value of ethics is engrained in the student's minds during their training by means of regular classes as well as guest lectures and CDEProgrammes.

32. Student profile program-wise:

Selection procedure is done by the AMUPMDC/ NEET/ MH-CET and the data related is available with the competent authority.

33. Diversity of students

Name of the Program (refer to question no. 4)	Year	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BDS	2012	84%	15%	1%	0
	2013	90%	10%	0	0
	2014	95%	20%	3%	0
	2015	89%	7%	4%	0
	2016	94%	4%	2%	0

Name of the Program (refer to question no. 4)	Year	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MDS	2012	71.42 %	23.8 %	4.76 %	0
	2013	79.16 %	8.33 %	12.5 %	0
	2014	66.66 %	16.66 %	4.16 %	0
	2015	66.66 %	4.16 %	12.5 %	0
	2016	70.83 %	12.5 %	0	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. -5

Dr. Deepak Wathore – DDS, USA

Dr. Arjun Dangre - DDS, USA

Dr. Satyanarayan Pande – Defense services

Dr. Ambika Narayan - Defense services

Dr. Shrilekha Borkar –Selected in ISB (International school of business)

35. Student progression

Student progression	Percentage against enrolled
UG to PG--	2
PG to M.Phil,DM / M Ch / DNB	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed - Campus selection - Other than campus recruitment	Nil
Entrepreneurs	-

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	33.33%
from other universities within the State	66.66%
from universities from other States	0
from universities outside the country	0

37. Number of faculty who were awarded M.Phil.,DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period: None

38. Present details of departmental infrastructural facilities with regard to

a. Library –

Text Books- 46
Final Dissertations- 15
Library Dissertations-6
Seminars- 92
Journals- 11
CDs- 122

b. Internet facilities for staff and students: Yes

c. Total number of class rooms:4

d. Class rooms with ICT facility and ‘smart’ class rooms:2

e. Students’ laboratories: 1

f. Research laboratories:1 Central Lab, Departmental - Oral Pathology, Biochemistry, Microbiology and Pathology.

39. List of doctoral, post-doctoral students and Research Associates

a) From the host institution/university: None

b)From other institutions/universities: None

40. Number of post graduate students getting financial assistance from the university. None

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

In order to start PG program in 2012, we improved the infrastructure of the department which includes new equipment's. Also books and journals required for PG program were made available.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes department obtain feedback from faculty on curriculum as well as teaching learning evaluation through departmental staff discussions and necessary improvement is done

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Topics are allotted to faculty by HOD as per academic calendar. After completion of topic by a particular faculty feedback is taken. 10% students are selected from each batch – who has regularly attended the classes. To assess teaching faculty & methodology, analysis of feedback is done. Average on each point on the questionnaire is calculated and noted. If the average is less than 2.5 on Leikart scale, methods (AV aids, Demonstrations) are

implemented to improve student understanding. This is informed to the staff by the HOD during departmental meetings.

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

Alumni are invited for institutional programmes regularly and feedback is obtained through discussions.

43. List the distinguished alumni of the department (maximum 10)

Alumni from the Department	
Dr. Vinita Tekchandani	Practice at Mumbai
Dr. Ruchika Gupta	Practice at Nagpur
Dr. Dinesh Mohale	Practice at Washim
Dr. Apoorva Bhondey	Practice at Nagpur
Dr. Tejashree Bhagwatkar	Practice at Nagpur
Dr. Yogita Dhengar	Joined the same institute as Sr. Lecturer

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

Sr. No.	Workshops/ CDE programmes organized	Year	External experts
1	Oral Precancer: Problems and Solutions	2013	Dr. Vinay Hazarey
2	Contemporary Clinical Oral Microbiology and Laboratory Diagnosis	2014	Dr. Kalpana Date Dr. Yagnesh Thakkar Dr. Umesh Hasani
3	Basic Forensic Medicine and Problem Based Learning in Forensic Odontology	2016	Dr. Prakash Mohite Dr. Ashish Bodhade

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

- Didactic lectures and seminars
- Illustrative and demonstrative teaching
- Power point presentations, audio visual aids
- Microteaching

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

The department ensures that program objectives are constantly met. For UG program, the learning outcomes are monitored through regular departmental

meetings; Interaction; Part Completion Test; Periodic assessment; Student Seminars.

For PG program, the learning outcomes are monitored through regular departmental meetings; PG Progress report; JC, Case and Seminar presentation and checklist of the same; log book; year-end exams; mock exams.

47. Highlight the participation of students and faculty in extension activities.

Through organization of Specialty camps, case discussions

48. Give details of “beyond syllabus scholarly activities” of the department.

- Monthly departmental exams for PG students, group discussions during interaction classes, British Club activities.
- MUHS funded research projects undertaken by the students under the guidance of the department.
- Educational posters and models are made by the by the students.
- Seminar topics are allotted to students to improve their presentation skills and built confidence in the students.
- Activities like solving crosswords, quiz are conducted in the department.

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. NO

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Through conduction of Seminars and Journal clubs
- Case discussions
- CDEs and Workshops
- Short term Studies
- Dissertations
- Conferences

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths	• Experienced & skilled faculty • Histopathological Consultancy offered for referral specimens. • Adequate training imparted to UG and PG and good feedback about teaching learning from the students • Good infrastructure with spacious department, advanced equipment such as pentaheadmicroscope. Updated library resources and online access to scientific journals and availability of good number of titles • Students take up research activities under the guidance of department staff.
Weaknesses	• Lack of advanced aids for hematological investigations.

	• Non availability of advanced diagnostic aids like IHC. • No attached medical college.
Opportunities	• Quality research is possible if a well-equipped Immunohistochemistry lab/ PCR setup is done in the department
Challenges	• To compete with other dental colleges with attached medical college.

52. Future plans of the department.

- Up-gradation of Histopathology and Hematology laboratory.
- Establishment of Immunohistochemistry laboratory.
- Establishment of Microbiology laboratory.
- To establish research facilities in the field of Oral Pathology and Microbiology.
- To conduct specialized courses on Oral Pathology and Microbiology in-collaboration with foreign universities.

Academic	Research	Services	Infrastructure
➤ Keep on adding new models, flowcharts & posters as self-learning materials. ➤ To continue conducting inter-departmental activities with OP-OS, OP-ODMR. ➤ Inter-institutional & interdisciplinary research activities ➤ Faculty to be trained for IHC& PCR.	➤ Interdisciplinary research with RST Cancer Hospital Nagpur, ➤ genetic Lab, VNIT Nagpur, NEERI	➤ Application of newer diagnostic aids in practice. e.g. Automatic analyzer for Hematological and biochemical tests etc.	1. Up gradation of Histopathology and Hematology laboratory. 2. Establishment of Immunohistochemistry laboratory. 3. Establishment of Microbiology laboratory. 4. Establishment of PCR & Genetic Laboratory

Evaluative Report of the Department

1. **Name of the Department :** Department of Oral and Maxillofacial Surgery
2. **Year of establishment:**
UG/BDS: 2006 (Third BDS : 2008)
PG/MDS: 2012
3. **Is the Department part of a college/Faculty of the university?** College (MUHS)
Yes, Department is a part of college and affiliated to MUHS.
4. **Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) :**
UG= Bachelor of Dental Surgery (BDS),
PG= Master of Dental Surgery (MDS)
5. **Interdisciplinary programs and departments involved:**

S. No.	Year	Interdisciplinary Program	Departments involved
1.	27/3/2014	Inter-departmental symposium on Oral Submucous Fibrosis	Department of Oral Medicine and Department of Oral Pathology Department of Oral Surgery
2.	14/10/2014	Surgical management of oral submucous fibrosis	Department of ODMR and Oral Surgery.
3.	20/4/2015	Infected Odontogenic Keratocyst-Case Discussion	Department of Oral Medicine Department of Oral Surgery and Department of Oral Pathology
4.	15/7/2015	Verrucous Carcinoma-Case Discussion	Department of Oral Pathology and Department of Oral Medicine Department of Oral Surgery
5.	25/08/2015	Various treatment options for management of TMJ Ankylosis	Department of ODMR and Oral Surgery.
6.	11/08/2015	Orthognathic case- Sarika Rajgire	Department of Oral Surgery and Orthodontia.
7.	14/10/2015	OSMF	Department of Oral Pathology and Department

			of Oral Medicine Department of Oral Surgery
8.	23/09/2016	Orthognathic case- Karan Sewlani	Department of Oral Surgery and Orthodontia.
9.	22/03/2016	Orthognathic case- Chinki Pantawne	Department of Oral Surgery and Orthodontia.
10.	29/01/2016	Orthognathic case- Atul Bagadkar	Department of Oral Surgery and Orthodontia.

6. Courses in collaboration with other universities, industries, foreign institutions, etc. :

None

7. Details of programs discontinued, if any, with reasons : No

8. Examination System:

Annual examination pattern for 1st, 2nd and 3rd BDS.

At present semester pattern is followed for IV BDS.

Annual pattern will be followed for final BDS from academic session 2017 – 18

Summer 2018 examination as per MUHS Circular 07/2017 dated 20/1/2017

**9. Participation of the department in the courses offered by other departments-
- NIL**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)-

	DCI Requirements	Sanctioned	Filled/ Actual
Professor	1	1	1
Associate Professor/ Reader	2	2	2
Assistant Professor	-	-	-
Lecturer	2	2	2
Tutor / Clinical Instructor	1	2	2
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualificatio n	Designatio n	Specializatio n	No. of Years of Experience	Researc h under guidance
Dr. Mithilesh Kumar Gupta	BDS, MDS	Prof. and Head	Oral and Maxillofacia l Surgery	34 years 6 months	6

Name	Qualification	Designation	Specialization	No. of Years of Experience	Research under guidance
Dr. Chandrashekhar Bande	BDS, MDS	Reader	Oral and Maxillofacial Surgery	10 years 6 month	4
Dr. Ajit Joshi	BDS, MDS	Reader	Oral and Maxillofacial Surgery	6 Years 5 months	1
Dr. Manu Goel	BDS, MDS	Lecturer	Oral and Maxillofacial Surgery	2 Year 10 months	0
Dr. Nitin Fating	BDS, MDS	Lecturer	Oral and Maxillofacial Surgery	3 Years 3 months	0
Dr. Akshay Mishra	BDS, MDS	Tutor	Oral and Maxillofacial Surgery	2 Years 7 months	0
Dr. Aishwarya Kadu	BDS, MDS	Tutor	Oral and Maxillofacial Surgery	1yr 1 month	0

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Visits of senior faculty and the guest lectures from various disciplines are regularly arranged by the institute in the Department.

13. Percentage of classes taken by temporary faculty- 0%

Program-wise information: NIL

14. Program-wise Student Teacher Ratio:

Program	Student Teacher Ratio
B.D.S	14:1 (Per year)
M.D.S	1:1 (Per year)

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled	Actual
Nurse	1	1	1
Attendant	1	1	1
Clerk	1	1	1
Ward Boy	3	3	3

16. Research thrust areas as recognized by major funding agencies—

- Premalignant Lesions
- Oncosurgery.
- Reconstructive Surgeries
- Panfacial Trauma
- Odontogenic Tumors

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.-

Sr No.	Name of Faculty	Project Title	Funding Agency	Total Grant Received
1.	Dr. C. R. Bande	• Use of Buccal Screen in post-surgical oral submucous fibrosis patients reconstructed with buccal pad fat.	Institutional Funding SDKSDCH	Rs. 5000
2	Dr. Ajit Joshi	• Incidence of Musculo-skeletal Disorders among Dental Professionals.	Institutional Funding SDKSDCH	Rs. 5000
3.	Dr. Ajit Joshi	• Awareness about needle stick injuries and sharp disposal.	MUHS	Rs. 8000 (Granted but not Received)
4.	Dr. Nitin Fating	• Extraction of asymptomatic tooth with and without antibiotic therapy.	MUHS	Rs. 9000 (Granted but not Received)

18. Inter-institutional collaborative projects and associated grants received :None

- a) National collaboration: None
- b) International collaboration : None

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received :

Sr No.	Name of Faculty	Project Title	Funding Agency	Total Grant Received
1.	Dr. Ajit Joshi	Incidence of Musculo-skeletal Disorders among Dental Professionals.	Institutional Funding	Rs. 5000

2.	Dr. Ajit Joshi	Awareness about needle stick injuries and sharp disposal.	MUHS	Rs. 8000 (Granted but not Received)
3.	Dr. Nitin Fating	Extraction of asymptomatic tooth with and without antibiotic therapy.	MUHS	Rs. 9000 (Granted but not Received)

20. Research facility / centre with

- State Recognition : NIL
- National Recognition : Yes, I4C (Inter Institutional Inclusive Innovation Centre)
- International recognition : None

21. Special research laboratories sponsored by / created by industry or corporate bodies :Nil

22. Publications:

- * Number of papers published in peer reviewed journals (national / international) :

Name of Faculty	No. of Publications
Dr. M.K.Gupta	78
Dr. C.R. Bande	12
Dr. Ajit Joshi	6
Dr. Manu Goel	6
Dr. Nitin Fating	3
Dr. Akshay Mishra	4
Dr. Aishwarya Kadu	1

- * Monographs: Nil
- * Chapters in Books:
- * Books edited
- * Books with ISBN with details of publishers

Dr. Vikas Meshram

1) TEXT BOOK OF ORAL RADIOLOGY.

ELSEVIER PUBLICATIONS.

ISBN no.- 978-81-312-1148-9

2) TEXT BOOK OF ORAL MEDICINE.

JAYPEE BROTHERS .MEDICAL PUBLISHER

ISBN no.- 978-93-5152-303-1

- Impact Factor Range: 0.68-1.6
- Citation Index Range: 3-226
- h-index: 1-5
- SNIPRange: 0.925-1.273
- SJRRange: 0.216-0- 0.836

23. Details of Patents and Income generated: NIL

24. Areas of consultancy and income generated:

- Our department provides consultancy services to other departments and rural areas.
- We provide Oral and Maxillofacial Surgery consultancy to patients reporting to Casualty at our Hospital.
- Consultancy services are provided free of cost.

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad –

Dr. M. K. Gupta has been invited to deliver Keynote address and as Guest Speaker during various academic forums.

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify)

1. Dr. M.K. Gupta

- Ex. President, Association of Oral and Maxillofacial Surgeons of India,(MP and CG) 2011-12).
- Ex. Executive Committee member, M.P. State Dental Council.
- Ex Member of PhD Plagiarism board MUHS
- PhD Supervisor, Barkatullah University, Bhopal
- PhD Co-supervisor, Banasthali University Rajasthan
- Online Reviewer of peer reviewed journals
Annals of Oral and Maxillofacial Surgery
Journal of Craniofacial Research.
Peoples Journal of Scientific Research.

Member of Indian Dental Association

Life Member of Association of Oral and Maxillofacial Surgeons of India

- PG Examiner Devi Ahilya University, Indore
- PG Examiner, Yenepoya University, Mangalore
- PG Examiner, Pandit Ravishankar Shukla University, Raipur

2. Dr. Chandrashekhar Bande

- Life Member of Association of Oral and Maxillofacial Surgeons of India
- Executive member of organizing committee at “30th Annual National conference of Association Of Oral Maxillofacial Surgeons Of India”
- Executive member of organizing committee at “62nd Annual National conference IDA”
- Executive member and Assistant treasurer of IDA branch
- Life membership of Indian Dental association
- Life membership of Foundation Head-Neck Cancer of India
- Life membership of Vidarbha Head-Neck

3. Dr. Ajit Joshi

- Association of oral and maxillofacial surgery (AOMSI)
- Life Member of Association of Oral and Maxillofacial Surgeons of India
- Indian forum of dental skill skills (IFODS) Life membership no. 155
- Head, academy for post graduate dental entrance examination, north-east Maharashtra branch, Nagpur division
- AO CMF: Member
- Project Editor, International Journal Of Oral Health Science And Advances
- Reviewer, International Journal of Dentistry And Oral Health
- Review, Journal of Clinical Dentistry And Research.

4. Dr. Manu Goel

- Life Member of Association of Oral and Maxillofacial Surgeons of India
- Indian Dental Association

5. Dr. Nitin Fating :

- Member of Indian Dental Association
- Life Member of Association of Oral and Maxillofacial Surgeons of India

6. Dr. Akshay Mishra

- Member of Indian Dental Association
- Life Member of Association of Oral and Maxillofacial Surgeons of India
- Member AO International/ Asia Pacific

7. Dr. Aishwarya Kadu

- Life Member of Association of Oral and Maxillofacial Surgeons of India

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

Dr. M.K. Gupta

International

- (1) International Conference for Surgeons on endemic diseases held at Tripoli (Libya), 10-13 November 1992.
- (2) International Conference for Surgeons on endemic diseases held at Tripoli (Libya) from 10 To13 November, 1992.
- (3) International Dental Conference of Arab Magharab Union held at Benghazi (Libya), 1st May 1993.
- (4) Conference of Jamahiriya Medical sciences held at Benghazi, (Libya) on 8 to 11 May 1994.
- (5) 9th International Dental Congress held at Alexandria (Egypt) from 11 to 14 November, 1994.
- (6) 18th Asian Pacific Dental Congress and 50th Indian Dental Congress held at Bombay (India) from 19 to 23 January 1996.
- (7) 18th ICOMS held in Bangalore, November 14th to 18th, 2007.
- (8) ACMF Symposium “Focus on Maxillofacial Surgery” at ICOMS at Bangalore 2007 on November 16th, 2007.

National/ State

1. State Dental Conference and continuing educational programme of 2005 held at Bhopal on 19th Nov '2005.
2. 30th Annual Conference of Association of Oral and Maxillofacial Surgeon of India (AOMSI), 24th -27th November 2004, Nagpur.
3. 31st Annual Conference of AOMSI held at Jaipur during 23rd to 26th Nov. 2005.
4. 31st Annual Conference of AOMSI held at Jaipur during 23rd to 26th Nov. 2005.
5. Silver Jubilee Indian Dental Association M.P. State Dental Conference and continuing educational program held at Bhopal on 18-20th Nov. 2005
6. Association of Oral and Maxillofacial Surgeon of India (AOMSI) at JSS Medical College, Mysore, 2-4 June 2005
7. Organized and Participated in various Dental Diagnostic and Treatment Camps.
8. 61st Indian Dental Conference held in Mangalore at Dr. T.M.A. Pai International Convention Centre from 25th to 28th January 08.
9. Scientific meet of Indian Medical Association, Bhandara and Nagpur, (M.S.)
10. 10th National workshop on comprehensive update in Maxillofacial Surgery organized by Jabalpur (M.P.) Hospital and RC, Hitkarni Dental college in collaboration with A.S.S. of on 12th to 15th Oct, 2006.
11. ACMF Symposium "Focus on Maxillofacial Surgery" at ICOMS Bangalore 2007 on November 16th, 2007.
12. 18th ICOMS held in Bangalore, November 14th to 18th, 2007.
13. Participated in the 10th National Workshop on updates in Maxillofacial Surgery at Jabalpur (M.P.) on 28th to 30th March 2008.
14. Contributed the 61st Indian Dental Conference held in Mangalore at Dr. T.M.A. Pai International Convention Centre from 25th to 28th January 08.
15. Oral Implantology conducted on 14th November 2008, at Implant center of Peoples College of Dental Sciences and Research Centre.
16. 33rd Annual Conference of the Association of Oral and Maxillofacial Surgeons of India, as Delegate 26th -30th November 2008 at Lucknow.
17. 62nd Indian Dental Conference held at Nagpur, from 12th to 15th February 2009.
18. CDE on Implant updates and Technology Transfer held on 14-15th September 2009.
19. CME on Temporal Bone Surgery Basic Concepts. On 19th April 2009.at PCMS and RC Bhopal, India.
20. CME on "Hepatitis" approach to patient on 26th May 2009 at PCMS and RC Bhopal, India.
21. Foundation Day Symposium on Biotechnology "Recent Scientific Endeavour" held at Centre for Scientific Research and Development (C.S.R.D), People's Group, Bhopal on 29th and 30th June 2009.
22. 29th IDA MP State Conference held at Bhopal on 30th, 31st Oct. and 01st Nov. 2009.

23. The National Biotechnology Conference held at St. Aliosts college, Jabalpur, on 18-19th Dec. 2009.
24. 03rd “Medicine update 2010” at People’s College of Medical Sciences and RC, Bhopal on 3rd Jan. 2010.
25. 14th National Workshop on Current Affairs in Maxillofacial Surgery held at Jabalpur Hospital and Research Centre, Napier Town, Jablapur on 29th , 30th and 31 Jan. 2010.
26. Industry Academia Interaction in Rajiv Gandhi Proudtyogiki Vishwavidyalaya, Bhopal at 6th Feb. 2010.
27. 14th National Workshop on “Current Affairs in Maxillofacial Surgery, under the auspices of Indian Academy of Maxillofacial Surgery, 29 to 31 January 2010 at Jabalpur Hospital and Research Center, Jabalpur 480002 (India)
28. World anti-tobacco day organized by Cancer Hospital and RC, Bhopal
29. Central India Dental Students conference held at VS PM Dental College and RC, Nagpur from 10th to 12th Feb. 2006.
30. First MP State Level Dental Students convention 2010, held in PCDS and RC on 2nd and 3rd July, 2010 at Bhopal
31. Scientific programme organized by IDA, Bhopal and Dr. Reddy Lab. Ltd. Held, Bhopal on 19th Sep. 2010 Topic – Presentation /Diagnosis of Oral Cancers.
32. On Anterior and Posterior Root Canal treatment Organized by Academy of Interdisciplinary Odontology, Bhopal on 19th Sept. 2010 at Bhopal.
33. The scientific convention of Indian Dental Association, Nagpur branch, held at Nagpur on 1979.
34. Indian Dental Association, Vidarbha branch at Nagpur on 10.02.1980.
35. Indian Dental Association, Nagpur branch, held at Nagpur on 30.08.1980.
36. Indian Dental Association, Nagpur branch held at Nagpur on 21.01.1983.
37. The XXII Annual Maharashtra State Indian Dental Association conference held at Nagpur on 26.11.1983.
38. Indian Dental Association, Nagpur branch held at Nagpur on 02.09.1984.
39. Indian Dental Association, Nagpur branch held at Nagpur on 06.01.1985.
40. 10th annual conference of Association of Oral and Maxillofacial Surgeons of India held at Pune (Maharashtra state) on 13.02.1985.
41. Indian Dental Association, Nagpur branch, held at Nagpur on 07.09.1985.
42. Indian Dental Association, Nagpur branch, held at Nagpur on 20.10.1985.
43. Indian Dental Association, Nagpur branch, held at Nagpur on 10.01.1986.
44. Indian Dental Association, Nagpur branch, held at Nagpur on 31.01,1986.
45. 18th Asian Pacific Dental Congress and 50th Indian Dental Congress held at Bombay (India) from 19 to 23 January 1996.
46. National Conference on “Cellular and Molecular Medicine”, Pulpal Stem Cells – A new dimension in regenerative dentistry at Rajiv Gandhi Proudtyogiki Vishwavidyalaya, Bhopal on 4th Feb. 2010.
47. Attended “National Triple ‘O’ symposium 2011 held at Raipur (Chhatisgarh), India on 23rd and 24th July, 2011.

48. Participated in 58th Annual World Dental Congress of IADS and YDW held between 24th -31 July 2011 in New Delhi, India.
49. Participated in the 1st conference of Association of Oral and Maxillofacial Surgeons of M.P.C.G State Branch. held on 27-28th Aug 2011 held at Indore, (M.P) India.
50. Chairperson during scientific deliberations of the 36th Annual Conference of Association of Oral and Maxillofacial Surgeons of India, held at India Habitat Center New Delhi – India from 23rd to 26th Nov 2011.
51. Attended and participated Rhinoplasty workshop organized by PCDS and RC in association with AOMSI M.P. and CG, chapter at Bhopal on 3rd and 4th Feb. 2012.
52. 16th National workshop on innovations in Maxillofacial Surgery 10– 12 March 2012 organized by Jabalpur Hospital and Research Center and Hitkarini Dental College and Hospital, Jabalpur participating as guest faculty.
53. Association of Oral and Maxillofacial Surgeons of India M.P. and CG. Chapter 2nd Annual Conference Bhopal, M.P on 25th and 26th August 2012.
54. CDE programme on "Medical Emergencies and Maxillofacial infections" on 27th August 2012 at Rishiraj college of Dental Sciences and Research center, LNCT Group, Bhopal in association with Indian Dental Association Bhopal Branch.
55. Guest of Honor during the Graduation Day function of Peoples College of Paramedical Sciences Bhopal held on 29/10/2012.
56. Attended 37th National Conference of AOMSI -2012 held at Hyderabad, Andhra Pradesh, on 29th, 30th Nov. and 1st Dec 2012.
57. 1st Interdisciplinary OOOE symposium- As a Delegate on 25th February 2013. CDE programme on Oral Submucous Fibrosis- The Coming Epidemic at People's Dental Academy, Bhopal.
58. Participated in National Seminar on Nanotechnology organized by People's College of Research and Technology, People's University, Bhopal on 27th and 28th February-2013.
59. The Keynote address on Pitfalls in removal of impacted teeth during the 3rd M.P.State Dental Students Convention - on 2nd March 2013, hosted by People's College of Dental Sciences and Research Center, Bhopal.
60. CDE programme on "Cone Beam Ct:-third eye in Dentistry" on 16th March 2013, at Rishiraj college of Dental Sciences and Research center, Bhopal.
61. Certificate of Participation presented to Dr.M.K.Gupta, for his participation in the C.D.E. Programme on Research Methodology, conducted on 13th May 2013. at Peoples Dental Academy, Bhopal.
62. Participation 3rd state Annual Conference of AOMSI (M.P and CG chapter) held on 3rd and 4th Aug. 2013. held at Pachmarhi, M.P.
63. Organized CDE programme on Recent Trends in the management of Cleft patients organized in Peoples Dental Academy, Bhopal on 11th Nov. 2013.

64. Organized “Future Dental Professionals CDE programme” in collaboration with Indian Dental Association, Bhopal and Colgate Palmolive India at Peoples Dental Academy, Bhopal on 16th Nov.2013.
65. Certificate of Attendance to Dr.M.K.Gupta, for his participation in the C.D.E. Programme organized by the Dept. of Oral Medicine and Radiology on “Burning Mouth Syndrome –A Clinical Engima ? ” as a delegate on 27th January 2014 at Peoples Dental Academy, Bhopal.
66. Certificate of Training to Dr.M.K.Gupta for his participation in training programme on “Ethics in Biomedical Research “organized conducted by the dept. of Oral Medicine and Radiology on 24th March 2014 at Peoples Dental Academy, Bhopal
67. Certificate of Training to Dr.M.K.Gupta for his participation in training programme on “Sampling and Bias in Research “organized conducted by the deptt of Public Health Dentistry and Oral Medicine and Radiology on 28th March 2014 at Peoples Dental Academy, Bhopal
68. Certificate of Attendance to Dr.M.K.Gupta attended as a delegate in webinar on “Perio –Restorative Doctrines for Better Tissue Longevity by Dr. Kumarswamy on 2nd April 2014.”
69. Certificate of Attendance to Dr. M.K. Gupta for participating in “A Vision for Excellence: Post Core and Retreatment” organized by Department of Conservative Dentistry in People’s Dental Academy on 10th February, 2014.
70. Certificate of Attendance to Dr. M.K. Gupta attended as a delegate in CDE programme on “Oral Leukoplakia-an Update” organized by Department of Oral Pathology on 15th April, 2014.
71. Delivered “ORATION” on the topic Oral and Maxillofacial Surgery-An insight on 30th August, 2014 during the Annual Conference of Association of Oral and Maxillofacial Surgeons of India (MP and CG) at Mandu (Indore).
72. Attended the FDI Annual World Dental Congress, 11-15 September, 2014 at NCR New Delhi, Greater Noida (UP).
73. Participated in the CDE Programme on “Literature Search and Manuscript Writing” held on 16th September, 2014 at People’s College of Dental Sciences and Research Centre, Bhopal.
74. Attended the Lecture session of the Enhancement Programme on Minimum Drilling Maximum Stability (a new approach of bone drilling in dental Implantology) of ARDS Implants on 8th October, 2014 at Bhopal.
75. Certificate of “Workshop on Research Design” is awarded to Dr. M.K. Gupta for Participating and Contributing to the success of this International Interactive session held on 14th November, 2014 organized by Department of Public Health Dentistry in People’s Dental Academy, Bhopal.
76. Certificate of Participation for the Programme “Prevention of Periodontal Diseases and Maintenance of Oral Hygiene” at People’s Dental College- Bhopal Held on 20th Nov.2014.

Dr. C. R. Bande

1. 30th Annual National conference of AOMSI Nagpur, Nov 2004
2. 31st Annual National conference of AOMSI Jaipur, Nov 2005
3. 32nd AOMSI Kolkata, Dec 2006
4. 18th International conference of Oral and Maxillofacial Surgeons Bengaluru, Nov 2007
5. Annual National Dental conference Nagpur, Feb 2009
6. Wochardth Hospitals BRAIN Stimulus 2010 Conference on Advance Neurosciences Nagpur
7. 37th Annual National conference AOMSI Hyderabad, Nov 2012
8. 1st Annual Conference of Maharashtra State Chapter of AOMSI Wardha 2013
9. Saw-Max, Sawangi Maxillofacial Conference Wardha, Sept 2014
10. National Indian Dental Conference Nagpur in 2011, 2012, 2013, 2014 and 2015
11. Annual Conference of Academy of Medical Sciences Nagpur, Jan 2013
12. Reconstruction and Rehabilitation in Oral Cancer Nagpur, Nov 2015
13. International symposium on Implantology Nagpur, Jan 2016

Dr. Ajit Joshi

1. Workshop on cleft lip and palate at Institute of Dental Sciences, Belgaum, 23rd June 2007
2. Workshop of photography at D.Y. Patil Dental College, Poona 21st July 2007
3. Workshop on Oral Surgery- current concept at VSPM, Nagpur 12th January 2008
4. Hands-on workshop on oral implantology held at Rural Dental College, Loni 12th February 2008
5. Hands-on on how to get started in dental implantology at Dr. D. Y. Patil Dental College, Pimpri, Pune 20th March 2009
6. AO orthognathic course – 2009, SDM, Dharwad 18th January 2009
7. Workshop on “ Reconstruction of mandibular defects using transport distraction osteogenesis at Darshan Dental College and Hospital, Loyara, Udaipur 26th September 2011
8. Workshop on surgical orthodontics and orthognathic surgery at Darshan Dental College and Hospital, Loyara, Udaipur 3rd-4th February 2012
9. Research Methodology Workshop MUHS, Nashik Govt. Medical College and Hospital, Nagpur 20th -22nd June 2016
10. AOCMF Introductory Workshop on Maxillofacial Trauma. VSPM Dental College and Hospital, Nagpur. 30th Sept and 1st Oct 2016
11. CDE on cleft and craniofacial disorders in the Dept. of Oral and Maxillofacial Surgery, Loni 5th October 2007

12. CDE on cleft lip and cleft palate in the Dept. of Orthodontics, Loni 8th September 2007
13. 7th National Conference of Indian Society of cleft lip, cleft palate and craniofacial anomalies 29th February 2008 Loni
14. 33rd National Conference of AOMSI 26th November 2008 Lucknow
15. 1st scientific convention at Rural Dental College. Loni 12th March 2009
16. CME on Armouring to the evolving anaesthetic challenges at Dept. of Anesthesiology, RMC, PMT, Loni 28th March 2009
17. 4th Annual conference of AOMS TN and Pondy Chapter 3rd April 2009 Kodai
18. CME – on Pain: pathology and management at Dept. of physiology and pharmacology, RMC, PMT, Loni 9th October 2009
19. 64th Indian Dental Conference Jaipur 10th-13th February 2011
20. 36th Annual Conference of Association of Oral and Maxillofacial Surgeons of India 23rd-26th November 2011 Delhi
21. AOCMF Introductory Seminar-India at PIT Auditorium, Pacific Institute of Technology, Pacific Hills, Udaipur 5th-6th October 2012
22. SAW-MAX 2014, Sharad Pawar Dental College and Hospital, Sawangi (Meghe) Wardha 19th to 21st September 2014
23. Fundamentals of Research with biostatistics in Dentistry, SDKS, Nagpur. 29th March 2016

Dr. Manu Goel

1. CDE Programme and live demonstration on cleft and craniofacial surgery at Loni on 05.10.2007.
2. 18th International Conference on Oral and Maxillofacial Surgery at Bangalore on 14.11.2007.
3. ACMF Symposium at Bangalore on 16.11.2007.
4. Hands on workshop on Sinus lift and block grafting organised by Nair Dental College and Hospital, Mumbai on 03.02.2008
5. Seminar on Transfusion Medicine- Clinical perspective organised by ACTREC, Navi Mumbai on 24.02.2008.
6. 11th National workshop on updates in Maxillofacial Surgery, Jabalpur on 23.03.2008.
7. 12th Mid Term National Conference of AOMSI, Ahmedabad on 30.05.2008
8. Continuing Dental Education Programme organised by Nair Dental College and Hospital, Mumbai on 30.06.2008.
9. National Workshop on Maxillofacial Trauma organised by MGM Dental College, Navi Mumbai on 22.11.2008.
10. 33rd Annual Conference of AOMSI, Lucknow on 26.11.2008
11. 1st National workshop on Distraction Osteogenesis vs Orthognathic Surgery organised by Nair Dental College and Hospital, Mumbai on 19.09.2009.

Dr. Nitin Fating

1. “symposium on facial trauma” organized by department of ENT Bangalore Baptist Hospital and Department of Oral And Maxillofacial Surgery, Rajiv Gandhi Dental college, Bangalore on 1st Sep 2012.
2. CME on pain management organized by Department of Anesthesiology, JSS Medical College, Mysore on 6th Nov 2011.
3. Exposure Of Temporomandibular Joint- A Cadaveric Hands On Workshop organized by Department of Oral and Maxillofacial Surgery M S Ramaiah dental college, Bangalore on 12th Aug 2012.
4. Workshop on Sinus Lifting Procedures organized by Theja dental college, Tirupati on 14th Sep 2012.
5. 35th annual conference of AOMSI held at Coimbatore from 1st to 4th Dec 2010.
6. 36th annual conference of AOMSI held at New Delhi from 23rd to 26th Nov 2011.
7. 37th annual conference of AOMSI held at Hyderabad on 29, 30th and 1st Dec 2012
8. ORAMPS 2012, first south zone convention on ‘Maxillofacial Surgical Pathology and Diagnosis’ held on 7th and 8th Sep 2012 at Dhavengere.
9. Nidacon 2017
10. Implacon 2017

Dr. Akshay Mishra

1. 15th Mid-term Conference of Association of Oral and Maxillofacial Surgery, 16th to 19th June 2011, held at Kanyakumari, Tamilnadu, India.
2. All India IDA PG Conference and PG convention 19th- to 21st Aug 2011 held at Sinhgad Dental College and Hospital, Pune, India.
3. CDE Advanced Implantology and Implant Prosthetics, organized by Expertise, 11th Dec 2011, held at Taj Blue Diamond, Pune, India.
4. CDE Research Methodology, 30th July 2011, held at Bharati Vidyapeeth Deemed University Dental College and Hospital, Pune, India.
5. 16th National Workshop on Innovations In OMFS. AOMSI. 10th to 12th March 2012, Hitkarini Dental College and Jabalpur Hospital, Jabalpur, MP, India.
6. Introductory Surgery Conference, AOCMF Asia-Pacific, 7th April 2012, Ruby Hall Clinic, Pune, India
7. 31st IDA Inter College Dental Research Conference, 25th April 2012, held at Bharati Vidyapeeth Deemed University Dental College and Hospital, Pune, India.
8. 16th Mid-term Conference and 3rd PG Convention of Association of Oral and Maxillofacial Surgery, 14th to 16th June 2012, held at Mount Abu, Rajasthan, India.

9. 2nd Maxillofacial CME Maxillofacial Pathology, AOMSI, Maharashtra Chapter, 4th Aug 2012, Nair Dental College and Hospital, Mumbai, India.
10. CDE Symposium on Premalignant Diseases and Conditions, 7th Sept 2012, Dept of Oral Medicine-Oral Pathology-OMFS. Bharati Vidyapeeth Deemed University Dental College and Hospital, Pune, India.
11. 3rd CME Facial Aesthetics, AOMSI, Maharashtra Chapter, 12th Oct 2012, Dr. D.Y.Patil University, Navi Mumbai, India.
12. 5th National workshop on changing trends in OMFS, AOMSI, 19th to 21st Oct 2012, MGM Dental College and Hospital, Navi Mumbai, India
13. Advanced Dental Implantology. Perioplexus. 8th May 2013. Bharati Vidyapeeth Deemed University Dental College and Hospital, Pune, India.
14. Proverbial Enigma- Temporomandibular Joint Diseases and Surgery 5th June 2013, Rangoonwala Dental College and Hospital, Pune, India.
15. Advances in Orthognathic and Craniofacial Plastic Surgery. 17th to 19th July 2013, KLE Belgaum Dental College and Hospital, Belgaum, Karnataka, India.
16. SAW-MAX AOMSI Maharashtra State Chapter Conference Wardha 19 to 21 Sept 2014
17. CME on Oral Cancer at RST Regional Cancer Hospital and Research Centre, Nagpur on 26 July 2015.
18. CDE Winter Convention 2015 conducted by IDA Nagpur on 17 and 18 October 2015
19. CME on CT,CBCT in Contemporary Oral and Maxillofacial Surgery, conducted by Dept. of OMFS, VSPM DCRC
20. CDE on Fundamentals of Research and Biostatistics in Dentistry, conducted on 29/3/2016 at SDKS Dental College and Hospital, Nagpur
21. CDE on Occlusion in Natural Dentition- Perio Perspective organized by Dept of Periodontology, SDKS Dental College and Hospital, Nagpur.
22. IMPLACON 2017 – 1st Central Indian Annual Conference on Oral Implantology. Conducted on 6th to 8th Jan 2017 at Hotel Radisson Blu, Nagpur. Organized by Society of Dental Implantologists.

Dr. Aishwarya Kadu

1. 37th national conference of AOMSI, Hyderabad on 29th, 30th and 1st Dec, 2012
2. 1st Maharashtra state chapter Annual conference, AOMSI Wardha and AOMSI preconference on 28th, 29th September, 2013
3. " AOMSICON 2014" 39th AOMSI National Conference held at GOA (14, 15, 16 November, 2014).

4. ASMACON -2013" 1st Asian Oral and Maxillofacial Surgery PG Convention, Mangalore on 29th, 30th and 31st August, 2013
5. " SAW-MAX" 1st PG convention, AOMSI - Maharashtra state chapter on 20-21st September at Sawangi , Wardha
6. One Day International Symposium On Cleft Surgery and Cleft Orthodontic at SPDC, Wardha on 16th Jan, 2013
7. CME on Cleft Lip and Palate, VSPM dental college on 19th Jan, 2013.
8. CIAOMS Scientific deliberation on occasion of celebration of oral and maxillofacial surgeons day on 13th Feb, 2013
9. CDE and workshop on wiring techniques at VSPMs dental college and hospital on 13th Feb, 2013
10. 3rd National Symposium on Orthognathic Surgery, Mumbai on 29th, 30th and 31st March, 2013.
11. Hands on Course on Clinical Photography. SDKS dental college on 10th May, 2013.
12. CDE programe on Oral Submucous Fibrosis (OSMF) to oral squamous cell carcinoma, SDKS dental college and Hospital, Nagpur on 5th July, 2013
13. Oral precancer problems and solutions, SDKS dental college on 5th September, 2013.
14. AOCMF introductory Seminar held at Wardha on 27th September, 2013
15. CDE on "Clinical photography" SDK dental college, Nagpur.
16. CME - "Distraction Osteogenesis for Mandible using Internal Distractors", on 17th February 2014 at VSPM dental college, Nagpur.
17. CME:- CDE Programme on orthognathic Surgery on 1st November at S.D.K.S Dental College Nagpur
18. CDE- "Complementary and Alternative medicine - why a modern dentist should do?" on 10 March 2014 at SDKDCH, Nagpur.
19. CDE on Oral Cancer at VSPM Dental College, Nagpur on 23rd November 2014.
20. Basic Workshop on Research Methodology" on 3rd to 5th December 2014 at SDKS Dental College, Nagpur.

28. Student projects

- Percentage of students who have taken up in-house projects including inter-departmental projects

- UG 5%

1.	Dr. Abha Hedao.	Incidence of Musculo-skeletal Disorders among Dental Professionals.
2.	Dr. Nilesh Malode.	Awareness about needle stick injuries and sharp disposal.
3.	Dr. Manasvi Lanjewar	Extraction of asymptomatic tooth with and without antibiotic therapy.

- PG 100%

1	Dr. Manish Tiwari (Completed)	A Comparative Evaluation Of Titanium Lag Screw Versus Titanium Miniplate Fixation Technique In Treatment Of Anterior Mandibular Fractures – A Prospective Study” – In Process
2	Dr. Ashutosh Thorat (Completed)	A Comparative Evaluation Of Murva Versus Silk As A Suture Material For Closure Of Intra-Oral Incision In Third Molar Surgeries - A Prospective Study
3	Dr. Pawan Dawane (Completed)	Treatment algorithm In Oral Submucous Fibrosis Based On OSMF Scoring Index – A Prospective Study
4	Dr. Zeeshan Asar	A Comparative Evaluation Of Efficacy Of Platelet Rich Fibrin Versus Biphasic Calcium Phosphate With Platelet Rich Fibrin After Surgicalenucleation Of Cystic Lesions-A Randomized Controlled Trial
5	Dr. Monica Mahajan	Comparative Evaluation Of Healing Pattern After Surgical Excision Of Mucosal Lesions Of Oral Mucosa By Using Collagen Membrane And Platelet Rich Fibrin Membrane
6	Dr. Mayur Gawande	A Comparative Evaluation Of Two Point Versus Three Point Fixation In The Management Of Zygomaticomaxillary Complex Fracture : A Prospective Study
7.	Dr. Vijay Rode	Evaluation of masseter muscle activity by electromyographic study after surgical removal of mandibular third molar
8.	Dr. Sagar Naidu	Efficacy of locally applied metronidazole and chlorahexidine admixed gel in postextraction healing-a randomized clinical trial
9.	Dr. Ankita Bhagat	Surgical removal of asymptomatic impacted mandibular third molar : a critical appraisal of its pathological potential
10.	Dr. Rahul Thanvi	Temporalis Myotomy vs Coronoidectomy for establishing mouth opening in Oral Submucous Fibrosis.
11.	Dr. Krishna Kurawar	A comparative evaluation of two internal fixation techniques for mandibular fractures involving parasymphysis region using miniplate versus customized omega miniplate: A prospective clinical trial
12.	Dr. Ashish Maheshkar	Comparative evaluation of healing pattern following the surgical excision of mucosal lesion of oral mucosa by using amniotic membrane vs collagen membrane: a prospective clinical trial

- **Percentage of students doing projects in collaboration with other universities / industry / institute**– None

29. **Awards / recognitions received at the national and international level by**

- Faculty:

1. Dr. M. K.Gupta

- Fellow of International College of Surgeons.
- Fellow of International Association of Oral and Maxillofacial Surgeons.
- Fellow, International College of Dentists.
- Fellow, Pierre Fauchard Academy of Dentistry .

Chairman/Judge scientific sessions

International/ National/ State conferences

1. Chairman, Scientific Committee during the 30th Annual Conference of Association of Oral and Maxillofacial Surgeons of India (AOMSI), 24th -27th November 2004, Nagpur.
2. Judge for the prize category papers during the Scientific Session of the 30th Annual Conference of Association of Oral and Maxillofacial Surgeon of India (AOMSI), 24th -27th November 2004, Nagpur.
3. Chairperson of Scientific Programme Organized by IDA Nagpur on 25th June 2005.
4. Chairman for the key note Scientific session of 31st Annual Conference of AOMSI held at Jaipur during 23rd to 26th Nov. 2005.
5. Chairman for the Oration lecture during the Silver Jubilee Indian Dental Association M.P.State Dental Conference and continuing educational programme held at Bhopal on 18-20th Nov 2005.
6. Chairperson at the scientific deliberations of the 18th ICOMS held in Bangalore, November 14th to 18th, 2007.
7. Chaired a Scientific Session at the 33rd Annual Conference of the Association of Oral and Maxillofacial Surgeons of India, 26 – 30th Nov. 2008.
8. Chairman Scientific Session during the 62nd Indian Dental Conference held at Nagpur, from 12th to 15th February 2009.
9. Chairman, Scientific Session during the 29th IDA, MP State Conference held at Bhopal on 30th, 31st Oct. and 01st Nov. 2009.
10. Certificate of appreciation as a Resource Person during the National Biotechnology Conference held at St. Aliosis College, Jabalpur, Dec. 2009.
11. Chairperson –During the National Seminar on Biotechnology for the 21st Century –new Horizon's organized by St. Aliosts college , Jabalpur, on 18-19th Dec. 2009
12. Chairperson 14th National Workshop on Current Affairs in Maxillofacial Surgery held at Jabalpur Hospital and Research Centre, Napier Town, Jabalpur

on 29th , 30th and 31 Jan. 2010.

13. Chairperson: National Conference on Cellular and Molecular Medicine – Session Industry Academia Interaction in Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal at 6th Feb. 2010.
14. Chairperson for the scientific session during the National Triple ‘O’ symposium 2011 held at Raipur, (Chhattisgarh) India on 23rd and 24th July, 2011.
15. Chairperson during scientific deliberations of the 36th Annual Conference of Association of Oral and Maxillofacial Surgeons of India, held at India Habitat Center New Delhi – India from 23rd to 26th Nov 2011.
16. Organizing Chairman, of 2nd Annual Conference of Association of Oral Maxillofacial Surgeons of India, M.P. and CG Chapter held on 25th and 26th August 2012 at the Peoples University campus, Bhopal, M.P.

Guest speaker

International/ National/ State conferences

1. Presented a guest Lecture on Topic - Dental Education Guest speaker during the in-service course of Central School teachers of Bhopal region, Nagpur, KV, CRPF, June 2005
2. Guest Speaker during the Silver Jubilee Indian Dental Association M.P. State Dental Conference and Continuing Dental Educational programme held at Bhopal on 19th Nov ‘2005. Topic-Treatment and management of Aspects in Dental Clinics.
3. Guest Speaker –Scope of Stem Cells research in regenerative Dentistry, Keynote speaker during the IDA-Colgate-Future Dental Professionals Programme on 6th Aug.2011 held at Vrindawan Garden, Bhopal, India.
- 4 Guest faculty during the 16th National workshop on innovations in Maxillofacial Surgery 10 – 12 , March 2012 organized by Jabalpur Hospital and Research Center and Hitkarini Dental College and Hospital.
- 5 Speaker – Topic Challenges in managing Maxillofacial Trauma-An insight during the IDA Continuing Dental Educational programme held at Chikhali in Hotel Amrutulya, Khamgaon Road, Chikhali on 9th Sept. 2012.
6. Key note speaker topic “Pitfalls in Removal of Impacted Teeth” held at 3rd M.P. State Dental Student Convention 2013, at People’s Dental Sciences and Research Centre Bhopal.
7. Participation delivering a guest lecture scientific session in 03rd “Medicine update 2010” at People’s College of Medical Sciences and RC, Bhopal on 3rd Jan. 2010.

Memberships:

- 1 Fellow of International College of Surgeons.
- 2 Fellow of International Association of Oral and Maxillofacial Surgeons
- 3 Fellow, International College of Dentists
- 4 Fellow, Pierre Fauchard Academy
- 5 Fellow, Academy of Dentistry International
- 6 President, Association of Oral and Maxillofacial Surgeons of India,(MP and CG) 2011-12)
- 7 Member, Indian Dental Association
- 8 Life Member, Red Cross Society of India
- 9 Life Member Association of Oral and Maxillofacial Surgeons of India
- 10 Executive Committee member, M.P. State Dental Council
- 11 PhD Supervisor, Barkatullah University, Bhopal
- 12 PhD Co-supervisor, Banasthali University Rajasthan

2. Dr. Manu Goel

- a. 1st Prize in poster presentation – Lucknow 33rd AOMSI 2008
- b. 1st Prize paper presentation – PG Convention YMT Dental College

3. Dr. Akshay Mishra-

- a. 2014 1st Rank in University in Oral and Maxillofacial Surgery in May 2014
- b. Jawaharlal Nehru Memorial Fund Prize for excellence in post graduate University exams New Delhi 2015

4. Students :

Awards received by PG students

Dr. Ashutosh Thorat—

- 1) 1st Maharashtra state Chapter Annual conference, AOMSI Wardha and AOMSI preconference on 28th 29th September 2013. POSTER Assessment of Predicted Results By Imaging software and Actual Results following Orthognathic Surgery: Analysis of 5 cases

Dr. Zeeshan Asar –

- 1) SAWMAX 2014,1stPG Convention Sawangi, WARDHA Paper- An autologous platelet rich novel approach in promoting Osseous regeneration in cystic Lesions – A clinical study
- 2) 2nd prize in paper presentation in Midterm National Conference of AOMSI July 2015
- 3) Prize in paper presentation at AOMSI national conference Amritsar.

Dr. Monica Mahajan

- 1) Paper presentation NIDACON 2016, Nagpur. Unusual large fibroma associated with mandible – A rare case report.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any –

Sr. No.	Contents	Date	Title	Guest Lecture	Designation	Funding
1.	Workshops conducted in year 2014	2 Dec 2014	Workshop on Basic Research Methodology	Dr. Pravin Lambade	Professor	Institution
		18 Nov 2014	CDE on Basic Life Support	Dr. Prakash	Professor	Institution
		1 Nov 2014	CDE on Orthognathic Surgery	Dr. Nitin Bhola	Professor	Institution
2.	Workshops conducted in year 2012	13 Nov 2012	Role of surgical pathologist in diagnosis of salivary gland lesion	Dr. Ravi R. (MD Pathologist)	Professor	Institution
		13 Oct 2012	Workshop on Basic Life Support Part-I	Dr. (Mrs) Preeti Kolarkar (MD Anesthesia)	Professor	Institution
3.	Workshops conducted in year 2011	12 Oct 2011	CDEOOO Ameloblastoma	Lecture delivered by interns	Professor	Institution

31. Code of ethics for research followed by the departments : Yes

The institute has a functional Ethical Committee to ensure ethical, clinical practice and research.

32. Student profile program-wise:

Selection process is done by NEET/ AMUPMDC and data related to it is available with competent authorities.

33. Diversity of students--

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BDS 2012	84%	15%	1%	0
BDS 2013	90%	10%	0	0

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BDS 2014	95%	2%	3%	0
BDS 2015	89%	7%	4%	0
BDS 2016	94%	4%	2%	0
MDS 2012	100 %	0	0	0
MDS 2013	67%	33 %	0	0
MDS 2014	100 %	0	0	0
MDS 2015	100 %	0	0	0
MDS 2016	100%	0	0	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise –

Deepak Wathore – MPH (USA)

Arjun Dangare – MPH (USA)

Ruplali Shinde – MPH (USA)

Satyanarayan Pandey – Defense Services

Ambika Narayan – Defense Services

Srilekha Borkar – ISB School of Business

35. Student progression to be filled

Student progression	Percentage against enrolled
UG to PG	5 students from the institute doing P.G in the Department of Oral and Maxillofacial Surgery
PG to M.Phil, DM / M Ch / DNB	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed • Campus selection • Other than campus recruitment	01 student from the institute joined the Department of Oral and maxillofacial surgery
Entrepreneurs	02

36. Diversity of staff

Percentage of faculty who are graduates	BDS	MDS
Of the same university	71.4 %	28.57%
From other universities within the State	28.57%	57.14 %
From universities from other States	-	14.28 %
From universities outside the country	-	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period : None

38. Present details of departmental infrastructural facilities with regard to

- Library : Departmental Library---TOTAL BOOKS 67
- Internet facilities for staff and students : Yes
- Total number of class rooms: 04, Seminar Room - 01
- Class rooms with ICT facility and 'smart' class rooms: 02
- Student laboratories: Nil
- Research laboratories: Nil

39. List of doctoral, post-doctoral students and Research Associates : Nil

- From the host institution/university
- From other institutions/universities

40. Number of post graduate students getting financial assistance from the university. :Nil

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

Yes, an extensive exercise was carried out for before development of PG Programmes in our department. The feasibility report was prepared and submitted.

42. Does the department obtain feedback from --

- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes
 - Departmental staff discussions
 - Regular feedback obtained from the staff and students
 - Feedback from Alumni, discussed in the departmental meetings.
 - Regarding the teaching program, then suggestions are sent to the University to make amendments in the curriculum, which would help to achieve overall development of the student concerning the subject.

- Teaching Learning Evaluation
- Feedback from students, Analysis of the feedback,
Accordingly measures are taken to improve teaching methodology.
- Teachers are trained through training programs.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Regular feedback is obtained from the students through Student Interaction Programs, Small group discussions, Assignments, interactions.

The feedback has been utilized to produce Student Support Activities

- for Slow Learners:
 - Remedial teaching
- For Rapid Learners:
 - Challenging them to higher intellectuals
 - Research/Projects
 - Composite module

c. alumni and employers on the programs offered and how does the department utilize the feedback?

Alumni of the institute are invited in the annual institutional functions and feedback obtained from them through discussions

The feedback aids the faculty to develop teaching programs which would enhance deeper knowledge of the subject as well as development of policies to augment competency of the student considering his/her future exposure to the society.

43. List the distinguished alumni of the department (maximum 10)

1. Dr. Vyankatesh Sahoo – Gold Medalist.
2. Dr. Priyanka Podutwar – Second Topper.
3. Dr. Satyanarayan Pandey – Defense Services.
4. Dr. Ankita Narayan- Defense Services.
5. Dr. Aushali Mahule – Topper.
6. Dr. Manish Tiwari – 3rd Topper.

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.—

Sr. No.	Contents	Date	Title	Guest Lecture	Funding
1.		2 Dec 2014	Workshop on Basic Research Methodology	Dr. Pravin Lambade	Institution

	Workshops conducted in year 2014	18 Nov 2014	CDE on Basic Life Support	Dr. Prakash	Institution
		1 Nov 2014	CDE on Orthognathic Surgery	Dr. Nitin Bhola	Institution
2.	Workshops conducted in year 2012	13 Nov 2012	Role of surgical pathologist in diagnosis of salivary gland lesion	Dr. Ravi R.(MD Pathologist)	Institution
		13 Oct 2012	Workshop on Basic Life Support Part-I	Dr. (Mrs) Preeti Kolarkar (MD Anesthesia)	Institution
3.	Workshops conducted in year 2011	12 Oct 2011	CDE OOO Ameloblastoma	Lecture delivered by interns	Institution

- Traffic Rules Awareness Program on 5.2.2015
- Workshop on Yoga on 21.6.2015
- Workshop on Bioethics on 31.7.2015. Hon'ble Prof Dr.Arun Jamkar, Vice Chancellor, Muhs Nashik
- Workshop on Antiragging on 20.01.2016 Hon'ble EC Member of DCI, Dr. Rahul Hegde
- Workshop on Yoga 22.06.2016
- Workshop on Antiragging on 20.02.2017 Hon'ble Dean, GDC Mumbai and Member, DCI, Dr. Mansing Pawar.

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. :

Under graduate student

- Power point Teaching
- Micro-teaching.
- SOP's.
- Tutorials.
- Seminars.
- Revision class
- Assignments
- Interactions

Post graduate student

- Case based discussion
- Chair side clinical discussion
- Seminars.

- Journal Clubs.

- Discussion

Audio-visual Aids,

Seminars/case presentations/Journal Clubs-Powerpoint presentation,

British Club Activity,

Demonstration of major and minor surgeries to students for conceptual building and higher learning

Didactic lectures and seminars

Illustrative and demonstrative teaching

Problem based learning

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

- Through regular Departmental Meetings
- Interdepartmental meetings,
- Conduct of regular Portion completion tests,
- Interactive teaching, microteaching and Student feedback

UG:

- Periodic Internal Assessment, feedback is collected after every lecture and at the end of the term.
- Post end exams at the end of the clinical posting to assess patient management skills.
- Projects undertaken on specific topics with specific learning objectives for better understanding of a subject.
- Spotter identification and description.
- Encourage them to participate and present papers in various conferences.
- Innovative teaching methods

PG:

- Article reading and journal club.
- Updated Logbook.
- Discussions, Seminars and Journal Clubs.

- In house residents on call in General Surgery and General Medicine where they participate in case evaluation and diagnosis, ward procedures, emergency management, record keeping, OT posting.
- Comprehensive treatment planning and execution under supervision of major surgical cases under GA and management of complications under supervision.
- Participation in camps for imparting surgical treatment at peripheral centres, screening for precancerous lesions, cleft and craniofacial deformities and other pathologies, counselling for oral disease prevention.
- Reflective learning, peer assisted learning, evidence based learning, problem based learning.
- Mock examination before final exams of MUHS.

47. Highlight the participation of students and faculty in extension activities.

- Senior lecturer from the department visits satellite clinics and extend their expertise to patients. Patients are also referred to college for specialized treatments.
- Students and staff actively participate in various extension activities through camps organized in collaborations with Public Health Dentistry department.

Sr.No.	Date	Activity	Staff/Student
1.	10.01.2016	Surabuldi Camp	Dr.ManuGoel
2.	19.01.2015	Dewlapar Camp	Dr.Sagar Naidu
3.	20.03.2015	Chaushala Amravati	Dr.Sagar Naidu
4.	19.10.2015	Pratap Nagar, Nagpur	Dr.Vijay Rode
5.	23.11.2015	Ramtek Camp	Dr.Vijay Rode
6.	16.01.2016	Rajendra Nagar	Dr.Vijay Rode
7.	8.10.2016	Rajabaksha Nagpur	Dr. Ankita Bhagat Dr.Vijay Rode
8.	17.10.2016	Navegaon Bandh	Dr. Krishna Kunawar

9.	7.11.2016	SaiMandir, Nagpur	Dr. Rahul Thanvi
10.	03.03.2017 – 05.03.2017	Spandan MUHS Nashik	Dr. Akshay Mishra

- Swachha Bharat Abhiyan- Dr. Manu Goel, Dr. Nitin Fating, Dr. Akshay Mishra.
- Inter and intra college cultural and sports activities.
- Regular Visits to peripheral Primary health Center. Dr. Nitin Fating
- Conduct street shows to spread awareness on health issues like use of tobacco, smoking, poor oral hygiene practices. Dr. Vijay Rode.
- Rural health care centre.: Dr. Nitin Fating
- Tree Plantation. Dr. M. K. Gupta, Dr. C. R. Bande, Dr. Ajit Joshi, Dr. Manu Goel, Dr. Nitin Fating, Dr. Akshay Mishra, Dr. Aishwarya Kadu. Dr. Mayur Gawande, Dr. Monica Mahajan, Dr. Zeeshan Asar, Dr. Vijay Rode, Dr. Sagar Naidu, Dr. Ankita Bhagat, Dr. Ashish Maheshkar, Dr. Rahul Thanvi, Dr. Krishna Kurawar.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Paper and poster presentations at Conferences and Annual Institutional functions
- Essay and Slogan competitions organized by the Department for students, on ‘Road Safety and use of Helmets for prevention of Maxillofacial Trauma’
- Conduction of Quiz competition by students
- Participation in SPANDAN 2017 MUHS
- Scientific sessions in festivals and conferences
- British Club activity
- Interaction Module.
- Students Interaction
- LLM (Local Language Marathi Club) Club
- Library Study Drive.

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

Recognized by DCI and affiliated to MUHS.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Through

- Innovative projects by departmental faculty and students
- Seminars and Journal clubs
- Case discussions
- Publications and research projects
- Paper presentations in conferences
- Library Study Project (18 hrs)
- Conduction of CDEs and Workshops.
- Interdepartmental Meeting.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths	1. Department having experienced faculty to operate major complicated and specialized surgeries in oral, maxillofacial, head and neck region. 2. Department has facilities for admission and round the clock monitoring of indoor patients. 3. Variety of cases available for training and teaching the students.
Weaknesses	1. No attached Medical College 2. Need of more advanced equipments and instruments 3. Absence of radiotherapy and chemotherapy facilities to offer comprehensive care to the growing population of oral cancer patients. 4. To improve tie ups with Government agencies and Corporate Sectors which could enable complete outreach of the Maxillofacial care facilities 5. Collaborations with international universities 6. No government funded projects
Opportunities	1. Advanced surgical Procedures 2. Attending various Conferences at National and International Levels. 3. Conduction of more CDE Programs and Workshops in our College for our Students and Students from other colleges. 4. Promoting higher research 5. Faculty Enrichment Programme. 6. To pursue PhD.
Challenges	1. To publish quality research papers in journals with high impact factor. 2. Getting grants for research projects from funding agencies 3. To compete with other Dental Institutions with medical colleges. 4. To develop Trauma, Microvascular and Cancer centres

	5. To provide the quality surgical expertise to our patients at affordable cost. 6. Orientation of teaching faculty for research

52. Future plans of the department.

- To set up Trauma centre
- To develop Oncosurgery and Reconstructive surgical centre
- To develop facilities for Orthognathic Surgery
- Orientation of teaching faculty for research
- Increased clinical material
- Published quality research papers in reputed National and International journals.
- To increase number of quality research projects of faculty and students.
- Application of newer Diagnostic Aids and instruments.

Evaluative Report of the Department

1. Name of the Department : Periodontology

2. Year of establishment: 2006 – UG (Third BDS : 2008)

2011 – PG

3. Is the Department part of a college/Faculty of the university?:

Yes, Department is a part of college and affiliated to MUHS, Nashik.

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) :

- UG – Bachelor of Dental Surgery (B.D.S)
- PG – Master of Dental Surgery (M.D.S)

5. Interdisciplinary programs and departments involved

Department of Periodontology collaborates with Oral Medicine, Oral Pathology, Conservative dentistry and Endodontics, Orthodontics, Oral Surgery, Pedodontics, and Prosthodontics for interdisciplinary programs.

Sr. No	Date	Topic Name	Student Participated	Involved Departments
1.	20-12-2011	Periodontitis associated with osteomalacia	Dr. Anand Wankhede	1. Periodontics 2. Oral Medicine 3. Oral Pathology
2.	23-1-2012	Interdisciplinary approaches in periodontology	Dr.Ashish Bisane Dr.Anurag Shendre	1. Periodontology 2. Endodontics 3. Prosthodontics
3.	18 -3-2015	Hemisection	Dr.Akhilesh Shewale Dr.Grishmi Niswade	1. Periodontology 2. Prosthodontics
4.	24-4-2015	Save a tooth	Dr. Akhilesh Shewale	1. Periodontology 2. Endodontics 3. Orthodontics
5.	21-7-2015	Ridge Augmentation	Dr. Akhilesh Shewale	1. Periodontology 2. Prosthodontics
6.	23-8-2015	Peripheral ossifying fibroma	Dr. Snehal Deotale	1. Periodontology 2. Pedodontics
7.	12-8-2015	Wilkodontics	Dr. Grishmi Niswade	1. Periodontology 2. Orthodontics

6. Courses in collaboration with other universities, industries, foreign institutions, etc. – None

7. Details of programs discontinued, if any, with reasons – Nil

8. Examination System:

- Under Graduates:- As given by MUHS, annual examination system for I,II,III BDS and semester system for IV BDS. Annual pattern will be followed for Final BDS from academic session 2017-18/Summer 2018 exam as per MUHS circular 07/2017 dated 20/1/2017.
- Post Graduates:- After satisfactory completion of 3 Years as per the standards set by DCI and MUHS Nashik.

9. Participation of the department in the courses offered by other departments--

NIL

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)--

	Required by DCI	Sanctioned	Actual and filled
Professor	1	1	1
Associate Professor/Reader	2	2	2
Lecturer	1	2	2
Tutor/Clinical Instructor	-	3	3

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	Research under guidance
Dr Deepti Gattani	MDS	Prof. and Head	Periodontology	15 year 2 Month	10
Dr Girish Bhutada	MDS	Reader	Periodontology	11 year 2 month	5
Dr Salman Ansari	MDS	Reader	Periodontology	6 year 10 Month	1
Dr Mitul Mishra	MDS	Lecturer	Periodontology	5 year 1 month	-
Dr Anand Wankhede	MDS	Tutor	Periodontology	2 year 5 Month	-
Dr Grishmi Niswade	MDS	Lecturer	Periodontology	5 Month	-

Name	Qualification	Designation	Specialization	No. of Years of Experience	Research under guidance
Dr Akhilesh Shewale	MDS	Tutor	Periodontology	2 Month	-
Dr Harshal Thakre	BDS	Tutor	-	7 year	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Visits of senior faculty from various disciplines are regularly arranged by the Institute as well as the department through various interaction programs with students, conducting exams, inspections, synopsis presentation before Institutional Ethical committee, guest lectures, orientation programs etc.

13. Percentage of classes taken by temporary faculty – program-wise information:

Nil

14. Program-wise Student Teacher Ratio:

Under-graduate- 15:1,

Post-graduate: 1:1 (per year)

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual—3

Support staff	Sanctioned	Filled	Actual
Sister	1	1	1
Peon	1	1	1
Attendant	1	1	1

16. Research thrust areas as recognized by major funding agencies—

- Stem cell therapy
- Periodontal Diagnosis
- Periodontal regeneration
- Tissue engineering
- Implants

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise-

Sr.No	Topic Name	Faculty	Funding Agency
1	Effect of tobacco kharra on gingival and periodontal status in Dental OPD patients	Dr. Deepti Gattani Dr. Girish Bhutada Dr. Mitul Mishra	Institution
2	Comparative evaluation of healing by LASER, Scalpel and Electrocautery in the II stage Implant Surgery	Dr. Girish Bhutada Dr. Mitul Mishra	Institution
3	Coronally displaced Flap	Dr. Anand Wankhede	Institution
4	Comparative evaluation of tissue response of 2 types of sutures after Periodontal flap Surgery: A clinical and Histological Study.	Dr. Deepti Gattani Dr. Mitul Mishra	Institution
5	Periodontal Health status in urban and rural Nagpur: A comparative evaluation.	Dr. Deepti Gattani Dr. Mitul Mishra	Institution
6	Non-invasive treatment of papillary deficiency using hyaluronic acid gel.	Dr. Deepti Gattani	Institution
7	Prevalence of gingivitis among children: an urban population.	Dr. Grishmi Niswade	Institution

18. Inter-institutional collaborative projects and associated grants received :

a) National collaboration

Sr. No	Name of student	Topic	In collaboration with
1	Dr. Archana Nainani	Comparative evaluation of calcium phosphate ratio and root surface characteristics with Hard Tissue LASER, Piezoelectric (Ultrasonic), and Hand instruments: An in vitro study using Scanning Electron Microscope and Energy Dispersive X-Ray.	IIT, Powai
2	Dr. Preeti Jayaraman	Influence of Implant Design and Bone Quality on Stress/Strain Distribution in Bone Around Implants: A 3-dimensional Finite Element Analysis.	Institute of Science, Bangalore
3	Dr. Komaldeep Ghotra	Estimation of Osteopontin levels in plasma in subjects with healthy periodontium and generalized	NEERI, Nagpur.

		chronic periodontitis and its assessment after scaling and root planning.	
4	Dr. Grishmi Niswade	Common carotid and brachial artery hemodynamic alterations in periodontal disease and estimation of CRP levels.	Government Medical College, Nagpur
		Periodontal changes in patients undergoing head and neck radiation therapy- a clinical study.	Government Medical College, Nagpur
5	Dr. Akhilesh Shewale	Comparative evaluation of Diode laser with 2% sodium chloride gel, Iontophoresis with 2% sodium fluoride gel and dentine bonding agent containing gluteraldehyde in the treatment of hypersensitivity following flap surgery. A clinical and SEM study.	VNIT, Nagpur
6	Dr. Bhagyashri Gudadhe	Assessment of relationship between bone mineral density and chronic periodontitis in postmenopausal women	Dexscan Center, Nagpur
7	Dr. Sneha Meshram	Assessment of periodontal health status and its association with related variables. An epidemiological study.	Nagpur Municipal Corporation, Nagpur

No Grants Received

b) International collaboration : Nil

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. :

Yes we have received one grant.

- Dr. Neelima Bhoyar- Infection control: the knowledge and compliance amongst under-graduate student. - 25000/- by MUHS Nashik

20. Research facility / center with

- State recognition – NA
- National recognition -YES I4C(Inter Institutional inclusive Innovation Center)
- International recognition – NA

21. Special research laboratories sponsored by / created by industry or corporate bodies: NA

22. Publications:

- Number of papers published in peer reviewed journals (national / international)
- Number of Publications by faculty (Total-83)
- (Last 5 years- 110)

Sr. No	Department	Total	Last 5 years
1.	Dr. Deepti Gattani	42	34
2.	Dr. Girish Bhutada	13	13
3.	Dr. Salman Ansari	16	15
4.	Dr. Mitul Mishra	12	11
5.	Dr. Anand Wankhede	6	6
6.	Dr. Grishmi Niswade	10	10
7.	Dr. Akhilesh Shewale	23	23

- **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, EBSCO host, Google scholar, etc.)-** 83

- **Citation Index – range / average-** 0 to 54
- **Impact Factor – range / average –** 0 to 6.26
- **Source Normalized Impact per Paper (SNIP) –** 0.66 to 0.78
- **SCImago Journal Rank (SJR)-** 0.24 to 0.29
- **h-index –** 0 to 9
- **Monograph-**0
- **Chapters in Book-**0
- **Books edited-**0
- **Books with ISBN with details of publishers**

Title of the book- Scaffolds in Regenerative Periodontal Therapy

Author- Dr. Mitul Kumar Mishra ISBN number- 978-3-330-04534-7

Publisher- LAP Lambert Academic Publishing

23. Details of patents and income generated:None

24. Areas of consultancy and income generated:

- Staff members and students actively participate in dental check-up and treatment camps organized by the institute, where consultation and treatment is provided free of cost.
- One staff member from the department is deputed to visit Satellite Clinics. Patients are referred to department for advanced treatment.
- Patients referred from the camps and satellite clinics are offered treatment at concessional rates.

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad –

- Dr. Anand Wankhede – One week Hands-On Workshop On Human/ Cancer Cell Culture Techniques and MTT Assay at International Centre for Stem Cells, Cancer and Biotechnology, Pune, India

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify)

1. Dr. Deepti Gattani
 - a. Life Member of Indian Society of Periodontology
 - b. Life Member of Indian Dental Association
2. Dr. Girish Bhutada
 - a. Secretary, Indian Dental Association, Nagpur Branch.
 - b. Life Member of Indian Society of Periodontology
 - c. Life Member of Indian Dental Association
 - d. Executive Committee Member, Indian Society of Periodontology
3. Dr. Salman Ansari
 - a. Life Member of Indian Society of Periodontology
 - b. Member of Indian Dental Association
 - c. Reviewer at JCDR
4. Dr. Mitul Mishra :
 - a. Life Member of Indian Society of Periodontology
 - b. Executive committee Member, Indian Dental Association, Nagpur Branch.
 - c. Reviewer at Lawrence Press
 - d. Member of Indian Dental Association

5. Dr. Anand N. Wankhede
 - a. Executive committee Member, Indian Dental Association, Nagpur Branch.
 - b. Life Member of Indian Society of Periodontology
 - c. Life Member of Indian Society of Human Genetics.
 - d. Life member of Indian society of cell biology
 - e. Member of Indian Dental Association
 - f. Editor, Dental Probe Journal, Nagpur Indian Dental Association
6. Dr. Grishmi Niswade
 - a) Life Member of Indian Dental Association
 - b) Life member of Indian Society of Periodontology
7. Dr. Akhilesh Shewale
 - a. Life member of Indian Society of Periodontology

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

SR. NO	NAME OF FACULTY	NAME OF CONFERENCE/WORKSHOP	PLACE	DATE
1.	Dr. Deepti Gattani	Nidacon 2013	Nagpur	January 2013
		Nidacon 2014	Nagpur	January 2014
		Nidacon 2015	Nagpur	January 2015
		40th ISP National Conference	Hyderabad	October 2015
		Nidacon 2016	Nagpur	January 2016
		41 st ISP Conference	Nagpur	October 2016
		Nidacon 2017	Nagpur	January 2017
		Implacon	Nagpur	January 2017
2	Dr. Girish Bhutada	37 th ISP National Conference	Shimla	November 2012
		Indian dental association National Conference	Pune	February 2013
		39th National Conference of Indian Society of Periodontology	Jaipur	October 2014
		FDI Conference	Delhi	September 2014
		FDI Conference	Bangkok,	September 2015

			Thailand	
		40th ISP National Conference	Hyderabad	October 2015
		WCOI Implant Conference	Delhi	October 2016
		41 st ISP Conference	Nagpur	October 2016
		Nidacon 2012	Nagpur	January 2012
		Nidacon 2013	Nagpur	January 2013
		Nidacon 2014	Nagpur	January 2014
		Nidacon 2015	Nagpur	January 2015
		Nidacon 2016	Nagpur	January 2016
		Nidacon 2017	Nagpur	January 2017
		Indian dental association National Conference	Mumbai	February 2017
		International Dental Show, Cologne	Germany	March 2017
3	Dr. Salman Ansari	41 st ISP Conference	Nagpur	October 2016
		39th National Conference of Indian Society of Periodontology	Jaipur	October 2014
		Nidacon 2013	Nagpur	January 2013
		Nidacon 2014	Nagpur	January 2014
		Nidacon 2015	Nagpur	January 2015
		Nidacon 2016	Nagpur	January 2016
		Nidacon 2017	Nagpur	January 2017
4	Dr. Mitul Mishra	Nidacon 2015	Nagpur	January 2015
		Nidacon 2016	Nagpur	March 2016
		41 st Indian Society of Periodontology Conference, Nagpur	Nagpur	October 2016
		Nidacon 2017	Nagpur	January 2017
5	Dr. Anand Wankhede	41 st ISP Conference	Nagpur	October 2016
		62th Indian Dental Conference	Nagpur	2009
		10 th Indian society of Periodontology workshop	Chennai	2011
		36 th National Conference Of	Ahmedabad	October 2011

		Indian Society Of Periodontology		
		11 th Indian Society of Periodontology PG Convention	Lucknow	March 2012
		37 th National Conference of Indian Society Of Periodontology	Shimla	October 2012
		12 th Indian Society of Periodontology PG Convention	Greater Noida (U.P)	March 2013
		9 th National Research Scholars Meet in Life Sciences	Mumbai	2013
6	Dr. Grishmi Niswade	38th ISP National Conference	Kochi	October 2013
		13 th ISP Post Graduate convention	Mangalore	March 2014
		39th National Conference of Indian Society of Periodontology	Jaipur	October 2014
		14 th ISP PG convention	Mumbai	March 2015
		40th ISP National Conference	Hyderabad	October 2015
		41 st ISP Conference	Nagpur	October 2016
		Nidacon 2014	Nagpur	January 2014
		Nidacon 2015	Nagpur	January 2015
		Central India Symposium on Aggressive Periodontitis- a clinical and research avenue.	GDC, Nagpur	October 2014
		Scientific Poster Competition	Sawangi, Wardha	2014
		Pedo-Perio Conference	VSPM Dental college, Nagpur	October 2015
		IMPLACON	Nagpur	January 2017
7	Dr. Akhilesh Shewale	38th ISP National Conference	Kochi	October 2013
		13 th ISP Post Graduate convention	Mangalore	March 2014
		39th National Conference of Indian Society of Periodontology	Jaipur	October 2014

	14 th ISP PG convention	Mumbai	March 2015
	1 st Nepalese Society of Periodontology and Implantology	Dhulikel, Nepal	March 2015
	40th ISP National Conference	Hyderabad	October 2015
	41 st ISP Conference	Nagpur	October 2016
	Nidacon 2014	Nagpur	January 2014
	Nidacon 2015	Nagpur	January 2015
	Central India Symposium on Aggressive Periodontitis- a clinical and research avenue.	GDC, Nagpur	October 2014
	Scientific Poster Competition	Sawangi, Wardha	2014
	Pedo-Perio Conference	VSPM Dental college, Nagpur	October 2015
	ISP PG Convention	Manali	2017

28. Student projects -to be filled

- percentage of students who have taken up-in-house projects including inter-departmental projects

Theses (40%)

Sr. No.	Name of Student	Details of Project
1	Dr. Swapnil Borkar	Postoperative evaluation of vertical bone loss after placement of immediate and delayed implants.
2	Dr. Akhilesh Shewale	Comparative evaluation of Diode laser with 2% sodium chloride gel, Iontophoresis with 2% sodium fluoride gel and dentine bonding agent containing glutaraldehyde in the treatment of hypersensitivity following flap surgery. A clinical and SEM study.
3	Dr. Grishmi Niswade	Common carotid and brachial artery, hemodynamic alterations in periodontal disease and estimation of C reactive protein levels.
4	Dr. Sakshi Dubey	Assessment of Digital Volumetric Tomography as a prognostic tool compared to intrasurgical measurements for the treatment of angular bony defects

5	Dr. Snehal Deotale	Effectiveness of Photo activated disinfection using Indocyanine green dye and diode laser as an adjunct to open flap debridement versus open flap debridement alone in the management of chronic periodontitis
6	Dr. Vaishakhi Baisane	Comparative evaluation of serum anticardiolipinIgG and IgM levels following surgical and nonsurgical periodontal therapy in chronic periodontitis patients
7	Dr. Bhagyashri Gudadhe	Assessment of relationship between bone mineral density and chronic periodontitis in postmenopausal women
8	Dr. Somya Maheshwari	Patient related outcome of immediate provisionalisation of implant in post extraction sites and healed ridges- a clinicoradiographic study.
9	Dr. Sneha Meshram	Assessment of periodontal health status and its association with related variables. An epidemiological study.
10	Dr. Sumit Shende	Comparative evaluation of flap versus flapless procedure in extraction socket preservation: a clinicoradiographic study.
11	Dr. Shweta Patnaik	Comparative evaluation of DFDBA with a bovine derived xenograft in the management of human periodontal intrabony defects- a clinic radiographic study.
12	Dr. Geitika Soni	Comparative evaluation of bone density values derived from CBCT and implant stability parameters in posterior mandible using Penguin RFA.

Other than theses (60%)

Sr. No.	Name of Student	Details of Project
1	Dr. Archana Nainani	Surgical crown lengthening: evaluation of Biologic Width – long Term Follow-up (5yr Study)
2	Dr. Sakshi Dubey Dr. Snehal Deotale	Periodontal Health Status of individuals consuming tobacco in different forms: An Epidemiological Study
3	Dr. Anand Wankhede	Incidence of maxillary septum in edentulous area by CBCT Analysis
4	Dr. Grishmi Niswade	Periodontal changes in patients undergoing head and neck radiation therapy – a clinical study
5	Dr. Akhilesh Shewale	Smear layer efficacy of root canal irrigants containing chlorehexidine and EDTA on periodontally affected root surface – An in vitro study.

6	Dr. Akhilesh Shewale	Reliability of intraoral periapical radiograph in occlusal projection for evaluating pre implant surgical site evaluation – A clinical study.
7	Dr. Grishmi Niswade	Hematological features in patients with chronic periodontitis – A clinical study
8	Dr. Snehal Deotale	Evaluation of hemodynamic and oxygen saturation variability during different stages of open flap debridement in the management of chronic periodontitis.
9	Dr. Sakshi Dubey	Factors affecting the treatment planning opinions of compromised maxillary anterior teeth.
10	Dr. Swapnil Borkar	Effect of smoking on salivary composition and periodontal status.
11	Dr. Bhagyashri Gudadhe	Comparative evaluation of serum protein profile for rheumatoid arthritis factor in patients with chronic periodontitis and healthy periodontium
12	Dr. Bhagyashri Gudadhe	Correlation of oral hygiene habits and etiologic factors related to self-perception of halitosis in dental OPD patients
13	Dr. Somya Maheshwari	Evaluate the relation between the distance from the contact point to the crest of the bone and the interproximal papilla adjacent to a single tooth implant.
14	Dr. Sneha Meshram	Assessment of personality traits influence on oral hygiene performance and gingival health
15	Dr. Sneha Meshram	Assessment of alveolar nerve canal position and accessory mental foramen using CBCT to overcome surgical complication.
16	Dr. Shweta Patnaik	Conventional versus dental loupes assisted non-surgical periodontal therapy.
17	Dr. Geitika Soni	Periodontal probing versus radiographs for the diagnosis of furcation involvement.
18	Dr. Geitika Soni	Association of ABO blood group and Rh typing with periodontal diseases- a cross sectional study.

29. Awards / recognitions received at the national and international level by

- Faculty:**

Dr. Girish Bhutada- 2nd prize as Secretary of Local branch, Nagpur, for all round activity by Indian Dental Association National body in February 2017.

Dr. Salman Ansari – First Prize in Paper Presentation by Esthetic Academy of India on 4th September 2014 on “Soft tissue procedures”.

- Doctoral / post-doctoral fellows**

• **Students :**

Year	Name	Post-graduates Achievements
2011	Dr. Anand N. Wankhede	- Profile of the month From Indian Dental Association (National Level) - Win the consolation prize for paper presentation at ISP PG convention at Lucknow
2012	Dr. Anand N. Wankhede	First prize for paper presentation at NIDACON-2012
2013	Dr. Anurag Shendre	Win the consolation prize for paper presentation at ISP PG convention at Greater Noida
	Dr. Ashish Bisane	- First prize for paper presentation at SHODH-2013. - Second prize for paper presentation at NIDACON-2013
	Dr. Preeti Jayaraman	Second prize for poster presentation at NIDACON-2013
	Dr. Komaldeep Ghotra	First prize for poster presentation at NIDACON-2013
2014	Dr. Archana Nainani	Second prize for paper presentation at NIDACON-2014
	Dr. Grishmi Niswade	First prize for paper presentation at central India symposium at GDC, Nagpur.
	Dr. Snehal Deotale	Win the consolation prize for poster at central India symposium at GDC, Nagpur.
	Dr. Preeti Jayaraman, Dr. Akhilesh Shewale, Dr. Sakshi Dubey	Second prize in table top clinic at 39th ISP conference at Jaipur.
2015	- Dr. Grishmi Niswade - Dr. Vaishakhi Baisane - Dr. Swapnil Borkar	- Prize for Best Scientific poster presentation by IDA Nagpur - Constellation prize at NIDACON-2015 for poster presentation. - Prize for Best Scientific paper presentation by IDA Nagpur
2016	Dr. Sakshi Dubey	I Prize in Paper Presentation at NIDACON 2016

	Dr. Snehal Deotale	II Prize in Poster Presentation at NIDACON 2016
2017	Dr. Shweta Patnaik	First Prize in Paper Presentation at NIDACON 2017

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any –

Sr. No.	Program Organized	Source of funding
1.	CDE on PERIO EXPLORE for PG Students	Institution and Colgate India Private Limited Registration
2.	CDE on Healthy Smile for UG Students	Institution and Colgate India Private Limited
3.	Webinar conducted by Dr. Kumarswamy on Implants	Colgate India Private Limited
4.	CDE on Sinus Lift and CBCT by Dr. Prasad Joshi	Registration
5.	Occlusion in Natural Dentition- Perio Perspective by Dr. MoezKhakiani	Registration

31. Code of ethics for research followed by the departments :

Yes, the institute has a functional Institutional Ethical Committee. The core value of ethics is engrained in the student's minds during their training by means of regular classes as well as guest lectures and CDE programs.

32. Student profile program-wise:

Selection procedure is done by the AMUPMDC/ NEET/ MH-CET and the data related is available with the competent authority.

33. Diversity of students-

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BDS 2012	84%	15%	1%	0%
BDS 2013	90%	10%	0%	0%
BDS 2014	95%	2%	3%	0%
BDS 2015	89%	7%	4%	0%

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BDS 2016	94%	4%	2%	0%
MDS 2011	100%	0%	0%	0%
MDS 2012	0%	66.66%	33.33%	0%
MDS 2013	66.66%	0%	33.33%	0%
MDS 2014	100%	0%	0%	0%
MDS 2015	66.66%	0%	33.33%	0%
MDS 2016	100%	0%	0%	0%

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise–

Sr. No	Name of student	Examinations cleared
1.	Dr. Satyanarayan Pande	Army Dental Corps Services
2.	Dr. Ambika Narayan	Army Dental Corps Services
3.	Dr. Deepak Wathore	DDS, USA
4.	Dr. Arjun Dangare	DDS, USA
5.	Dr. Srilekha Borkar	Selected in ISB (International School of Business)

35. Student progression to be filled

Student progression	Percentage against enrolled
UG to PG	3 students from the institute doing P.G in the Department of Periodontology
PG to M.Phil, DM / M Ch / DNB	-
PG to Ph.D.	1 Student
Ph.D. to Post-Doctoral	-
Employed - Campus selection - Other than campus recruitment	-

Student progression	Percentage against enrolled
Entrepreneurs	-

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	4 (57.1%)
from other universities within the State	2 (28.5%)
from universities from other States	1 (14.2%)
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period:None

38. Present details of departmental infrastructural facilities with regard to

a) Library:

Number of books- 48

Number of Seminars, JCs- 60

Number of thesis- 12

Number of LDs- 18

b) Internet facilities for staff and students: Yes

c) Total number of class rooms: 04

d) Class rooms with ICT facility and 'smart' class rooms: 02

e) Students' laboratories: 01 Physiology

f) Research laboratories: 02 (Biochemistry + Micro)

39. List of doctoral, post-doctoral students and Research Associates :

a) From the host institution/university

b) From other institutions/universities - Dr. Anand Wankhede is pursuing PhD at Datta Meghe institute of medical sciences, Wardha.

40. Number of post graduate students getting financial assistance from the university. :None

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. :

Yes, an extensive exercise was carried out before development of PG program in our department. The feasibility report for the same was prepared and submitted.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, the feedback on curriculum is taken through departmental meetings, interactive sessions, videos, photos, power point presentations of cases, surgical demonstrations to make teaching learning more effective which is then analyzed and sent for curricular revision.

- Departmental staff discussions
- Regular feedback obtained from the staff and students
- Feedback from Alumni, discussed in the departmental meetings.
- Regarding the teaching program, then suggestions are sent to the University to make amendments in the curriculum, which would help to achieve overall development of the student concerning the subject.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Feedback forms are obtained from students and faculty through Interaction module and Small group discussions for teaching learning evaluation. Feedback forms are analyzed and accordingly measures are taken to improve teaching methodology.

The feedback has been utilized to produce Student Support Activities

- For Potential Learners:
 - Remedial teaching
- For Rapid Learners:
 - Challenging them to higher intellectuals
 - Research/Projects

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

- Alumni of the institute are invited in the annual institutional functions and feedback obtained from them through discussions
- The feedback aids the faculty to develop teaching programs which would enhance deeper knowledge of the subject as well as development of policies to augment competency of the student considering his/her future exposure to the society.

43. List the distinguished alumni of the department (maximum 10)

Sr. no.	Name of Alumni	Current Workplace
1	Dr. Anand Wankhede	Senior lecturer at Swargiya Dadasaheb Kalmegh Smruti Dental college and hospital, Nagpur
2	Dr. Ashish Bisane	Started his own private practice at Nagpur
3	Dr. Anurag Shendre	Started his own private practice and consultation and started implant programs
4	Dr. Preeti Jayaraman	Started her own private practice at Jaipur
5	Dr. Archana Nainani	Attached to college at Bahrain
6	Dr. Komaldeep Ghotra	Attached to a clinic in Nagpur
7	Dr. Swapnil Borkar	Started his own private practice at Nagpur
8	Dr. Grishmi Niswade	Senior lecturer at Swargiya Dadasaheb Kalmegh Smruti Dental college and hospital, Nagpur
9	Dr. Akhilesh Shewale	Senior lecturer at Swargiya Dadasaheb Kalmegh Smruti Dental college and hospital, Nagpur

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.—

Sr. No.	Program Organized	External Experts
1.	CDE on PERIO EXPLORE for PG Students	Dr. Somnath
2.	Webinar conducted on Implants	Dr. Kumarswamy
3.	CDE on Sinus Lift and CBCT	Dr. Prasad Joshi Dr. Nakul Rathi
4.	Occlusion in Natural Dentition- Perio Perspective	Dr. Moez Khakiani

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. :

BDS

- Didactic lectures
- Illustrative and demonstrative teaching (Psychomotor skill development)

- Table top demonstrations
- Micro-teaching through group discussions
- Interaction Program
- Problem based learning
- Seminars
- PPT presentations by unitization of completed topics
- SOP on clinical procedures including sterilization, waste disposal
- Communication skills development through British Club
- Tutorials
- Revision and Remedial classes
- MDS
- Case discussions (case history and Clinical Examination, diagnosis and Treatment plan)
- Observation in clinics
- Illustrative and demonstrative teaching (Psychomotor skill development)
- Demonstration on patients, table top demonstrations
- Assisting staff during clinical procedures
- Chair side clinical discussions
- Seminars
- Journal Clubs
- CDE programs, workshops and Conferences
- Paper and poster presentations
- Internet databases
- Camps

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

- BDS
 - Feedback after every topic
 - Part Completion Test
 - Conducting Internal Assessment examination
 - Posting end viva
 - Conducting seminars to evaluate
 - Interaction module
 - Formative evaluation by giving multiple choice questions
 - Through regular Departmental Meetings
 - Student Feedback

- MDS
 - Exams at the departmental level
 - Logbook
 - Seminars and journal club presentation
 - Preliminary examination (Theory and Practical) prior to Final MDS examination
 - Monthly progress report
 - Case presentations and surgeries

47. Highlight the participation of students and faculty in extension activities through organization of Specialty camps, rallies.

S. No	Date	Place	Staff/Student
1.	1.5.2011	Panjabrao Deshmukh medical college, Amravati	Dr. Salman Ansari
2.	18.2.2013	Mohpa, Kalmeshwar	Dr. Mitul Mishra
3.	20/04/2013	Specialty Camp at SHIVA	Dr. Arshad Sayed Dr. Gattani Dr. Bhutada Dr. Ansari Dr. Mitul Mishra
4.	10/11/13	Diagnostic and treatment Camp at Indora	Dr. Mitul Mishra Dr. Swapnil Borkar
5.	7.12.2013	Khadka(Talegaon)	Dr. Akhilesh Shewale
6.	29.12.2013	Daryapur	Dr. Swapnil Borkar
7.	28/4/14	Diagnostic Camp At SaiMandir	Dr. Grishmi Niswade
8.	11.6.2014	Airport, Nagpur	Dr. Gattani Dr. Akhilesh Shewale
7.	4/6/2014	Somalwada School, Nagpur	Dr. Swapnil Borkar
8.	17/6/2014	Daryapur	Dr. Akhilesh Shewale
9.	24/6/2014	Ramtek	Dr. Grishmi Niswade
10.	4/7/2014	Hingna PHC	Dr. Grishmi Niswade
11.	6/8/2014	Koradi	Dr. Swapnil Borkar
12.	9/9/2014	Pix Company Hingna , Nagpur	Dr. Snehal Deotale
13.	18/9/2014	Pix Company Hingna , Nagpur	Dr. Akhilesh Shewale
14.	24/9/2014	Medical Boys Hostel, Nagpur	Dr. Sakshi Dubey
15.	9/10/2014	Daryapur	Dr. Swapnil Borker
16.	16/10/2014	Gondkheri, Nagpur	Dr. Vaishakhi Baisane

17.	21/10/2014	Pix Company Hingna, Nagpur	Dr. Grishmi Niswade
18.	11/11/2014	Pix Company Hingna, Nagpur	Dr. Sakshi Dubey
19.	12/12/2014	Somalwada School, Nagpur	Dr. Swapnil Borkar
20.	17/12/2014	Ramtek	Dr. Snehal Deotale
21.	23/12/2014	Pix Company Hingna, Nagpur	Dr. Vaishakhi Baisane
22.	14/10/2015	Near St. Xavier School, Hingna, Nagpur	Dr. Sneha Meshram
23.	14/11/2015	SaiMandir , Nagpur	Dr. Bhagyashree Gudhde
24.	23/11/2015	Hingna, Nagpur	Dr. Somya Maheshwari
25.	17/10/2016	Navegaon Bandh	Dr. Shweta Patnaik
26.	08/10/2016	Medical square	Dr. Sumit Shende
27.	7/11/2016	SaiMandir, Wardha road	Dr. Grishmi Niswade, Dr. Geitika Soni, Dr. Sneha Meshram
28.	12/01/2017	Wanadongri	Dr. Sumit Shende
29.	2/03/2017	SPANDAN (MUHS), Nagpur	Dr. Grishmi Niswade

48. Give details of “beyond syllabus scholarly activities” of the department.

1. British Club Activity –

ESTABLISHED SINCE: 1st May 2008 by Honorable President Sir, Shri. Sharadji Kalmegh

STRUCTURAL AND FUNCTIONAL FEATURES:

TEACHER IN-CHARGE:

Dr. Mrs. Deepti Gattani (HOD, Department of Periodontology)

The British Club activity sessions are comprised of:

- Group discussions
- Games
- Quiz competitions
- Debate
- Extempore elocution competitions
- Lectures conducted by noted Public speakers
- Activities on Personality development

The sessions improve language of students coming from the vernacular medium.

- Improves – i) Vocabulary
- ii) Presentation skills
- iii) Self-confidence

➤ Helps in preparation for competitive exams and vocational courses.

2. Conduction of Quiz competition by students
3. Students Interaction
4. Paper and poster presentations at Conferences and Annual Institutional functions
5. Local Language Marathi club
6. Research projects- Ongoing by faculty- 5
Ongoing by students- 15

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. :

Recognized by DCI and affiliated to MUHS, Nashik.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Paper Presentations
- Library Study drive (18 hours)
- CDE Programs
- Journal Clubs
- Seminars
- Short Term Projects
- Dissertations
- Case Discussions

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths	1. Discipline and Punctuality 2. Skilled and Experienced Faculty 3. Unity 4. OPD 5. Availability of Equipment's
Weaknesses	1. Library needs to be updated 2. Interdepartmental Patient treatment time should be reduced.
Opportunities	1. Advanced surgical Procedures 2. Attending various Conferences at National and International Levels.

	3. Conduction of more CDE Programs and Workshops for Students
Challenges	1. Need to incorporate more research amongst daily clinical activity 2. Use of Latest Equipment's.

52. Future plans of the department.

- To develop cost effective treatment for the patients
- To achieve academic excellence.
- New models, flowcharts and posters to be introduced as self-learning materials.
- Training to be imparted to Post graduates regarding use of new diagnostic aids such as CBCT and newer software.

Evaluative Report of the Department

1. Name of the Department: Pedodontics and Preventive dentistry.

2. Year of establishment:

UG-2006 (Third BDS : 2008)

PG- 2013

3. Is the Department part of a college/Faculty of the university?:

Yes, Department is a part of college and affiliated to MUHS, Nashik.

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Superspecialty fellowship., etc.):

U G - Bachelor of Dental Surgery (BDS)

P G - Master of Dental Surgery (MDS)

5. Interdisciplinary programs and departments involved:

The Department of Pedodontics and Preventive Dentistry collaborated with the Conservative and Endodontic, Orthodontics and Periodontics for Interdisciplinary programs.

S No	Date	Topic	Dept involved	Student Participant
1	20-4-15	Twin block- Case report and Review	Pedodontics and Orthodontics	Dr. Manisha Chandwani
2	3-7-15	Activator- Case report and Review	Pedodontics and Orthodontics	Dr. Shweta Bhayade
3	7-8-15	Tongue thrusting habit- Case report and Review	Pedodontics and Orthodontics	Dr. Manisha Chandwani
4	30-09-15	Management of non vital teeth with open apex- Case report and Review	Pedodontics and Endodontics	Dr. Shweta Bhayade
5	14-10-15	Gingival enlargement and peripheral ossifying fibroma- Case report and Review	Pedodontics and Periodontics	Dr. Manisha Chandwani

6. Courses in collaboration with other universities, industries, foreign institutions, etc.:

None

7. Details of programs discontinued, if any, with reasons:

NIL

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System Under Graduates-

As give by MUHS, Annual examination system for Ist, IInd, IIIrd

BDS and Semester system for IV BDS. Annual pattern would be followed for Final BDS from academic Session 2017-18/ Summer 2018 examination as per MUHS Circular 07/2017 dated 20/01/2017.

Post Graduates- Satisfactory completion of 3 years as per standards set by Dental Council of India and MUHS, Nashik.

9. Participation of the department in the courses offered by other departments

Yes, the student and the faculty participate in the CDE programmes and workshops

Year	Date	Topic	Other Department Involved
2013	05/09/2013	Oral Precancer – Problems and solutions at SDKSDCH, Nagpur	Oral Medicine and Radiology
2014	10/03/2014	Complimentary of Alternative medicine at SDKSDCH, Nagpur	General Medicine
	10/11/2014	Contemporary Clinical Oral Microbiology and Laboratory Diagnosis at SDKSDCH, Nagpur	Oral Medicine and Radiology
	02/12/2014	Minimally Invasive Endodontics. The Self Adjusting File as a paradigm shift in endodontic instrumentation	Conservative and Endodontics
2015	09/12/2015	Lasers in Oral Mucosal lesions at SDKSDCH, Nagpur	Oral Medicine and Radiology

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors/others) Sanctioned Filled Actual (including CAS andMPS) Professor Associate Professor/Reader Assistant Professor Lecturer Tutor /Clinical Instructor Senior

	Required by DCI	Sanctioned	Filled and Actual
Professor and HOD	1	1	1
Associate Professor/Reader	2	2	2

Assistant Professor	0	0	0
Lecturer	1	3	3
Tutor	0	0	0

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance
Name Qualification Designation specialization-No. of Years of Experience

Name	Qualifications	Designation	Specialization	No of years of experience	Research under Guidance
Dr Rakesh Mittal	BDS, MDS	Prof and HOD	Pedodontics and Preventive Dentistry	21 year	8
Dr Shweta Chandak	BDS, MDS	Reader	Pedodontics and Preventive Dentistry	8 year 9 month	4
Dr Arunkumar B. Sajjanar	BDS, MDS	Reader	Pedodontics and Preventive Dentistry	7 year 4 month	-
Dr Suryakant kumar	BDS, MDS	Senior lecturer	Pedodontics and Preventive Dentistry	4 year 5 month	-
Dr. Ashish. Bhondey	BDS, MDS	Senior lecturer	Pedodontics and Preventive Dentistry	3 year 1 month	-
Dr. Pankaj Chavhan	BDS, MDS	Senior lecturer	Pedodontics and Preventive Dentistry	3 month	-

12. List of senior Visiting Fellows, adjunct faculty, emiratus professors.

Visits of senior faculty from various disciplines are regularly arranged by the Institute as well as department through various interaction programs with students like conduct of exams, inspections, synopsis presentation before Ethical committee, guest lectures, orientation programs etc.

13. Percentage of classes taken by temporary faculty – program-wise information.-

NIL

14. Program-wise Student Teacher Ratio

Program	Student Teacher Ratio
BDS	15:1
MDS	1:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual-

Support Staff	Sanctioned	Filled	Actual
Technical	03	03	03
Non technical	01	01	01
Administrative	01	01	01

16. Research thrust areas as recognized by major funding agencies.

- Microscopic Pediatric Dentistry
- Preventive Pediatric Dentistry
- Herbal dentistry
- Behavior management- revisited
- Microbiology in Pediatric Dentistry
- Regenerative Endodontics

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

S No	Title of Project	Name of Investigators	Funding Agencies
1	Co-relation between oral health awareness and oral health status among parents and their children in Nagpur city	Dr. Rakesh Mittal (Prof and HOD) Dr. Arunkumar B. Sajjanar (Reader)	Institutional Funded
2	Dental Fear and probable coping mechanism of children in a dental setting	Dr. Shweta Chandak (Reader) Dr. Ashish Bhondey (Sr Lecturer)	Institutional Funded
3	Oral Health behaviors and Oral disease perceptions in children: a cross sectional study	Dr. Shweta Chandak (Reader)	Institutional Funded

4	Prevalence of tooth anomalies in Deciduous and Permanent dentition in rural population of Nagpur	Dr. Shweta Chandak (Reader) Dr. Ashish Bhondey (Sr Lecturer)	Institutional Funded
5	Comparison of treatment time for Pediatric Endodontic Therapy with or without magnifying loupe	Dr. Arunkumar B. Sajjanar (Reader)	Institutional Funded
6	Knowledge and attitude regarding management of pediatric dental trauma among medical professionals: A Questionnaire study	Dr. Suryakant Kumar (Reader)	Institutional funded
7	Accessibility in Private Hospitals for Physically disabled Pediatric dental patients	Dr. Pankaj Chavhan (Sr Lecturer) Dr. Shweta Chandak (Reader) Dr. Ashish Bhondey (Sr Lecturer)	Institutional funded

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

a) National Collaboration

S No	Project	Institutional collaboration	Name of Student
1.	Comparison of Salivary Sialic Acid Levels in Children Suffering from Sickel Cell Disease and its Co-relation with Dental Caries	Department of Biochemistry of Government Medical College, Nagpur Rural Hospital Nagbhid, Chandrapur	Dr. Milind Atulkar
2.	Effectiveness Of Nano Silver Fluoride To Treat Dental Caries In Children: An In Vivo Study	Department of Chemical Engineering, VNIT Nagpur.	Dr. Pali Dhongde
3.	Comparative Evaluation Of Antimicrobial Efficacy Of Zinc Oxide Eugenol With Zinc Oxide Mixed With Three Herbal Products To Be Used As Root Canal Filling Material - An In Vitro Study	Dhruv Microbiological Lab Nagpur.	Dr. Milind Wasnik
4.	Assessment of Salivary Parameters And Caries Status In	Dept of Biochemistry, Government Medical	Dr. Shruti Karale

	Children In Leukemia Undergoing Anticancer Therapy- A Comparative Cross Sectional Study	College Nagpur.	

No Grants Received

b. International Collaboration: NIL

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. NIL

20. Research facility / centre with / state recognition / national recognition / international recognition

State recognition: NA

National recognition: NA

International recognition: NA

21. Special research laboratories sponsored by / created by industry or corporate bodies. NA

22. Publications:

Total No of Publications by Staff- 41

S No	Name of the Faculty	Total no. of Publications	Last 5 years
1.	Dr. Rakesh Mittal	19	16
2.	Dr. Shweta Chandak	18	16
3.	Dr. Arunkumar B. Sajjanar	08	08
4.	Dr. Suryakant Kumar	04	04
5.	Dr. Ashish Bhondey	09	09
6.	Dr. Pankaj Chavhan	01	01

* **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, EBSCO host, Google scholar, etc.)-** 31

* **Citation Index – range -** 0 to 18

* **Impact Factor – range -** 0 to 5

* **Source Normalized Impact per Paper (SNIP) –** 0 to 0.40

* **SCImago Journal Rank (SJR)-** 0 to 0.626

* **h-index –** 0 to 5

- * **Number of papers published in peer reviewed journals (national /international):** 31
- * **Monographs-** 0
- * **Chapters in Books-** 0
- * **Books edited-** 0
- * **Books with ISBN with details of publishers-** 0

23. Details of patents and income generated: NIL

24. Areas of consultancy and income generated:

- Investigations and treatment procedures are provided free of cost to the pediatric patients in the department as well as through school dental health programme
- Income Generated- Free of cost for Consultancy and Treatment

25. Faculty selected nationally / internationally to visit other laboratories / institutions

/ Industries in India and abroad

National: NIL

International: NIL

26. Faculty serving in a) National committees b) International committees c)

Editorial

Boards d) any other (specify)

a. National committee

Dr. Rakesh Mittal

- Life Member- Indian Society of Pedodontics and Preventive Dentistry
- Life Member- Indian Dental Association
- Reviewer- Journal of Applied Dental and Medical Sciences

Dr. Shweta Chandak

- Life Member- Indian Society of Pedodontics and Preventive Dentistry
- Life Member- Indian Dental Association

Dr. Arunkumar B. Sajjanar

- Life Member- Indian Society of Pedodontics and Preventive Dentistry

Dr. Suryakant Kumar

- Member- Indian Dental Association

Dr. Pankaj Chavhan

- Life Member- Indian Society of Pedodontics and Preventive Dentistry

b. International committee: NIL
c. Editorial Boards: NIL

27. Faculty recharging strategies (Refresher/orientation programs, workshops, Training programs and similar programs).

Faculty recharging strategies: Refresher/orientation programs, workshops, Training programs and similar programs – 60

S No	Name Of Faculty	Conferences, CDE Programs and Workshops Attended
1	Dr. Rakesh Mittal	Hands on Course on “Alpha Biotech Implant System” held on 8 th May 2011 in Gurgaon (Haryana)
2	Dr. Rakesh Mittal	34 th Annual Conference of Indian Society of Pedodontics and Preventive Dentistry held at Pattayya, Thailand on 13 th to 14 th Sep 2012
3	Dr. Rakesh Mittal	“Pedoscope” 35 th Annual Conference of Indian Society of Pedodontics and Preventive Dentistry held on 26 th to 28 th September 2013 at Birla Auditorium, Jaipur
4	Dr. Rakesh Mittal	36 th Annual Conference of Indian Society of Pedodontics and Preventive Dentistry held at Lucknow on 14 th to 16 th Oct 2014
5	Dr. Rakesh Mittal	UPDACON 14 th Annual Conference Of UP Diabetes Association on 10 th to 11 th Oct 2015
6	Dr. Rakesh Mittal	CDE program on “Next-Gen Dentistry For Generation Next” on 25 th April 2016 at VSPM dental college Nagpur
7	Dr. Rakesh Mittal	38 th National Conference of Indian Society of Pedodontics and Preventive Dentistry held at Kochi on 20 th to 22 nd October 2016
8	Dr. Shweta Chandak	NIDACON, Nagpur. Jan 2012
9	Dr. Shweta Chandak	NIDACON, Nagpur. Jan 2013
10	Dr. Shweta Chandak	NIDACON, Nagpur. Jan 2014
11	Dr. Shweta Chandak	6 th Clinical Meet Presentation, IAP Nagpur. Jul 2014
12	Dr. Shweta Chandak	NIDACON, Nagpur. Jan 2015
13	Dr. Shweta Chandak	6 th CDE Program on Comprehensive Pediatric Dentistry Part IV, Govt Dental College, Nagpur, Jul 2015
14	Dr. Shweta Chandak	National Symposium on Periodontal Diseases in Pediatric Patients, VSPM Dental College, Nagpur, Jul 2015
15	Dr. Shweta Chandak	CDE Program on “Play Safe” and Demonstration of “Thermoforming”, Sharad Pawar Dental College and Hospital, Wardha. Sept 2015
16	Dr. Shweta Chandak	37 th Annual Isppd Conference, Pedo Art, Raipur, Oct 2015

17	Dr. Shweta Chandak	NIDACON, Nagpur, Feb 2016
18	Dr. Shweta Chandak	CDE and Webinar on Next-Gen Dentistry for Generation Next, Begin Early Begin Well, VSPM Dental College and Research Centre, Nagpur, Apr 2016
19	Dr. Shweta Chandak	CDE Program on “Mechanics of Paper Setting”, Sharad Pawar Dental College and Hospital, Wardha. Jun 2016
20	Dr. Shweta Chandak	Basic Research Methodology workshop, GDC, Nagpur
21	Dr. Shweta Chandak	38 th Annual ISPPD Conference, PedoByte, Kochi Oct 2016
22	Dr. Shweta Chandak	NIDACON, Nagpur , Jan 2017
23	Dr. Arunkumar B. Sajjanar	“Live Surgical Workshop On Cleft Lip And Cleft Palate” held at Narsinhbhai Patel Dental College and Hospital Visnagar on 30 th Oct 2012
24	Dr. Arunkumar B. Sajjanar	“Rotary Endodontics “ - Boon Or Bane and “Idiots Guide to World Class Orthodontics” held at Narsinhbhai Patel Dental College and Hospital Visnagar on 27 th Nov, 2012
25	Dr. Arunkumar B. Sajjanar	“Pedoscope” 35 th Annual Conference of Indian Society of Pedodontics and Preventive Dentistry held on 26 th to 28 th September 2013 at Birla Auditorium, Jaipur
26	Dr. Arunkumar B. Sajjanar	“National Symposium on Periodontal Diseases in Pediatric Patients” held at VSPM Dental College, Nagpur on 18 th and 19 th July 2015
27	Dr. Arunkumar B. Sajjanar	“PedoArt” 37 th National Conference of Indian Society of Pedodontics and Preventive Dentistry held on 8-10 October 2015 at Raipur
28	Dr. Arunkumar B. Sajjanar	Next-Gen Dentistry For Generation Next “Begin Early Begin Well” held on 21 st April, 2016 at VSPM Dental College and Research Centre, Nagpur
29	Dr. Arunkumar B. Sajjanar	Attended the lecture and Hands on Course on “Comprehensive Pediatric Dentistry” held on 30 th and 31 st July 2016 at GDC and Hospital, Nagpur
30	Dr. Arunkumar B. Sajjanar	Basic Research Methodology Workshop, GDC, held on 2016 Nagpur
31	Dr. Suryakant Kumar	8 th National ISPPD PG Convention from 26-27 Feb 2011 at Salem,Tamil Nadu.
32	Dr. Suryakant Kumar	33 rd Annual Conference of Indian Society of Pedodontics and Preventive Dentistry held at Mangalore on 2011
33	Dr. Suryakant Kumar	Karnataka IDA Conference, 2012 at Mysore
34	Dr. Suryakant	“Oral Submucous Fibrosis to Oral Sqamous Cell

	Kumar	Carcinoma: a Frequent Travelled Path” held on 5 th July 2013 at SDKS Dental College and Hospital Nagpur
35	Dr. Suryakant Kumar	“Micro and Noninvasive Technique Strategies for the Management of Early Caries Lesions” held on 26 th Oct 2013 at SPDC Sawangi.
36	Dr. Suryakant Kumar	Complementary and Alternative Medicine –Why Modern Dentist Should Know it?? held on 10 th March 2014 at SDKS Dental College and Hospital Nagpur
37	Dr. Suryakant Kumar	IDA Nagpur Conference, NIDACON 2015 at Nagpur.
38	Dr. Ashish Bhondey	8 th National ISPPD PG Convention from 26-27 Feb 2011 at Salem,Tamil Nadu.
39	Dr. Ashish Bhondey	Workshop on Research Methodology and Biostatistics on 25-27 August 2011 at MGM Dental College and Hospital, Navi Mumbai.
40	Dr. Ashish Bhondey	Scientific PG Convention on 15 September 2011 at YMT Dental College, Mumbai
41	Dr. Ashish Bhondey	Advances in Pediatric Dentistry, Its Relevance to Dental Practice and Management of Caries on 3 rd Sept 2011 at Taj, Lands End, Mumbai.
42	Dr. Ashish Bhondey	PEDOQUEST 33 rd ISPPD National Conference on 4-6 Nov 2011 at Mangalore.
43	Dr. Ashish Bhondey	“Pediatric Restoration” and “Tips and Tricks in Pedodontics” held on 4 th Jan 2012 at MGM Dental College.
44	Dr. Ashish Bhondey	Lecture and Hand on Workshop On Conscious Sedation on 22 March 2012 at Terna Dental College.
45	Dr. Ashish Bhondey	“CT and CBCT Lecture” Scientific Convention on 1 st Oct 2012 at YMT Dental College.
46	Dr. Ashish Bhondey	Workshop on Research Methodology on 18-20 October 2012 at YMT Dental College, Navi Mumbai
47	Dr. Ashish Bhondey	New Horizon in Pediatric Dentistry, on 4 December 2012 at YMT Dental College, Navi Mumbai
48	Dr. Ashish Bhondey	35 th Annual Conference of Indian society of Pedodontics and Preventive Dentistry, September 2013, Jaipur
49	Dr. Ashish Bhondey	“NIDACON 2015” on 10-11 January 2015 at Nagpur
50	Dr. Ashish Bhondey	“Comprehensive Pediatric Dentistry IV” 6 th CDE Programme on 31 st July 2015 held at GDC Nagpur.
51	Dr. Ashish Bhondey	CDE Programme on “Basic Forensic Medicine and Problem Based Learning in Forensic Odontology” on 10 Feb 2016.
52	Dr. Pankaj Chavhan	CDE programme on Pediatric Endodontics: An Enigma Solved, August 2013
53	Dr. Pankaj Chavhan	Continuing Dental Education Programme:Pediatric

		dentistry, November 2013
54	Dr. Pankaj Chavhan	Basic Workshop In Research Methodology, September 2013
55	Dr. Pankaj Chavhan	35 th Annual Conference of Indian society of Pedodontics and Preventive Dentistry, September 2013, Jaipur
56	Dr. Pankaj Chavhan	Endo-Xcellence (Microsurgical Endodontics), scientific convention, October 2013
57	Dr. Pankaj Chavhan	1 st National Symposium On Management Of Medical Emergencies In Pediatric Dental Clinic, September 2013
58	Dr. Pankaj Chavhan	36 th Annual conference of Indian Society of Pedodontics and Preventive Dentistry, October 2014, Lucknow
59	Dr. Pankaj Chavhan	37 th National Conference Of Indian Society Of Pedodontics and Preventive Dentistry, Raipur, October 2015
60	Dr. Pankaj Chavhan	Advance Dental Leadership Global Child Dental Fund, February 2016

28. Student projects / percentage of students who have taken up in-house projects including inter-departmental projects

Percentage of Students who have taken up inhouse projects including with department Projects- 100%

Theses (38.5%)

S No	Name of Student	Details of Project
1.	Dr. Milind Atulkar	Comparison Of Salivary Sialic Acid Levels In Children Suffering From Sickel Cell Disease and Its Co-Relation With Dental Caries
2.	Dr. Prajakta Wankhade	Comparative Evaluation Of Retention Ability Of Embrace And Clinpro Pit And Fissure Sealants In Children In 6 – 9 Year Age Group: An In - Vivo Study
3.	Dr. Prabhat Singh	Efficacy Of Lignocaine Gel And Lignocaine Patches: A Comparative Evaluation
4.	Dr. Pali Dhongde	Effectiveness Of Nano Silver Fluoride To Treat Dental Caries In Children: An In Vivo Study
5.	Dr. Milind Wasnik	Comparative Evaluation Of Antimicrobial Efficacy Of Zinc Oxide Eugenol With Zinc Oxide Mixed With Three Herbal Products To Be Used As Root Canal Filling Material - An In Vitro Study
6.	Dr. Ankita Moon	Comparative Evaluation Of Efficacy Of Various Caries Removal Systems In Deciduous Dentition

7.	Dr. Shruti Karale	Assessment Of Salivary Parameters And Caries Status In Children In Leukemia Undergoing Anticancer Therapy- A Comparative Cross Sectional Study
8.	Dr. Sneha Khekade	Effects of child health drinks on colour stability of various aesthetic restorative materials- An in vitro study
9.	Dr. Miranda George	Comparative evaluation of microleakage of fiber reinforced GIC and conventional GIC restoration immersed in three beverages.- An in vitro study
10.	Dr. Niharika Gahlod	Clinical and radiographic evaluation of different herbal products infused with zinc oxide as an obturating material in primary teeth- An in vivo study

Other than Theses (61.5%)

S No	Name of Student	Details of Project
1.	Dr. Milind Wasnik	Evaluation of post operative pain using two different intracanal dressings in primary dentition pulpectomies
2.	Dr. Shruti Karale	Effect of various mouth rinses on salivary pH and OHI-S index of children.
3.	Dr. Ankita Moon	Assessment of various toothbrush grips used by visually impaired children for effective plaque removal
4.	Dr. Milind Wasnik	Prevalance of first permanent molar caries among 6-10 year old school going children in Nagpur region
5.	Dr. Milind Wasnik	Changes in lower dental arch due to untimely loss of primary molars
6.	Dr. Prajakta Wankhade	Impact on pH of saliva of frequently consumed sugared, sugar free and probiotic ice-cream in school going children of Nagpur.
7.	Dr. Shruti Karale	Assessment of influence of maternal dental anxiety on child behavior in dental operatory.
8.	Dr. Pali Dhongde	Assessment of growth status: Nolla's dental age V/S Chronological age.
9.	Dr. Pali Dhongde	Assessment of Parental awareness and Tooth Brushing Habit in Preschool children, Nagpur.
10.	Dr. Prabhat Singh	Assessment of antimicrobial efficacy of different combinations of antibiotic pastes against intracanal microbial population : invitro study
11.	Dr. Miranda George	Assessment of Child's Mental Health Problems using Strengths and Difficulties Questionnaire

12.	Dr. Niharika Gahlod	Compliance of Dental Students and Dental Practitioners with Antibiotic Prescribing Guidelines for Dental Infections in Children: A Cross Sectional Study.
13.	Dr. Sneha Khekade	Assessment of Prevalence of Dental Problems in Patients Attending Dental College in Nagpur for the Year 2016.
14.	Dr. Sneha Khekade	Relationship of oral health related quality of life with dental fear and previous dental experience
15.	Dr. Niharika Gahlod	Compliance of Dental Students and Dental Practitioners with Antibiotic Prescribing Guidelines for Dental Infections in Children: A Cross Sectional Study.
16.	Dr. Sneha Khekade	Assessment of Prevalence of Dental Problems in Patients Attending Dental College in Nagpur for the Year 2016.
17.	Dr. Sneha Khekade	Relationship of oral health related quality of life with dental fear and previous dental experience
18.	Dr. Miranda George	Entertainment – an analgesic? The relationship between visual aids and various music therapy in anxiety management in pediatric patients
19.	Dr. Niharika Gahlod	The crystals of a geode are hidden underneath the surface”: A cross-sectional survey of children’s preference for dentist’s appearance"

29. Awards / recognitions received at the national and international level by Faculty /Doctoral / post doctoral fellows / Students

Faculty:

S No	Faculty	Awards and Recognition
1	Dr. Rakesh Mittal	Fellow International College of Dentists
2	Dr. Shweta Chandak	- First place in Paper Presentation on “Comparative Evaluation of Efficacy of Fluoride Varnish and CPP-ACP in reducing Streptococcus mutans Count in Dental Plaque: A Pilot Study” 20th National Conference of Indian Society for Dental Research- Penang International Dental College, Salem, TN, September, 2007 - Second place in Paper Presentation on “MTA – The Sixth Element – The Pedo Series” 25th Tamilnadu State Dental Conference- Club Melaange, Erode, Tamilnadu, December 2007 - Bronze medal for an exhibit of “Medicine– The

		Art of healing through ages” 13 th Stamp Exhibition, Chennai, October, 2011
3	Dr. Arunkumar B. Sajjanar	• Organizing Secretary for 37 th ISPPD National Conference, Raipur, October 2015
4	Dr. Pankaj Chavhan	• 1 st runner up- Richard Law Award – Global Child Dental Fund- Kings College LONDON, 2016

Student:

S No	Name	Topic	Awards and Recognition
1.	Dr. Manisha Chandwani	Poster on Coping with crisis - "Children with special health care needs"	1st prize on 2 nd March 2014 at SDKS Dental College and Hospital, Wanadongri, Nagpur 2014 for Poster Presentation
2.	Dr. Shweta Bhayade	Paper Presentation on “Assessment of Oral Hygiene Practices and its Relation to Dental Caries Among the Children Attending Anganwadis of Hingna, Nagpur”	2nd prize on 10 th Jan 2015 at IDA Conference of Nagpur branch 'NIDACON' 2015
3.	Dr. Pali Dhongde	Paper presentation on “Oral Health Status Of Visually Impaired Children In Rural Area of Nagpur, Maharashtra”	2 nd prize on 6 th Feb 2016 at IDA Conference of Nagpur branch 'NIDACON' 2016

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

None

31. Code of ethics for research followed by the Departments: Yes

All the research work carried out by the department including PG Dissertations undergoes review as per Institutional Ethics Review Committee, Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital. Projects start only after the approval of the same.

32. Student profile program-wise:

Selection procedure is done by the AMUPMDC/ NEET/ MH-CET and the data related is available with the competent authority.

33. Diversity of students

Name of the Program (refer to ques no. 4)	Year	% of students from the same university	% of students from other universities within the state	% of students from universities outside the State	% of students from other countries
BDS	2012	84%	15%	1%	0
	2013	90%	10%	0	0
	2014	95%	2%	3%	0
	2015	89%	7%	4%	0
	2016	94%	4%	2%	0
MDS	2013	100%	0%	0%	0%
	2014	100%	0%	0%	0%
	2015	100%	0%	0%	0%
	2016	100%	0%	0%	0%

34. How many students have cleared Civil Services and Defense Services examinations NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and Other competitive examinations? Give details category-wise.

S No	Name of the Student	Category
1.	Dr. Satyanarayan Pande (2007 Batch)	Commissioned in Army Dental Corps Services
2.	Dr. Ambika Narayan (2007 Batch)	Commissioned in Army Dental Corps Services
3.	Dr. Deepak Wathore (2008 Batch)	Batch- DDS, USA
4.	Dr. Arjun Dangare (2006 Batch)	Batch- DDS, USA
5.	Dr. Shrilekha Borkar (2007 Batch)	Selected in ISB (International School of Business)

35. Student progression Percentage against enrolled UG to PG PG to M.Phil, DM / MCh / DNB PG to Ph.D. Ph.D. to Post-Doctoral Employed

Student progression	Percentage against enrolled			
	2013	2014	2015	2016
UG to PG	1	2	-	1
PG to M.Phil / DM /M Ch / DNB	-	-	-	-
PG to Ph.D	-	-	-	-
Ph.D. to Post-Doctoral	-	-	-	-
Employed	-	-	-	-
Campus selection	-	-	-	-
Other than campus recruitment	-	-	-	-
Entrepreneurs	-	-	-	-

36. Diversity of staff: Percentage faculties who are graduates

Percentage faculties who are graduates	
Of the same university	2 (33.33 %)
From other universities within the state	-
From other university from other state	4 (66.66 %)
From university outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

NIL

38. Present details of departmental infrastructural facilities with regard to

- a) Library: Number of titles-66
 Number of Seminars, JCs and Case Presentation- 302
 Number of thesis- 02
 Number of LDs- 12
 Number of books- 69
- b) Internet facilities for staff and students :Yes
- c) Total number of class rooms: 04
- d) Class rooms with ICT facility and 'smart' class rooms: 02
- e) Students' laboratories: 01 Physiology
- f) Research laboratories: 02 (Biochemistry + Micro)
- g) Online journal: EBSCO database

39. List of doctoral, post-doctoral students and Research Associates a) from the host

Institution/university b) from other institutions/universities

Nil

a. From the host institutions/ university: NA

b. From other institution/ University: NA

40. Number of post graduate students getting financial assistance from the university.

None

41. Was any need assessment exercise undertaken before the development of new program (s)? If so, highlight the methodology.

Yes, a need assessment exercise was undertaken before the new program were introduced and based on the feedback from stake holders, essentiality certificate for BDS and MDS was obtained.

An extensive exercise was conducted in our department & the feasibility report was generated for starting the PG Program & this proposal was submitted to the DCI for approval.

42. Does the department obtain feedback from?

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback ?

Yes, the feedback on curriculum is taken through departmental meetings, interactive sessions, videos, photos, powerpoint presentations of cases, surgical demonstrations to make teaching learning more effective which is then analyzed and sent for curricular revision.

- Departmental staff discussions
- Regular feedback obtained from the staff and students
- Feedback from Alumni, discussed in the departmental meetings
- Regarding the teaching program, then suggestions are sent to the University to make amendments in the curriculum, which would help to achieve overall development of the student concerning the subject.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, the department takes feedback from students on staff, curriculum and teaching-learning evaluation. This feedback is assessed and discussed at the departmental staff meetings. Few modifications to improvise teaching channels are discussed and implemented accordingly.

Regular feedback is obtained from the students through Interaction module and Small group discussions for teaching learning evaluation. Feedback forms are analyzed and accordingly measures are taken to improve teaching methodology.

- Teachers are trained through training programs.

The feedback has been utilized to produce Student Support Activities

- For Potential Learners:
 - Remedial teaching
- For Rapid Learners:
 - Challenging them to higher intellectuals
 - Research Projects

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

Yes, the feedback from the alumini and employers are taken to assess the skill and knowledge of the student passed from the college and improvement to enhance the knowledge and success of student.

Alumni of the institute are invited in the annual institutional functions and feedback obtained from them through discussions The feedback aids the faculty to develop teaching programs which would enhance deeper knowledge of the subject as well as development of policies to augment competency of the student considering his/her future exposure to the society.

43. List the distinguished alumni of the department

S No	Name of Alumini	Current Workplace
1.	Dr. Manisha Chandwani	Started Consultancy at Mumbai and associated with Apollo Hospital , Mumbai
2.	Dr. Shweta Bhayade	Started Consultancy at Akola

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

The Institution orients the students and update the students about the enrichment programs organized by various institution at various levels. The students have attended the following enrichment programmes.

Year	Date	Enrichment Programs
2013	03/08/2013	Comprehensive Pediatric Dentistry , Part II at GDC, Nagpur
	05/09/2013	Oral Precancer – Problems And Solutions At SDKSDCH ,Nagpur
	26/09/2013 to 28/09/2013	“PEDOSCOPE” 35 th ISPPD Conference, Jaipur.
	26/10/2013	Micro And Non Invasive Techniques For Management Of Early Caries Lesions At SPDC, Wardha.
	28/11/2013	Regenerative Endodontics- Webinar Programme at VSPMDCH , Nagpur

2014	09/02/2014 to 11/02/2014	11 th PG Convention at PGI Chandigarh
	10/03/2014	Complimentary Of Alternative Medicine At SDKSDCH, Nagpur
	27/05/2014	Prosthodontic Consideration In Periodontally Compromised Cases And Esthetics In Complete Denture.
	02/08/2014	Comprehensive Pediatric Dentistry , Part III at GDC, Nagpur
	14/10/2014 to 16/10/2014	“PEDOFEST” 36 th ISPPD Conference At Lucknow
	10/11/2014	Contemporary Clinical Oral Microbiology and Laboratory Diagnosis at SDKSDCH ,Nagpur
	02/12/2014	Minimally Invasive Endodontics. The Self Adjusting File as a Paradigm Shift In Endodontic Instrumentation
2015	10/01/2015 to 11/01/2015	NIDACON 2015 IDA Nagpur Branch
	07/02/2015	Lasers in Pediatric dentistry at SPDC, Wardha.
	26/02/2015 to 28/02/2015	PEDOZEST 2015 12 th National Post Graduate Convention ISPPD at Tumkur
	27/05/2014	Prosthodontic consideration in periodontally compromised cases and esthetics in complete denture.
	18/07/2015 to 19/07/2015	National Symposium on Periodontal Disease in Pediatric Patients at VSPMDCH, Nagpur.
	31/07/2015	Comprehensive Pediatric Dentistry , Part IV at GDC, Nagpur
	07/09/2015	“Play safe” and demonstration on Thermoforming at SPDC, Wardha
	8/10/2015 to 10/10/2015	37 th ISPPD conference “PEDOART” at Raipur.
	09/12/2015	Lasers in Oral Mucosal lesions at SDKSDCH, Nagpur
2016	05/02/2016 to 06/02/2016	NIDACON 2016 IDA Nagpur Branch
	29/03/2016	Fundamentals of research and biostatistics in Dentistry
	21/04/2016	“NEXT GEN DENTISTRY FOR GENERATION NEXT” at VSPMDCH, Nagpur
	20/06/2016 to 22/06/2016	Research Methodology Basic Workshop
	30/07/2016	Comprehensive Pediatric Dentistry Part VII at GDC, Nagpur

	31/07/2016	Microscopic Pediatric Dentistry Part VII at GDC, Nagpur
	05/08/2016 to 06/08/2016	Dentofacial Orthopedics National Symposium and Workshop at Indore
	20/10/2016 to 22/10/2016	“PEDOBYTE” 38 th ISPPD Conference at Kochi
2017	14/01/2017 to 15/01/2017	NIDACON 2017 IDA Conference at Nagpur
	26/02/2017	CDE Programme on Minimal Invasive Dentistry- Conserve to Preserve at Wardha,
	15/03/2017 to 17/03/2017	Research Methodology Basic Workshop at LMC, Nagpur
	17/03/2017 to 18/03/2017	“PedoVista” CDE Programme on Rapid revision for PostGraduate students, Terna Dental College, Nerul Mumbai

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

Various teaching methods used for training the students to achieve par excellence in academics are :-

Undergraduates BDS

- Evidence based learning
- Illustration and Demonstration (Psychomotor skill development)
- Didactic lectures
- Problem based learning/interactive session during Lectures and clinical posting
- Table top demonstration
- Micro-teaching through group discussions
- Standard Operative Procedure on clinical procedures including sterilization, waste disposal
- Communication skills development through British Club
- Revision and Remedial Classes
- Motivation for research
- Encouraging to attend conferences
- Motivation for innovation
- Power Point Presentation, Chair side teaching, Student projects, Seminars, symposium, Hands on experience, CDE, Workshops.
- Interactive sessions taken through Interactive Committee of the college

Post graduates MDS

- Seminars
- Journal club Discussions
- Clinical Cases Discussions
- Illustration and Demonstration (Psychomotor skill development)

- Research Projects
- Internet Databases
- Management of variety of clinical cases under direct guidance of the faculty.

Demonstrations

- Appliance Fabrication
- Efficient management of critical clinical cases

Other activities

- Participation in Camps, School Dental Health Programmes.
- CDE programmes and conferences.
- Presentation of paper and posters.
- Table Clinics

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

Undergraduates BDS

- Feedback taken from the students after every topic
- Interaction module
- Periodic Internal assessment exams as per university requirement
- Posting end Viva in clinics
- Monthly test
- Department staff meetings
- Student Interaction Programs
- Group discussions
- Teaching Learning Evaluation
- Analysis of the feedback
- Appropriate measures to improvise teaching channels
- Motivational and Supportive student activities
- Short exam in the form of MCQ given to them after every lecture.
- Buddy and Mentor Programme.
- Getting feedback from patient after completion of treatment.

Post graduates MDS

- Article reading
- Seminar and Journal club
- Department meeting
- Reflective Learning
- Peer assisted Learning
- Evidence based learning
- Problem based learning

47. Highlight the participation of students and faculty in extension activities.

- Projects undertaken on specific topics with specific learning objectives for better understanding of a subject.
- Encourage them to participate and present Posters, Papers and Table clinics in various conferences.
- Dental satellite centre as an outreach program
- 6 monthly fluoride gel applications.
- Children 6-10 years of age receive sealants.
- Free treatments.
- PG students and Interns of the department carry out all clinical procedures under supervision of a faculty; thereby facilitating the learning objectives of PostGraduate curriculum and internship programme.
- Community Outreach Programme.
- Education of teachers on oral hygiene measures.
- Distribution of tooth-brushes and toothpastes

48. Give details of “beyond syllabus scholarly activities” of the department.

- Paper presentations, Poster presentations and Table clinic at Conferences and Annual Institutional functions
- Conduction of Quiz competitions for students
- Synergistic- working to produce an enhanced result through Student Interaction
- Elaborative group discussion
- Library Study Drive- 18 hours continuous reading
- British Club activity - British club, an innovative idea, gives students a chance to improve their English for understanding the subject being taught and improving their skills to communicate better in writing as well as verbally.
- White coat ceremony/UDAAN
- Poster Competition within the department.

49. State whether the program/ department is accredited/ graded by other agencies ?

If yes, give details.

Yes, by Dental Council of India (DCI) and Maharashtra University of Health Sciences (MUHS).

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Faculty encourages students to carry out various research projects and activities to generate new knowledge.
- Faculty demonstrates various advanced equipments to the students and their usage in different clinical cases.
- Department is also involved in participating in lectures or hands-on courses by other department or other colleges for academic improvement.

- Discussion on latest advancement and developments in pediatric Dental materials and procedures.
- Department is involved in managing children with special health care needs under general anesthesia in collaboration with department of anesthesia. Hence, Post Graduate students and interns get exposure of the same.
- Paper / posters / Lectures / Workshops / preconference course by Faculty and PG. Poster competition within the department on various latest issues in Pediatric Dentistry.
- Library Study Drive- 18 hours continuous reading

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Discipline, Punctuality and moral-professional ethics
- Highly Trained Faculty
- Regular organization of dental camps
- Adoption of Schools

Weaknesses:

- Simulated labs for student learning.
- Associations with societies for medically compromised patients.

Opportunities:

- Newer avenues to explore research and clinical acumen to improve practical skills of the students in order to make them proficient and excel in their fields.
- Conduction of more CDE Programs and Workshops
- Promoting higher research

Challenges:

- Creating awareness and need of good dental health in pediatric patient amongst the masses.
- Turning the tide of dental treatment from corrective care to preventive care.
- Extend the benefits of hospital to the society

52. Future plans of the department.

- Emphasis on original research.
- Collaboration with national/international agencies for conduction of research.
- Keeping pace with global standards.
- To establish collaborative associations with other agencies dealing with dental treatment of pediatric patients including medically compromised patients.
- To imbibe into its system, newer techniques and methodology to aid the student in acquiring the clinical expertise that they will need in managing pediatric dental patients including those with special healthcare needs.
- To constantly renew the infrastructure and services, to cater to the changing trends that occur in this field of pediatric dental care.

Evaluative Report of the Department

1. Name of the Department

Department of Orthodontics and Dentofacial Orthopedics

2. Year of establishment

MDS (PG) 2012, BDS (UG) -2006 (Third BDS : 2008)

3. Is the Department part of a college/Faculty of the university?

YES, the Department is part of the College and affiliated to MUHS Nashik

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) -

- ❖ UG: Bachelor of Dental Surgery (BDS)
- ❖ PG: Master of Dental Surgery (MDS)

5. Interdisciplinary programs and departments involved –

Departments involved in interdisciplinary programs are:

Prosthodontics, Conservative Dentistry, Pedodontics, Community Dentistry, Periodontics, Oral Surgery

Year	Interdisciplinary activities	Departments involved
06/02/14	Management of avulsed tooth Case HC	Orthodontics, Pedodontics and Prosthodontics
24/04/2015	Save tooth	Orthodontics, Endodontics and Periodontics
20/03/2015	Myofunctional appliance	Orthodontics and Pedodontics
3/07/2015	Growth modulation	Orthodontics and Pedodontics
22/09/15	Wilckodontics	Orthodontics and Peroidontics
14/10/15	Mock surgery and Imaging of Orthognathic Surgery case Part I	Orthodontics and Oral Surgery
8/12/15	Mock surgery and Imaging of Orthognathic Surgery case II	Orthodontics and Oral Surgery
29/01/16	Orthognathic Surgery Case AB	Orthodontics and Oral Surgery
17/01/16	Orthognathic Surgery Case LK Part I	Orthodontics and Oral Surgery
22/03/16	Orthognathic Surgery Case LK Part II	Orthodontics and Oral Surgery
30/03/16	Residual Palatal Cleft Case CP	Orthodontics and Oral Surgery

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

None

7. Details of programs discontinued, if any, with reasons

None

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System –

a. For 1st, 2nd & Third BDS – Annual

b. For Final BDS – Semester

Annual pattern would be followed for Final BDS from academic session 2017-18 / Summer 2018 Examinations as per MUHS Circular 07/2017 dated 20/01/2017

c. For MDS – After satisfactory completion of minimum 3 years as per the standards set by DCI and MUHS Nashik

9. Participation of the department in the courses offered by other departments

Nil

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others) (According to DCI)

Designation	DCI Requirements	Sanctioned	Filled
Professor	1	1	1
Associate Professor/Reader	2	2	2
Lecturer	2	2	2
Tutor / Clinical Instructor	1	1	1

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Sr No	Name	Qualification	Designation	Specialization	No. of Years of Experience	Research Under Guidance
1	Dr (Mrs) P V Hazarey	MDS	Professor and Head	Orthodontics	38 Years 4 months	4
2	Dr Mrunal Aley	MDS	Reader	Orthodontics	10 years 1 months	3
3	Dr Achint Chachada	MDS	Reader	Orthodontics	8 years 5 months	3
4	Dr Harish Atram	MDS	Sr. Lecturer	Orthodontics	6 years 5 months	0
5	Dr Mugdha Mankar	MDS	Sr. Lecturer	Orthodontics	5 Years 3 months	0
6	Dr Sanjeev Jakati	MDS	Tutor	Orthodontics	2 year 1 month	0

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Visits of senior faculty & Guest Lectures from various disciplines are regularly arranged by the Institute

13. Percentage of classes taken by temporary faculty – program-wise information NIL**14. Program-wise Student Teacher Ratio**

- a. UG – 17:1
- b. PG – 1:1 (per year)

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled
Dental technician	2	2
Dental hygienist	1	1
Lab attendant	2	2

16. Research thrust areas as recognized by major funding agencies

Applied Biomechanics, Utilization of 3D Imaging in diagnosis, Metallurgy, Biotechnology, Bioengineering

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. ?

Sr No.	Name of Faculty	Project Title	Funding Agency	Total Grant Received
1	Dr. Mrs. P. V. Hazarey Dr. Achint Chachada	To evaluate the action plan to increase the Institutional Clinical Material- A Questionnaire Survey	Institutional	Rs. 15,000/-
2	Dr. Mrs. P. V. Hazarey Dr. Harish Atram	A survey of Dental fluorosis at Wakdhara Village	Institutional	Rs. 5,000/-
3	Dr. Mrs. P. V. Hazarey	Orthodontic treatment need for school going children in Nagpur using Modified Index of Orthodontic Treatment Need (IOTN)	MUHS	Rs.43000/-
4	Dr Mrunal Aley	Revisiting Angle's classification system for identification of malocclusion and modifying preexisting nomenclature of classification	Institutional	--

5	Dr Mrunal Aley	SELF RETRACTION SPRING (SRS)	Institutional	--
6	Dr Mugdha P Mankar	To evaluate deficiencies in contemporary myofunctional and orthopaedic appliance therapy in India and formulate methodologies to overcome the same from an Orthodontists' perspective	Institutional	--
7	Dr Mugdha P Mankar	To evaluate use of removable appliances in contemporary orthodontic treatment	Institutional	--
8	Dr. Achint Chachada	Influence of Oral prophylaxis. what's app video message on oral hygiene maintenance in orthodontic Patients	Institutional	--

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration - 4

Sr No.	Name of Faculty	Project Title	Institutions	Funding Agency	Total Grant Received
1	Dr Achint Chachada (Published)	Effect of alveolar bone loss along various surfaces of tooth on the position of centre of resistance – A 3D Finite Element Analysis	Dept of Orthodontics SDKS Dental college, Nagpur IIT Jabalpur	Institutional	Rs. 15,000/-
2	Dr. Mrs. P. V. Hazarey Dr. Harish Atram	A survey of Dental fluorosis at Wakdhara Village	Dept of Orthodontics SDKS Dental college, Nagpur NEERI, Nagpur	Institutional	Rs. 5,000/-
3	Dr. Achint Chachada (Published)	Effect of Dental chair light on bond strength of composite used for bonding (In association with	Dept of Orthodontics SDK Dental college, Nagpur	Institutional	-

		VNIT)	VNIT, Nagpur		
4	Dr Mugdha P Mankar	Evaluation of force characteristics of a Wing- Bib Multihelix Maxillary Expander	Dept of Orthodontics SDK Dental college, Nagpur VNIT, Nagpur	Institutional	-

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Yes, we have one LTRG project funded by MUHS

1	Funded by MUHS (Long Term Research Grant)	Orthodontic treatment need for school going children in Nagpur using Modified Index of Orthodontic Treatment Need (IOTN)

20. Research facility / centre with

- State recognition - Nil
- National recognition – Nil
- International recognition - Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies Nil

22. Publications:

- * **Number of papers published in peer reviewed journals (national / international)**

Number of Publications by faculty

Name of Faculty	No. of Publications
Dr. Mrs. P. V. Hazarey	48
Dr. Mrunal Aley	10
Dr. Achint Chachada	15
Dr. Harish Atram	12
Dr. Mugdha. P. Mankar	10
Dr. Sanjeev Jakati	10

- * **Monographs- Nil**
- * **Chapters in Books :** Dr. Mrs. P. V. Hazarey **Co- authored book-** Burstone's contributions in Orthodontics, Lambert Publications
- * **Books edited - Nil**
- * **Books with ISBN with details of publishers : Nil**
- * **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) ?**

	Web of Science	Scopus	Humanities International Complete	Dare Database - International Social Sciences Directory	EBSCO host	Medline	Google scholar	Hinari	Index Copernicus	PUBMED
Dr. Mrs. P. V. Hazarey						19	42			21
Dr. Mrunal					2	1	4	2	1	2

Aley										
Dr. Achint Chachada		4			4	2	9	4	5	2
Dr. Harish Atram					2	1	4	2	1	2
Dr.Mugdha. P. Mankar					1	5	2	1	2	1
Dr Sanjeev Jakati		2			4	3	7	4	5	3

Index

Faculty	SNIP (range)	SJR (range)	Citations (range)	h-index Author (range)	h- index (Journal) (range)
Dr. Mrs. P. V. Hazarey	0-1	0-1	0-123	0-5	0-46.5
Dr Mrunal Aley	0-1	0-1	0-1	0-1	0-26.5
Dr. Achint Chachada	0-1	0-1	0-1	0-1	0-26.5
Dr. Harish Atram	0-1	0-1	0-1	0-1	0-26.5
DrMugdha P Mankar	0-1	0-1	0-1	0-1	0-24
Dr. Sanjeev Jakati	0-1	0-1	0-1	0-1	0-26.5

Number of articles included in international databases- 62

23. Details of patents and income generated

Patent pending

- Wing- Bib Multihelix Maxillary Expander (4723 /MUM/2015)
- 2-piece flexible premaxilla correction appliance

Copyright

Classification of unilateral Cleft Lip & Palate to aid in presurgical Orthopedics.

Copyright number – 11081/2015-CO/L

Income Generated: NIL

24. Areas of consultancy and income generated

Treatment is done in camps free of cost & the patients referred from these camps are treated in the college at affordable rates.

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Yes, Dr. Mrs. P. V. Hazarey, Dr Mrunal Aley, Dr Achint Chachada, DrMugdha P Mankar have been invited as guest speakers in other institutions.

26. Faculty serving in

- National committees
- International committees
- Editorial Boards
- any other (specify)

Following faculty from the Department are serving in National committees and Editorial Boards

Dr. Mrs. P. V. Hazarey-

- Member Board of Examiners for evaluation of Doctoral Theses (PhD) at the University of Kerela

- b) External Examiner (PhD) at Bharti Vidyapeeth Pune
- c) Member of Editorial Board of Specialty journal (Journal of Indian Orthodontic Society)
- d) Life Member of IOS
- e) Member of IDA
- f) Reviewer for International Pubmed journal 'Angle Orthodontist'

Dr. Mrunal Aley

- a) Life Member of IOS
- b) Member of IDA

Dr. Achint Chachada

- a) Convener- Nagpur Orthodontic Study Group
- b) Life Member of IOS
- c) Member of IDA

Dr. Harish Atram

- a) Life Member of IOS
- b) Member of IDA

Dr. Mugdha. P. Mankar

- a) Life Member of IOS
- b) Member of IDA

Dr. Sanjeev Jakati

- a) Life Member of IOS

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

Dr. Mrs. P. V. Hazarey-

- 42th Indian orthodontic conference, Nagpur(chairman of organizing committee)-
- 43th Indian orthodontic conference, Bombay
- 44th Indian orthodontic conference, Delhi
- 45th Indocleft Conference New Delhi
- 1st Mid-term Indian orthodontic conference, Bangkok,
- 45th IOS conference Mangalore.
- 47th New Delhi & 8th Asia Pacific Orthodontic Conference
- 48th IOS conference Ahmedabad
- 49th IOS Conference Kolkata
- American cancer society conference Washington (DC) USA-
- F.D.I. Conference New Delhi
- 62th Indian Dental Conference, Nagpur
- ISCLPCA INDOCLEFTCON , New Delhi.
- ISCLPCA INDOCLEFTCON , Nagpur
- Workshop on Basic Research Methodology & Medical Biostatistics organized by Sharad Pawar Dental College & Hospital, Sawangi, Wardha, Maharashtra

- 70th IDA Conference, Mumbai
- Advanced training in Teaching Methodology – DMIMS University Wardha
- "A Comprehensive Course on Pre-adjusted Edgewise Appliance" conducted by Sharad Pawar Dental College, Sawangi, Wardha, Maharashtra
- CDE program on Functional Appliances conducted by Sharad Pawar Dental College, Sawangi, Wardha, Maharashtra
- Hands on course on Forsus-fixed functional appliance conducted by Sharad Pawar Dental College, Sawangi, Wardha, Maharashtra
- Fundamentals in research & Biostatistics
- Workshop on PBL conducted by Dept. of Medical Education at Jawaharlal Nehru Medical College, Sawangi, Wardha, Maharashtra
- Workshop on OSCE/OSPE conducted by Dept. of Medical Education at Jawaharlal Nehru Medical College, Sawangi, Wardha, Maharashtra
- Basic workshop in research methodology

Dr. Mrunal Aley

- 5th Asian Conference & 28th National Conference on Oral & Maxillofacial Surgery, Mumbai, Maharashtra
- 7th IOS PG Student's Convention, Belgaum, Karnataka
- 38th Indian Orthodontic Conference, Coimbatore, Chennai
- 1st Annual Symposium on Contemporary Orthodontics & Dentofacial Orthopedics conducted by Rural Dental College of Pravara Medical Trust, Loni, Maharashtra
- "The Summit" 8th IOS PG Student's Convention, Mangalore, Karnataka
- Symposium on "Advances in Surgical Orthodontics" conducted by Bharati Vidyapeeth Deemed University Dental College & Hospital, Pune, Maharashtra
- The Damon System Course conducted by Dr. Bob Borkowski, Mumbai, Maharashtra
- Workshop on Basic Research Methodology & Medical Biostatistics organized by Sharad Pawar Dental College & Hospital, Sawangi, Wardha, Maharashtra
- The Damon System Course conducted by Dr. Bob Borkowski, Mumbai, Maharashtra
- 39th Indian Orthodontic Conference, Bapuji Dental College & Hospital, Davangere, Karnataka
- 2nd Annual Symposium on Contemporary Orthodontics & Dentofacial Orthopedics conducted by Rural Dental College of Pravara Medical Trust, Loni, Maharashtra
- "A Comprehensive Course on Pre-adjusted Edgewise Appliance" conducted by Sharad Pawar Dental College, Sawangi, Wardha, Maharashtra

- Hands on workshop on Lingual Orthodontics conducted by locus Lingual Orthodontic Training Institute, Mumbai, Maharashtra
- CDE program on Functional Appliances conducted by Sharad Pawar Dental College, Sawangi, Wardha, Maharashtra
- CDE on Selection of "Camera and Camera care with basics in photography" conducted by Sharad Pawar Dental College, Sawangi, Wardha, Maharashtra
- 46th Indian Orthodontic Conference, Khajuraho
- Workshop on Secondary Cleft Deformities conducted by Sharad Pawar Dental College, Sawangi, Wardha, Maharashtra
- Hands on course on Forsus-fixed functional appliance conducted by Sharad Pawar Dental College, Sawangi, Wardha, Maharashtra
- Nidacon conducted by Indian Dental Association, Nagpur Branch, Maharashtra
- Hands-on course on Clinical Photography conducted by Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Hingna, Nagpur, Maharashtra
- CDE on "Concepts for the Future Multidisciplinary Approach" organized by Jabalpur Orthodontic Study Group in association with Hitkarini Dental College & Hospital, Jabalpur, Madhya Pradesh.
- Cde Organized By Jabalpur Orthodontic Study Group In Association With Hitkarini Dental College & Hospital, Jabalpur, Madhya Pradesh.
- 19th IOS PG CONVENTION, BANGLORE
- 20th IOS PG CONVENTION, Amritsar
- Fundamentals in research & Biostatistics
- Workshop on PBL conducted by Dept. of Medical Education at Jawaharlal Nehru Medical College, Sawangi, Wardha, Maharashtra
- Workshop on OSCE/OSPE conducted by Dept. of Medical Education at Jawaharlal Nehru Medical College, Sawangi, Wardha, Maharashtra
- Basic workshop in research methodology

Dr. Achint Chachada

- 42nd IOC Nagpur
- 43rd IOC New Delhi
- 44th IOC Mangalore
- 45th IOC Khajurao
- 46th IOC Ahmedabad
- 61st IDC Nagpur
- 5th NIDACON Nagpur

Dr. Harish Atram

- Fifth Annual Symposium 'Pravara Rural University'
- 12th IOS & 1st SAARC Orthodontic PG Student's Convention.
- 42nd Indian Orthodontic Conference, Nagpur
- 43rd Indian Orthodontic Conference, Nehru Centre, Worli, Mumbai
- Bond With The Best, Symposium on Orthodontics, DR. D.Y.Patil Dental College & Hospital, Pimpri, Pune
- Continuous Dental Education Programme, Nair Hospital Dental College & Hospital, Mumbai
- Workshop on fundamentals of edgewise
- Workshop on orthognathic surgery, NAGPUR
- Workshop on Fundamentals of Research and Biostatistics, Nagpur

Dr. Mugdha. P. Mankar

- 43rd Indian Orthodontic Conference, Nehru Centre, Worli, Mumbai
- **44th Indian Orthodontic Conference**, Ashoka Hotel, New **Delhi**
- 8th Annual conference of Indian Society of Cleft Lip, Palate and Craniofacial Anomalies, Deptt of Plastic Surgery, Jawaharlal Institute of Postgraduate Medical Education and Research, Pondicherry
- 9th Annual conference of Indian Society of Cleft Lip, Palate and Craniofacial Anomalies, All India Institute of Medical Sciences, New Delhi.
- 10th Annual Conference of Indian Society of Cleft Lip, Palate and Craniofacial Anomalies at the Rain Tree Anna Salai, Chennai.
- 1st SAARC Orthodontic Conference, India Habitat Centre, New Delhi.
- 14th IOS PG Convention, Department of Orthodontics, Saveetha Dental College, Chennai, M.M. Convention Centre , Saveetha University , Chennai
- Basics in photography, Wardha
- Faculty development teachers training, WARDHA
- Workshop on secondary cleft deformities, WARDHA
- Workshop on fundamentals of edgewise, Nagpur
- Workshop on orthognathic surgery, NAGPUR

Dr. Sanjeev Jakati

- 16th Ios Pg Students Convention Vishakapatnam
- CDE Programme – Ethics, Law, Jurisprudence In Medical & Dental Practice Bagalkot, Karnataka
- Hands On Course On Lingual Orthodontics – Dr Rafi Romano SDM Dharwad, Karnataka
- 17th Ios Pg Students Convention Mangalore, Karnataka
- Workshop On Aligners – Comprehensive Truth – Dr. Nikhilesh Vaid Kle Belgaum, Karnataka

- Workshop On Application Of Biomechanical Principles – Dr Charles Burstone MGMDCH, Navi Mumbai
- Workshop On - Basics Revisited – Pea Bharati Vidyapeeth Pune
- Hands On Course On Microscrew Implant Anchorage Bharati Vidyapeeth Pune
- Ortho – Surgical Workshop Bagalkot, Karnataka
- Workshop On New Age Orthodontic Biology & Biomechanics – Dr Vinod Krishnan SDM Dharwad, Karnataka
- Fundamentals Of Research & Biostatistics SDKS DCH Nagpur

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects
UG Projects – 5% PG Projects – 100 %

○ Projects (Other than Thesis)– PG & UG students

Sr. No.	Name of Student	Title of Project
1	Dr. Avanti Kulkarni	To evaluate the action plan to increase the Institutional Clinical Material- A Questionnaire Survey
2	Dr. Aarzoo Agrawal	Orthodontic treatment need for school going children in Nagpur using Modified Index of Orthodontic Treatment Need (IOTN)
3.	Dr. Aarzoo Agrawal	Effect of gutkha ban on young rural population in and around Nagpur
4.	Dr Vasundhara Bhide Dr Amreen Khan Dr Raj Bhagwatkar	Revisiting Angle's classification system for identification of malocclusion and modifying preexisting nomenclature of classification
5.	Dr Vinay Bedre	Professional burnout in Orthodontists- an online survey
6.	Dr Sumit Deb	Assessment of skeletal maturation with hand- wrist radiographs using Fishman analysis in late childhood obesity
7	Dr Chinmay Rathod (Completed & Published)	Effect of reminder text message on number of missed appointments and on patients self reported level of pain after placement of separators
8	Namrata Khetal (UG) (Published)	A Questionnaire Survey on Orthodontic Awareness among the population

Theses

1	Dr Swapna puri (Completed)	A comparative study of upper lip thickness, length, position, inclination and vermillion height in normal, horizontal and vertical growth pattern patients: A cephalometric study
2	Dr Vinay Bedre (Completed)	Evaluation of surface roughness after debonding with use of Peppermint oil and hot water on ceramic brackets-In vitro study
3	Dr Priyanka Hingwe (Completed)	Comparative study between manual and digital cephalometric tracing using indirect digitization by dolphin imaging software and direct digitization by Kodak dental imaging software with lateral cephalograms
4	Dr Asmita Kharche (Completed)	Effect of sandblasting, silane treatment and silicon dioxide coating on shear bond strength of mechanically retentive polycrystalline ceramic brackets
5	Dr Raj Bhagwatkar (Completed)	To evaluate and compare the force decay rate of thermoplastic and thermoset elastomeric chain
6	Dr Sumit Deb (Completed)	Assessment of the skeletal maturation with hand wrist radiographs in late childhood obesity
7	Dr Avanti Kulkarni (Completed)	Effect of alveolar bone loss along various surfaces of tooth on the position of centre of resistance – A 3D Finite Element Method
8	Dr Vivek Shinde (Completed)	Quantitative analysis of released silver ions into saliva from silver solder after two different finishing methods-A comparative in vivo study
9	Dr Jyoti Meshram (Completed)	Quantitative analysis of streptococcus mutans around orthodontic bracket before and after the use of fluoride varnish and probiotic toothpaste by dento-occult SM kit
10	Dr Aarzoo Agrawal	Comparative Evaluation of Efficacy and Treatment Effects of Corticotomy Assisted and Conventional Orthodontic En Masse Retraction in Class I Bimaxillary Protrusion cases.
11	Dr Chinmay Rathod	Evaluation of Surface Microbial Contamination on “As Received” Components of Fixed Orthodontic Appliances.
12	Dr Amreen Khan	Comparative Evaluation of Mechanical Properties, Chemical Composition and Surface Topography of Niti Wires from Different Manufacturers.
13	De Sneha Pedgoankar	Evaluation of effect of two mini implants & 4 mini implants supported hyrax appliance on naso maxillary complex. A 3DFEM Study
14	Dr Vasundhara Bhide	A comparative study of accuracy in bracket position gauge & bone gauge: in vivo study
15	Dr Gayatri Kale	Effect of curcumin on bacterial biofilm adhesion of orthodontic arch wires: in vivo study

- **Percentage of students doing projects in collaboration with other universities / industry / institute**

Sr. No.	Name of Student	Details of Project
1	Dr PV Hazarey Dr.Asmita Kharche (Published)	Effect of alveolar bone loss along various surfaces of tooth on the position of centre of resistance – A 3D Finite Element Analysis (In association with IIT, Jabalpur)
2	Dr. Achint Chachada Dr.Vivek Shinde (Published)	Effect of Dental chair light on bond strength of composite used for bonding (In association with VNIT)
3	Dr. Harish Atram Dr.Gayatri Kale	A survey of Dental Fluorosis at Wakdhara Village (In association with NEERI)
4	Dr. Achint Chachada Dr Chinmay Rathod	Evaluation of Surface Microbial Contamination on “As Received” Components of Fixed Orthodontic Appliances. (In association with Dhruv Pathology & Microbiology Lab Nagpur)

- **Theses**

Sr. No.	Investigator	Project	Institutes in collaboration
1	Dr. Asmita Kharche (Completed)	Effects Of Sandblasting, Silane Treatment & Silica Coating On Bond Strength Of Recycled Polycrystalline Mechanically Retentive Ceramic Brackets And Assessment Of Debonded Tooth Surface by Scanning Electron Microscope	Dept of Orthodontics SDK Dental college, Nagpur Dept of Metallurgy YCCE, Nagpur Dept of Metallurgy VNIT, Nagpur
2	Dr. Priyanka Hingwe (Completed)	Comparative study between manual and digital cephalometric tracing using indirect digitization by dolphin imaging software and direct digitization by Kodak dental imaging software with lateral cephalograms.	Dept of Orthodontics SDK Dental college, Nagpur) Genesis Dentofacial Imaging Centre, Nagpur
3	Dr. Jyoti Meshram (Completed)	Quantitative Analysis Of Streptococci Mutans In Plaque Around Orthodontic Brackets	Shivaji science college, Nagpur Dept of Orthodontics

		Before & After Use Of Probiotic Toothpaste & Fluoride Varnish.”	SDK Dental college, Nagpur)
4	Dr. Vivek Shinde (Completed)	Quantitative Analysis Of Released Silver Ions In To Saliva From Silver Solder After Two Different Finishing Methods : A Comparative In Vivo Study”	VNIT, Nagpur Dept of Orthodontics SDK Dental college, Nagpur)
5	Dr. Avanti Kulkarni (Completed)	Effect of alveolar bone loss along various surfaces of tooth, on the position of centre of resistance, centre of rotation and stress distribution- A 3D finite element analysis	Dept of Orthodontics SDK Dental college, Nagpur, IIT Jabalpur
6	Dr Amreen Khan	Comparative Evaluation of Mechanical Properties, Chemical Composition and Surface Topography of NITI Wires from Different Manufacturers.	Dept of Orthodontics SDK Dental college, Nagpur, Anacon Industrial Lab Butibori VNIT Nagpur Jawaharlal Nehru Research Centre Dattawadi

29. Awards / recognitions received at the national and international level by Doctoral / post doctoral fellows

• Students : Awards and Recognitions

- Dr Asmita Kharche – 1st prize in Poster presentation at Jabalpur (JOSG)
- Dr Asmita Kharche – 2nd prize in Poster 48th IOC, Ahmedabad
- Dr Swapna Puri – 2nd Prize in Paper presentation at Jabalpur (JOSG)
- Dr Vivek Shinde – 1st Prize in Poster Presentation in NIDACON, Nagpur
- Dr Jyoti Meshram - 2nd Prize in Poster presentation at Jabalpur (JOSG 2013)
- Dr Jyoti Meshram - 2nd Prize in Paper presentation at Jabalpur (JOSG 2014)
- Dr Avanti Kulkarni – 3rd Prize in Poster presentation at Jabalpur (JOSG 2014)
- Dr Avanti Kulkarni – 2nd Prize in Poster presentation at 19th IOS PG Convention 2015
- Dr. Avanti Kulkarni- 2nd Prize in Smile Torch Slogan Competition Jan 2015
- Dr. Aarzoo Agrawal- 1st Prize Paper presentation at Academy of Medical Sciences, Nagpur 7 Feb 2016

Staff

Dr Mrs. P. V. Hazarey

- Member Board of Studies Dentistry PG Clinical MUHS, Nashik
- Faculty-Certificate Course in Cleft Orthodontics Started 2012 SPDC,DMIMS(DU) Wardha
- Vice President Organizing Committee National Conference on “HOLISTIC APPROACH TO LIVING BY AROGYA BHARTI” Nagpur Oct. 2011
- Member- Board of Examiners for PhD thesis Bharti Vidyapeeth Deemed University, Pune. 2011
- Member- Board of Examiners for PhD thesis University of Kerala Tiruannatpuram 2011
- Member of Board of Studies – Pravara Institute of Medical Sciences (DU), Loni 2011
- Chairperson Scientific Session IOS Conference Mangalore 2010
- Chairperson Scientific Session INDOCLEFTCON Conference New Delhi 2010
- Chairperson Board of Studies Clinical Dentistry DMIMS (DU)
- Member Editorial Board of Journal of Indian Orthodontic Society
- Ex Member Dental Council of India
- Ex Chairperson Board of Studies Clinical Dentistry Nagpur University
- Ex Member Academic Council, Nagpur University.
- Ex Member Draft Ordinance committee, Nagpur University.
- NIDACON – Guest Speaker, 12th Jan2012 - Holistic approach in the Management of Cleft lip & palate
- Speakers – Preconference course 12th National Annual Conference on CLPCA Indo Cleft con 17th to 19th Jan 2013
- Invited Speaker, 70th IDA Conference Mumbai, Feb. 2017

Dr. Mrunal Aley

- 49 IOC second prize received in poster category for OSTRUCTIVE SLEEP APNEA
- First prize in poster presentation TRANSPALATAL ARCHES in CDE programme at Jabalpur
- Second prize in paper presentation on MOLAR DISTALIZATION in CDE programme JABALPUR
- Second prize in poster presentation on INDIRECT BONDING in CDE programme at Jabalpur
- Organizing Chair Person for Photography in May 2012 at SDKSDC & Hosp. Nagpur
- Scientific Sessions Chaired Last 3 Years CDE programme at Jabalpur on Multidisciplinary Approach in October 2013

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

CDE Programs	Source of funding	External Experts
Photography 2013	Institution Delegate fees	Dr. Matrishva Vyas : Prof & Head Horizon dental College Bilaspur
Orthognathic Surgery 2014	Institutional funding Registration Sponsorship by Verma Dentlink Liberal Traders SK Surgical	Dr. Gauri Vichare : Prof. Bharati Vidyapeeth Pune Dr.Nitin Bhola : Assoc. Prof. OMFS, DMIMS wardha
Orthodontic awareness' program under Smile Torch - Essay and Slogan competition 2015	Nagpur Orthodontic Study Group	Dr M.B. Vyas : Prof & Head Horizon dental College Bilaspur Dr N. Alladwar: Prof & Head Maitree Dental college Durg Dr Govindwar: Private Consultant
Fundamentals of Research & Biostatistics 2016	Institution Registration	Dr Sandhya Jain : prof & Head GDC Indore

31. Code of ethics for research followed by the departments

The institute has a functional Institutional Ethical Committee. The core value of ethics is engrained in the student's minds during their training by means of regular classes as well as guest lectures and CDEs.

32. Student profile program-wise:

Selection procedure is done by the AMUPMDC/ NEET/ MH-CET and the data related is available with the competent authority.

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BDS 2012	84	15	1	0
BDS 2013	90	10	0	0
BDS 2014	95	2	3	0

BDS 2015	89	7	4	0
BDS 2016	94	4	2	0
MDS 2012	100%	--	--	--
MDS 2013	100%	--	--	--
MDS 2014	66.6%	--	33.3%	--
MDS 2015	100%	--	--	--
MDS 2016	33.3%	66.6%	--	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations?

Satyanarayan Pandey- Joined Defense Services as Captain

Ambika Narayan Joined Defense Services as Captain

Deepak Wathore – Cleared GRE, and studying in US

Arjun Dangare - Cleared GRE, and studying in US

Roopail Shinde - Cleared GRE, Former Research assistant in LONG ISLAND Univ.

35. Student progression

Student Progression	Percentage against enrolled
UG to PG	2013- 1 student (33.3%) 2014- 1 student (33.3%) 2015- 3 students (100%)

36. Diversity of staff

Percentage of faculty who are graduates	BDS	MDS
of the same university	80% (4 out of 6)	33.33% (2 out of 6)
from other universities within the State	10% (1 out of 6) Bombay University	33.33% (2 out of 6) Bombay University Nagpur University
from universities from other States	10% (1 out of 6)	33.33% (2 out of 6) AIIMS, Delhi & RGUHS Bangalore
from universities outside the country	-	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period – Nil

38. Present details of departmental infrastructural facilities with regard to-
Details of Departmental infrastructure are as follows,

Library –

- 84 Books + 20 in CD format,
- 20 library dissertations,
- 10 Thesis
- 1 Seminars (100) and Journal club articles in hard and soft copies

Internet facilities for staff and students – Yes (1 Computer with Internet and 1 without Internet Facility)

Class rooms with ICT facility and ‘smart’ class rooms – 2

- Department:1
- Smart class rooms in college: 2

Students’ laboratories – 3

Central Research laboratories – Biochemistry Lab, Micro/ Patho Lab, Physiology Lab (Accessible to department)

39. List of doctoral, post-doctoral students and Research Associates

- a) From the host institution/university - Nil
- b) From other institutions/universities – Nil

40. Number of post graduate students getting financial assistance from the university.

Nil

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

Yes. An extensive exercise was conducted in our dept & the feasibility report was generated for starting the PG Programme & this proposal was submitted to the DCI for approval.

42. Does the department obtain feedback from

- a. **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes**

- Departmental staff discussions
 - Regular feedback obtained from the staff and students
 - Feedback from Alumni, discussed in the departmental meetings.
 - Regarding the teaching program, then suggestions communicated to the University to make amendments in the curriculum, which would help to achieve overall development of the student concerning the subject.
 - Teaching Learning Evaluation
 - Feedback from students, Analysis of the feedback, Reporting the feedback and discussion
- Accordingly measures are taken to improve teaching methodology.
- Teachers are trained through training programs.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Regular feedback is obtained from the students through Student Interaction Programs (other than the written feedback), & Small group discussions.

The feedback is utilized to produce Student Support Activities

- For potential Learners:
 - Remedial teaching
- For Rapid Learners:
 - Challenging them to higher intellectuals
 - They are involved in research Projects. They are encouraged to present papers & Poster in conferences

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

Alumni of the institute are invited in the annual institutional functions and feedback obtained from them through discussions

The feedback aids the faculty to develop teaching programs which would enhance deeper knowledge of the subject as well as development of policies to augment competency of the student considering his/her future exposure to the society.

43. List the distinguished alumni of the department (maximum 10) –

MDS

1. Dr. Priyanka Hingwe (specialty practices at Mumbai)
2. Dr. Swapna Puri (Lecturer at Saraswati Dhanwantari Dental College, Parbhani)
3. Dr. Asmita Kharche (Lecturer at DY Patil, Pune)
4. Dr. Jyoti Meshram (Lecturer at Saraswati Dhanwantari Dental College, Parbhani)
5. Dr. Vivek Shinde (specialty practices at Solapur)

BDS

- Dr. Arjun Dangare - DDS USA
- Dr. Satyanarayan Pande- Defence Services
- Dr. Ambika Narayan- Defence Services
- Dr. Chetan Deshmukh - MDS PHD
- Mayur Munne –Masters in social health at TATA Institute Mumbai
- Srilekha Borkar- Selected in ISB (International School of business)

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

Sr. No.	Program Organized	External Experts
1.	CDE on Photography (2013)	Dr. Matrishva Vyas (Prof. of Orthodontics, Triveni Dental College, Bilaspur)
2.	CDE on Orthognathic Surgeries (2014)	Dr. Gauri Vichare (Prof. Bharti Vidhyapeeth, Pune) Dr. Nitin Bhola (Prof. SPDC Sawangi, Wardha)
3.	Workshop on Basic life support (2014)	Dr. Chetan Trivedi Specialist in Sports Medicine (London, UK)
4	Fundamentals of Research and biostatistics	Dr. Sandhya Jain (Prof. & HOD Orthodontics, Govt. College of Dentistry) Indore
5	Post graduate students participate in Research Methodology programs conducted by MUHS every year	Research & Methodology Team of MUHS.

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

BDS

- Didactic lectures
(Power Point Teaching, blackboard, video, flipchart and internet teaching)
- Illustrative and demonstrative teaching (Psychomotor skill development)
- Table top demonstrations
- Micro-teaching through small group discussions
- Interaction Program
 - Problem based learning
 - Seminars
 - PPT presentations on completed topics
- SOP on clinical procedures including sterilization,& waste disposal
- Communication skills development through British Club
- Revision & Remedial classes

MDS

- Case discussions (case history and Clinical Examination, diagnosis and Treatment plan)
- Observation in clinics
- Illustrative and demonstrative teaching (Psychomotor skill development)
- Demonstration on patients
- Table top demonstrations

- Assisting staff during clinical procedures
- Chair side clinical discussions
- SOPs on clinical procedures, sterilization, communication skills
- Seminars
- Journal Clubs
- Teaching Assignments
- Internet facility
- Field visits and camps

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

BDS

- Feedback after every topic.
- Interaction Module.
- Feedback at term end.
- Conducting Internal Assessments.
- Posting end exams in clinics.
- Monthly test.
- Conducting seminars to evaluate.
- Formative evaluation after every topic by giving multiple choice questions and evaluation.
- Summative evaluation by internal assessment examinations.

MDS

- Updated Checklist & Log Books
- Monthly progress report
- Periodic examinations
- Two term papers at end of 1st & 2nd Year
- Discussions in seminars and Journal clubs
- Written Assignments on topics given
- Mock Examinations – Before final Examination

47. Highlight the participation of students and faculty in extension activities.

Through organization of camps

Total Camps conducted 22

Total Orthodontic Patients diagnosed & consultation done -1475

Multispecialty Camps Sr. No.	Resource personnel from the Department	Venue/ Date	No. of Beneficiaries Total OPD/ Orthodontic
1	Dr Asmita Kharcke	Gondkhari 31-5-2011	494/111
2	Dr Swapna Puri	Gondkhari 25-8-2011	361/76

3	Dr Priyanka Hingwe	Doulameti 22-12-2011	587/213
4	Dr Asmita Kharche	Gondkhari 20-3-2012	476/122
5	Dr Swapna Puri	Gondkhari 9-6-2012	405/101
6	Dr Priyanka Hingwe	Gondkhari 27-12-2012	232/103
7	Dr. Vinay Bedre	Indora, 10 th Nov 2013	500 / 50
8	Dr. Vinay Bedre Dr. Vivek Shinde Dr. Jyoti Meshram	Adarsha Vidyalaya, Nandanwan/ 14/12/13	250/62
9	Dr. Jyoti Meshram Dr. Vinay Bedre Dr. Vivek Shinde	Shangrila English School, Sangam Road, Hingna 440016/ 28/12/13	250/ 66
10	Dr. Jyoti Meshram Dr. Vinay Bedre Dr. Vivek Shinde	Dr. Babasaheb Ambedkar International Airport, 11/6/14	140
11	Dr. Vinay Bedre	Madarsa, Wardha Road, Nagpur, 29 th sept 2014	350/60
12	Dr. Avanti Kulkarni Dr. Sumit Deb	Somalwar Nikalas High School, Khamla Nagpur, 18/12/14	130/15
13	Dr. Sumit Deb	Govt. Primary School, Koradi 30 th Oct 2014	180/75
14	Dr. Sumit Deb Dr. Raj Bhagwatkar	Zilla Parishad Primary School, Khedgaon 30 th Jan 2015	90/35
15	Dr. Sumit Deb	Devkibai Bang High School, Hingna 26 th nov 2015	120/40
16	Dr. Raj Bhagwatkar Dr Mugdha P Mankar	Zilla Parishad School, Wagdhara, 6/8/14	120/28
17	Dr. Raj Bhagwatkar	Deekshabhoomi Nagpur, 22/10/15	200/20
18	Dr. Avanti Kulkarni DR PV Hazarey	Sai mandir 21 / 11 / 2015	120 /14
19	Dr Chinmay R	Gharphal 24 th Jan 2016	220 / 37

20	Dr Chinmay R Dr Sumit Deb	Snehal convent school 30 th Jan 2016	90 / 30
21	Dr Chinmay R	Snehal convent school 10 th Feb 2016	417/43
22	Dr Chinmay R	Chausala Amravati 20/3/16	300/34

Faculty:

One of Our Faculty Dr Sanjeev Jakati is visiting satellite clinics every Wednesday & Friday in Wadi & Hingna Region respectively & referring on an average of 30 & 20 Patients per day.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Educational Paper and poster presentations at Conferences and Annual Institutional functions
- Essay and Slogan competitions organized by the Department for students, on ‘Orthodontic awareness’
- Conduction of Quiz competition by students
- British Club activity
- Interaction module
- Local Language Marathi Club (LLM)
- Participation in Debate Competition (Spandan 2017 –MUHS)

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

Yes, the Department (Institute) is recognized & affiliated to MUHS and recognized by the governing body DCI.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Innovative projects in the department, by faculty and students include

- Effectiveness of Alovera Tooth Gel in reducing the count of S.Mutans in Orthodontic patients.
- Variation in center of Resistance in a FEM model in periodontally compromised teeth
- Soft tissue upper lip inclination in pre and post orthodontically treated patients and soft tissue diagnostic triangle
- Self Retraction spring for smooth retraction of anterior teeth
- Wing bib Multihelix Palatal Expander
- LRM Learning resources material in the form of ppt
- Videos to demonstrate various techniques & wire bending to students
- Before & After treatment case photographs & videos

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

STRENGTHS	• Experienced & skilled faculty • Student-staff interaction in the department through Interaction module Program aimed at maximizing the learning potential of the students. • Adequate training imparted to UG and PG • Variety of clinical materials available and different types of treatment mechanics are practiced • Well equipped department • Good strength of out-patients • Records kept for long term follow up • Well equipped departmental library • Dolphin software for digitization of Cephalograms • Treatment by Lingual mechanics, implants
WEAKNESSES	• No attached medical college
OPPORTUNITIES	• Skill enhancement of the faculty through various Workshops at national and international level for advanced diagnostic and therapeutic training. • Research related to Dental material in collaboration with ICT Mumbai. • Research related to genetics in collaboration with Genetics labs • Faculty enrichment programmes • Scope for conducting scientific programmes • Hands on courses for variety of fixed appliance techniques • Working on patients using newer Techniques
CHALLENGES	• Parallel institution with attached medical college • Increase in Number of Private Dental Hospitals • Maintenance of Consistent Quality and Finishing of patients • To procure funds for research.

52. Future plans of the department.

Academic	Research	Services	Infra structure
1. daptation to newer assessment methodologies e.g. OSCE & OSPE 2. CBCT, 3D-CT and newer software's to be included in teaching and Post graduate training 3. Training Self-ligating, Lingual Orthodontics, Invisalign and Functional occlusion 4. Inter-institutional & interdisciplinary research activities 5. Faculty to be trained for lingual orthodontics. 6. Proposed for Atal Incubation Centre to NITI AYOOG Govt. of India.	1. Interdisciplinary research collaborations with genetic Lab, VNIT Nagpur, NEERI 2. To establish a collaboration with other universities ICT Mumbai, NCL Pune, 3. Plan for research facilities as per multicenter trials	1. Application of newer diagnostic aids in clinical practice. 2. Recent treatment mechanics- FORSUS Fixed Functional appliance, Self- ligating, Implants, Lingual Orthodontics, Invisalign to be implemented in clinical practice.	1. Lab setup for lingual orthodontics. 2. Equipments for lingual orthodontics 3. To procure CAD/CAM system

Evaluative Report of the Department

1. Name of the Department :- Department of Oral Medicine And Radiology

2. Year of establishment

UG- 2006; (Third BDS : 2008)

PG -2012

3. Is the Department part of a college/Faculty of the university?

YES, it is a part of college and affiliated to MUHS, Nashik.

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) :

UG: BACHELOR OF DENTAL SURGERY (BDS),

PG: MASTER OF DENTAL SURGERY (MDS)

5. Interdisciplinary programs and departments involved:

Dental Departments involved are Periodontology, Public Health Dentistry, Orthodontics and Dental Orthopedics, Pediatric and Preventive Dentistry, Oral Maxillofacial Surgery, Conservative Dentistry and Endodontics, and Prosthodontics and Crown and Bridge.

Medical specialities: Department of General Human Anatomy, General Human Physiology, Biochemistry, Dental Anatomy Embryology and Oral Histology, Pharmacology, General Pathology, Microbiology, General Medicine, General Surgery, and Oral Pathology and Microbiology.

Sr. No.	Date	Program / Event	Departments Involved
1	11-09-2012	Oral Submucous Fibrosis	Oral Medicine and Radiology, Oral Pathology, Oral Surgery.
2	7-01-2013	Oral Squamous Cell Carcinoma	Oral Medicine and Radiology, Oral Pathology, Oral Surgery. ODMR
3	26-06-2013	Stress As An Etiological Factor For Oral Lichen Planus	Oral Medicine and Radiology, Oral Pathology.

4	31-07-13	Restoration Of Endodontically Treated Tooth	Oral Medicine and Radiology ,Conservative Dentistry and Endodontics, Prosthodontia
5	28-08-13	Pemphigus Vulgaris	Oral Medicine and Radiology, Oral Pathology.
6	30-10-13	3D CBCT	Oral Medicine and Radiology, Orthodontia.
7	27-11-13	Oligodontia	Oral Medicine and Radiology, Prosthodontia.
8	29-01-14	Multidisciplinary Approach	Oral Medicine and Radiology, Periodontology, Conservative Dentistry and Endodontics.
9	26-02-14	HaemofacialMicrosomia – Case Report	Oral Medicine and Radiology, Oral Pathology.
10	26-03-14	Oral Submucous Fibrosis	Oral Medicine and Radiology, Oral Pathology, Oral Surgery.
11	13-3-15	Bilateral homogeneous Leukoplakia with oral lichen planus	Oral Medicine and Radiology, Oral Pathology.
12	20-4-15	Odontogenickeratocyst	Oral Medicine and Radiology, Oral Pathology, Oral Surgery
13.	13/5/2015	Oral Squamous cell carcinoma	Oral Medicine and Radiology, Oral Pathology.
14	15/7/2015	Verrucous carcinoma	Oral Medicine and Radiology, Oral Pathology, Oral Surgery.
15	25/8/2015	TMJ Ankylosis	Oral Medicine and Radiology, Oral Surgery.
16	14/10/2015	OSMF	Oral Medicine and Radiology, Oral Pathology, Oral Surgery.
16	3-2-2016	Development and effect of hormones and nutrients on of oral soft and hard tissue	Oral Medicine and Radiology, Oral Pathology.
17	27/6/2016	Detailed Case History	Oral Medicine and Radiology, Oral Pathology.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Nil

7. Details of programs discontinued, if any, with reasons. Nil

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System –

Annual examination pattern for I,II,III BDS ; Semester pattern for Final BDS and annual pattern will be followed for final year BDS from academic year 2017 -18 /summer 2018 examination as per MUHS circular no . 07/2017 dt 20/01/2017.

MDS – After satisfactory completion of 3 years as per the standards set by DCI and MUHS, Nashik.

9. Participation of the department in the courses offered by other departments-
Nil

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	DCI requirements	Sanctioned	Filled /Actual (including
Professor	1	1	1
Associate Professor/Reader	2	2	2
Assistant Professor	-	-	-
Lecturer	1	1	1
Tutor / Clinical Instructor	-	-	-
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	Research under guidance
Dr.SunitaKulkarni	M.D.S ; Diploma in Forensic Odontology	Prof. and HOD	Oral medicine and Radiology	22 year 10 Months	4
Dr. RakhiChandak	M.D.S	Reader	Oral Medicine and Radiology	7 year 10 Months	2

Name	Qualification	Designation	Specialization	No. of Years of Experience	Research under guidance
Dr. Ashish Lanjekar	M.D.S, (Ph. D)	Reader	Oral Medicine and Radiology	6 year 10 Months	-
Dr. Romita Gaikwad	M.D.S	Lecturer	Oral Medicine and Radiology	1 year	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

The institute encourages a full time faculty. However, the department utilizes the expertise of senior faculty whenever they visit the faculty for conducting examinations, inspections etc. The department also arranges guest lectures of eminent scholars of benefit of students. Orientation programs are organized for the interns and post graduate students in which speakers with expertise in particular subjects are invited. The external reviewers are called for synopsis presentation of MDS students.

Sr.No	Name of Visiting Fellows, adjunct faculty, emeritus professors	Program
1	Dr Rajiv Chittguppi	New age Dentistry, What after BDS?
2	Dr Rahul Bhowate	Oral Submucous fibrosis to oral Squamous cell carcinoma –A frequently travelled path
3	Dr. Makarand V Kubalkar	“Complementary and alternative medicine - Why a modern dentist should know it?”
4	Dr Jayant Gayaki	Lasers- in oral mucosal lesions.
5	Dr Mukta Motwani, Mr Jibhate, Mr Nayase, Adv. Mr. Mendhe, Dr. Mrs Sharma	Ethical committee

13. Percentage of classes taken by temporary faculty – program-wise information

NIL

14. Program-wise Student Teacher Ratio

UG: 25:1

PG- 1:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual : administrative staff :

Sanctioned	Filled	Actual
NURSE	1	1
ATTENDANT	1	1
RADIOGRAPHER	1	1
PEON	-	-
CLERK	-	-

16. Research thrust areas as recognized by major funding agencies-

- Diagnosis , Prevention And Treatment For Oral Pre-Cancer And Cancer
- Functional Dentistry
- Molecular Biology In Oral Pre- Cancer/Cancer
- Stem Cell Research
- Advanced Diagnostic Tools Like CBCT, USG And RVG In Oral Disorders.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. :-

Faculty Projects:

Sr No .	Project Name	Faculty	Funding agency
1	Evaluation of efficacy of topical Tulsi and antioxidants in OSMF.	Dr. Sunita Kulkarni	MUHS
2	The prevalence of Dental anomalies in the Vidharbha region of Maharashtra: A cross-sectional study.	Dr. RakhiChandak	Institutional Funding
3	A comparative study to evaluate efficacy of reverse orthopantomograph and conventional tomograph in assessment of temporo-mandibular joint.	Dr. Ashish Lanjekar	Institutional Funding
4	Role of Dermatoglyphics among OSMF, Leukoplakia, lichen planus and oral squamous cell carcinoma patients.	Dr. RakhiChandak,	Institutional Funding

18. Inter-institutional collaborative projects and associated grants received**a) National collaboration -**

NAME	PROJECT	DEPARTMENT	COLLABERATIVE DEPARTMENT
Dr.Yogesh Rathod	Estimation Of Beta Carotene In Osmf Patient	Swargiya Dadasaheb Kalmegh Smruti Dental College And Hospital, Nagpur.	Vidya Shikshan Prasarak Mandals Dental College and Hospital, Nagpur.
Dr.Sonal Sonule	Estimation Of Salivary Cortisol Level	Swargiya Dadasaheb Kalmegh Smruti Dental College And Hospital, Nagpur.	Vidya Shikshan Prasarak Mandals Dental College and Hospital, Nagpur.
Dr.Farheen Khan	Estimation Of Serum Fructose Level And Serum Ceruloplasmin In Pre-Cancerous And Cancerous Lesion	Swargiya Dadasaheb Kalmegh Smruti Dental College And Hospital, Nagpur.	National Institute Of Miners, Nagpur.

b) International collaboration -Nil**19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.NIL****20. Research facility / Centre with**

- State recognition : NIL
- National recognition- NIL
- International recognition - NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies- Nil**22. Publications:**

- ❖ Number of papers published in peer reviewed journals (national / international) –77

Sr . no	Name of Staff	No. Publication
1	Dr Sunita Kulkarni	21
2	Dr Rakhi Chandak	52
3	Dr Ashish Lanjekar	10
4	Dr Romita Gaikwad	3

* Monographs – Nil

* Chapters in Books –

Sr. No	Title of Book	Name of Chapter	ISBN No.	Author	Publication
	Manual of Temporomandibular joint	Chapter 12: Temporomandibular joint functioning and conservative dentistry.	9789385891090	Dr Rakhi Chandak	Jaypee

* Books edited- Nil

* Books with ISBN with details of publishers:

Sr. No	Title of Book	ISBN No.	Author	Publication
1	Role of Ultrasonography in the diagnosis of head and neck swellings	978-3-659-18184-9	Dr Rakhi Chandak	Lambert publication
2	Burning Mouth Syndrome & its Pharmacological Management- A Review	978-3-659-64001-8	Dr Ashish Lanjekar	Lambert publication

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO hosts, Medline, etc.)

* Citation Index – range:- 0 -39

* SNIP (source normalize impact per paper): - 0- 0.72

* SJR :- 0 – 0.681

* Impact Factor – range: - 0.167 – 5.336

* h-index :- 1 – 4

23. Details of patents and income generated: NIL

24. Areas of consultancy and income generated-

- ❖ Consultancies are provided for assessing and understanding the CBCT Scans free of cost.
- ❖ Consultancies are provided for examination and diagnosis of pre-cancerous lesions and conditions free of cost.
- ❖ Consultancies are provided for diagnosis and treatment at satellite centers of college at rural areas free of cost.

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad –

- Dr Sunita Kulkarni was invited for revision of syllabus at SPDC, Wardha
- Dr Romita Gaikwad was invited for poster presentation at USA.
- Oral Squamous cell carcinoma: An unusual presentation. International Conference of American Academy of Oral Medicine. Atlanta, Georgia, USA

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) Any other (specify)-

Dr Sunita Kulkarni

- Reviewer in Indian Journal of Dentistry and Central India institute of Dental Sciences
- Life member of IAOMR

Dr Rakhi Chandak

- Reviewer in Dentomaxillofacial Radiology
- Reviewer in International Journal of Quantitative Imaging in Medicine and Surgery
- Life Member of IAOMR
- Annual Member of IDA

- Dr Ashish Lanjekar

- Reviewer in Journal of Dental and Orofacial Research
- Life Member of IAOMR

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs). –135

Sr. No.	Name of The Faculty	Name of Conference	Place	Date
1.	Dr. Sunita Kulkarni	VI th IAOMR Conference.	Bangalore	December 1994
2.		62th IDC	Nagpur	February 2009
3.		XXII TH National Conference IAOMR.	New Delhi	December 2010
4.		National Triple O Symposium.	Raipur	July 2011
5.		XXIII National Conference IAOMR.	Bengaluru	December 2011
6.		NIDACON.	Nagpur	January 2012
7.		NIDACON.	Nagpur	12,13 th Jan 2013
8.		National P.G. Convention 2013.	Vadodara, Gujarat	14-16 th June 2013
9.		XXV National Conference Of IAOMR.	King George's Medical College Lucknow.	18-20 th Oct 2013
11.		IDA Nagpur Branch Organized National Conference “NIDACON 2014”.	Nagpur	26th Jan 2014
12.		XXVI National Conference Of IAOMR.	Mangalore	21 st –23 rd Nov. 2014
13.		IDA Nagpur Branch Organized Local Conference.	Nagpur	21th Dec. 2014
14.		IDA Nagpur Branch Organized National Conference “NIDACON 2015”.	Nagpur	10 th -11 th Jan 2015
15.		XII National Triple O Symposium.	Bangalore	14 th – 15 March 2015
16.		International Symposium On “Oral Submucous Fibrosis”	Hotel Pride Nagpur	6 th – 7 th feb 2016
17.		IAOMR , PG Convention.	Delhi	19-21 August 2016

Sr. No.	Name of the Faculty	Name of CDE Programme	Place	Date
1.	Dr. Sunita Kulkarni	New Age Dentistry, What After BDS?	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur.	19/4/13
2.		Sterilization Protocol	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur.	
3.		Clinical Photography	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur.	10/5/13
4.		Oral Submucous Fibrosis To Oral Squamous Cell Carcinoma –A Frequently Travelled Path	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur.	5/7/13
5.		Tobacco Control	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur.	
6.		Oral Microbiology and Pathology Webinar	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur.	22/10/13
7.		Complementary and Alternative Medicine - Why A Modern Dentist Should Know It?	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur.	10/03/14
8.		CBCT Guided Sinus Lift Surgery And Live Demonstration	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur.	5/09/14

9.		Central India Symposium On Aggressive Periodontitis.	Government Dental College and Hospital, Nagpur.	11/10/14
11.		Minimally Invasive Endodontics- The Self Adjusting File: A Paradigm Shift In Endodontic Instrumentation.	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur.	20/12/14
12.		Basic Workshop On Research Methodology.	Government Medical College and Hospital, Nagpur.	3 /12/14 To 5/12/14
13.		Cone Beam Computed Tomography.	VidyaShikshanPrasarakMandals Dental College and Hospital,Nagpur.	22/3/15
14.		Oral Precancer-Cancer	Government Medical College and Hospital, Nagpur.	13/7/15
15.		Management Of Squamous Cell Carcinoma	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	10/10/15
16.		Mucocutaneous Lesions Of Oral Cavity	VidyaShikshanPrasarakMandals Dental College and Hospital ,Nagpur.	15/10/15
17.		Lasers- In Oral Mucosal Lesions	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur.	15/12/15
18.		CBCT In Dentistry	Vidya Shikshan Prasarak Mandals Dental College and Hospital, Nagpur.	19/12/15
19.		Basic Forensic Medicine & Problem Based	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur.	10/2/16

		Learning In Forensic Odontology.		
20.		“Occlusion” By Department Of Periodontia	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur.	26/2/16
21.		“Ultrasonography Imaging In Dentistry”	Vidya Shikshan Prasarak Mandals Dental College and Hospital, Nagpur.	10/3/17

Sr No	Name Of Faculty	Name Of Conference/Programme	Place	Date
1	Dr Rakhi Chandak	Occlusion’ 94 Meeting In Harmony	Pune	25 th To 31 st Dec 1994.
2		The 45 th Maharashtra State Dental Conference	Chikhaldhara	10th To 12 th November 2006
3		National P.G. Convention- ‘JANANADHARE.	Bangalore	27th To 29th September 2007
4		A National Workshop On C.T. Scan For Dental Professionals , “Imaging Beyond Imagination.	Nagpur	21 st august 2007
5		VIII National Post Graduate Convention Of IAOMP- “MANTRANA	Sharad Pawar Dental College and Hospital Sawangi, Wardha.	20-21 June ,2008
6		The 62 nd National Indian Dental Conference Organized	Nagpur.	12 th -15 th Feb 2009

		by Indian Dental Association Nagpur Branch.		
7		Scientific Workshop On “3d, DVT, Imaging Beyond Imagination”	Nagpur.	20 th March 2010
8		Ida Nagpur Branch Organized Workshop On “ Mastering Composite Artistry Creating Anterior Masterpiece”	Nagpur.	10 April,2011
9		IDA Nagpur Branch Organized National Conference “NIDACON 2012”	Nagpur.	21 And 22 Jan, 2012
10		Reorientation Workshop on “Basic Course In Medical Education Technologies”Organized By Department Of Medical Education, DMIMS(DU) ,	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	9 th &10 th Jan 2012
11		Workshop On “Communication And Behavioral Skill” Organized By Department Of Medical Education ,DMIMS(DU)	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	9 th &10 th Jan
12		IDA Nagpur Branch Organized National Conference “NIDACON 2013	Nagpur	12 th &13 th Jan 2013
13		IDA Nagpur Branch Organized National Conference “NIDACON	Nagpur	25 th & 26 Th Jan, 2014

14		1 st Interstate Dental Conference Organized By Ida Maharashtra State Branch & IDA J & K State Branch	Srinagar	11 th - 15 May 2014
15		IDA Nagpur Branch Organized National Conference “NIDACON 2015	Nagpur	10 th &11 th Jan,2015
16		International Symposium On Oral Submucous Fibrosis	Hotel Pride International, Nagpur.	6 th &7 th feb 2016.
17		IDA Nagpur Branch Organized National Conference “NIDACON 2016”	Nagpur	5 th &6 th March,2016
18		“Basic Workshop On Research Methodology”	Government Medical College and Hospital, Nagpur.	19-21 Sep,2016
19.		IDA Nagpur Branch Organized National Conference “NIDACON 2017”	Nagpur.	14 th Jan 2017

Sr No	Name of Faculty	Name of CDE Programme	Place	Date
1	Dr Rakhi Chandak	Continuing medical education programme “Therapeutic drug Monitoring”	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	27 Dec ,2006
2		Symposium “Oral Premalignancy: An Insight”	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	17 th June 2006
3		Continuing dental education programme “Clinical photography in dentistry& diagnosis and treatment	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	18 th Oct, 2008

		planning in functional jaw Orthopedics”.		
4		Continuing Dental Education Saliva: A specimen of choice & Psycho- oncology.	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	16 th January 2009,
5		Continuing Dental Education Innovative diagnostic procedures in maxillofacial Prosthodontics & Occlusal therapy	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	17 th January 2009
6		CME programme “Haemato-oncology”	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	4 th November 2007
7		CDE programme organized by Department of oral medicine and radiology on Chemiluminescence-Newer diagnostic modality for oral precancer.	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	1 st august 2008
8		CME Workshop organized by Editorial Board, JDMIMS (U), on “Scientific Paper Writing”	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	12 th February 2010.
9		“Scientific activity organized by Department of Oral & Maxillofacial Pathology “Pathophysiology and psychology of tobacco addiction”	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	25 Aug, 2011.
10		Continuing Dental Education programme “Host modulation therapy”	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	3 Dec ,2011
11		Continuing Dental Education programme “Application of CT & MRI in evaluation of maxillofacial pathosis.”	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	23 Dec 2011
12		Continuing Medical Education programme	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	8 th Dec2011

		“Problem & strategies of HIV Management ”		
13		Continuing Dental Education programme “Psychiatry :An untraveled path In dentistry”	Vidya Shikshan Prasarak Mandals Dental College and Research Centre, Nagpur.	26 th March 2012.
14		Zonal student convention organized by IDA Nagpur branch	Vidya Shikshan Prasarak Mandals Dental College and Research Centre, Nagpur.	19 th Oct 2013.
15		IDA Maharashtra State Level scientific Convention organized by IDA Nagpur Branch	Nagpur	16 th Feb 2014.
16		Continuing Dental Education programme “Lasers in oral mucosal lesion”	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital Nagpur.	15 Dec 2015,
17		Continuing Dental Education programme “Basic forensic medicine and problem based learning in forensic Odontology”	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital Nagpur.	10 Feb 2016
18		CDE on New age Dentistry, What after BDS?	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital Nagpur	19th March 2013
19		CDE on Oral Submucous fibrosis to oral Squamous cell carcinoma –A frequently travelled path.	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital Nagpur.	5th July 2013
20		CDE on “Complementary and alternative medicine - Why a modern dentist should know it?”	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital Nagpur.	10th March 2014
21		CDE on Lasers- in oral mucosal lesions.	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital Nagpur.	15th December 2015

Sr. No.	Name of the Faculty	Name of Conference or Programme	Place	Date
1.	Dr. Ashish Lanjekar	CDE on ““Brush biopsy”	Bangalore.	30 th August 2007
2.		CDE on “Principles of Oral Diagnosis and Management of Oral Mucosal Lesions”	Bangalore.	8 th December 2007
3.		CDE on “Dental implants”	Bangalore.	12 th December 2007
4.		CDE on “Oral Radiology Workshop Focus - Computed Tomography”	Bangalore.	19 th January 2008
6.		CDE on “Orofacial pain - An update”	Bangalore.	4 th April 2008
7.		CDE on “Radiology revisited - An insight into Basics of Radiology”	Bangalore.	17 th May 2008
8.		CDE on “Basic Interpretations of CT scans of Head and Neck - A practical approach” and “Cardiovascular Diseases - An emerging silent but serious health care challenge: Management in a Dental Hospital”	Bangalore.	27 th June 2008
9.		CDE on “Articulation and articulators”	Bangalore.	22 th September 2008
11.		CDE on “Unlocking the secrets of D N A”.	Bangalore.	8 th - 9 th November 2008
12.		CDE on “Management of cleft lip and palate”	Bangalore.	6 th February 2009
13.		CDE on “Oral Cancer” held at GDCRI	Bangalore.	28 th February 2009
14.		CDE on “Sinuses and beyond”.	Bangalore.	24 th April 2009
15.		CDE on “Clinical dental photography and imaging”.	Bangalore.	25 th June 2009
16.		CDE on “Forensic Odontology: Tooth for Truth”	Bangalore.	9 th October 2009
17.		CDE on “Dentin hypersensitivity”	Bangalore.	13 October 2009

18		CDE on “Oral cancer and its early detection”	M. S. Ramaiah Dental College and Hospital, Bangalore.	13 th Oct 2009
19		CDE on Mucosal lesions, Cardiac disorders: What an oral clinician should know?, CT-MR Imaging of head and neck region.	Bangalore.	28 October 2010
20		CDE on New age Dentistry, What after BDS?	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital Nagpur.	19th March 2013
21		CDE on Oral Submucous fibrosis to oral Squamous cell carcinoma –A frequently travelled path.	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital Nagpur.	5th July 2013
22		CDE on “Complementary and alternative medicine - Why a modern dentist should know it?”	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital.Nagpur	10th March 2014
23		CDE on Oral Microbiology and Pathology (WEBINAR) a	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital Nagpur.	22nd October 2013
24		CDE on Minimally invasive Endodontics- the self-adjusting file: A paradigm shift in endodontic instrumentation.	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital Nagpur.	20th December 2014
25		CDE on Oral precancer-cancer.	Government Dental College and Hospital, Nagpur.	3rd July 2015
26		CDE on Management of squamous cell carcinoma	Sharad Pawar dental college and Hospital, Wardha	10th October 2015

27		CDE on GARJANA – antitobacco movement	Vidya Shikshan Prasarak Mandals Dental College and Research Centre, Nagpur.	30th October 2015
28		CDE on Lasers- in oral mucosal lesions.	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital Nagpur.	15th December 2015
29		CDE on Muco-cutaneous lesions of oral cavity.	Vidya Shikshan Prasarak Mandals Dental College and Research Centre, Nagpur.	15th December 2015
30		CDE on Basic forensic medicine & problem based learning in forensic odontology	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital Nagpur.	10th February 2016
31		CDE on “Occlusion“	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur.	26th February 2016
32		CDE on “ Mechanics of paper settings & Moderation”	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	30th June 2016
33		Triple ‘O’ National Workshop on “Oral Cancer” at Gyanajyothi Auditorium, Central College Campus.	Bangalore	24 – 26 April 2007
34		JNANADHARE - National PG Convention	Oxford Dental College and Hospital, Bangalore.	27 -29 September 2007

35		19 th National Conference 2007 “Oral Medicine Excellence to the World”.	Hotel Green Park, Chennai.	21 – 23 December 2007
36		National Triple ‘O’ Symposium - “Maxillofacial Infections and Development Disorders of Craniofacial Region”	KLE Dental College and Hospital, Belgaum.	4 – 5 July 2008
37		XX National Conference – “Oral Physician In Health Care Team”.	Narayana Dental College and Hospital, Nellore.	12 – 14 December 2008
38		XXV National Conference of IAOMR	King George's Medical College, Lucknow.	18 – 20 October 2013
39		XII National Triple O symposium	Bangalore	14 – 15 March 2015
40		“International Symposium On “Oral Submucous Fibrosis”	Pride International Hotel ,Nagpur.	9- 10 Feb 2016
41		28 th National IAOMR conference.	Kanyakunari	13 – 15 December 2016
42.		CDE on “Ultrasonography Imaging in Dentistry”	Vidya Shikshan Prasarak Mandals Dental College and Research Centre, Nagpur.	10/3/17

Sr. No .	Name Of The Faculty	Name Of Conference Or Programme	Place	Date
1.	Dr. Romita Gaikwad	National IAOMR PG Convention 2012	Guntur	25th-26th August 2012
2.		CDE Programme on Fibro-Osseous Lesions of The Jaws	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	7 th September 2012
3.		CDE Programme – GARJANA	Nagpur	17 th October 2012

4.		XXV National IAOMR Conference 2013.	King George's Medical College Lucknow.	18-20 October 2013
5.		Triple 'O' Conference 2014	Udaipur	7 th - 9 th March 2014
6.		Basic Workshop in Research Methodology ,2014	Vidya Shikshan Prasarak Mandals Dental College and Research Centre, Nagpur.	4 th -6 th August 2014
7.		CDE Programme on CBCT – A horizon of Imaging in dentistry	Loni	10 th October 2014
8.		CME programme on Head and Neck malignancies at ,2014	Vidya Shikshan Prasarak Mandals Dental College and Research Centre, Nagpur.	23 rd November 2014
9.		Webinar on Management of Orofacial Disorders – A physiotherapeutic approach ,2014	Vidya Shikshan Prasarak Mandals Dental College and Research Centre, Nagpur.	28 th November 2014
10.		Management of squamous cell carcinoma	Sharad Pawar Dental College and Hospital, Sawangi, Wardha.	10/10/15
11.		Muco-cutaneous lesions of oral cavity	Vidya Shikshan Prasarak Mandals Dental College and Research Centre, Nagpur.	15/10/15
12.		CME programme on Lasers in Oral Mucosal Lesions ,2015	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur.	15 th December 2015
13.		International symposium on “Oral Submucous Fibrosis”	Hotel Pride, Nagpur.	6th- 7th Feb, 2016
14.		Basic forensic medicine & problem based learning in forensic Odontology.	Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur.	10/2/16
15.		International Conference on Oral Medicine and Future of Health Care	Atlanta, Georgia, USA	April 5 – 9, 2016

28 .Student projects

Percentage of students who have taken up in-house projects including inter-departmental projects-10 % (UG) and 73 % (PG).

Postgraduates Projects (Thesis) :			
Sr. No	Title of project	Name of the investigator	Current Status (in Detail)
1	“Assessment of taste perception, salivary flow rate and salivary pH among betel nut/ gutkha chewers without OSMF and with OSMF – a comparative study”	Dr. Rashmi Wasekar	Completed
2	Estimation of serum L fucose levels & serum ceruloplasmin levels in oral leukoplakia, oral submucous fibrosis (pre-cancers) & oral cancers: a comparative study	Dr. Farheen Khan	Completed
3	Sex determination by maxillary molar odontometrics, mesiodistal dimension of permanent maxillary incisor & maxillary canine: a comparative study”	Dr. Shubhangi Badole	Completed
4	Clinical evaluation of the role of tulsi and turmeric in the management of Oral submucous fibrosis.	Dr. Usha Rathod	Ongoing 30 patients done

Postgraduates Projects (other than thesis) :			
Sr. No	Title of project	Name of the investigator	Current Status (in Detail)
5	Comparative study between Mesiodistal dimension of permanent maxillary and mandibular incisors and canines, mandibular canine	Principle investigator Dr. Sunita Kulkarni Co-investigator Dr Rashmi Wasekar, Dr Farheen Khan, Dr. Shubhangi Badole	Completed

	index, Palatine rugae pattern and cheiloscopy for sex determination		
6	Evaluation of role of stress as an etiologic factor for oral lichen planus	Principle investigator Dr. Sunita Kulkarni Co-investigator Dr Rashmi Wasekar	Completed
7	The prevalence of Dental anomalies in the vidharbha region of Maharashtra: A cross-sectional study.	Principle investigator Dr. Rakhi Chandak Co-investigator Dr Farheen Khan	Ongoing 600 patients completed
8	To assess the prevalence of signs and symptoms of temporo-mandibular disorders (TMD) in vidharbhain population by Fonseca's Questionnaire.	Principle investigator Dr. Rakhi Chandak Co-Investigator Dr Rucha Pandhripande	Completed Publication under process
9	A comparative study to evaluate efficacy of reverse orthopantomograph and conventional tomograph in assessment of temporo-mandibular joint.	Principle investigator Dr. Ashish Lanjekar Co-Investigator Dr .Shubhangi Badole	Ongoing 30 patients completed
10	Evaluation of Haller's cells prevalence and characteristics using panoramic radiography.	Principle investigator Dr. Sunita Kulkarni Dr. Usha Rathod	Completed
11	Evaluation of knowledge, attitude and practice regarding positron emission tomography scan among the dentist in Nagpur region –A	Principle investigator Dr. Rakhi Chandak Co-investigator Dr Farheen Khan	Completed

	cross sectional survey.		
12	Prevalence of zygomatic air cell defect on digital panoramic radiograph-a retrospective pilot study	Principle investigator Dr. Sunita Kulkarni Dr. Usha Rathod	Completed
13	Prevalence of recurrent apthous stomatitis in dental student –a Questionnaire based study.	Principle investigator Dr. Sunita Kulkarni Dr. Usha Rathod	Samples collected, sent for statistical analysis

Principle investigator Dr. Rakhi Chandak

Undergraduates Projects :			
Sr. No	Title of project	Name of the investigator	Current Status (in Detail)
1.	“Evaluation of pain perception among females in premenstrual and post-menstrual phase in Central India population”	Payal Kadu (3 rd year)	Send to MUHS for approval
2.	“Prevalence of Temporomandibular Joint Disorders among Dental and medical students in Central India population.”	RajshreeGudhade (3 rd year)	Send to MUHS for approval
3	Prevalence Of Burning Mouth Syndrome In Central Indian Subcontinent.	Neha Kale (3 rd year)	Send to MUHS for approval
4	Aerosols Spread Of Infection Assessment By Air Quality Index In Dental Practice.	Eknoor Kaur Gulati (3 rd year)	Send to MUHS for approval
5.	Evaluation of effect of oral contraceptives on oral cavity and associated structures.	Utkarsha Karemore (3 rd year)	Send to MUHS for approval
6	“Estimation Of Salivary Function In Underprivileged And Tribal Population Of Central India”.	Nitu Dhoot (3 rd year)	Send to MUHS for approval
7	Awareness on dental laws and jurisprudence among dental fraternity.	Gauri Ingale (3 rd year)	Send to MUHS for approval

8	Tooth morphology- a guide to person's stature.	Snehal Zade (3 rd year)	Send to MUHS for approval
9	Awareness of stem cell therapy among dental practioners.	Niharika Avode (3 rd year)	Send to MUHS for approval

- Percentage of students doing projects in collaboration with other universities / industry / institute –NIL (UG) and 27% (PG)

Name	Project	Department	Collaborative Department
Dr.YogeshRathod	Estimation Of Beta Carotene In Osmf Patient.	Swargiya Dadasaheb Kalmegh Smruti Dental College And Hospital, Nagpur.	Vidya Shikshan Prasarak Mandals Dental College and Hospital, Nagpur.
Dr.SonalSonule	Estimation Of Salivary Cortisol Level.	Swargiya Dadasaheb Kalmegh Smruti Dental College And Hospital, Nagpur.	Vidya Shikshan Prasarak Mandals Dental College and Hospital, Nagpur.
Dr.Farheen Khan	Estimation Of Serum Fructose Level And Serum Ceruloplasmin In Pre-Cancerous And Cancerous Lesion.	Swargiya Dadasaheb Kalmegh Smruti Dental College And Hospital, Nagpur.	National Institute Of Miners, Nagpur.

29. Awards / recognitions received at the national and international level by

✓ Faculty-

Sr. No.	Name of Faculty	Awards/Recognition
1	Dr Sunita Kulkarni	Best Dissertation award for Thesis.
2	Dr Rakhi Chandak	Best paper in National Conference; NIDACON 2012."A Report of A Rare Case of Christ – Siemen – Touraine Syndrome" .
3	Dr Ashish Lanjekar	Felicitated at the hands of Hon'ble Minister of Health and Medical Education, Dr. Vijaykumar Gavit at GDC Nagpur on 2 nd of Dec.2011 for was successfully

		treating approximately 1400 patients in “Rugna Seva Darodari” Rural Health Camp held at Nandurbar.

- ✓ Doctoral / post-doctoral fellows –MUHS has not sanctioned post-doctoral fellows in the departments.
- ✓ Students –
 - UG students-
 - Felicitation of the following interns at the hands of Hon’ble Minister of Health & Medical Education, Dr. Vijaykumar Gavitt at GDC Nagpur on 22nd of Dec.2011 for successfully treating approximately 1400 patients in “Rugna Seva Darodari” Rural Health Camp held at Nandurbar. Pratik Jaltare, Pritish Polke, Pawan Dawane, Shashank Nanhe, Mayur Gawande and Vijay Rode.
 - PG students –

Sr. No.	Name of Students	Awards/Acknowledgement
1	Dr. Priyanka Tidke:	Prize for Best scientific Presentation on “Role of stress as an etiologic factor for oral lichen planus” in IAOMR PG Convention 2013, Vadodara.
2	Dr. Sabahat Khan	Best Scientific Paper on “Evaluation of Prevalence and Characteristics of Haller’s Cells on Panoramic Radiography” at National IAOMR P.G Conference 2013, Lucknow.
		First prize for paper presentation on “Photodynamic Therapy” at NIDACON 2013.
		Second prize for paper presentation on “Pemphigus Vulgaris: A Case Report & Review” at NIDACON 2014.
		First prize for poster presentation on “PET – CT Fusion” at NIDACON 2014.
3	Dr. Shubhangi Badole:	Consolation prize for poster presentation on “Functional dentistry” National IAOMR P.G Conference 2014, Mangalore.
		Third prize for paper presentation on “Efficacy of Reverse Orthopantomogram and Pantamogram in the Assessment of Temporomandibular Joint” at IAOMR PG convention 2016, Delhi.
4	Dr. Rucha Pandharipande	Poster presentation on “Artificial Salivary Gland Engineering” at 28th National IAOMR conference,

		Kanyakunari, 2016.won prize for best overall presentation.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.-

List of CDE/ Workshop/Seminar Conducted:

Sr.No	Subject	Date	Funding	No. of participants
1.	New age Dentistry, What after BDS?	19/3/13	Swargiya Dadasaheb Kalmegh Smruti Pratishthan	70
2.	Oral Submucous fibrosis to oral Squamous cell carcinoma –A frequently travelled path	5/7/13	Swargiya Dadasaheb Kalmegh Smruti Pratishthan	57
3.	“Complementary and alternative medicine - Why a modern dentist should know it?”	10/3/14	Swargiya Dadasaheb Kalmegh Smruti Pratishthan	56
4.	Lasers- in oral mucosal lesions.	15/12/15	Swargiya Dadasaheb Kalmegh Smruti Pratishthan	47

31. Code of ethics for research followed by the departments

The code of ethics followed is in accordance with the policies of the Institutional Research Board of College

32 Student profile program-wise:

Selection procedure is done by the AMUPMDC/ NEET/ MH-CET and the data related is available with the competent authority.

33. Diversity of students

Name of the Program (refer to question no. 4)	Year	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BDS	2012	84 %	15 %	1 %	0 %
	2013	90 %	10 %	0 %	0 %
	2014	95 %	2 %	3 %	0 %

Name of the Program (refer to question no. 4)	Year	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
	2015	89 %	7 %	4 %	0 %
	2016	94 %	4 %	2 %	0 %

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MDS –I	50 %	50 %	0 %	0 %
MDS II	100 %	0 %	0 %	0 %
MDS –III	66.66 %	33.33 %	0 %	0 %

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. – Total no of students -5

Dr. Deepak Wathore- DDS,USA

Dr. Arjun Dangare - DDS, USA

Dr. Satyanarayan Pande- Defence Services

Dr. Ambika Narayan- Defence Services

Dr. Srilekha Borkar- Selected in ISB (International School of Business)

35. Student progression

Student progression	Percentage against enrolled
UG to PG	2013 - 1 student (50%) 2014 - 1 student (33.3%)
PG to M.Phil, DM / M Ch / DNB	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed - Campus selection - Other than campus recruitment	-
Entrepreneurs	-

36.Diversity of staff

Percentage of faculty who are graduates	
of the same university	50 %
from other universities within the State	50 %
from universities from other States	NIL
from universities outside the country	NIL

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period–

- Dr. Sunita Kulkarni: -Diploma in Forensic Odontology

38. Present details of departmental infrastructural facilities with regard to

a) Library –

- Books – 42
- e books – 19
- Thesis – 6
- Library Dissertation - 9

b) Internet facilities for staff and students -YES

c) Total number of class rooms- 4Class Room; 1 Seminar Room

d) Class rooms with ICT facility and ‘smart’ class rooms-2

e) Students’ laboratories - 1

f) Research laboratories -3 Biochemistry Lab; Microbiology-Physiology Lab; pathology Lab

39. List of doctoral, post-doctoral students and Research Associates

a) From the host institution/university –Nil

b) From other institutions/universities - 1

40. Number of post graduate students getting financial assistance from the university. –Nil

41. Was any need assessment exercise undertaken before the development of new Program(s)? If so, highlight the methodology:

Yes, an extensive exercise was carried out before the development of postgraduate programme in our department. The feasibility report was prepared and same was submitted.

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, Faculty gives their feedback on curriculum as well as teaching-learning-evaluation through staff meetings. Depending on the feedback, suggestions are given to university authority for further action through the Dean's office.

b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Other than written feedback, regular feedback is obtained from the students through student interaction programmes and small group discussion. The feedback is utilized to produce student support activities.

- For potential learners

Remedial teaching

- Rapid learners

- Challenging them to higher intellectuals

- Research / projects

- Composite module

c) Alumni and employers on the programs offered and how does the department utilize the feedback?

Alumni of the institute are invited in the annual institution function and feedbacks are obtained from them through discussions.

The feedback aids the faculty to develop teaching programmes which would enhance deeper knowledge of the subject as well as development of policies to augment competency of the students considering his/ her future exposure to the society.

43. List the distinguished alumni of the department (maximum 10):

Sr no.	Name Alumni	Current work place
1	Dr. Yogesh Rathod	Senior Lecturer In Chhatrapati Shahu Maharaj Shikshsan Santha's Dental College And Hospital, Aurangabad.
2	Dr. Sabahat Ansari	Senior Lecturer In Dr. Rajesh Ramdasji Kambe Dental College And Hospital Akola
3	Dr. Priyanka Tidke	Senior Lecturer In Mahatma Gandhi Mission's Dental College And Hospital Mumbai.
4	Dr. Sonal Sonule	Practices in Nagpur

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts–

Sr. No	Subject	Date	Funding	No. of participants
1.	New age Dentistry, What after BDS?	19/3/13	Institutional Funding	70
2.	Oral Submucous fibrosis to oral Squamous cell carcinoma –A frequently travelled path	5/7/13	Institutional Funding	57
3.	“Complementary and alternative medicine - Why a modern dentist should know it?”	10/3/14	Institutional Funding	56
4.	Lasers- in oral mucosal lesions.	15/12/15	Institutional Funding	47

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. –

-For Undergraduates

- Evidence based learning.
- Problem based learning - interactive session during Lectures & clinical posting.
- Motivation for research.
- Encouraging to attend conferences.
- Motivation for innovation.
- PowerPoint presentations, Chair side teaching, student projects, Group discussion, seminars, symposium, Hands on experience.

- For Post graduates

- Seminars.
- Journal club Discussions.
- Clinical Case Presentation and Discussions.
- Research Projects.
- Attending conferences, Continuing Dental Education programs.
- Promoting paper and poster presentation.
- Encouraging Research publication.
- Management of variety of clinical cases belonging to different age group employing non pharmacological and pharmacological behavior management techniques.

- Mock practical test for exam going students. Demonstrations
- Appliance Fabrication
- Efficient management of critical clinical cases other activities
- Participation in Camps, School Dental Health Programmes.
- Continuing Dental Education programme & conferences.
- Presentation of paper & posters.

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

UG:

- Part completion tests (Internal Assessment examinations)
- Posting end exams at the end of the clinical posting to assess patient management skills.
- Monitoring the pre-clinical & clinical work of students
- Problem-based learning
- Quarterly Quiz
- Feedback Analysis
- Mock examinations
- Seminars presentations by the students.
- Encouragement for taking up research projects

PG:

- Seminar presentation
- Journal club presentation
- Case discussion
- Comprehensive treatment planning and execution under supervision of staff
- Annual Part completion examinations

47. Highlight the participation of students and faculty in extension activities.-

- Students and faculty participates regularly in continuing dental education programs, hands-on workshops and seminars.
- Students are posted periodically for different dental camps.
- Students and faculty actively participates in road shows, flash mob done for anti-tobacco campaign.

- Anti-Tobacco Day.
- Swaccha Bharat Abhiyaan.
- Camps are conducted

Sr.No	Date	Place	Staff/Student
1.	24/6/2013	Dhamna Village	Dr.Ashish Lanjekar Dr.Sonal Sonule
2.	10/10/2013	Durga Nagar	Dr.Harsha Dhone Dr. Sonal Sonule
3.	28/10/2013	Priyadarshini Institute Of Engineering	Dr.Priyanka Tidke Dr. Sonal Sonule
4.	10/9/2014	Mahanubhav Ashram	Dr. Sonal Sonule
5.	13/1/2015	Kordi	Dr.Rashmi Wasekar
6.	19/1/2015	Dewlapar	Dr.Sonali Akhade
7.	1/3/2015	NMC School	Dr.Farheen Khan
8.	20/3/2015	J.P.School Ganeshpur	Dr.Rashmi Waseker
9.	11/4/2015	Dr Babasaheb Ambedker Magaswargiya Boy's Hostel	Dr.Farheen Khan
10.	24/10/2015	SaiMandir	Dr.Sonal Sonule
11.	19/10/2015	Durga Nagar	Dr.Usha Rathod
12.	23/11/2015	Z.P.School Gimgaon	Dr.Usha Rathod
12.	30/12/2015	Devri	Dr.Rashmi Waseker
13.	10/1/2016	Suhabuldi	Dr.Farheen Khan
14.	16/1/2016	Rajendra Nagar	Dr.Shubhangi Badole
15.	25/1/2016	Babulgaon,Yavatmal	Dr.Usha Rathod
16.	3/8/2016	Junapani Village	Dr.Ashish Lanjekar
17.	8/10/2016	GMC Nagpur	Dr. Rucha Pandhripande
18.	17/10/2016	Navegoan	Dr.Vaishali Agrawal
19.	7/11/2016	SaiMandir	Dr.Usha Rathod
20.	24/12/2016	Wanadongri	Dr.Shubhangi Badole
21.	21/3/2017	Routh Memorial Institute, Wadi.	Dr.Vaishali Agrawal

48. Give details of “beyond syllabus scholarly activities” of the department

- Research Projects.
- UDAAN

- Meet the extraordinary personalities.
- British Club
- All interaction Module
- Local Language Marathi
- Paper/poster presentations by students in conferences.
- Visit to Cone Beam Computed Tomography Centre.
- Visit to Radiology center
- Visit to Dermatology center
- Visit to Radiotherapy center

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. –

Yes, Recognized by DCI and affiliated to MUHS, Nashik.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. –

- The research being conducted on Comparative study between topical Aloe Vera and lycopene for the treatment of oral submucous fibrosis by the department which helps to generate new Knowledge.
- The research being conducted to compare and evaluate the efficacy of single application of topical doxycycline hyclate and tetracycline mouth wash in the management of recurrent aphthous stomatitis- a comparative study by the department which helps to generate new Knowledge.
- The research being conducted on To compare the efficacy of ocimum sanctum & oral antioxidants (SM Fibro) in the management of oral submucous fibrosis: a randomized controlled clinical trial by the department which helps to generate new Knowledge.
- Organizing CDE programs on oral submucous fibrosis, lasers which helps in constant inflow of new ideas and knowledge.
- Library Study Project (18 hour study).
- Monthly Clinico-pathologic meets (Interdepartmental Meet):- Our department faculty is actively involved in discussion and presented few cases to add knowledge in patients planning and treatment.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department. ---

Strengths	• Qualified and approachable teaching faculty. • Regular interactions with students. • Active student's participation in curricular and extra-curricular activities. • Laser focus on student attendance and results especially to achieve honours and gold medals. • Focus on overall development of students • Discipline & Punctuality among staff and students. • Above 90 % results in UG and 100 % results in PG
Weaknesses	• Improvement of UG result • Improvement in students' placements.
Opportunities	• Ability to attain conferences, seminars, workshops. • Excellent motivation for research. • Institutional support to provide employment to passed out students.
Challenges	• Constant upgradation of technologies. • Funding of research from various agencies

52. Future plans of the department -

➤ Academic:

- Evaluation methods like OSCE & OSPE to be included.
- Recent diagnostic aids like CBCT, 3D-CT, Imaging technique to be included in teaching.
- Comprehensive Oral Pre-cancer Detection and Treatment Planning.
- Training to be imparted to Post graduates regarding use of new diagnostic aids such as DVT, CBCT and newer diagnostic aids.
- Inter- departmental activities with Oral Medicine and Radiology – Oral Surgery, Oral Medicine and Radiology –Oral Pathology.

- Inter-institutional & interdisciplinary research activities.

- Collaboration with Foreign Universities.

➤ Research:

- Interdisciplinary research with establishing of Genetic Lab, and other Institutes like VNIT Nagpur, and NEERI.

- Increasing research activities and short term study projects.

➤ Services:

- Application of newer diagnostic aids in clinical practice.

- Anti –Tobacco drive and oral pre-cancer and cancer awareness.

➤ Infrastructure:

- To start an integrated pain clinic for all types of Orofacial pain

- Manual dental chairs to be replaced by electrical Dental chairs and unit.

Evaluative Report of the Department

- 1. Name of the Department** :- Department of Prosthodontics, Crown and Bridge
- 2. Year of establishment**:- UG BDS 2006, (Third BDS : 2008)
PG MDS 2011
- 3. Is the Department part of a college/Faculty of the university?** :- Yes MUHS Nashik
- 4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)**
Under graduate : Bachelor of Dental Surgery (B.D.S.)
Post graduate : Master of Dental surgery (M.D.S.) in Prosthodontics, Crown and Bridge
- 5. Interdisciplinary programmes and departments involved:**
Departments involved in interdisciplinary programs are: Prosthodontics Crown and Bridge and Conservative Dentistry and Endodontics, Oral Pathology and Microbiology

Sr. No.	Date	Program	Department involved
1.	31/07/2013	Post & Core	Prosthodontics and Conservative Dentistry and Endodontics
2.	27/11/2013	Diagnostic aspects and Rehabilitation of Oligodontia	Prosthodontics and Oral Pathology and Microbiology
3.	29/01/2014	Inter- disciplinary Approach	Prosthodontics , Periodontology and Conservative Dentistry and Endodontics
4.	30/03/2015	Prosthodontic Rehabilitation of Root Resected Teeth	Prosthodontics and Periodontology
5.	24/04/2015	Management of Badly Carious Teeth	Prosthodontics and Conservative Dentistry and Endodontics

6. Courses in collaboration with other universities, industries, foreign institutions,

Nil

7. Details of programs discontinued, if any, with reasons:

Nil

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:

- Annual system of examination: I,II & III BDS and
- Semester system of examination: Final year BDS.
- Annual Pattern will be followed for Final BDS from Academic session 2017-2018 as per MUHS Circular 07/2017 dated 20/01/2017.
- University examination after satisfactory completion of 3 years for MDS as per DCI and MUHS Nashik.

9. Participation of the department in the courses offered by other departments:

Nil

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	DCI Requirement	Sanctioned	Actual and Filled
Professor	01	01	01
Associate Professor/Reader	02	02	02
Lecturer	04	02	02
Tutor / Clinical Instructor	04	06	06
Total	11	11	11

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S. No.	Name	Qualification	Designation	Teaching Experience	Area of specialization	Research under guidance

1.	Dr Jaykumar Gade	MDS	Professor &HOD	24 yrs	Prosthodontics	09
2.	Dr Ganesh Bajaj	MDS	Reader	11yrs 3 months	Prosthodontics	03
3.	Dr Krishna Lahoti	MDS	Reader	10 years 3 months	Prosthodontics	06
4.	Dr Jasmeet Singh Chandhok	MDS	Lecturer	6 years	Prosthodontics	-
5.	Dr Jayashree Sajjanar	MDS	Lecturer	1year 4 months	Prosthodontics	-
6.	Dr Prashant Tamgadage	BDS	Tutor	4 Years 3 Months	-	-
7.	Dr Prateek Gurve	BDS	Tutor	4 Years 3 Months	-	-
8.	Dr Amit Mihani	BDS	Tutor	8 Years	-	-
9.	Dr Ambrish Kolarkar	BDS	Tutor	3 Years 10 Months	-	-
10.	Dr Shraddha Choukse	BDS	Tutor	1year 3 Months	-	-
11.	Dr Nishant Sorde	BDS	Tutor	3 Years	-	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Visits of senior faculty from various disciplines are regularly arranged by the institute as well as the department through various interaction programs with students, conducting examinations, inspections, synopsis presentation, guest lectures, Orientation etc.

13. Percentage of classes taken by temporary faculty – 0%, Nil

14. Program-wise Student Teacher Ratio :

Program	Student Teacher Ratio
BDS	20:1
MDS	1:1

15. Number of academic support staff (technical) and administrative staff: sanctioned,

Staff	Sanctioned	Filled	Actual
Dental Technicians	03	02	02
Store Incharge	01	01	01
Computer operator	01	00	00
DSA	01	00	00
Attendant	03	02	02
Receptionist	01	00	00
Total	11	05	05

16. Research thrust areas as recognized by major funding agencies

- All Ceramic Materials
- Implantology
- CAD-CAM technology
- Temporomandibular disorders
- Snoring and related diseases
- Zirconia

17. Number of faculty with ongoing projects from a) national b) international Funding agencies and c) Total grants received. Give the names of the funding Agencies, project title and grants received project-wise.

Number of faculty with ongoing projects – 03

Sr no.	Title of project	Name of Faculty	Funding agency	Grants Status
1.	An innovative method of using an unused	Dr. Jasmeet	MUHS Nashik	Rs.1,06,000/- under process

	implant fixture mount as an implant analog and impression coping for making a definitive prosthesis using open mouth impression technique	Chandhok		of approval
2.	Evaluation of Awareness of Implants amongst Qualified dental Practitioners in Central India.	Dr. Krishna kumar Lahoti	MUHS Nashik	Rs.8600/- Grant received
3.	A comparative analysis of masticatory efficiency and patient satisfaction of mandibular single implant overdenture retained with ball and locator attachment	Dr.Ganesh Bajaj	Swargiya Dadasaheb Kalmegh Smruti Pratishthan	Grant approved

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

Collaborations with following centre

a) National Collaborations

- Praj Laboratory Institute, Pune to test mechanical properties of various Dental Materials.
- VNIT, Nagpur for testing the Vicker's hardness for materials.

Total grants received from funding agencies –

Sr no.	Name of Investigator	Project Name	Institute	Funding agency	Total Grants Received
1.	Dr. Jasmeet Chandhok	An innovative method of using an unused implant fixture mount as an implant analog and impression coping for making a definitive prosthesis using open mouth impression	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	MUHS Nashik	Rs.1,06,000/- under process of Approval

		technique			
2.	Dr. Krishna kumar Lahoti	Evaluation of Awareness of Implants amongst Qualified dental Practitioners in Central India.	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	MUHS Nashik	Rs.8600/- Grant received

b) International collaboration: Nil

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. Nil

20. Research facility / centre with

- State recognition – Nil
- National Recognition- Nil
- International recognition- Nil

21. Special research laboratories sponsored by / created by industry or corporate Bodies Nil

22. Number of papers published in peer reviewed journals (national / international):

- Total Publications: 54
- Number of National Publications: 10
- Number of International Publications: 29
- Number of Local Publications: 15

● **Monographs** - Nil

● **Published Book** – Nil

● **Books edited** - Nil

● **Books with ISBN with details of publishers** – Nil

● **Number listed in international database (For e.g. Web of science, Scopus, humanities International Complete, Dare Database – international social Sciences Directory, EBSCO host, Mediline etc.)** : 39

Citation Index: Range: 0-15

Impact Factor: Range: 0-2.78.

SNIP (source normalized impact per paper): Range: 0-0.358.

SJR (SC Imago Journal Rank): Range: 0- 0.229.

h-index Author wise: Range: 0-3.

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated

Consultation is given free in department, we provide free services to elderly patients only crowns and bridges work is charged to the patient.

Consultations to elderly patients were given in camps free of cost & patients referred from these camps are treated in the college. Removable Prosthesis is Free of cost & Fixed Prosthesis is done at Nominal affordable cost.

25. Faculty selected nationally/ internationally to visit other laboratories / institutions

/industries in India and abroad Nil.

26. Faculty serving in a) National committees b) International committees c) Editorial

Boards d) any other (specify)

Dr. J. R. Gade

1. Member board of under Graduate studies at MUHS, Nashik.
2. Member board of studies at D. Y. Patil Deemed University, Pune.
3. PhD Guide at Pacific University, Udaipur.
4. Founder member of UG syllabus in the subject of prosthetic dentistry at MUHS, Nashik.
5. President- elect IPS Nagpur.

Dr. G. B. Bajaj

1. Life Member , Indian Dental Association
2. Life Member, Indian Prosthodontic Society
3. Treasurer of Indian Prosthodontic Society, Nagpur .
4. Reviewer Board Member, Journal of Indian Prosthodontic Society.
5. Committee member of Trade & Fund Raising-17th Indian Prosthodontic Society, Student Convention, Nagpur.
6. Executive committee member IPS Nagpur.
7. Scientific committee convener NIDACON 2016-17

Dr. K. S. Lahoti

1. Joint Organizing Secretary 62nd Indian Dental Conference, Nagpur
2. Founder President Vidarbha Academy of Dental Sciences, Nagpur.
3. Treasurer NIDACON 2013,2014
4. Reception committee Chairman NIDACON 2015,2016
5. Editorial Board Member Journal of Advanced Dental & Medical Sciences
6. Reviewer Board Member International Journal of Preventive & Restorative Dentistry
7. Convener- Essay Competition 17th Indian Prosthodontic Society, Student Convention, Nagpur
8. Editor scientific committee IPS Nagpur
9. Convener, Scientific committee NIDACON 2017

27. Faculty recharging strategies (Refresher / orientation programs, workshops, Training programs and similar programs).

College encourages the faculty to attend

1. National Conferences and Conventions
2. CDEs and Workshops
3. Research methodology programs
4. Teachers training programs

Programs attended by staff in the last five years: Total Number- 60

Serial no	Year (June to May)	No. of programmed attended by staff
1.	2012-2013	7
2.	2013-2014	11
3.	2014-2015	9
4.	2015- 2016	13
5.	2016- 2017	11
6.	2017-Till date	4

Total	55

28. Student projects

Percentage of students who have taken up in-house projects including interdepartmental projects:

UG – 10%

PG –100%

Sr no.	Title of project	Name of Faculty	Funding agency	Grants Status
1.	Evaluation of Awareness of Implants amongst Qualified dental Practitioners in Central India.	Mr Krishna Bhonde Guided by Dr. Krishnakumar Lahoti	MUHS Nashik	Rs.8600/- Grant received
2	Comparative evaluation of compressive strength, modulus of elasticity, net setting time of four different luting agent: An in vitro study.	Dr. Rupesh Vaidya Guided by Dr. Krishnakumar Lahoti	Swargiya Dadasaheb Kalmegh Smruti Pratishthan	Grant approved
3	Evaluation of Antibacterial effects of conventional luting cements containing Chlorhexidine diacetate and cetrimide- In vitro study	Dr. Rupesh Vaidya Guided by Dr. Krishnakumar Lahoti	Swargiya Dadasaheb Kalmegh Smruti Pratishthan	Grant approved

4	Comparative evaluation of stress distribution patterns of two implant supported maxillary overdentures with three different attachment systems. A 3D finite element analysis.	Dr. Neha Khodaskar Guided by Dr Jay Kumar Gade	Swargiya Dadasaheb Kalmegh Smruti Pratishthan	Grant approved
5	Comparison of bone mapping and CBCT for planning dental implant placement, An Vivo Study	Dr Arihant S Bathiya Guided by Dr.Ganesh Bajaj	Swargiya Dadasaheb Kalmegh Smruti Pratishthan	Grant approved
6	Incidence of visibility of incisive on CBCT, An Vivo Study	Dr Arihant S Bathiya Guided by Dr.Ganesh Bajaj	Swargiya Dadasaheb Kalmegh Smruti Pratishthan	Grant approved
7	A Comparative evaluation of vertical dimension of occlusion determined by lateral cephalogram and lateral profile photography	Dr. Ashish Naik Guided by Dr Jay Kumar Gade	Swargiya Dadasaheb Kalmegh Smruti Pratishthan	Grant approved
8	A comparative evaluation of tensile strength of light and dual polymerizing core build up material with dentin	Dr. Ashish Naik Guided by Dr Jay Kumar Gade	Swargiya Dadasaheb Kalmegh Smruti Pratishthan	Grant approved
9	The effect of different polishing techniques on the surface roughness of denture base acrylic resin	Dr. Prajakta Thool. Guided by Dr Jay Kumar Gade	Swargiya Dadasaheb Kalmegh Smruti Pratishthan	Grant approved
10	To evaluate dimensional accuracy of impression materials following chemical	Dr. Neha Alone Guided by Dr Jay Kumar Gade	Swargiya Dadasaheb Kalmegh Smruti Pratishthan	Grant approved

	disinfectants.			
11	A comparative evaluation of the effect of change in dental chair inclination on the centric and eccentric occlusion contacts between patients with and without crown prosthesis	Dr. Sonam Agrawal Guided by Dr. Krishnakumar Lahoti	Swargiya Dadasaheb Kalmegh Smruti Pratishthan	Grant approved
12	Reliability of most commonly used anthropological parameters to determine the selection of anterior teeth in central Indian population.	Dr. Yogesh Mahale Guided by Dr. Ganesh Bajaj	Swargiya Dadasaheb Kalmegh Smruti Pratishthan	Grant approved
13	To study the prevalence of stress and burnout in dental post graduate students in central India.	Dr. Mangesh Ulemale Guided by Dr. Ganesh Bajaj	Swargiya Dadasaheb Kalmegh Smruti Pratishthan	Grant approved

29. Awards / recognitions received at the national and international level by:

Faculty: 01

1. Dr Krishna kumar Lahoti -Best Editor Award IDA

Students: 08

Students Name	Awards
Miss. Priyanka Podutwar	First in Maharashtra university of health sciences Nashik in the subject of Prosthodontics.
MS Aushali Mahule	Highest marks in Prosthodontics IDA Nagpur.
MS Namrata Khetal	Highest marks in Prosthodontics IDA Maharashtra Branch.
Dr. Mohsin Quazi (PG student)	First Prize in NIDACON IDA Nagpur for paper presentation.
Dr. Snehal Chahande (PG student)	2 nd PRIZE in NIDACON IDA Nagpur for poster presentation.
Dr Vaibhavi Belwalkar (PG student)	2 nd PRIZE in 15 th IPS annual PG convention, Ghaziabad for paper

	presentation.
Dr. Mohsin Quazi (PG student)	2 nd PRIZE in 41 st IPS National Conference for paper presentation.
Dr. Abhay Narayane (PG student)	1 ST PRIZE in 41 st IPS National Conference for paper presentation.
Dr. Rupesh Vaidya and Dr. Neha Khodaskar (PG student)	1 st PRIZE in 17 th IPS PG Convention Nagpur for Table clinic presentation.

30. Seminars/ Conference/ Workshops organised and the source of funding

(National/

International) with details of outstanding participants, if any.

Year	Date	Event	No of participants	Resource person	Funding agency
2011	18-11-2011	CDE Program Articulators	34	Dr.Rajesh Sethuraman	Institution
2013	31-07-2013	CDE on Post And Core	25	Dr.Harpreet Singh	Institution
2014	27-05-2014	CDE Program on 'Esthetic in complete denture' & ' Prosthodontic consideration in periodontal compromised patients'	29	Dr. Surekha Godbole & Dr. Neelam Pande	Institution
2016	23-11-2016	Intern orientation program	85	Dr Jasmeet Singh Chandhok	Institution
2017	18-01-2017	3D digital smile designing	85	Dr Umesh Palekar	Institution

31. Code of ethics for research followed by the departments:

The institution has Institutional Ethical committee .The core of ethics is engraved in students minds during their training by means of regular classes, as well as guest lectures and CDE programmes.

32. Students profile program-wise:

Selection procedure is done by the AMUPMDC/ NEET/ MH-CET and the data related is available with the competent authority.

33. Diversity of students

Name of program	Academic year	% of students from same university	% of students from other university within the state	% of students from other university outside the state	% of students from other university from other country
BDS	2012	84	15	1	0
	2013	90	10	0	0
	2014	95	2	3	0
	2015	89	7	4	0
	2016	94	4	2	0
MDS	2012	-	100	-	-
	2013	33.3	33.3	33.3	0
	2014	100	-	-	-
	2015	66.6	-	33.3	-
	2016	100	-	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise

Total no of students – 5

Sr. No	Name of the students	Selection
1	Dr. Deepak Wathore	DDS USA
2	Dr. ArjunDangare	DDS USA
3	Dr. SatyanarayanPande	Defense Services
4	Dr. Ambika Narayan	Defense Services
5	Dr. Srilekha Borkar	ISB (International School of business)

35. Student progression

Sr. No	Name of the students	UG to PG	Year
1.	Neha Khodaskar	MDS	2014
2.	Prajakta Thool	MDS	2016
3.	Neha Alone	MDS	2016

36. Diversity of staff:

Percentage of faculty who are graduates

Details of faculty	Percentage
Of the same university	16.6%
From other universities within the state	66.6%
From universities from other states	16.6%
From universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt.during the assessment period Nil

38. List of doctoral, post-doctoral students and Research Associates

a) From the host institution/university: None

b) From other institutions/universities: None

39. Present details of departmental infrastructural facilities with regard to

a) Library –

LIBRARY RECORDS	NO
Number of Books	44
Number of Titles	41
Number of journals	23
Title of journals	08
Online access of journals	229
CD	08
Library Dissertation-	15
Dissertation	12

b) Internet facilities for staff and students: 02 computers with internet facility

c) Total number of class rooms – 04

Seminar room -01

d) Class rooms with ICT facility and ‘smart’ class rooms –Yes, 4+1 (PPT

and CD For Lectures available in department)

e) Students laboratories – Yes Available

f) Research laboratories – Yes Available

40. Number of post graduate students getting financial assistance from the university.

None

41. Was any need assessment exercise undertaken before the development of program

s)? If so, highlight the methodology. Yes,

An extensive exercise was carried out before the development of PG program in our department. The feasibility report of the same was prepared & submitted.

42. Does the department obtain feedback form.

a) Faculty on curriculum as well as teaching-learning-evaluation?

Yes, faculty obtain their feedback on curriculum as well as teaching-learning-evaluation and discussed it in the staff meeting. Depending on the feedback, suggestions are given to university Authority through the Dean office for further action.

b) Students on staff, curriculum and teaching-learning-evaluation?

Yes, Other than Written Feedback, regular feedback is obtained from the students through student interaction programmes and small group discussion. The feedback is utilized to produce student support activities.

For Potential learners

- Remedial teaching

Rapid learners

- Challenging them to higher intellectuals
- Research / projects
- Composite module

c) Alumni and employers on the programs offered

Yes, Alumni of the institute are invited in the annual institutional function and feedbacks are obtained from them through discussions.

The feedback aids the faculty to develop teaching programmes which would enhance deeper knowledge of the subject as well as development of policies to augment competency of the students considering his/ her future exposure to the society.

43. List the distinguished alumni of the department (maximum 10):

Post Graduates	Achievements
Dr. Vaibhavi Belwalkar	Practice in Mumbai
Dr. Mohsin Quazi	Sr. Lecturer And Practice in Nagpur
Dr. Snehal Chahande	Sr. Lecturer And Practice in Nagpur
Dr. Abhay Narayane	Sr. Lecturer And Practice in Nagpur
Dr. Abhishek Dontulwar	Practice in Nagpur
Dr. Vinay Singh Pawar	Practice in Nagpur

44. Give details of student enrichment programs (special lectures / workshops / seminar)

Involving external experts.

Workshops conducted by the Department

Year	Department	Date	Event	Speaker
2011	Prosthodontics	18-11-2011	CDE Program Articulators	Dr.Rajesh Sethuraman
2013	Prosthodontics	31-07-2013	CDE on Post And Core	Dr.Harpreet Singh
2014	Prosthodontics	27-05-2014	CDE Program on 'Esthetic in complete denture' & 'Prosthodontic consideration in periodontal compromised patients'	Dr. Surekha Godbole & Dr. Neelam Pande
2016	Prosthodontics	23-11-2016	Intern orientation program	Dr Jasmeet Singh Chandhok
2017	Prosthodontics	18-01-2017	3D digital smile designing	Dr Umesh Palekar

45. List the teaching methods adopted by the faculty for different programs including

Clinical teaching.

Undergraduates

- Didactic lectures
- Power point presentation
- Blackboard.

- Models/ videos /charts.
- Evidence based learning
- Problem based learning - interactive session during Lectures & clinical posting
- Motivation for research
- Encouraging attending conferences
- Motivation for innovation
- Chair side teaching
- Student projects
- Group discussion
- Seminars
- Symposium
- Hands on experience of material manipulations

Demonstration

- Pre clinical exercise like Removable Complete Denture ,
- Tooth preparation on typhodonts.

Post graduates

- Seminars.
- Journal club Discussions.
- Clinical Case Presentation and Discussions.
- Research Projects.
- Attending conferences & CDE programs.
- Promoting paper and poster presentation.
- Encouraging Research publication.
- Mock practical test for exam going students.

Demonstrations

- Removable Prosthodontic appliance Fabrication
- Efficient management of critical clinical cases
- Implant placement

46. How does the department ensure that program objectives are constantly met and

Learning outcomes are monitored?

- Regular feedbacks are taken from students at end of every topic and end of every term.
- Regular undergraduate schedules are made and displayed to the students which have allowed us to ensure that the program objectives are met.
- Formative evaluation after every topic by giving multiple choice questions and evaluation.
- Summative evaluation by internal assessment examinations.
- By introducing Problem based and evidence based learning.
- Continuous assessment through regular Clinical posting, and posting-end examination with internal assessments and viva voce.
- Interaction Module

47. Highlight the participation of students and faculty in extension activities.

Sr. No	Name Of Program	Name Of Staff/ Student(s) Involved In The Program	Date	Objective
1	Anti-Addiction Rally	UG & PG Students, Teaching & Non-teaching Staff	2 nd October 2013	Gandhi Jayanti
2	Anti-Tobacco Rally	UG & PG Students, Teaching & Non-teaching Staff	9 th August 2014	August Kranti Day
3	One day Complete denture camp	UG & PG Students, Teaching & Non-teaching Staff	10 th September 2014	--
4	Swachhata Abhiyan	UG & PG Students, Teaching & Non-teaching Staff	2 nd October 2014	Gandhi Jayanti
5	Tree plantation	UG & PG Students,	8 th November	Swargiya

		Teaching & Non-teaching Staff	Every year	DadaSaheb Kalmegh Birth Anniversary
6	Yoga Day	UG & PG Students, Teaching & Non-teaching Staff	21st June 2015	International Yoga Day
7	One day Complete denture camp	UG & PG Students, Teaching & Non-teaching Staff	22 nd December 2016	Prosthodontic day

48. Give details of

“beyond syllabus scholarly activities” of the department.

- British Club.
- Making Charts and Models by Undergraduate students.
- Research projects taken up by undergraduate students.
- Quiz.
- White coat ceremony. UDAAN
- Paper / posters / Lectures / Workshops / preconference presentation by Faculty & PG.
- Library Study Drive – 18 hours continuous Reading

49. State whether the program/ department is accredited/ graded by other Agencies? If yes, give details.

Yes, by DCI and MUHS

50. Briefly highlight the contributions of the department in generating new Knowledge, basic or applied.

- Department carries out various projects that helps in designing and treatment planning of implantology.
- The teaching staff is constantly in search of improving and simplifying the subject with the help of self-explanatory models to facilitate better understanding of the subjects.
- Educational posters

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC)

of the department.

Strengths:

- Department has a very well trained and dedicated faculty.

- Faculty has over 54 publications in National and International Indexed journals. This creates an atmosphere of research and scientific writing. Four of the faculties are members of Editorial Boards of National Journals.
- Department has sufficient clinical material, which makes our department well ahead of others.
- Department has a fully functional and very well equipped dental laboratory.
- Department has good inflow of patients and all treatments are done under one roof and free for elderly patients.

Weaknesses:

- Technologies like CAD/CAM and CBCT needs to be introduced..
- Faculty needs to pursue PhD.

Opportunities:

- Skill enhancement of the faculty through various Workshops at national and international level for advanced diagnostic and therapeutic training.
- Department can utilize the Dental Laboratory for the commercial purpose by in sourcing the lab work for general dental practitioners.
- To take up the short and long term research, approved by the major research institutions.
- To establish a centre for Maxillofacial Prosthodontics.
- Start a certificate course on Digital Smile Designing.
- Specialized training in treatment of sleep apnea needs to be introduced.

Challenges:

- To maintain the balance between fast developing field of implantology and esthetics to provide world class treatment and affordability of our patients.
- To get funds from Indian Dental material manufacturer for research activities.
- Involve faculty in research with foreign universities.
- MOUs to have collaboration with industries.
- Get research approval and grants by Govt. funding agencies.

52. Future plans of the department.

• Academic:

- Evaluation methods like OSCE & OSPE to be included.

- Recent diagnostic aids like CBCT, 3D-CT, Imaging technique to be included in teaching.

- Training to be imparted to Post graduates regarding use of new diagnostic aids such as DVT, CBCT & CAD CAM softwares

- **Other:**

- Faculty to be trained for management of sleep apnea & CAD-CAM.

- **Research:**

Interdisciplinary research with genetic Lab, VNIT Nagpur, NEERI.

To provide more research opportunities and encourage Prosthodontic research for BDS students.

- **Services:**

- Application of newer diagnostic aids in clinical practice.

Evaluative Report of the Department

1. Name of the Department :

PUBLIC HEALTH DENTISTRY

2. Year of establishment:

2006 (Third BDS : 2008)

3. Is the Department part of a college/Faculty of the university?:

Yes, the department is a part of the institute & is affiliated to MUHS, Nashik

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) :

UG: BDS (Bachelor of Dental Surgery)

5. Interdisciplinary programs and departments involved

Dental Departments involved: Department of Periodontology, Orthodontics and Dental Orthopaedics, Paediatric and Preventive Dentistry, Oral Maxillofacial Surgery,

Conservative Dentistry and Endodontics, and Prosthodontics and Crown and Bridge

Medical specialties: Department of General Human Anatomy, General Human Physiology, Biochemistry, Dental Anatomy Embryology and Oral Histology, Dental

Pharmacology and Therapeutics, General Pathology, Microbiology, General Medicine,

General Surgery, and Oral Pathology and Microbiology.

6. Courses in collaboration with other universities, industries, foreign institutions, etc. – Nil

7. Details of programs discontinued, if any, with reasons –

Nil

8. Examination System:

For BDS

- I, II & III BDS: Annual pattern
- IV BDS : Semester pattern
- Annual pattern would be followed for IV BDS from academic session 2017-18/Summer 2018 as per MUHS circular no 07/2017 dated 20th January, 2017

9. Participation of the department in the courses offered by other departments— Nil

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)--

	DCI Requirement	Sanctioned	Filled & Actual
Professor	-	-	-
Associate Professor/Reader	1	1	1
Assistant Professor	-	-	-

	DCI Requirement	Sanctioned	Filled & Actual
Professor	-	-	-
Lecturer	1	1	1
Tutor / Clinical Instructor	2	2	2

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Juzer Rasul	BDS	Reader	-	18 years
Dr. Manjiri Deshmukh	MDS	Sr Lecturer	MDS in Public Health Dentistry	1 year 6 months
Dr. Nitin Masram	BDS	Tutor	BDS	7 years
Dr. Nishant Sorte	BDS	Tutor	BDS	8 years

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Visits of senior faculty from various disciplines are regularly arranged by the institute as well as department. They include guest lectures, orientation programs, workshops, etc

13. Percentage of classes taken by temporary faculty – program-wise information:
0%; Nil (We do not have any temporary faculty.)

14. Program-wise Student Teacher Ratio:

Under-graduate- 50:1

15. Number of academic support staff (technical) and administrative staff:
sanctioned, filled and actual—

	Sanctioned	Filled	Actual
Peon / Attendant	1	1	1
Dental Hygienist	-	-	-
Driver	2	4	4
Bus helper/cleaner	-	2	2

16. Research thrust areas as recognized by major funding agencies—

- Epidemiological Studies & surveys
- Prevalence of Tobacco Habits

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.-

S. No	Topic Name	Faculty	Funding Agency
1	Epidemiological study on	Dept of Orthodontics,	Institute

	fluorosis in Wagdhara village	Dr. JuzerRasul, DrManjiriDeshmukh	
2	Oral health status of school going children in Nagpur City	Dr. JuzerRasul	Institute
3	Effect of tobacco consumption in school going children after its ban by government	DrBhalerao, Dr. JuzerRasul	Institute

18. Inter-institutional collaborative projects and associated grants received:

- a) National collaboration: Nil
- b) International collaboration : Nil

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : Nil

20. Research facility / centre with

- State recognition – Nil
- National recognition :- Nil
- International recognition: Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil

22. Publications:

- * Number of papers published in peer reviewed journals (national / international) :

Name	No of publications
DrManjiriDeshmukh	13

- * Monographs: Nil
- * Chapters in Books : Nil
- * Books edited: Nil
- * Books with ISBN with details of publishers: 1

Sr no	Book with ISBN no	Publisher
1	Short Handbook on Evidence-based Dentistry (ISBN 978-3-659-81024-4)	LAP LAMBERT Academic Publishing

- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) 13
- * Citation Index: 0-11
- * H-index: 0-2
- * SNIP: Range: 0.617-0.793
- * SJR: Range: 0.291-0.757
- * Impact Factor – Range 0.114-1.09

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated:

Under the project titled READY (Rural Education and Awareness of Dentistry Yojana), expert consultancy services are provided by specialist dentists at Hingna & Wadi Satellite clinics as also, free oral health screening & treatment is

provided at 3 adopted villages: Suraburdi, Bazargaon&Sangam and adopted institutes like Ruth Hostel, etc

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad – Nil

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify)

1. DrJuzerRasul:

a. NSS Programme Officer of the institute

2. DrManjiriDeshmukh

a. Member of Indian Dental Association

b. Life Member of Indian Association of Public Health Dentistry (IAPHD)

c. Member of IAPHD Maharashtra Chapter

d. Reviewer at Indian Journal of Dental Research (IJDR)

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

1. Dr Juzer Rasul

1. Workshop for dental professionals for DCI National survey on availability of Dental Health manpower at Sinhagad Dental College, Pune on 21st Dec.2010.

2. NSS orientation course for programme officers from 13th to 18th Feb, 2012.

3. Rugnaseva Darodari Abhiyan at Nandurbar on 28th Feb, 2013.

4. Training for trainers on social harmony, National unity & human rights in collaboration with NSS from 2-1-2013 to 8-1-2013.

5. Learning from the experts: A course for Healthcare Professionals on 9th September, 2013 from John Hopkins University.

6. Workshop on Ethics at DY Patil University, Pune from 3-5 August, 2015

7. Workshop on tribal health from 18th to 19th March 2016.

8. Attended NSS Workshop at MUHS, Nashik on 3.9.16

2. Dr.Manjiri Deshmukh:

1. CDE on “Pediatric Endodontics” held at SharadPawar Dental College, Sawangi on 11th October, 2008

2. 62nd Indian Dental Conference (IDC) held at Nagpur from 12th to 15th February, 2009

3. CDE on “Forensic Odontology” held at VSPM Dental College, Nagpur on 11th December, 2009

4. CDE workshop on “Research Methodology & Biostatistics” held at D.Y. Patil Dental College, Pimpri on 10th, 11th & 12th September, 2012

5. XVII National Conference of IAPHD held at Chennai on 23rd, 24th & 25th November, 2012.

- Presented poster on the topic “Equality in Quality – The Norm in Accessibility” on the theme “Affordable, Accessible, Sustainable Oral Health Care”
- 6. VII National PG Convention organized by IAPHD held at Vijaywada on 21st & 22nd June, 2013.
 - Presented Table Top Model titled “RVG on the move!!!” at VII National PG Convention organized by IAPHD.
 - Participated in Quiz Competition at VII National PG Convention organized by IAPHD.
- 7. XVIII National Conference of IAPHD held at Lucknow on 22nd, 23rd & 24th November, 2013.
 - Presented scientific e-poster titled “Phoenix for Prevention: Tea Ash” at XVIII National Conference of IAPHD held at Lucknow.
 - Participated in Essay Competition on “Oral Health Care Needs, Demand and Utilization in India”
- 8. CDE program on “Hands-on Course on Implant Placement” at ACPM Dental College, Dhule on 2.8.14
- 9. Annual World Dental Congress 2014 organized by FDI held at Greater Noida, New Delhi on 11th, 12th, 13th and 14th September, 2014
 - Presented scientific paper titled “Perception of MDS students towards Plagiarism in Maharashtra”
- 10. CDE - “Anveshana” – Fundamentals in Health Care Research (Workshop on Research Methodology) organized by Department of Public Health Dentistry and Department of MET – MUHS, Nashik at ACPM Dental College, Dhule on 9th, 10th and 11th March, 2015
- 11. CDE/Workshop on Tobacco Cessation organized by Department of Oral Pathology at VSPM Dental College, Nagpur on 30th November, 2015

28. Student projects -

- percentage of students who have taken upin-house projects including inter-departmental projects: Nil
- percentage of students doing projects in collaboration with other universities / industry / institute: Nil

29. Awards / recognitions received at the national and international level by

- Faculty:
 - Dr Rasul& team of dept of Public Health Dentistry: Felicitation at the hands of Hon’ble Minister of Health & Medical Education Dr. VijaykumarGavit for Successfully treating approximately 1400 Patients in “*RugnasevaDarodari*” Rural Health Camp at Nandurbar at GDC Nagpur on 22.12.2011 to -
 - Dr Manjiri Deshmukh: Secured second merit position in MDS examination conducted by MUHS, Nashik in the subject of Public Health Dentistry in Summer, 2015

- Felicitation of Dr Rasul at the hands of Hon'ble Pro-Vice Chancellor MUHS Dr Khamgaonkar Sir for successfully organizing SPANDAN 2017 on 5.3.17

- Doctoral / post-doctoral fellows: NA
- Students: Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any –

Year	Conference/Workshop with Date	Level	Name of Resource Person
2015	• Traffic Rules Awareness Program 5.2.15 • Workshop on Yoga on 21.6.15 • Workshop on Bioethics 31.7.15 • Workshop on Anti Ragging 14.12.15	College College University College	Police Inspector MrPande, Dr J Rasul Dr J Rasul Prof DrArunJamkar Dr J RasulDr MK Gupta, Dr J Limje
2016	• Workshop on Anti Ragging 20.1.16 • Workshop on Yoga 22.6.16	College College	Dr Rahul Hegde Yoga experts Ashok Dhoke&ArunKhandagale from Shanti Kunj, Haridwar, DrHazarey Ma'am
2017	• Workshop on Anti Ragging 20.1.17	College	DrMansingPawar, Dr MK Gupta, Dr J Rasul

31. Code of ethics for research followed by the departments:

The institute has a functional Institutional Ethical Committee. The core value of ethics is engrained in the students' minds during their training by means of regular classes as well as guest lectures and CDE programs.

32. Student profile program-wise:

Selection procedure is done by the AMUPMDC/ NEET/ MH-CET and the data related is available with the competent authority.

33. Diversity of students

Name of Programme	Year	% of students from same university	% of students from other university within the state	% of students from other university outside the state	% of students from other university from other country
BDS	2012	84 %	15 %	1 %	0 %
	2013	90 %	10 %	0 %	0 %
	2014	95 %	2 %	3 %	0 %
	2015	89 %	7 %	4 %	0%

	2016	94 %	4 %	2 %	0%

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise –

- DrArjunDangare: 2006 Batch: DDS USA
- DrSatyanarayanPandey: Defense Services
- DrAmbika Narayan: Defense Services
- DrSrilekhaBorkar: Selected in ISB (International School of Business)

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	-
PG to M.Phil, DM / M Ch / DNB	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	NA
• Campus selection	
• Other than campus recruitment	
Entrepreneurs	-

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	50 %
from other universities within the State	50 %
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period :Nil

38. Present details of departmental infrastructural facilities with regard to

- Library:Departmental Library--- 11Books & 89 seminars
- Internet facilities for staff and students:Yes
- Total number of class rooms: 03
- Class rooms with ICT facility and 'smart' class rooms: 02
- Students' laboratories: 01 (Physiology)
- Research laboratories: 02 (Micro/Pathology, Biochemistry)

39. List of doctoral, post-doctoral students and Research Associates:

Not Applicable

- From the host institution/university
- From other institutions/universities

40. Number of post graduate students getting financial assistance from the university. :

Not applicable

41. Was any need assessment exercise undertaken before the development of new

program(s)? If so, highlight the methodology:

Not applicable

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, Feedback on teaching-learning is obtained through:

- Departmental staff discussions
- Regular feedback obtained from the staff on performance of students
- Student examination is done, regarding the teaching program, then suggestions are sent to the University to make amendments in the curriculum, which would help to achieve overall development of the student concerning the subject.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes. Regular feedback is obtained from the students through Students' Interaction Module & Small group discussions during their clinical posting hours.

The feedback is utilized to produce Student Support Activities

- For Slow Learners:
 - Remedial teaching (Extra classes in the form of lectures, practical's & demonstrations)
 - Home assignments, Seminars
- For Rapid Learners:
 - Challenging them to difficult questions & viva
 - Encouraging them for Research/Projects

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

Alumni of the institute are invited in the annual institutional functions and feedback obtained from them through discussions

The feedback aids the faculty to develop teaching programs which would enhance deeper knowledge of the subject as well as development of policies to augment the competence of the students considering their future exposure to the society.

43. List the distinguished alumni of the department (maximum 10)

- DrChetanDeshmukh : Pursuing MDS in PHD from ACPM Dental College, Dhule
- Dr. ChetanDeshmukh has received award for "Best Student Amongst Undergraduates for the year 2009-2010" by IDA Nagpur branch.
- Dr. VyankateshSahu has received 9 awards for securing 1st position in Final BDS & for scoring highest marks in Vidarbha region in Oral Surgery, Periodontics, Orthodontics and Community Dentistry.
- Dr. VyankateshSahu has also received award for "The Best All Rounder Student Member" by IDA, Nagpur branch.

- Dr. ChetanDeshmukh has received “Special Prize for Outstanding Performance” for Paper presentation at the National Conference for Teachers and Academicians held at YCCE College, Nagpur on 12th of Jan. 2013.
- VaishnaviVerulkar secured distinction in the subject of Public Health Dentistry in IV BDS (1st term) exam conducted in Summer, 2016

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.—

- Traffic Rules Awareness Program on 5.2.15: Inspector Pande
- Workshop on Yoga on 21.6.15
- Workshop on Bioethics on 31.7.15: Hon’ble Prof DrArunJamkar, Vice-Chancellor, MUHS, Nashik
- Workshop on Anti Ragging on 20.1.16: Hon’ble EC Member of DCI, Dr Rahul Hegde
- Workshop on Yoga on 22.6.16
- Workshop on Anti Ragging on 20.2.17: Hon’ble Dean, GDC Mumbai & Member, DCI, DrMansingPawar

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. :

- Powerpoint presentations
- Demonstration of clinical work
- InteractionModule (Micro-teaching)
- Power point presentations
- Quiz, Surprise tests
- Chalk & Talk Method
- Videos
- Field Visits
- Seminars & Projects
- Viva voce
- Case discussions

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

- Regular feedbacks are taken from students and faculty.
- Formative evaluation periodically by surprise tests, quiz & viva voce
- Summative evaluation by internal assessment examinations.
- Continuous assessment through regular Clinical postings and practical examination.
- Through regular Departmental Meetings

47. Highlight the participation of students and faculty in extension activities.

- Organization of Specialty camps (Screening as well as Treatment)

Year	No of camps conducted	No of patients	No of students participated	No of faculty participated
2011	28	4741	92	40

2012	7	1415	31	8
2013	25	3508	117	32
2014	13	3986	101	18
2015	19	3246	219	26
2016	20	3070	189	35

- Rallies: Anti-Tobacco, Communal Harmony, Organ Donation, Save Water, Peace, Environmental Health, etc
- Health talks: Ill effects of tobacco
- Field visits: PHCs
- Swachh Bharat Abhiyaan
- Skits/Street plays: taboos in dentistry, Consequences of ragging
- Paper and poster presentations in conferences
- Cultural, Social & Extra-curricular activities
- Quiz competitions
- Yoga workshops, Anti-Ragging workshops, Tree plantation drives, Anti-tobacco drives

Involvement of students and staff is enthusiastic

48. Give details of “beyond syllabus scholarly activities” of the department.

- Surveys & Treatment in adopted villages:-Surabardi, Sangam, Bazargaon under READY
- Conducting awareness rallies
- Organizing Skit Performances and Street Plays to promote oral health.
- Preparing various oral health education models, presentations, posters and flipcharts.
- Elocution, debate & essay competitions
- Library study drives (12 hours, 18 hours)

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. :

Yes, the BDS program of the institute is recognized by DCI and affiliated to MUHS, Nashik.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Paper Presentations& Publications
- Seminars
- Departmental projects
- Case Discussions
- Oral Health awareness as well as treatment camps
- Rallies : Literacy rally, Anti-tobacco rally, Traffic awareness& Cyber Crime, Organ Donation, Peace, Save Water, Communal Harmony, Environmental Health

- Workshop on Anti-Ragging, Bioethics, Yoga, Traffic awareness & Cyber Crime, etc

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths	1. Discipline,Punctuality 2. Unity, Coordination&Team work 3. College O.P.D, Screening &Treatment camps, Rallies, Health talks 4. Social & Co-curricular activities 5. Mobile Dental Unit, Free transport for patients
Weaknesses	1. Library needs to be updated 2. Need of Museum for patient education & motivation (Less Departmental space) 3. Need of a better & more advanced mobile dental van 4. No PG course in the department
Opportunities	1. Attending various Conferences at National and International Levels. 2. Conduction of more CDE Programs & Workshops in our College
Challenges	1. Need to incorporate more research amongst daily clinical activity 2. Use of Latest Equipments. 3. Increase OPD in the college as well as department

52. Future plans of the department:

- To avail best preventive modalities as well as treatment for patients in the department.
- To plan & start a new exclusive museum under the department for patient health education & motivation
- To plan on buying a new mobile dental van with the latest advances by which the masses can avail dental treatment at the fields
- To upgrade the present satellite clinics
- To start new satellite clinics (Butibori&Bazargaon)
- To develop the department in the direction of starting MDS course
- To gain new books for the departmental library

Evaluative Report of the Department

1. Name of the Department

General and Dental Pharmacology

2. Year of establishment

2006- UG

3. Is the Department part of a college/Faculty of the university?

Yes the department is a part of institute & affiliated to MUHS Nashik.

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

BDS (Bachelor of Dental Surgery)

5. Interdisciplinary programs and departments involved

Dental Departments involved: Department of Periodontology and Conservative Dentistry and Endodontics,

Medical specialities: Department of General Human Anatomy, General Human Physiology, Biochemistry, General Pathology, Microbiology, General Medicine and General Surgery,

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Nil

7. Details of programs discontinued, if any, with reasons

Nil

8. Examination System:

BDS

I, II & III BDS: Annual pattern

IV BDS : Semester pattern

Annual pattern would be followed for IV BDS from academic session 2017-18/Summer 2018 as per MUHS circular no 07/2017 dated 20th January, 2017

9. Participation of the department in the courses offered by other departments

Yes MDS Lecture & other research activities

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	DCI Requirement	Sanctioned	Filled & Actual
Professor	-	-	-
Associate Professor/Reader	01	01	01
Assistant Professor	-	-	-

	DCI Requirement	Sanctioned	Filled & Actual
Professor	-	-	-
Lecturer	03	04	04
Tutor / Clinical Instructor	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. A. Khade	MBBS , M.D.	Reader	Pharmacology	15 years
Dr. M. Wankhede	M.B.B.S.	Lecturer	Pharmacology	36 Years
Dr RajendraJikar	MBBS	Lecturer	MBBS	2.0 yrs
Dr. N. Choudhary	M.Pharm, Ph.D	Lecturer	-	3 yrs
Dr Nutan Deo	MBBS	Lecturer	MBBS	2 years 2 months

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Visits of senior faculty from various disciplines are regularly arranged by the institute as well as department. They include guest lectures, orientation programs, workshops, etc

13. Percentage of classes taken by temporary faculty – program-wise information

–

0%; Nil (We do not have any temporary faculty.)

14. Program-wise Student Teacher Ratio:

a. UG – 25:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled	Actual
Peon / Attendant	1	1	1
Dental Hygienist	-	-	-
Driver	-	-	-
Bus helper/cleaner	-	-	-

16. Research thrust areas as recognized by major funding agencies –

- Herbal Studies

- Drug Utilization studies
- Pharmacovigilance

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. –

Sr. No.	Name of Faculty	Project Title	Funding Agency
1	Dr Wankhede, Dr Choudhary Dr Khade	Prescription pattern of anti hypertensive drug in care hospital of Nagpur region	Institutional funding
2	Dr Wankhede, Dr Choudhary Dr. Khade	Effect of herbal neem extract oral gel on plaque and gingival score a comparative study	Institutional funding

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

Nil

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. Nil

20. Research facility / centre with - Nil

State recognition – Nil

National recognition :- Nil

International recognition: Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies Nil

22. Publications: -

- * Number of papers published in peer reviewed journals (national / international) – 27

Sr. no.	Name of Staff	No. of Publications
01	Dr Ajay Khade	20
02	Dr Nilesh Choudhary	07

- * Monographs- NIL
- * Chapters in Books- NIL
- * Books edited - NIL
- * Books with ISBN with details of publishers- NIL
- * Number listed in International Database (For e.g. Web of Science, Scopus,

Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)

- * Citation Index: 11
- * H-index: 03
- * SNIP: 0.0
- * SJR: 0.0
- * Impact Factor – 1.1

23. Details of patents and income generated – Nil

24. Areas of consultancy and income generated – Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad Nil

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (specify)**

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs). –

1. Dr Ajay Khade

Sr.No	Workshops/Conferences/Presentations	Place	Date
1	Workshop on International Counsellor Programme on NABH Standards conducted by Quality Council of India	Indore	April 2016
2	Workshop on Techniques in Molecular Pharmacology conducted by IPS	Nagpur	January 2013
3	Workshop on Designing Clinical Trials conducted by Chettinad Hospital and Research Institute.	Tamilnadu	September 2012
4	Re-Orientation Programme on Research Methodology for Ph.D Recognized Guides conducted by Dr. NTR University of Health Sciences	Vijayawada	July 2012
5	Basic course Workshop in Medical Education Technologies (Recognized by Medical Council of India- MCI). DattaMeghe Institute of Medical Sciences University	Wardha	March 2011
6	Workshop on Current updates in GCP (Good Clinical Practice)-role of IEC'S (Institutional Ethics Committees) &	Hyderabad	December 2010

	DSMB (Data Safety Management Board). National Institute of Nutrition		
7	Workshop on Detection and Reporting of Adverse Drug Reactions and Filling of ADR forms and Causality Assessment of Case Reports. Lady Harding Medical College (LHMC)	New Delhi	November 2010
8	CME on Pharmacovigilance and workshop on ADR (Adverse Drug Reaction) reporting. Kamineni Institute of Medical Sciences (KIMS)	Nalgonda	October 2010
9	ICMR Sponsored Workshop on Biomedical Communication in the Cyberage JIPMER	Pondicherry	August 2001
10	International Conference on Miracles and Progress of Neuropsychopharmacology in 21 st Century at MGIMS	Sewagram	February 2013
11	International Conference on Navigating Pharmacology towards safe & Effective Therapy & 45 th National Conference of Indian Pharmacological Society-IPS	Nagpur	January 2013
12	2nd International & 4th National Conference of Indian Society for Rational Pharmacotherapeutics (ISRPTCON-2012). R G Kar Medical College	Kolkata	November 2012
13	Annual Conference of Southern Regional Indian Pharmacological Society. Chettinad Hospital and Research Institute	Kanchipuram	September 2012
14	44 th Annual National Conference of Indian Pharmacological Society-IPS (December 2011) at Kasturba Medical College (KMC), Manipal University	Manipal	December 2011
15	National Medical Education Conference. Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER)	Puducherry	October 2011
16	“Effects of Newer Anti-epileptics on psychomotor performance in healthy volunteers.” presented in International Conference on Navigating Pharmacology towards safe and Effective Therapy & 45 th National	Nagpur	January 2013

	Conference of Indian Pharmacological Society-IPS		
17	“Psychomotor evaluation of Tiagabine in healthy volunteers” presented in International Conference on Miracles and Progress of Neuropsychopharmacology in 21 st Century at Mahatma Gandhi Institute of Medical Sciences (MGIMS)	Sewagram	February 2013
18	“A comparative psychomotor evaluation of ACE Inhibitors Ramipril and Fosinopril in healthy volunteers ” presented in 2 nd International Conference on Rational Use of Medicines for Safer Therapeutics and 4 th Annual National Conference of Indian Society for Rational Pharmacotherapeutics-ISRPT at R G Kar Medical College	Kolkata	November 2012
19	“Comparative study of Self-medication practice among 1 st and 2 nd MBBS students of medical college in a tribal region of A.P.” presented in 2 nd International Conference on Rational Use of Medicines for Safer Therapeutics and 4 th Annual National Conference of Indian Society for Rational Pharmacotherapeutics-ISRPT at R G Kar Medical College	Kolkata	November 2012
20	“Psychopharmacological effects of Benzapril in human volunteers” presented in Annual Conference of Southern Regional Indian Pharmacological Society- SRIPS at Chettinad Hospital and Research Institute	Kanchipuram	September 2012
21	“Cost analysis of various brands of Cephalosporins-A pharmacoeconomic study” presented in Annual Conference of Southern Regional Indian Pharmacological Society- SRIPS at Chettinad Hospital and Research Institute	Kanchipuram	September 2012
22	“Comparative study of psychomotor performance in Schizophrenia and Depression patients with healthy volunteers” presented in 44 rd Annual National Conference of Indian	Manipal	December 2011

	Pharmacological Society-IPS(December 2011) at Kasturba Medical College(KMC), Manipal University		
23	“A comparative study to assess learning environment in a medical college in tribal district of A.P.” presented in National Medical Education Conference at Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER)	Puducherry	October 2011
24	“Psychopharmacological effects of tianeptine and nortriptyline in human volunteers” presented in International Conference on pharmacology and translational research and 43 rd Annual National Conference of Indian Pharmacological Society-IPS at National Institute of Nutrition	Hyderabad	December 2010
25	“Effects of green tea, black tea and coffee on cognitive functions: a comparative study” presented in International Conference and CME cum Workshop on Pharmacovigilance System and Rational use of Medicines and 2 nd National Conference of Indian Society of Rational Pharmacotherapeutics and 10 th National Conference of Society of Pharmacovigilance at Lady Harding Medical College	New Delhi	November 2010
26	“Study of effect of nortriptyline and fluvoxamine on psychomotor functions in healthy volunteers.” presented in National Conference on Basic Medical Sciences (April 2010) at Vinayaka Mission’s Kirupananda Variyar Medical College	Salem	April 2010

2. Dr. Nilesh Choudhary

1	“Synergistic Effect of Miconazole and Ciprofloxacin Against Candida Albicans Causing Vaginitis” at Second International Conference on Nanotechnology- Innovative Material, Process, Product and Application	Pune	October 2012
2	“Formulation and evaluation of gellan and sodium alginate based in-situ gelling drug delivery system” at 15 th APTICON	Hyderabad	2010

3	“Safety of Ingredient Used in Cosmetics: A Review” at National Seminar on Advance in Cosmetics	Nagpur	2010
4	“Current and Future Prospective in Nasal Mucoadhesive Drug Delivery” at National seminar on Biotechnology: The Sustainable Development in Pharmacy	Gondia	2010
5	“A Flexible Technology for Modified Release of Drug: Multi Layered Tablets” at National Convention in Recent Advances in Pharmaceutical Sciences and Drug Discovery	Nagpur	2008

Total- 31

28. Student projects

- percentage of students who have taken upin-house projects including inter-departmental projects
NIL
- percentage of students doing projects in collaboration with other universities / industry / institute
NIL

29. Awards / recognitions received at the national and international level by - Nil

- Faculty
- Doctoral / post doctoral fellows
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. Nil

31. Code of ethics for research followed by the departments -

Yes

The institute has a functional Institutional Ethical Committee. The core value of ethics is engrained in the student’s minds during their training by means of regular classes as well as guest lectures and CME programs.

32. Student profile program-wise:

Selection procedure is done by the AMUPMDC/ NEET/ MH-CET and the data related is available with the competent authority.

33. Diversity of students

Name of the Programme		% of students from the same university	% of students from other universities within the State	% of students from other universities outside the State	% of students from other Country
BDS	2012	84%	15%	01%	00%
	2013	90%	10%	00%	00%
	2014	95%	02%	03%	00%
	2015	89%	07%	04%	00%
	2016	94%	04%	02%	00%

34. How many students have cleared Civil Services and Defense Services

examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

- Dr Arjun Dangare: 2006 Batch: DDS USA
- Dr Satyanarayan Pandey: Defence Services
- Dr Ambika Narayan: Defence Services
- Dr SrilekhaBorkar: Selected in ISB (International School of Business)

35. Student progression

Student progression	Percentage against enrolled
UG to PG	-
PG to M.Phil, DM / M Ch / DNB	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed • Campus selection • Other than campus recruitment	NA
Entrepreneurs	-

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	75%
from other universities within the State	25%
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period Nil

38. Present details of departmental infrastructural facilities with regard to

- a) Library - Yes 25 books
- b) Internet facilities for staff and students - Yes
- c) Total number of class rooms - 02
- d) Class rooms with ICT facility and 'smart' class rooms – 01(Yes)
- e) Students' laboratories - Yes
- f) Research laboratories – Yes

39. List of doctoral, post-doctoral students and Research Associates - Nil

- a) from the host institution/university
- b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university.

Nil

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

No

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes

- Departmental staff discussions
- Regular feedback obtained from the staff & students
- Interaction module
- Student examination is done, regarding the teaching program, then suggestions are sent to the University to make amendments in the curriculum, which would help to achieve overall development of the student concerning the subject.

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes

Regular feedback is obtained from the students through Student Interaction module, Small group discussions.

The feedback has been utilized to produce Student Support Activities

- for Slow Learners:
 - Remedial teaching (Extra classes in the form of lectures,

practicals& demonstrations)

- Home assignments, Seminars
- For Rapid Learners:
 - Challenging them to difficult questions & viva
 - Encouraging them for Research/Projects

c. alumni and employers on the programs offered and how does the department utilize the feedback?

Alumni of the institute are invited in the annual institutional functions and feedback obtained from them through discussions

The feedback aids the faculty to develop teaching programs which would enhance deeper knowledge of the subject as well as development of policies to augment the competence of the students considering their future exposure to the society.

43. List the distinguished alumni of the department

- Dr Chetan Deshmukh : Pursuing MDS in PHD from ACPM Dental College, Dhule
- Dr. Chetan Deshmukh has received award for “Best Student Amongst Undergraduates for the year 2009-2010” by IDA Nagpur branch.
- Dr. VyankateshSahu has received 9 awards for securing 1st position in Final BDS & for scoring highest marks in Vidarbha region in Oral Surgery, Periodontics, Orthodontics and Community Dentistry.
- Dr. VyankateshSahu has also received award for “The Best All Rounder Student Member” by IDA, Nagpur branch.
- Dr. Chetan Deshmukh has received “Special Prize for Outstanding Performance” for Paper presentation at the National Conference for Teachers and Academicians held at YCCE College, Nagpur on 12th of Jan. 2013.

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

- Seminar and Guest Lectures arranged in department
- Workshop

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. –

- Microteaching,
- overhead Projector Seminar,
- Practical Demonstration, Seminars & Projects

- Viva voce

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

Mock Test, Student Interactions, frequent surprise tests, diagram practice, & PCT.

47. Highlight the participation of students and faculty in extension activities.

- Swachch Bharat Abhiyaan
- Skits/Street plays: taboos in dentistry, Consequences of ragging
- Paper and poster presentations in conferences
- Cultural, Social & Extra-curricular activities
- Quiz competitions

48. Give details of “beyond syllabus scholarly activities” of the department.

- British Club
- Elocution, debate & essay competitions
- Library study drives (12 hours, 18 hours)
- Organizing Skit Performances and Street Plays to promote oral health.
- Preparing various oral health education models, presentations, posters and flipcharts.
- Elocution, debate & essay competitions

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

Yes, the BDS program of the institute is recognized by DCI and affiliated to MUHS, Nashik.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. –

- Clinical applications,
- New drug reaction & Adverse effect
- Paper Presentations & Publications
- Seminars
- Departmental projects

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department. –

Strengths	Unity, Coordination & Team work Experienced & skilled faculty Adequate training imparted to UG and PG Variety of clinical materials available
Weaknesses	Need of Museum for patient education & motivation
Opportunities	Skill enhancement of the faculty through various Workshops at National and International level for advanced diagnostic and therapeutic training.

	Income generation. Attending various Conferences at National and International Levels. Conduction of more CME Programs & Workshops in our college for our students and from students from other colleges.
Challenges	To increase number of patients in Hospital Need to incorporate more research amongst daily clinical activity

52. Future plans of the department. –

- Research Projects from different funding agencies.
- Collaborate with Pharmaceutical company for product development and for revenue generation
- To conduct Clinical Trial

Evaluative Report of the Department

1. Name of the Department -

BIOCHEMISTRY

2. Year of establishment -

UG (BDS) 2006

3. Is the Department part of a college/Faculty of the university? :

The department is a part of college and affiliated to the MUHS Nashik.

4. Names of programs offered (UG, PG, Pharm D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.): –

Bachelor of Dental Surgery. (BDS)

5. Interdisciplinary programs and departments involved – Teaching & Research of Dental Departments.

Department of Periodontics, Department of Conservative, Department of Oral surgery.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Nil

7. Details of programs discontinued, if any, with reasons – Nil

8. Examination System:

BDS

- I, II & III BDS: Annual pattern
- IV BDS : Semester pattern
- Annual pattern would be followed for IV BDS from academic session 2017-18/Summer 2018 as per MUHS circular no 07/2017 dated 20th January, 2017

9. Participation of the department in the courses offered by other departments-

YES Teaching Biochemistry to MDS students and collaboration in research.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others):

	DCI Requirement	Sanctioned	Filled & Actual
Professor	-	-	-
Associate	01	01	01

	DCI Requirement	Sanctioned	Filled & Actual
Professor	-	-	-
Professor/ Reader			
Assistant Professor	--	--	--
Reader	1	1	1
Lecturer	02	02	02
Tutor / Clinical Instructor	-		-
Senior Resident	-		-

Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance :

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. V.D.Gavhale	M.Sc.Ph.D Medical Biochemistry Faculty of Medicine	Reader	Medical Biochemistry	40 Years
Mr. D.P. Kale	M.ScMed.Biochemistry (Faculty of Medicine)B.Ed	Lecturer	Medical Biochemistry	7 years&6 months
Dr.ShushmaVithalkar	MBBS	Lecturer	-	1yr

11. List of senior Visiting Fellows, adjunct faculty, emeritus professors Nil

12. Percentage of classes taken by temporary faculty – program-wise information–

0%, Nil

13. Program-wise Student Teacher Ratio 33:1

14. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: –

Sr.No	Staff	Sanctioned	Filled	Actual
01	Lab. Attendant	01	01	01

15. Research thrust areas as recognized by major funding agencies-

Gamma Glut amyl Transferees study in Alcoholism, Anti-oxidant study in Thermal power Plant workers. Study of enzymes in Myocardial infarctions.

16. Number of faculty with ongoing projects from a) national b) international

funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. Nil

17. Inter-institutional collaborative projects and associated grants received - Nil

a) National collaboration b) International collaboration

18. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. :Nil.

Research facility / centre with: Nil

State recognition – Nil

National recognition: - Nil

International recognition: Nil

19. Special research laboratories sponsored by / created by industry or corporate bodies – Nil

20. Publications:

Number of papers published in peer reviewed journals (national / international) – The total numbers of Publication from the Department:

Sr. No	Name of Staff	No. of Publications
01	Dr. V.D.Gavhale	05
02	Mr.D. P. Kale	01

* **Monographs -** Nil

* **Chapters in Books –** Nil

* **Books edited -** Nil

* **Books with ISBN with details of publishers – Nil**

* **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) – Nil**

* **Citation Index – range / average – :--**

* **SNIP** -1

* **SJR** -

* **Impact Factor – range / average – 2.89**

* **h-index :** -

21. Details of patents and income generated :Nil

22. Areas of consultancy and income generated :Nil

23. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : Nil

24. Faculty serving in : Nil

a) National committees b) International committees c) Editorial Boards d) any other (specify)

-Nil

25. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs). :

Sr.No	Name of Faculty	Conference / CME /Seminar attended
1	Dr. V.D.Gavhale	1. ACBI Conference at Mumbai in 2010 2. ACBI Conference at Gwalior in 2012 3. JNIMH at Wadi Nagpur in 2014
2	Mr. D.P.Kale	1. National conference on Research methodology and avenue for grants held at JNIMH Wadi nagpur 2015 2. CME on Point of care testing held at GMC Aurangabad in 2008

Research Methodology Workshop.

Teacher Training Programme

Student projects:

- percentage of students who have taken up in-house projects including inter-departmental projects Nil
- percentage of students doing projects in collaboration with other universities / industry / institute Nil

26. Awards / recognitions received at the national and international level by :

- Faculty** - Nil
- Doctoral / post-doctoral fellows** : Nil
- Students** : Nil

27. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. -Nil

28. Code of ethics for research followed by the departments :YES

The institute has a functional Institutional Ethical Committee. The core value of ethics is engrained in the students' minds during their training by means of regular classes as well as guest lectures and CME programs

29. Student profile program-wise:-

Selection procedure is done by the AMUPMDC/ NEET/ MH-CET and the data related is available with the competent authority.

30. Diversity of students:

Name of the Program (refer to question no. 4)		% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
IBDS	2012	84%	15%	1%	0
	2013	90%	10%	00%	0
	2014	95%	2%	3%	0
	2015	89%	7%	4%	0
	2016	94%	4%	2%	0

31. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. –

Dr. Satyanarayan Pandey (Batch 2007) – Defense Services.

Dr. Sonal Thorat (Batch 2007): Master in Public Health

Dr. Deepak Wathore (Batch 2008): MS in public Health.

Dr. Ambika Narayan (Batch 2007): Defence Services

Dr. Shrilekha Borkar : selected in International school of Business.

Dr. Mayur Munne : Master in Social Health at TATA Institute Mumbai.

32. Student progression:

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil, DM / M Ch / DNB	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	Nil
Entrepreneurs	Nil

33. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	00
from other universities within the State	100%
from universities from other States	00

from universities outside the country	00

34. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period :Nil

35. Present details of departmental infrastructural facilities with regard to:

- a) Library - 14 books Available
- b) Internet facilities for staff and students – Yes
- c) Total number of class rooms –4
- d) Class rooms with ICT facility and 'smart' class rooms – 2
- e) Students' laboratories – 2
- f) Research laboratories –

Facility for the research in the department the instrument Semi auto analyzer is available in the research Laboratory.

36. List of doctoral, post-doctoral students and Research Associates : Nil

- a) From the host institution/university
- b) From other institutions/universities

37. Number of post graduate students getting financial assistance from the university.

Nil

38. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. No.

39. Does the department obtain feedback from :Yes.

- a. **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**

Yes Departmental staff discussions

- Regular feedback obtained from the staff and students
- Feedback from Alumni, discussed in the departmental meetings.
- Overall development of the student concerning the subject.
- Teaching Learning Evaluation
- Feedback from students, Analysis of the feedback, Accordingly measures are taken to improve teaching methodology.
- Teachers are trained through training programs.

- b. **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Regular feedback is obtained from the students through Student Interaction Programs, & Small group discussions.

The feedback is utilized to produce Student Support Activities

- for Slow Learners:
 - Remedial teaching

- For Rapid Learners:
 - Challenging them to higher intellectuals

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

Alumni of the institute are invited in the annual institutional functions and feedback obtained from them through discussions

40. List the distinguished alumni of the department (maximum 10):

1. ArjuAgrawal: MDS in Orthodontics at our college.
2. ChetanDeshmukh . .MDS Public health Dentistry at ACMP Dhule

41. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

Seminar arrange in Interaction

42. List the teaching methods adopted by the faculty for different programs including clinical teaching.

Micro teaching, Practical with Demonstrations.

43. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

Mock Tests.

44. Highlight the participation of students and faculty in extension activities.-

Guiding For Competitive exam social services activities.

45. Give details of “beyond syllabus scholarly activities” of the department.

- British Club,
- Local Language Marathi Club (LLM).

46. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. –

Yes, the BDS program of the institute is recognized by DCI and affiliated to MUHS, Nashik.

47. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. –

Biochemistry is the –core of the Medicine & helps and Guide for P.G. Dissertation project & participate the patient Biochemical services of the hospital patients. Its domain encompasses all the living world with the unifying interest in the chemical structures and reactions occurs in the living system. In the Department of Biochemistry provides the academic teaching for the BDS and MDS students. It deals with the diagnostic and prognostic all the biochemical investigation patients of hospital OPD.

48. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department. –

Strengths	Unity, Coordination & Team work
Weaknesses	Need of Museum for patient education & motivation.

Opportunities	Attending various Conferences at National and International Levels
Challenges	1. Need to incorporate more research amongst daily clinical activity 2. Use of Latest Equipment's.

49. Future plans of the department. –

- To start P.G. courses like DMLT, M.Sc medical
- Ph.D – Lab of Biochemistry for patient services.

Evaluative Report of the Department

1. Name of the Department-

Department of General Pathology

2. Year of establishment-

2006 - UG

3. Is the Department part of a college/Faculty of the university?- The department is a part of institute & is affiliated to MUHS

The department is a part of institute & is affiliated to MUHS.

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) –

BDS (Bachelor of Dental Surgery)

5. Interdisciplinary programs and departments involved-

Medical specialties: Department of General Human Anatomy, General Human Physiology, Biochemistry, General Pathology, Microbiology, General Medicine and General Surgery,

6. Courses in collaboration with other universities, industries, foreign institutions, etc.MUHS information regarding programmes in collaboration with other universities.

Nil

7. Details of programs discontinued, if any, with reasons–Nil

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System-

BDS

I, II & III BDS: Annual pattern

IV BDS : Semester pattern

9. Participation of the department in the courses offered by other departments-
Basic General Pathology course to PG students of all Dental departments

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	DCI Requirement	Sanctioned	Filled & Actual
Professor	0	0	0
Associate Professor/Reader	1	1	1
Associate Professor	1	1	1
Lecturer	2	2	2
Tutor / Clinical Instructor	0	0	0

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr.Limaje	M.D.Pathology	Reader	Pathology	16 Years
Dr.Kejdiwal	M.D.Pathology	Lecturer	Pathology	14Years
Dr.JeetendraYadav	M.B.B.S. D.Ortho.	Lecturer	M.B.B.S.	4 yrs

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors-

Visits of senior faculty from various disciplines are regularly arranged by the institute as well as department. They include guest lectures, orientation programs, workshops, etc

13. Percentage of classes taken by temporary faculty –

No Temporary faculty

14. Program-wise Student Teacher Ratio-33:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual-

	Sanctioned	Filled	Actual
Peon / attendant	2	2	2
Dental Hygienist	-	-	-
Driver	-	-	-
Bus helper/cleaner	-	-	-

16. Research thrust areas as recognized by major funding agencies-

- Molecular Pathology
- Cytogenetics

17. Number of faculty with ongoing projects from a) national b) international

funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. Nil

18. Inter-institutional collaborative projects and associated grants received

a) **National collaboration** Nil b) **International collaboration**-Nil

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. Nil

20. Research facility / centre with I4C

- **State recognition** Nil
- **National recognition** Yes
- **International recognition:** Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies-Nil

22. Publications:

- * Number of papers published in peer reviewed journals (national / international) :**1**
- * Monographs : Nil
- * Chapters in Books Nil
- * Books edited Nil
- * Books with ISBN with details of publishers: Nil
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)- Nil
- * Citation Index – range / average – 0.0
- * SNIP- 0.0
- * SJR- 0.0
- * Impact Factor – range / average - 0.0
- * h-index – 0.0

23. Details of patents and income generated Nil

24. Areas of consultancy and income generated:

Central clinical Lab in hospital provides diagnostic services to all patients helping all clinicians to arrive at their final diagnosis for further management & treatment of patients & to facilitate their review visits.

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:

Dr. J.S. Limaje

Online course “ Health Literacy & communication for health professionals “ at University of Nebraska, USA during October-November 2016 in USA.

Attended workshop on “ Transcatheter Aortic valve Implantation at “ Thubrikar Aortic valve, Inc. “ at Philadelphia, USA in September 2016.

Registered as International professional in International Outreach Programme at St. Jude Children hospital, Memphis, TN, USA in October 2016.

26. Faculty serving in

a) **National committees b) International committees c) Editorial Boards d) any other (specify) :**

1) Dr J S Limaje

- a. Life Member of Indian Medical Association
- b. Member of Vidarbha Association Of Pathologists & Microbiologists

2) Dr Kejdiwal

- a. Life Member of Indian Medical Association
- b. Life Member of Vidarbha Association Of Pathologists & Microbiologists
- c. Life member of Academy Of Medical Sciences

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

National conferences attended: 2

International conferences Attended : 1

28. Student projects

- **percentage of students who have taken up in-house projects including inter-departmental projects : Nil**
- **percentage of students doing projects in collaboration with other universities / industry / institute : Nil**

29. Awards / recognitions received at the national and international level by

- Faculty: Dr J.S.Limaje : On-line course “ Health Literacy & communication for Health professionals “ at University of Nebraska, USA during October – November 2016 in USA.
- Attended workshop on Transcatheter Aortic valve Implantation at “ Thubrikar Aortic valve, Inc “ at Philadelphia, USA in September 2016.
- Registered as International Professional in International Outreach Program at

St. Jude Children Hospital, Memphis, TN, USA in October 2016.

- Doctoral / post doctoral fellows :Nil
- Students Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. -Nil

31. Code of ethics for research followed by the departments- yes

The institute has a functional Institutional Ethical Committee. The core value of ethics is engrained in the student's minds during their training by means of regular classes as well as guest lectures and CME programs.

32. Student profile program-wise:

Selection procedure is done by the AMUPMDC/ NEET/ MH-CET and the data related is available with the competent authority.

33. Diversity of students

Name of the Programme		% of students from the same university	% of students from other universities within the State	% of students from other universities outside the State	% of students from other Country
BDS	2012	84%	15%	1%	0
	2013	90%	10%	0%	0
	2014	95%	2%	3%	0
	2015	89%	7%	4%	0
	2016	94%	4%	2%	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

Dr. Satyanarayan Pande	(2007)	Defence services
Dr. Ambika Narayan	(2007)	Defence services

35. Student progression

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil, DM / M Ch / DNB	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil

Student progression	Percentage against enrolled
Employed • Campus selection • Other than campus recruitment	Nil
Entrepreneurs	-

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	70%
from other universities within the State	30%
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period Nil

38. Present details of departmental infrastructural facilities with regard to

a) Library –

Yes. 6 books in departmental library

b) Internet facilities for staff and students –Yes

c) Total number of class rooms-4

d) Class rooms with ICT facility and ‘smart’ class rooms-2

e) Students’ laboratories-1

f) Research laboratories –nil

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university -Nil

b) from other institutions/universities_ Nil

40. Number of post graduate students getting financial assistance from the university.

Nil

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. Nil

42. Does the department obtain feedback from

a. **faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?** Yes

- Departmental staff discussions
- Regular feedback obtained from the staff & students

- Student examination is done, regarding the teaching program, then suggestions are sent to the University to make amendments in the curriculum, which would help to achieve overall development of the student concerning the subject.

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes

Regular feedback is obtained from the students through Student Interaction Programs Small group discussions.

The feedback has been utilized to produce Student Support Activities

- for Slow Learners:
 - Remedial teaching (Extra classes in the form of lectures, practicals& demonstrations)
 - Home assignments, Seminars
- For Rapid Learners:
 - Challenging them to difficult questions & viva
 - Encouraging them for Research/Projects

c. alumni and employers on the programs offered and how does the department utilize the feedback?

Alumni of the institute are invited in the annual institutional functions and feedback obtained from them through discussions

The feedback aids the faculty to develop teaching programs which would enhance deeper knowledge of the subject as well as development of policies to augment the competence of the students considering their future exposure to the society.

43. List the distinguished alumni of the department (maximum 10)-

1. Dr. Deepak Wathore 2008 Batch DDS USA
2. Dr. Arjun Dangre 2006 Batch DDS USA
3. Dr. Ambika Narayan 2007 Batch Defence Services
4. Dr. Chetan Deshmukh 2006 Batch MDS PHD
5. Dr. Mayur Munne Masters in Social Health at Tata Institute, Mumbai
6. Dr. Srilekha Borkar selected in ISB (International school of Business)

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

- Seminar and Guest Lectures arranged in department
- Workshop

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

- Audio visual aids,
- PowerPoint presentations,
- Seminar by students,
- Model preparation getting done by students

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

By question answer sessions, frequent surprise tests, diagram practice, PCT & Interactions.

47. Highlight the participation of students and faculty in extension activities.

Blood Donation camps & Health camps are conducted in hospital.

Swachha Bharat Abhiyan, Poster presentation & Quiz competitions

48. Give details of “beyond syllabus scholarly activities” of the department.

British Club to enable students get good scores in examinations.

Library Study Drives (12 Hrs, 18 Hrs)

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

Yes, BDS programme of Institute is recognized by DCI & MUHS, Nashik.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.-

Organize seminars, group discussions periodically.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

(Strengths) :- 1) Experienced & Skilled faculty
 2) Adequate & Excellent training imparted to UG

(Weaknesses):- 1) Difficult Access as college in outskirts

(Opportunities):- 1) Skill enhancement of the faculty through various workshops at National & International level for advanced diagnostics

 2) Development of Histopathology Laboratory

(Challenges): 1) More approachable & well equipped Dental Colleges

 2) Advanced diagnostics

52. Future plans of the department.

- To improve library,
- Museum,
- Start tissue processing

Evaluative Report of the Department

1. Name of the Department

General Microbiology

2. Year of establishment

2006 – UG

3. Is the Department part of a college/Faculty of the university?

Yes, the department is a part of the institute & is affiliated to MUHS, Nashik

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

BDS (Bachelor of Dental Surgery)

5. Interdisciplinary programs and departments involved Nil

6. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil

7. Details of programs discontinued, if any, with reasons Nil

8. Examination System: BDS

- I, II & III BDS: Annual pattern
- IV BDS : Semester pattern
- Annual pattern would be followed for IV BDS from academic session 2017-18/Summer 2018 as per MUHS circular no 07/2017 dated 20th January, 2017

9. Participation of the department in the courses offered by other departments

Basic General Microbiology course to all PG students of all Dental departments.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	DCI Requirement	Sanctioned	Filled & Actual
Professor	-	-	-
Associate Professor/Reader	1	1	1
Assistant Professor	-	-	-
Lecturer	2	2	2
Tutor / Clinical Instructor	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. P.R. Bijwe	MBBS, M. D.	Reader & HOD	Microbiology	21 yrs
Dr. Subhash Pethkar	M.B.B.S.	Lecturer	M.B.B.S.	3 yrs
Dr Sumit Joshi	M.B.B.S, D. Ortho	Lecturer	MBBS	2 yrs

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors Nil

13. Percentage of classes taken by temporary faculty –No Temporary faculty

14. Program-wise Student Teacher Ratio 33:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled	Actual
Peon / Attendant	1	1	1
Dental Hygienist	-	-	-
Driver	-	-	-
Bus helper/cleaner	-	-	-

16. Research thrust areas as recognized by major funding agencies Nil

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. Nil

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration Nil

b) International collaboration Nil

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. Nil

20. Research facility / center with I4C

- State recognition – Nil
- National recognition :- Yes
- International recognition: Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies Nil

22. Publications:

- * Number of papers published in peer reviewed journals (national / international) Nil
- * Monographs: Nil
- * Chapters in Books: Nil
- * Books edited Nil
- * Books with ISBN with details of publishers: Nil
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)-Nil
- * Citation Index – range / average
- * SNIP
- * SJR
- * Impact Factor – range / average
- * h-index

23. Details of patents and income generated Nil

24. Areas of consultancy and income generated :

Central clinical lab in hospital provides diagnostic Services to all patients helping all clinicians to arrive at their final diagnosis for further management & treatment of patients to facilitate their review visits.

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad Nil

26. Faculty serving in Nil

a) National committees b) International committees c) Editorial Boards d) any other (specify): Nil

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

National conferences attended: Dr.P.R.Bijve: 02

28. Student projects

Percentage of students who have taken up in-house projects including inter-departmental projects: Nil

Percentage of students doing projects in collaboration with other universities / industry / institute

29. Awards / recognitions received at the national and international level by

- Faculty Nil
- Doctoral / post-doctoral fellows Nil
- Students Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. Nil

31. Code of ethics for research followed by the departments

The institute has a functional Institutional Ethical Committee. The core value of ethics is engrained in the students' minds during their training by means of regular classes as well as guest lectures and CDE programs.

32. Student profile program-wise:

Selection procedure is done by the AMUPMDC/ NEET/ MH-CET and the data related is available with the competent authority.

33. Diversity of students

Name of the Programme		% of students from the same university	% of students from other universities within the State	% of students from other universities outside the State	% of students from other Country
BDS	2012	84%	15%	01%	00%
	2013	90%	10%	00%	00%
	2014	95%	02%	03%	00%
	2015	89%	07%	04%	00%
	2016	94%	04%	02%	00%

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

DrArjunDangare: 2006 Batch: DDS USA

DrSatyanarayanPandey: Defense Services

DrAmbika Narayan: Defense Services

DrSrilekhaBorkar: Selected in ISB (International School of Business)

35. Student progression

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil, DM / M Ch / DNB	Nil
PG to Ph.D.	Nil

Student progression	Percentage against enrolled
Ph.D. to Post-Doctoral	Nil
Employed	Nil
• Campus selection • Other than campus recruitment	
Entrepreneurs	-

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	100 %
from other universities within the State	-
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period Nil

38. Present details of departmental infrastructural facilities with regard to

a) Library	Yes
b) Internet facilities for staff and students	Yes
c) Total number of class rooms	4
d) Class rooms with ICT facility and 'smart' class rooms	2
e) Students' laboratories	1
f) Research laboratories	Nil

39. List of doctoral, post-doctoral students and Research Associates –

a) From the host institution/university:	Nil
b) From other institutions/universities:	Nil

40. Number of post graduate students getting financial assistance from the university.

Nil

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. Nil

42. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes
 - Departmental staff discussions
 - Regular feedback obtained from the staff & students

Interaction module

- Student examination is done, regarding the teaching program, then suggestions are sent to the University to make amendments in the curriculum, which would help to achieve overall development of the student concerning the subject.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes

Regular feedback is obtained from the students through Student Interaction Programs, Small group discussions.

The feedback has been utilized to produce Student Support Activities

- for Slow Learners:
 - Remedial teaching (Extra classes in the form of lectures, practicals& demonstrations)
 - Home assignments, Seminars
- For Rapid Learners:
 - Challenging them to difficult questions & viva
 - Encouraging them for Research/Projects

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

Alumni of the institute are invited in the annual institutional functions and feedback obtained from them through discussions

The feedback aids the faculty to develop teaching programs which would enhance deeper knowledge of the subject as well as development of policies to augment the competence of the students considering their future exposure to the society.

43. List the distinguished alumni of the department

1. Dr. Deepak Wathore 2008 Batch DDS USA
2. Dr. ArjunDangre2006 Batch DDS USA
3. Dr. Ambika Narayan 2007 Batch Defense Services
4. Dr. ChetanDeshmukh2006 Batch MDS PHD
5. Dr. MayurMunneMasters in Social Health at Tata Institute, Mumbai
6. Dr. SrilekhaBorkarselected in ISB (International school of Business)

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

- Seminar and Guest Lectures arranged in department

- Workshop

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

Audio visual aids, Power Point presentations, Seminar by students, Model paration getting done by students

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

By question answer sessions, LAQ and SAQ practice, surprise test, PCT and Interactions.

47. Highlight the participation of students and faculty in extension activities.

- Swachch Bharat Abhiyaan
- Paper and poster presentations in conferences
- Cultural, Social & Extra-curricular activities
- Quiz competitions

48. Give details of “beyond syllabus scholarly activities” of the department.

British Club

Library Study Drives (12Hrs, 18 hrs.)

49. State whether the program/ department is accredited/ graded by other agencies?

Yes, the BDS program of the institute is recognized by DCI and MUHS, Nashik.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Organised seminars & Group discussions periodically.

51.Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths	1. Discipline, Punctuality 2. Unity 3. Coordination 4. Team work
Weaknesses	1. Library needs to be updated 2. Need of Museum
Opportunities	1. Attending various Conferences at National and International Levels.
Challenges	1. Need to incorporate more research amongst daily clinical activity 2. Use of Latest Equipment's.

43. Future plans of the department.

- Improve library
- Museum
- Improvement in lab

Evaluative Report of the Department

1. Name of the Department

General Physiology

2. Year of establishment :

2006 – UG

3. Is the Department part of a college ---

Yes, the department is a part of the institute & is affiliated to MUHS, Nashik

4. Names of the programs offered

BDS (Bachelor of Dental Surgery)

5. Interdisciplinary programs and departments involved –

Medical specialities: Department of General Human Anatomy, General Human Physiology, Biochemistry, General Pathology, Microbiology, General Medicine and General Surgery,

6. Courses in collaboration with other universities , industries , foreign institution, etc .

Nil

7 .Details of programs discontinued –

Nil

8. Examination System : BDS

- I, II & III BDS: Annual pattern
- IV BDS : Semester pattern
- Annual pattern would be followed for IV BDS from academic session 2017-18/Summer 2018 as per MUHS circular no 07/2017 dated 20th January, 2017

9. Participation of the department in the courses offered by other department

Teaching Physiology to MDS students

10. Number of teaching posts sanctioned, filled and actual (professors /Associate professors / Asst. professors /others)

	DCI Requirement	Sanctioned	Filled & Actual
Professor	0	0	0
Associate professor / Reader	1	1	1
Lecturer	2	2	2
Tutor / Clinical Instructor	0	0	0

11. Faculty profile with name, qualification, designation, area specialization, Experience and research under guidance.

Name	Qualification	Designation	Specialization	No. of Years of Experience

Dr. Mrs.S. R. Borkute	MBBS MD	Reader & HOD	Physiology	33yr
Dr. H.Z. Gajbhiye	M.B.B.S., D. C. H.,	lecturer	MBBS	30yr
Dr.Priyanka kadoo	MBBS, MD	lecturer	Physiology	1year

12. List of senior Visiting Follows , adjunct faculty , emeritus professors----

Visits of senior faculty from various disciplines are regularly arranged by the institute as well as department. They include guest lectures, orientation programs, workshops, etc

13. Percentage of classes taken by temporary faculty –program – wise information –

NIL

14. Program-wise Student Teacher Ratio

a. Under-graduate- 33:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual—

	Sanctioned	Filled	Actual
Peon / Attendant	1	1	1
Dental Hygienist	-	-	-
Driver	-	-	-

16. Research Thrust areas as recognized by major funding agencies- Nil

- a. Clinical Innovations
- b. Diagnostics

17. Number of faculty with ongoing projects from a) national b)international funding agencies and c)Total grants received .Give the names of the funding agencies , project title and grants received project- wise. NIL

18. Inter-institutional collaborative projects and associate grants received

A) National collaboration b) International collaboration Nil

19. Departmental projects funded by ICMR, DST-FIST, UGC-SAP/CAS, DPE, DBT, ICSSR , AICTE , etc , total grants received . Nil

20. Research facility /centre with 14C

- State recognition – Nil
- National recognition :- Yes
- International recognition: Nil

21. Special research Laboratories sponsored by /created by industry or corporate bodies- None

22. Publications: Nil

- * Number of papers published in peer reviewed journals (national / international) :
(Details of publications are available in the department)
- * Monographs: Nil

- * Chapters in Books : Nil
- * Books edited: Nil
- * Books with ISBN with details of publishers: 1
- * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
- * Citation Index:
- * H-index: Nil
- * SNIP: Range: Nil
- * SJR: Nil
- * Impact Factor – Nil

23. Details of patents and income generated Nil

24. Areas of consultancy and income generated Nil

25 . Faculty selected nationally /internationally to visit other laboratories /institutions / industries in India and abroad Nil

26. Faculty serving in Nil

a)National committees b) international committees c) Editorials Boards d)any others (specify)

27. Faculty recharging strategies (Refresher/orientation programme, workshops

Dr. Mrs Borkute-

Workshop attended - 04

Conference attended- 02

28. Student projects

* Percentage of students who have taken in house projects including interdepartmental projects : Nil

* Percentage of students doing projects in collaboration with other universities / industry /institute : Nil

29. Award/ recognitions received at the national and international level by

- Faculty- NIL
- Doctoral /post doctoral fellows - NIL
- Students :- Nil

30. Seminars / conferences/ workshops organized & the source of funding- (National/International) with details of outstanding participants, if any : Nil

31. Code of ethics for research followed by the departments: Yes

The institute has a functional Institutional Ethical Committee. The core value of

ethics is engrained in the student's minds during their training by means of regular classes as well as guest lectures and CME program.

32. Student profile program-wise --

Selection procedure is done by the AMUPMDC/ NEET/ MH-CET and the data related is available with the competent authority.

33. Diversity of students

Name of the Programme		% of students from the same university	% of students from other universities within the State	% of students from other universities outside the State	% of students from other Country
BDS	2012	0	99%	1%	0
	2013	0	99%	1%	0
	2014	0	98%	2%	0
	2015	0	95%	5%	0
	2016	0	99%	1%	0

34. How many student have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category wise.

- Dr Arjun Dangare: 2006 Batch: DDS USA
- Dr Satyanarayan Pandey: Defence Services
- Dr Ambika Narayan: Defence Services
- Dr Srilekha Borkar: Selected in ISB (International School of Business)

35. Student Progression

Student Progression	% against enrolled
UG to PG	Nil
PG to M.Phil,DM/M Ch/DNB	Nil
PG to Ph.D	Nil
Ph.D to Post Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	Nil
Entrepreneurs	Nil

36. Diversity of staff-70:30

Percentage of faculty who are graduates	
Of the same university	70%
From other universities within the state	30%
From universities from other states	
From universities outside the countries	

37. Number of faculty who were awarded M.Phil., DM, MCh ,PhD, D.Sc and D.Litt

During the assessment period. Nil

38. Present details of departmental infrastructural facilities with regard to-Yes

- a) Library—20 Books ----
- b) Internet facilities for staff and students ---- Yes
- c) Total number of class rooms ----- 04
- d) Class rooms with ICT facility and “smart” class rooms ---- 2
- e) Student Laboratories - Yes
- f) Research Laboratories – Biochemistry Lab, Micro/ Patho Lab, Physiology Lab

39. List of doctoral, post-doctoral student and Research Associates -

- a)from the host institution /university---- Nil
- b)from other institution /university ----- Nil

40.Number of post graduate student getting financial assistance from the university. –

Nil

41.Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. Nil

42.Does the department obtain feedback from-

a. faculty on curriculum as well as teaching-learning- evaluation? If yes, how does the department utilize the feedback? Yes

- Departmental staff discussions
- Regular feedback obtained from the staff and students
- Feedback from Alumni, discussed in the departmental meetings.
- Regarding the teaching program, then suggestions are sent to the University to make amendments in the curriculum, which would help to achieve overall development of the student concerning the subject.

- Teaching Learning Evaluation
- Feedback from students, Analysis of the feedback, Accordingly measures are taken to improve teaching methodology.
- Teachers are trained through training programs.

b. student on staff, curriculum and teaching-learning- evaluation and how does the department utilize the feedback?

Regular feedback is obtained from the students through Student Interaction Programs, & Small group discussions.

The feedback is utilized to produce Student Support Activities

- for Slow Learners:
 - Remedial teaching
- For Rapid Learners:
 - Challenging them to higher intellectuals
 - Research/Projects

C .alumni and employers on the programs offered and how does the department utilize the feedback?

Alumni of the institute are invited in the annual institutional functions and feedback obtained from them through discussions

The feedback aids the faculty to develop teaching programs which would enhance deeper knowledge of the subject as well as development of policies to augment competency of the student considering his/her future exposure to the society.

43.List the distinguished alumni of the department (maximum 10)

LIST OF STUDENTS

- 1 Trupti Devadiga
- 2 Aditi Varade
- 3 Sonu Harse
- 4 Arzoo Agrawal
- 5 Chetan Deshmukh
- 6 Nikita Gurav
- 7 Namrata Khetal
- 8 Afree Khan
- 9 Payal Shirpure
- 10 Indrajeet Deshpande

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external expert.

- E Learning
- CD Program
- Seminars

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

- OHP
- Microteaching

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

- Part completion tests (PCTs), student feedback
- Interactions as per Time Table
- Regular departmental meetings

47. Highlight the participation of student and faculty in extension activities.

- Long term and short term learning activity
- Faculty guiding the students health expensive activity

48. Give details of “beyond syllabus scholarly activities “ of the department.

- a) Conduction of Quiz competition for students
- b) British Club activity
- c) Students Interaction

49. State whether the program / department is accredited / grated by other agencies? If yes, give details.

Yes, the BDS program of the institute is recognized by DCI and MUHS, Nashik.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Paper Presentations & Publications
- Seminars
- Departmental projects
- Case Discussions

51. Detail five major Strengths, Weaknesses, opportunities and Challenges (SWOC) of the department.

Strengths	1. Discipline, Punctuality 2. Unity, Coordination & Team work 3. College O.P.D, Screening & Treatment camps, Free transport for patients
Weaknesses	1. Library needs to be updated
Opportunities	1. Attending various Conferences at National and International Levels. 2. Conduction of more CDE Programs & Workshops in our College for our Students and from Students from other colleges.
Challenges	1. More approachable and to compete with Dental Colleges with medical colleges attached

	Increase in Number of Private Dental colleges with medical college attached

52. Future plans of the department.

- To improve library
- Improving teaching by audio visual aids(e-teaching)

Evaluative Report of the Department

1. **Name of the Department** : GENERAL SURGERY

2. **Year of establishment** : 2006- UG

3. **Is the Department part of a college/Faculty of the university?** :

Yes, the department is a part of the institute & is affiliated to MUHS, Nashik

4. **Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)** : BDS (Bachelor of Dental Surgery)

5. **Interdisciplinary programs and departments involved** : departments involved in interdisciplinary programs are Oral and Maxillofacial surgery, General Anatomy, Physiology

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.** :

NIL at present

7. **Details of programs discontinued, if any, with reasons** : NIL

8. **Examination System:** BDS

I, II & III BDS: Annual pattern

IV BDS : Semester pattern

Annual pattern would be followed for IV BDS from academic session 2017-18/Summer 2018 as per MUHS circular no 07/2017 dated 20th January, 2017

9. **Participation of the department in the courses offered by other departments:**

NIL

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	DCI Requirement	Sanctioned	Filled & Actual
Professor	0	0	0
Reader	1	1	1
Assistant Professor	0	0	0
Lecturer	3	3	3
Tutor / Clinical Instructor	0	0	0
Senior Resident	0	0	0

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr Devendra Sorte	MBBS .MS	READER	GEN SURGERY	2.0 yrs
Dr.B.H.Shambharkar	MBBS MD	LECTURER	GYNEC	3.0 yrs
Dr Yuvraj Gondule	MBBS , DPHA	LECTURER	MBBS	1.0 yrs
Dr.Siddharth Jagtap	MBBS	LECTURER	MBBS	1.0 yrs
Dr. Umashankar Pacchel	MBBS, MD	READER	ANAESTHESIA	9 yrs.
Dr. Shashikant Thool	MBBS, MD	LECTURER	ANAESTHESIA	8 yrs.

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors : NIL

13. Percentage of classes taken by temporary faculty – program-wise information : NIL

14. Program-wise Student Teacher Ratio UG – 25:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual. NIL

16. Research thrust areas as recognized by major funding agencies;

Cancer screening programme for male and female patients

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. : NIL

18. Inter-institutional collaborative projects and associated grants received ; NIL

National collaboration: NIL b) International collaboration: NIL

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : NIL

20. Research facility / centre with : I4C

- State recognition : NIL
- National recognition : YES

- International recognition : NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies : NIL

22. Publications:

- * Number of papers published in peer reviewed journals (national / international) – NIL
- * Monographs- NIL
- * Chapters in Books- NIL
- * Books edited- NIL
- * Books with ISBN with details of publishers- NIL
- * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, : NIL EBSCO host, Medline, etc.)- NIL
- * Citation Index – range / average
- * SNIP
- * SJR : NIL
- * Impact Factor – range / average
- * h-index

23. Details of patents and income generated NIL

24. Areas of consultancy and income generated

Department provides free consultation to the patients and to the patients from Satellite clinic

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad NIL

26. Faculty serving in -

- a) National committees b) International committees c) Editorial Boards d) any other (specify) NIL

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs). Nil

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects- NIL
- percentage of students doing projects in collaboration with other universities /

industry / institute NIL

29. Awards / recognitions received at the national and international level by

- Faculty- NIL
- Doctoral / post doctoral fellows - NIL
- Students - NIL

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. NIL

31. Code of ethics for research followed by the departments

Yes as per the college ethical committee

32. Student profile program-wise:

Selection procedure is done by the AMUPMDC/ NEET/ MH-CET and the data related is available with the competent authority.

33. Diversity of students

Name of the Programme		% of students from the same university	% of students from other universities within the State	% of students from other universities outside the State	% of students from other Country
BDS	2012	84%	15%	1%	0
	2013	90%	10%	0%	0
	2014	95%	2%	3%	0
	2015	89%	7%	4%	0
	2016	94%	4%	2%	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

35. Student progression; N/A

Student progression	Percentage against enrolled
UG to PG	NIL
PG to M.Phil, DM / M Ch / DNB	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed • Campus selection • Other than campus recruitment	NIL

Student progression	Percentage against enrolled
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	70 %
from other universities within the State	30%
from universities from other States	
from universities outside the country	

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period NIL

38. Present details of departmental infrastructural facilities with regard to

a) Library -	YES
b) Internet facilities for staff and students -	YES
c) Total number of class room-	04
d) Class rooms with ICT facility and 'smart' class rooms-	02
e) Students' laboratories -	01
f) Research laboratories -	NIL

39. List of doctoral, post-doctoral students and Research Associates – NIL(NO PG)

a) from the host institution/university	
b) from other institutions/universities –	NIL

40. Number of post graduate students getting financial assistance from the university.

Nil

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. : Nil

42. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? **Yes**
- Departmental staff discussions
 - Regular feedback obtained from the staff & students
 - Student examination is done, regarding the teaching program, then suggestions are sent to the University to make amendments in the

curriculum, which would help to achieve overall development of the student concerning the subject.

- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **Yes**

Regular feedback is obtained from the students through Student Interaction Programs , Small group discussions.

The feedback has been utilized to produce Student Support Activities

- for Slow Learners:
 - Remedial teaching (Extra classes in the form of lectures, practicals & demonstrations)
 - Home assignments, Seminars
- For Rapid Learners:
 - Challenging them to difficult questions & viva
 - Encouraging them for Research/Projects

- c. Alumni and employers on the programs offered and how does the department utilize the feedback?

Alumni of the institute are invited in the annual institutional functions and feedback obtained from them through discussions

The feedback aids the faculty to develop teaching programs which would enhance deeper knowledge of the subject as well as development of policies to augment the competence of the students considering their future exposure to the society.

43. List the distinguished alumni of the department (maximum 10)

1. Dr. Deepak Wathore	2008 Batch	DDS USA
2. Dr. Arjun Dangre	2006 Batch	DDS USA
3. Dr. Ambika Narayan	2007 Batch	Defence Services
4. Dr. Chetan Deshmukh	2006 Batch	MDS PHD
5. Dr. Mayur Munne	Masters in Social Health at Tata Institute, Mumbai	
6. Dr. Srilekha Borkar	selected in ISB (International school of Business)	

44. Give details of student enrichment programs (special lectures / workshops / seminar) – Seminar and Guest Lectures arranged in department Workshop

45. List the teaching methods adopted by the faculty for different programs including clinical - teaching. –

- Ward beside clinics ,
- Lectures ,

- Interactions,
- Powerpoint,
- Microteachings,
- Seminar,
- Audio visual aids

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

- Daily interactions ,
- Monthly evaluations,
- PCT

47. Highlight the participation of students and faculty in extension activities.;

- Anti –tobacco,
- Swach Bharat
- Blood Donation Camp

48. Give details of “beyond syllabus scholarly activities” of the department.:

- Health camp,
- Public awareness ,
- Street plays,
- Health awareness exhibitions,
- British Club

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. :

Yes, the BDS program of the institute is recognized by DCI and affiliated to MUHS, Nashik.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Paper Presentations & Publications
- Seminars
- Departmental projects

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

STRENGTH	-100 Bedded General Hospital

	With well equipped operation theaters with ICU -24 Hours Health Services -Specialists OPD Services -Affordable Health care
WEAKNESS	-Away From Residential Localities -Inconvenient Conveyance -No City bus service
OPPORTUNITIES	Attending Various Conferences at National And International level Advance surgical technology
CHALLENGES	Need to incorporate more research -Addition of latest Equipments/ technology

52. Future plans of the department. :

- To develop cost effective treatment for the patients
- To achieve academic excellence
- Recent Diagnostic aids like CBCT, 3d- CT, Imaging Technique, to be included in teaching

Evaluative Report of the Department

1. **Name of the Department :** General Medicine
2. **Year of establishment :** 2006- UG
3. **Is the Department part of a college/Faculty of the university?**
Yes the department is a part of institute & is affiliated to MUHS Nashik.
4. **Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)** BDS (Bachelor of Dental Surgery)
5. **Interdisciplinary programs and departments involved**
Medical specialities: Department of General Human Anatomy, General Human Physiology, Biochemistry, General Pathology, Microbiology, General Medicine and General Surgery,
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
Nil
7. **Details of programs discontinued, if any, with reasons** Nil
8. **Examination System:** BDS
I, II & III BDS: Annual pattern
IV BDS : Semester pattern
Annual pattern would be followed for IV BDS from academic session 2017-18/Summer 2018 as per MUHS circular no 07/2017 dated 20th January, 2017
9. **Participation of the department in the courses offered by other departments**
Yes, MDS Lectures,& other research activities
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	DCI Requirement	Sanctioned	Filled & Actual
Professor	-	-	-
Associate Professor/Reader	01	01	01
Assistant Professor	-	-	-
Lecturer	03	03	03
Tutor / Clinical Instructor	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Vivek. Bhalerao	MBBS, MD	Reader & HOD	Medicine	13 yrs
Dr. V M Gedam	MBBS, MD	Lecturer	Medicine	08 yrs
Dr Sameer Shahane	MBBS, MD	Lecturer	Medicine	3 yrs
DrMiteshBaheti	MBBS, D. Ortho	Lecturer	MBBS	2 yrs

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Visits of senior faculty from various disciplines are regularly arranged by the institute as well as department. They include guest lectures, orientation programs, workshops, etc

13. Percentage of classes taken by temporary faculty – program-wise information

–

0%; Nil (We do not have any temporary faculty.)

14. Program-wise Student Teacher Ratio: UG – 25:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled	Actual
Peon / Attendant	1	1	1
Dental Hygienist			
Driver			
Bus helper/cleaner			

16. Research thrust areas as recognized by major funding agencies –

Diabetes

Hypertension

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. –

Sr. No.	Name of Faculty	Project Title	Funding Agency
1	DrBhalerao	Effect of tobacco consumption	MUHS

	DrGedam	in school going children after its ban by government	

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration : I4C

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. Nil

20. Research facility / centre with - Nil

State recognition – Nil

National recognition :- Yes

International recognition: Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies Nil

22. Publications: -

* Number of papers published in peer reviewed journals (national / international) -

Sr. No	Nam of Staff	Publications
01	DrVivekBhalerao	02

* Monographs- Nil

* Chapters in Books- Nil

* Books edited - Nil

* Books with ISBN with details of publishers- Nil

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)

* Citation Index: Nil

* H-index: Nil

* SNIP: Nil

* SJR: Nil

* Impact Factor – Nil

23. Details of patents and income generated – Nil

24. Areas of consultancy and income generated –Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad -Nil

26. Faculty serving in - Nil

a) National committees b) International committees c) Editorial Boards d) any other (specify)

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs). –

1. DrVivekBhalerao

- Workshops Attended- 10
- National Conferences Attended- 02
- Poster Presentation- 01

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects- Nil
- percentage of students doing projects in collaboration with other universities / industry / institute – Nil

29. Awards / recognitions received at the national and international level by -
Nil

- Faculty
- Doctoral / post doctoral fellows
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. Nil

31. Code of ethics for research followed by the departments Yes

The institute has a functional Institutional Ethical Committee. The core value of ethics is engrained in the student's minds during their training by means of regular classes as well as guest lectures and CME programs.

32. Student profile program-wise:

Selection procedure is done by the AMUPMDC/ NEET/ MH-CET and the data related is available with the competent authority.

33. Diversity of students

Name of the Programme		% of students from the same university	% of students from other universities within the State	% of students from other universities outside the State	% of students from other Country
BDS	2012	84%	15%	1%	0
	2013	90%	10%	0%	0
	2014	95%	2%	3%	0
	2015	89%	7%	4%	0

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from other universities outside the State	% of students from other Country
2016	94%	4%	2%	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

- DrArjunDangare: 2006 Batch: DDS USA
- DrSatyanarayanPandey: Defence Services
- DrAmbika Narayan: Defence Services
- DrSrilekhaBorkar: Selected in ISB (International School of Business)

35. Student progression :-Not Applicable

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil, DM / M Ch / DNB	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	Nil
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	40%
from other universities within the State	60%
from universities from other States	
from universities outside the country	

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period - Nil

38. Present details of departmental infrastructural facilities with regard to

a) Library -	Yes
b) Internet facilities for staff and students -	Yes

c) Total number of class rooms -	04
d) Class rooms with ICT facility and 'smart' class rooms –	02(Yes)
e) Students' laboratories -	Nil
f) Research laboratories –	Nil

39. List of doctoral, post-doctoral students and Research Associates - Nil

- a) from the host institution/university
- b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university.–Nil

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. – No

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes

- Departmental staff discussions
- Regular feedback obtained from the staff & students
- Interaction modules
- Student examination is done, regarding the teaching program, then suggestions are sent to the University to make amendments in the curriculum, which would help to achieve overall development of the student concerning the subject.

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes

Regular feedback is obtained from the students through Student Interaction Programs, Small group discussions.

The feedback has been utilized to produce Student Support Activities

- for Slow Learners:
 - Remedial teaching (Extra classes in the form of lectures, practicals& demonstrations)
 - Home assignments, Seminars
- For Rapid Learners:
 - Challenging them to difficult questions & viva
 - Encouraging them for Research/Projects

c. alumni and employers on the programs offered and how does the department utilize the feedback?

Alumni of the institute are invited in the annual institutional functions and feedback obtained from them through discussions

The feedback aids the faculty to develop teaching programs which would enhance deeper knowledge of the subject as well as development of policies to augment the competence of the students considering their future exposure to the society.

43. List the distinguished alumni of the department

1. Dr. Deepak Wathore	2008 Batch	DDS	USA
2. Dr. Arjun Dangre	2006 Batch	DDS	USA
3. Dr. Ambika Narayan	2007 Batch	Defence Services	
4. Dr. Chetan Deshmukh	2006 Batch	MDS PHD	
5. Dr. Mayur Munne	Masters in Social Health at Tata Institute, Mumbai		
6. Dr. Srilekha Borkar	selected in ISB (International school of Business)		

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

Seminar and Guest Lectures arranged in department

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. –

- Microteaching,
- Overhead Projector Seminar
- Clinics
- Practical Demonstration, Seminars & Projects
- Viva voce

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored? Mock Test, Student Interactions

47. Highlight the participation of students and faculty in extension activities.

Health camps

48. Give details of “beyond syllabus scholarly activities” of the department.

- British Club
- Organizing Skit Performances and Street Plays to promote Oral Health.

- Preparing various oral health education models, presentations, posters and flipcharts.
- Elocution, debate & essay competitions

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

Yes, the BDS program of the institute is recognized by DCI and MUHS, Nashik.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. –

- Clinical applications,
- New drug reaction & Adverse effect
- Paper Presentations & Publications
- Seminars
- Departmental projects

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths	1. Unity, Coordination & Team work 2. Variety of clinical materials available 3. Discipline, Punctuality
Weaknesses	1. Library needs to be updated
Opportunities	1. Attending various Conferences at National and International Levels. 2. Conduction of more CDE Programs & Workshops in our College for our Students and from Students from other colleges.
Challenges	1. To increase number of patients in Hospital 2. Use of Latest Equipments. 3. Increase OPD in the college as well as department

52. Future plans of the department. –

- Research Projects from different Funding agencies.
- To Tie with the Pharma companies for research.
- To conduct Clinical Trials.

Evaluative Report of the Department

1. **Name of the Department** Department of Human Anatomy
2. **Year of establishment-** 2006- UG
3. **Is the Department part of a college/Faculty of the university?**
Yes the department is a part of institute & is affiliated to MUHS Nashik.
4. **Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)**BDS (Bachelor of Dental Surgery)
5. **Interdisciplinary programs and departments involved-**
Medical specialties: Department of General Human Anatomy, General Human Physiology, Biochemistry, General Pathology, Microbiology, General Medicine and General Surgery.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
Nil
7. **Details of programs discontinued, if any, with reasons** Nil
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System-**
BDS
I, II & III BDS: Annual pattern
IV BDS : Semester pattern
Annual pattern would be followed for IV BDS from academic session 2017-18/Summer 2018 as per MUHS circular no 07/2017 dated 20th January, 2017
9. **Participation of the department in the courses offered by other departments-**
Teaching anatomy to PG students
10. **Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/Asst. Professors/others)**

	DCI Requirement	Sanctioned	Filled & Actual
Professor	0	0	0
Associate Professor/Reader	1	1	1
Assistant Professor	0	0	0
Lecturer	4	4	4
Tutor / Clinical Instructor	0	0	0

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr Mrs. S A Gowardhan	MBBS MS	Reader & HOD	Anatomy	40 years
Dr. LataMahato	MBBS MS	turer	Anatomy	15 Years

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr Mrs. S A Gowardhan	MBBS MS	Reader & HOD	Anatomy	40 years
DrSSMahawadiwar	MBBS, MD	Lecturer	MBBS	16 years

Dr. S H.Bhonde	MBBS DCH	Lecturer	MBBS	5 Years
Dr MB Pashine	MBBS	Lecturer	MBBS	6 Years
Dr. NitinDhok	MBBS DO	Lecturer	MBBS	5 Years

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

01 (Dr. A S Mahajan)

13. Percentage of classes taken by temporary faculty – program-wise information

Nil

14. Program-wise Student Teacher Ratio- UG-20:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual-

Sr.No	Staff	Sanctioned	Filled	Actual
01	Lab. Attendent	01	01	01
02	Technician	01	01	01
03	Sweeper	01	01	01

16. Research thrust areas as recognized by major funding agencies

- Embryology
- Dermatoglyphic
- Histology

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. Nil

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration : Nil

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. Nil

20. Research facility / centre with I4C

- State recognition – Nil
- National recognition :- Yes
- International recognition: Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil

22. Publications:

* Number of papers published in peer reviewed journals (national / international)- 06

Sr.No	Name of Staff	No. of Publications
01	Dr. (Mrs) LataMahto	06

- * Monographs : Nil
- * Chapters in Books: Nil
- * Books edited: Nil
- * Books with ISBN with details of publishers: Nil
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.): Nil
- * Citation Index – range / average : 0.0
- * SNIP 0.0
- * SJR- 0.0
- * Impact Factor – range / average - 0.0
- * h-index – 0.0

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated : Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : Nil

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify): Nil

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

Dr. Lata Mahto-

- Workshops Attended- 02
- National Conferences Attended- 07
- Poster Presentation- 02

28 Student projects

- Percentage of students who have taken Open-house projects including inter-departmental projects: Nil
- percentage of students doing projects in collaboration with other universities / industry / institute : Nil

29 Awards / recognitions received at the national and international level by

- Faculty: Nil
- Doctoral / post doctoral fellows : Nil
- Students : Nil

30 Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. Nil

31 Code of ethics for research followed by the departments Yes

The institute has a functional institutional ethical committee. The core value of ethics is engrained in the students mind during their training by means of regular classes as well as guest lectures.

32 Student profile program-wise:

Selection procedure is done by the AMUPMDC/ NEET/ MH-CET and the data related is available with the competent authority.

33 Diversity of students

Name of the Programme		% of students from the same university	% of students from other universities within the State	% of students from other universities outside the State	% of students from other Country
BDS	2012	84%	15%	1%	0
	2013	90%	10%	0%	0
	2014	95%	2%	3%	0
	2015	89%	7%	4%	0
	2016	94%	4%	2%	0

34 How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. :

- Dr. Satyanarayan Pandey 2007 –Defence Services
- Dr. Sonal Thorat Master in Public Health 2007
- Dr. Deepak wathore 2008 MS in public Health
- Dr. Ambika Narayan 2007 Defence Services
- Dr. Jhanvi Raut 2006 Defence Services

35 Student progression- NA

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil, DM / M Ch / DNB	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	Nil
• Campus selection	
• Other than campus recruitment	
Entrepreneurs	

36 Diversity of staff

Percentage of faculty who are graduates	
of the same university	100%
from other universities within the State	
from universities from other States	
from universities outside the country	

37 Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period NIL

38 Present details of departmental infrastructural facilities with regard to

a) Library- Yes 25 Books

b) Internet facilities for staff and students-	yes	
c) Total number of class rooms-	04	
d) Class rooms with ICT facility and 'smart' class rooms-		02
e) Students' laboratories -	Yes	
f) Histology laboratories –	01	
g) Dissection Room-	01	

39 List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university :	Nil
b) from other institutions/universities :	Nil

40 Number of post graduate students getting financial assistance from the university.

Nil

41 Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.:No

42 Does the department obtain feedback from

A. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?YES

Departmental staff discussion

- Regular feedback obtained from staff and students
- Feedback from alumni discussed in departmental meetings
- Regarding teaching program suggestions are sent to university to make
- Amendments in curriculum , which would help to achieve overall development of students concerning the subject
- Teaching learning evaluation
- Analyzing the feedback measures are taken to improve teaching methodology.
- Teachers are trained through training programmes.

(b) Regular feedback is obtained from students inter action programmes and small groups discussion.

- The feedback is utilized to produce student support activities for slow learners.
- Remedial teaching for rapid learners challenging them to higher learning.
- Research /projects

C) Alumni and employers on the programs offered and how does the department utilize the feedback?

Alumni of the institute are invited in the annual institutional functions and feedback obtained from them through discussions

The feedback aids the faculty to develop teaching programs which would enhance deeper knowledge of the subject as well as development of policies to augment the competence of the students considering their future exposure to the society.

43 List the distinguished alumni of the department

1. Dr. Deepak Wathore	2008 Batch	DDS	USA
2. Dr. Arjun Dangre	2006 Batch	DDS	USA
3. Dr. Ambika Narayan	2007 Batch	Defence Services	

4. Dr. ChetanDeshmukh 2006 Batch MDS PHD
5. Dr. MayurMunne Masters in Social Health at Tata Institute, Mumbai
6. Dr. SrilekhaBorkar selected in ISB (International school of Business)

44 Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.-

Yes, Lectures by Radiologist
Seminar and workshops for model preparation

45 List the teaching methods adopted by the faculty for different programs including clinical teaching.

- Audio visual aids,
- PowerPoint presentations,
- Seminar by students,
- Model preparation getting done by students

46 How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

By question answer sessions, Frequent surprise test, Diagram practice, PCT and Interactions.

47 Highlight the participation of students and faculty in extension activities.

Swachch Bharat Abhiyaan
Communal Hormany
Paper and poster presentations in conferences
Cultural, Social & Extra-curricular activities

48 Give details of “beyond syllabus scholarly activities” of the department.

British Club, LLM Club

49 State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

Yes, BDS programme of Institute is recognized by DCI & MUHS, Nashik.

50 Briefly highlight the contributions of the department in generating new knowledge, basic or applied

Contributed in digital project, poster presentation on International Yoga day.

51 Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths	Well Experienced and highly qualified staff
Weaknesses	Lack of young, energetic staff
Opportunities	To start experimental embryology and Cytogenetic Lab
Challenges	To make fresh 1 st BDS students proficient in Human Anatomy To prepare them for professional dental course

52 Future plans of the department

- To improve library

- Museum
- Improvement in Histology lab
- Tissue processing
- Starting Genetics laboratory

2.3.31 Number of medical / dental procedures that the students get to see

	No. of Cases
Conservative Dentistry	
Rotary Endodontics	20
Endodontics under the microscope	5
Oral & Maxillofacial Surgery	
Surgical removal of impacted third molar	20
Management of maxillofacial trauma	5
Oral Diagnosis Medicine & Radiology	
Oral premalignant lesions & malignancies	5
IOPA evaluation	20
Pedodontics & Preventive Dentistry	
Management of anxious child	15
Pediatric RCTs	20
Prosthodontics & Crown & Bridge	
Implant & implant restorations	3
Laminates	5
Fixed prosthodontics	25
Cast Partial Dentures	2
Periodontology	
Splinting	4
Flap Surgery	15
Soft tissue grafting	5
Minor surgical procedures	20
Public Health Dentistry	
Comprehensive treatment planning	8
Oral Pathology & Microbiology	
Oral precancer & Cancer identification	5
Orthodontics & Dentofacial orthopedics	
Fixed appliances	50
Diagnosis, Treatment planning and functional/habit breaking appliances	70

2.4.8 Academic learning programs to enrich teaching learning process for its faculty

Year 2012

Sr. No.	Topic	Place	Date	No. of Participants	Resource Person
1	Post and Core	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	February 2012	100	Dr. Harpreet Singh
2	Perio Explore	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	March 2012	70	Dr. Somnath Dr. Deepti Gattani
3	Implements for Healthy Smile	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	March 2012	80	Dr. Deepti Gattani Dr. Mitul Mishra
4	Basic Life Support	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	October 2012	20	Dr (Mrs) Preeti Kolarkar
5	Role of surgical pathologist in diagnosis of salivary gland tumours	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	November 2012	70	Dr. Ravi R (MD Pathologist)

Year 2013

Sr. No.	Topic	Place	Date	No. of Participants	Resource Person
	Oral Submucous fibrosis to oral Squamous cell carcinoma – A frequently travelled path	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	March 2013	57	Dr. Rahul Bhowate
	New age Dentistry,	Swargiya Dadasaheb	March 2013	70 (Webinar)	Dr. Rajeev Chitguppi

	What after BDS?	Kalmegh Smruti Dental College & Hospital, Nagpur			
	IMPLANTS	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	September 2013	100	Dr. Kumaraswamy
	Oral Precancer: Problems and Solutions	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	September 2013	105	Dr. Vinay Hazarey
	Photography in Dentistry	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	October 2013	35	Dr. M B Vyas

Year 2014

Sr. No.	Topic	Place	Date	No. of Participants	Resource Person
1.	“Complimentary and alternative medicine - Why a modern dentist should know it?”	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	March 2014	56	Dr. Makrand V. Khubalkar
2.	Contemporary Clinical Oral Microbiology and Laboratory Diagnosis	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	May 2014	50	Dr. Kalpana Date, Dr. Yagnesh Thakkar, Dr. Umesh Hasani
3.	Aesthetic in complete denture “& „ Prosthodontic consideration in periodontal compromised patients	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	May 2014	76	Dr. Surekha Godbole & Dr. Neelam Pande
4.	Oral Submucous Fibrosis Lecture	Swargiya Dadasaheb Kalmegh Smruti Dental College&	July 2014	80	Dr. Pravin Lambade

		Hospital, Nagpur			
5.	Maxillary Sinus Lift Procedure and CBCT guided Surgery”	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	September 2014	150	Dr. Prasad Joshi
6.	Basic life support	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	November 2014	39	Dr Chetan T
7.	Orthognathic Surgery	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	November 2014	53	Dr Gauri Vichare Dr Nitin Bhola
8.	Symposium on ‘Inclusive Innovations – I4C’	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	December 2014	200	Dr.Zvi Metzger Dr Mansing Pawar Dr S. C. Bhoyar
9.	Lecture & Hands-on programme on ‘Minimally Invasive Endodontics – The Self adjusting file as a paradigm shift in endodontic instrumentation’	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	December 2014	64	Dr. Zvi Metzger (Israel) Dr Ajinkya Pawar
10.	Basic Research Methodology	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	December 2014	60	Dr. S Ugade, Dr. Nallawar

Year 2015

Sr. No.	Topic	Place	Date	No. of Participants	Resource Person
1.	Orthodontic Awareness Programme	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	March 2015	78	Dr M B Vyas, Dr Alladwar Dr Govindwar, Dr Thadani
2.	Lasers- in oral mucosal lesions.	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	December 2015	47	Dr. Gayaki

Year 2016

Sr. No.	Topic	Place	Date	No. of Participants	Resource Person
1.	Occlusion in Natural Dentition- Perio Perspective	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	January 2016	150	Dr. Moez Khakiani
2.	Fundamentals of Biostatistics	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	February 2016	58	Dr Sandhya Jain
3.	Basic Forensic Medicine and Problem Based Learning in Forensic Odontology	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	February 2016	109	Dr. Prakash Mohite, Dr. Ashish Bodhade
4.	Lecture on 'Stem Cell Transplant & its Applications in Medical Field'	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	September 2016	100	Dr. Avinash Pophali

Year 2017

Sr. No.	Topic	Place	Date	No. of Participants	Resource Person
1.	3 D Smile Designing	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Nagpur	January 2017	85	Dr. Umesh Paleker

2.4.10 Mobility of faculty between institutions /universities for teaching/research

Sr. No	Name of faculty	Workshop/ program
1.	Dr. Sanjay Patil, Dean, Prof & Head, Department of Conservative Dentistry &Endodontics	Attended workshop on Microdentistry at Centre Of Microdentistry, California. USA on 19 December 2015. Also visited Dr. Buchanan's advanced lab on microdentistry in California, USA.
2.	Dr. Jagan Limje Prof &Head, Dept. of Pathology	1. Online certificate course from September 5 & 6, 2016 on "Health literacy and communication for health professionals at Nebraska university :Hospital related course. 2. Visited the company "Thubrikar Aortic Valve, Inc" and attended workshop on trans-catheter Aortic valve implantation at Philadelphia in October 2016 under the mentorship of Dr. Mano Thubrikar. 3.Registered as international professional in International outreach program, at St Jude Children Research Hospital, Memphis, TN. 4.Visited Le Bonheur Children's Hospital at Memphis to get acquainted with different departments and Pathology- Microbiology lab.

3.1.13 Instilling a culture of research among undergraduate students

Name Of Student	Topic	Paper/Poster	Venue	Year	Guided By
Anamika Bansonde	Probiotics in Dentistry	Paper	Smilecon, Chikaldhara	2015	Dr. Deepti Gattani
Shraddha Saoji	Dental unit waterlines	Paper	Indian Dental Conference, Mumbai	2017	Dr. Manjiri Deshmukh
Shraddha Saoji	Prevalence of oral cancer among general population Nagpur	Paper	Indian Dental Conference, Delhi	2016	Dr. Priyanka Kadoo

Pranali Kadoo	Bone Augmentation	Poster	Maharashtra student Conference, Chikaldhara	2015	Dr. Mitul Mishra
Apurva Kosankar	Optical Coherence Tomography	Paper	Indian Dental Conference, Bangalore	2015	Dr. Sunita Kulkarni
Apurva Kosankar	Obstructive sleep apnea – a dental perspective	Paper	Indian Dental Conference, Delhi	2016	Dr. Mrunal Aley
Atharva Beley	Recent Advances of dental implant in craniofacial surgery & oral cancer reconstruction	Poster	NIDACON , Nagpur	2017	Dr. Anand Wankhede
Revati Upadhye	Pink Esthetics	Poster	Indian Dental Conference, Bangalore	2015	Dr. Deepti Gattani
Revati Upadhye	Regeneration endodontics	Poster	Smilecon, Chikaldhara	2015	Dr. Sanjay Patil
Himani Thawale	Green Tea	Paper	Smilecon, Chikaldhara	2015	Dr. Sudhir Rawlani
Himani Thawale	Lightening and whitening of dental pearls	Paper	Indian Dental Conference, Delhi	2016	Dr. Vandana Gade
Anchal Saxena	Oral Piercing	Paper	NIDACON - 2016, Nagpur	2014	Dr. Anand Wankhede
Prajakta Bisen	Laser in dentistry	Poster	NIDACON - 2014, Nagpur	2014	Dr. Salman Ansari
Yogesh Bande	Self examination of oral cancer	Poster	NIDACON - 2017, Nagpur	2017	Dr. Bontha
Surabhi Jaiswal	Wilckodontics	Paper	NIDACON - 2017, Nagpur	2017	Dr. Anand Wankhede

3.2.2 Details of ongoing research projects of faculty:

	Year wise	Number	Name of the project	Name of the funding agency	Total grant received/granted
A. University awarded projects					

(STRG)	2015	4	1.Areca nut and tobacco : the hidden gate way for oral malignancies among school going children	MUHS, Nashik	25,000/-
			2. Infection control: the knowledge and compliance amongst under-graduate student	MUHS, Nashik	25,000/-
			3.Evaluation of Awareness of Implants amongst Qualified dental Practitioners in Central India	MUHS,Nashik	8500/-
			4.Awareness about needle injuries and sharp disposal: A study conducted at institutional level in Nagpur City	MUHS,Nashik	8000/-
	2016	2	1.Extraction of asymptomatic tooth with and without antibiotic therapy	MUHS, Nashik	9580/-
			2. Sterilization awareness amongst dental students.	MUHS, Nashik	12,000/-
(LTRG)	2014	1	Effect of Gutka ban on the rural young population in and around Nagpur.	MUHS, Nashik	1,00,000/-
(LTRG)	2015	3	1.Orthodontic treatment need for school going children in Nagpur by using modified Index of Orthodontic Treatment Need (IOTN)	MUHS, Nashik	43,000/-
			2.Replacement of minimal investment of defective restoration – a prospective	MUHS, Nashik	1,06,329/-
				MUHS,	1,06,009/-

			longitudinal cohort clinical study 3. An innovative method of using an unused implant fixture mount as an implant analog and impression coping for making a definitive prosthesis using open mouth impression technique	Nashik	
B. Other agencies - National and International (specify)					
(STRG)	2016	2	1.A survey of Dental fluorosis at Wakdhara village 2.Incidence of musculoskeletal disorders in dental profession	SDKS Dental college & Hospital SDKS Dental college & Hospital	15,000/- 10,000/-
(LTRG)	2016	2	1.Customized buccal screen 2.Comparison and evaluation of mitotic figures in oral squamous cell carcinoma in crystal violet along with nuclear fast as counter stain and feugen reaction	SDKS Dental college & Hospital SDKS Dental college & Hospital	15,000/- 75,000/-

3.2.5 Projects sponsored by the industry / corporate houses

S. No.	Year	Project	Funded by	Fund Received
1.	2013	Effect of supportive periodontal therapy on patients undergoing fixed orthodontic appliance therapy.	Colgate	Sponsored research material for the project.
2..	2013	Effect of fetal bovine serum on the properties of pro root MTA and retro MTA.	BioMTA South Korea	Sponsored research material for the

				project.
3.	2013	Reinforcing endodontically treated teeth using bio-ceramic sealer	Brasseler USA	Material received
4.	2014	Comparison of Biodentin, Bioaggragate and endosequence root repair material for furcation, perforation repair.	Brasseler USA	Material received
5.	2014	Comparison of Biodentin, Bioaggragate and endosequence root repair material for furcation, perforation repair.	Innovative Bio ceramix Inc.	Material received
6.	2017	Comparative evaluation of bone density values derived from CBCT and implant stability parameters in posterior mandible using Penguin RFA	Rotary Club, Versova	2,50,000/-

3.2.6 Research projects completed and grants received during the last four years

Title of Project	Grant received in INR	Funding	Status
Orthodontic treatment used for school going children in Nagpur using modified index of orthodontic treatment need	43000/-	MUHS Nashik	Phase I completed
Replacement of minimal investment of defective restoration – a prospective longitudinal cohort clinical study	106329/- Under process for approval	MUHS Nashik	Phase II Completed
Areca nut and tobacco: the hidden gate way for oral malignancies among school going children.	25000/-	MUHS Nashik	completed
Infection control: the knowledge and compliance amongst under-graduate student	25000/-	MUHS Nashik	Phase II Completed

Evaluation of Awareness of Implants amongst Qualified dental Practitioners in Central India.	8,500/-	MUHS Nashik	Phase II Completed
An innovative method of using an unused implant fixture mount as an implant analog and impression coping for making a definitive prosthesis using open mouth impression technique	1,06,000/-	MUHS Nashik	Phase II Completed
Awareness about needle injuries and sharp disposal: A study conducted at institutional level in Nagpur City	8,000/-	MUHS, Nashik	Phase II Completed
Extraction of asymptomatic tooth with and without antibiotic therapy	9580/-	MUHS, Nashik	Phase I completed
Effect of Gutka ban on rural young population in and around Nagpur.	1,00,000/-	MUHS, Nashik	Completed
Sterilization awareness amongst dental students,	5,000/-	MUHS , Nashik	Completed
Customized buccal screen	15,000/-	SDKS Dental college & Hospital	Phase III Completed
A survey of Dental fluorosis at Wakdhara village	10,000/-	SDKS Dental college & Hospital	Phase II Completed
Incidence of musculoskeletal disorders in dental profession	15,000/-	SDKS Dental college & Hospital	Phase IV completed
Comparison and evaluation of mitotic figures in oral squamous cell carcinoma in crystal violet along with	75,000/-	SDKS Dental college & Hospital	Phase 1 Completed

nuclear fast as counter stain and feugen reaction			

3.4.2 Number of papers published in peer reviewed journals (national / international)

Sr. No	Department	National	International	Total
1.	Periodontology	44	39	83
2.	Oral & Maxillofacial surgery	87	41	128
3.	Conservative Dentistry and Endodontics	67	15	82
4.	Prosthodontics	20	34	54
5.	Oral Pathology & Microbiology	30	11	41
6.	Pediatric & Preventive Dentistry	14	27	41
7.	Oral Medicine & Radiology	34	43	77
8.	Orthodontics & Dentofacial orthopedics	37	33	70
9.	Public Health Dentistry	10	3	13
10.	General medicine	2	0	2
11.	General Pharmacology	24	3	27
	Total	370	247	617

The journals listed in International database are as follows

Sr. No	Department	Number of publication listed in International Database
1.	Periodontology	39
2.	Oral & Maxillofacial surgery	41
3.	Conservative Dentistry and Endodontics	15
4.	Prosthodontics	34
5.	Oral Pathology & Microbiology	11
6.	Pediatric & Preventive Dentistry	27
7.	Oral Medicine & Radiology	43
8.	Orthodontics & Dentofacial orthopedics	33
9.	Public Health Dentistry	3
	Total	243

*** Citation Index – range / average**

Sr. No	Department	Citation Index range
1.	Periodontology	0 to 54
2.	Oral & Maxillofacial surgery	2 to30
3.	Conservative Dentistry and Endodontics	0 to 13
4.	Prosthodontics	0 to 15
5.	Oral Pathology & Microbiology	0 to 37
6.	Pediatric & Preventive Dentistry	0 to 17
7.	Oral Medicine & Radiology	4 to39
8.	Orthodontics &Dentofacial orthopedics	1 to 96
9.	Public Health Dentistry	0 to11

*** Impact Factor – range / average**

Sr. No	Department	Impact Factor range
1.	Periodontology	0 to 6.26
2.	Oral & Maxillofacial surgery	0.25 to 4.139
3.	Conservative Dentistry and Endodontics	0 to 1.753
4.	Prosthodontics	0 to 1.419
5.	Oral Pathology & Microbiology	0 to 0.65
6.	Pediatric & Preventive Dentistry	0 to3
7.	Oral Medicine & Radiology	0 .167 to 5.336
8.	Orthodontics &Dentofacial orthopedics	0.33 to 1.69
9.	Public Health Dentistry	0.44 to 1.09

*** Source Normalized Impact per Paper (SNIP)**

Sr. No	Department	SNIP index range
1.	Periodontology	0.66 to 0.78
2.	Oral & Maxillofacial surgery	0.409 to 1.28
3.	Conservative Dentistry and Endodontics	0.545 to 1.607
4.	Prosthodontics	0 to 1.21
5.	Oral Pathology & Microbiology	0 to 0.34
6.	Pediatric & Preventive Dentistry	0.7 to1.584
7.	Oral Medicine & Radiology	0.481 to 0.899
8.	Orthodontics &Dentofacial orthopedics	0.11 to 1.46
9.	Public Health Dentistry	0.617 to 0.793

*** SCImago Journal Rank (SJR)**

Sr. No	Department	SJR index range
1.	Periodontology	0.24to0.29
2.	Oral & Maxillofacial surgery	0.216 to 0.837
3.	Conservative Dentistry and Endodontics	0.229 to 0.54
4.	Prosthodontics	0 to0. 69
5.	Oral Pathology & Microbiology	0 to 0.88
6.	Pediatric & Preventive Dentistry	0.10 to1.029
7.	Oral Medicine & Radiology	0.351 to 0.3
8.	Orthodontics &Dentofacial orthopedics	0.1 to 1.24
9.	Public Health Dentistry	0.291 to 0.751

*** h-index**

Sr. No	Department	H- index range
1.	Periodontology	0 to 9
2.	Oral & Maxillofacial surgery	1 to 5
3.	Conservative Dentistry and Endodontics	0 to 2
4.	Prosthodontics	0 to 3
5.	Oral Pathology & Microbiology	0 to2
6.	Pediatric & Preventive Dentistry	0 to 5
7.	Oral Medicine & Radiology	1 to 13
8.	Orthodontics &Dentofacial orthopedics	0 to 5
9.	Public Health Dentistry	0 to 2

3.4.4 Faculty serving on the editorial boards of national and international journals

S. No	Name of Faculty	Editorial Board
1.	Dr. Mrs. P. V. Hazarey	Member of Editorial Board of Specialty journal (Journal of Indian Orthodontic Society)
2.	Dr.Vandana Gade	Editorial Board of Journal of Conservative Dentistry
3.	Dr. Sunita Kulkarni	Editorial Board of Indian Journal of Dentistry Central India Journal of Dental Sciences
4.	Dr. Devendra Palve	Reviewer in Journal of Oral and Maxillofacial Surgery Reviewer in Journal of Interdisciplinary Histopathology Reviewer in Journal of Oral and Maxillofacial Pathology
5.	Dr. Rakhi Chandak	Editorial Board of Dentomaxillofacial

		Radiology
6.	Dr.G.B.Bajaj	Reviewer Board Member, Journal of Indian Prosthodontic Society
7.	Dr.K.S.Lahoti	Editorial Board Member Journal of Advanced Dental & Medical Sciences Reviewer Board Member International Journal of Preventive & Restorative Dentistry
8.	Dr. Salman Ansari	Reviewer at Journal of Clinical and Diagnostic Research
9.	Dr. Deepali Mohite	Reviewer in Journal of International Society of Preventive and Community Dentistry
10.	Dr. Mitul Kumar Mishra	Reviewer at Lawrence Press

*** Faculty serving as members of steering committees of national and international conferences recognized by reputed organizations / societies**

Faculty	Members of steering committees of national and international conferences recognized by reputed organizations / societies
Dr. Mrs P.V. Hazarey	Vice President Organizing Committee National Conference on “ Holistic Approach to Living by Arogya Bharti” Nagpur Oct. 2011
Dr. Deepti Gattani	Conference – Co- Chairman -41 st Indian society of Periodontology 21 st -23 rd October ,2016
Dr. Jaykumar Gade	Convener in 17 th IPS Convention, 2015
Dr. Girish Bhutada	Treasurer at 41 st Indian society of Periodontology conference 21 st -23 rd October ,2016
Dr. Mitul Mishra	Registration Chairman at 41 st Indian Society of Periodontology conference 21 st -23 rd October ,2016
Dr. Salman Ansari	Fund raising Committee at 41 st Indian society of Periodontology conference 21 st -23 rd October ,2016
Dr. Anand Wankhede	Registration Committee member at 41 st Indian society of Periodontology conference 21 st -23 rd October ,2016
Dr. G. B. Bajaj	Committee member for trade and fund raising at 17 th IPS Convention, Nagpur. (2015) Scientific committee convener NIDACON 2016.
Dr. K. S. Lahoti	Convener, Scientific Committee Nidacon 2017 Reception committee chairman Nidacon 2015-16 Convener Essay Competition at 17 th IPS Convention, 2015
Dr. M. K. Gupta	Organizing Chairman, of 2 nd Annual Conference of Association of Oral Maxillofacial Surgeons of India, M.P. & CG Chapter held on 25 th and 26 th August 2012 at the Peoples University campus, Bhopal, M.P.
Dr. Ajit Joshi	As a Jury member at Daswani dental college & Research

	center, Kota Tobacco control, Oral cancer & substance use disorders- state level symposium 2016
Dr. Arunkumar B. Sajjanar	Organising Secretary for 37 th Indian Society Pedodontics & Preventive Dentistry National Conference, Raipur.

3.4.5 Research awards received by the faculty and students-

Year	Name of Awardee	Faculty/Student	Award
2013	Dr. Chetan Deshmukh	UG student	Special Prize for Outstanding Performance for Paper presentation at the National Conference for Teachers and Academicians held at YCCE college, Nagpur on 12th Jan. 2013
2013	Dr. Gaurav Tibdewal	PG student	Received first prize in Table top presentation at Spirit February 2013, Chennai.
2013	Dr. Nitin Jogad	PG student	Received first prize in Table top presentation at Spirit February 2013, Chennai
2013	Dr. Shweta Sedani	PG student	Received first prize in paper presentation at PG Convention, June 2013, Dharwad, Karnataka.
2013	Dr. Nikhil Mankar	PG student	Received second prize in paper presentation at PG Convention, June 2013, Dharwad, Karnataka.
2013	Dr. Ashish Bisane	PG student	First Prize for Paper Presentation at Shodh-2013, Second Prize for Paper Presentation at Nidacon-2013.
2013	Dr. Jyoti Meshram	PG student	2 nd Prize in Poster presentation at Jabalpur (JOSG 2013)
2013	Dr. Mrunal Aley	Faculty	First prize in poster presentation Transpalatal Arches in CDE program at Jabalpur, Second prize in paper presentation on Molar Distalization in CDE programme Jabalpur, Second prize in poster presentation on Indirect Bonding in CDE program at Jabalpur.
2013	Dr. Rakhi Chandak	Faculty	Best Paper, Topic: Clinical, Hematological, Biochemical and Radiological Assessment

			of Dental Fluorosis in Endemic Fluoridated Area of Maharashtra, India at Nidacon
2013	Dr. Tejashree Bhagwatkar, Dr. Apoorva Bhondey, Dr. Yogita Dhengar	PG students	1 st prize in Poster presentation at IAFO Conference 2013,
2014	Dr. Aatif Nathani	PG student	Received first prize in poster presentation at webinar, November 2014, VSPM Dental College, Nagpur.
2014	Dr. Abhay Narayane	PG student	Received 1 st prize at Ahmedabad National Conference
2014	Dr. Mohsin Quazi	PG student	Received 2 nd prize at Ahmedabad National Conference
2014	Dr. Vaibhavi Belwalkar	PG student	Received 2 nd Prize at Gaziabad National Conference
2014	Dr. Jyoti Meshram	PG student	Received 2 nd prize during Jabalpur Orthodontic Conference October- 2014
2014	Dr. Akhilesh Shewale, Dr. Sakshi Dubey, Dr. Preeti Jayaraman,	PG students	Received Consolation Prize For Table Top Presentation At 39th Isp National Conference At Jaipur. October 2014
2014	Dr. Grishmi Niswade	PG student	First Prize for Best Poster at CDE on Aggressive Periodontitis at GDC, Nagpur 2014, Best Scientific Poster presentation IDA
2014	Dr. Vivek Shinde	PG student	1 st Prize in Poster Presentation in NIDACON, Nagpur
2014	Dr. Avanti Kulkarni	PG student	3 rd Prize in Poster presentation at Jabalpur (JOSG 2014), – 2 nd Prize in Poster presentation at 19 th IOS PG Convention 2015, 2 nd Prize in Smile Torch Slogan Competition Jan 2015
2014	Dr. Ruchika Gupta	PG student	1 st prize in Paper presentation at NIDACON 2014
2014	Dr. Vinita Tekchandani	PG student	2 nd prize in Poster presentation at Indian Association Of Forensic Odontology National Conference, Sept. 2014

2015	Dr. Swati Chaturvedi	PG student	3 rd Prize in e-Poster at XXIV IAOMP National conference at Jaipur November 2015
2015	Dr. Swapna Puri	PG student	2 nd Prize in Paper presentation at Jabalpur (JOSG)
2015	Dr. Asmita Kharche	PG student	1 st prize in Poster presentation at Jabalpur (JOSG), 2 nd prize in Poster 48 th IOC, Ahmedabad
2015	Dr. Zeeshan Asar	PG student	2 nd prize in paper presentation in Mid-term National Conference of AOMSI July 2015, 1 st prize SAWMAX 2014, 1 st PG Convention Sawangi, Wardha
2015	Dr. Vaishakhi Baisane	PG student	Consolation Prize for Poster Presentation at Nidacon 2015
2015	Dr. Sakshi Dubey	PG student	1 st Prize for Paper Presentation at Nidacon 2016.
2015	Dr. Roshan Sinkar	PG student	Received 1 st prize in paper Presentation at Nidacon 2015, Nagpur.
2015	Dr. Aushili Mahule	UG student	Indian Dental Association Award for securing the highest aggregate marks in BDS final year examination under MUHS.
2016	Dr. Pali Dhongde	PG Student	Received 2 nd prize in paper Presentation at Nidacon, 2016, Nagpur.
2016	Dr Aparajita Gangrade	PG Student	Received 1 st Prize in Paper presentation, P.G. Convention Ghaziabad 2016
2016	Dr. Vinay Bedre	PG Student	Received 1 st prize in paper Presentation at Nidacon, 2016, Nagpur
2016	Dr. Vivek Shinde	PG Student	Received 2 nd prize in paper Presentation at Nidacon, 2016, Nagpur
2016	Dr. Aarzoo Agrawal	PG Student	Received 1 st Prize in Paper presentation at Academy of Medical Sciences, Nagpur, 2016
2016	Dr Sharique Hussain	PG Student	Received 1 st Prize in Paper presentation, World Dental

			Conference, Bhopal 2016
2016	Dr. Shubhangi Badole	PG Student	Received 3 rd Prize for Paper Presentation at PG Convention IAOMR, Kanyakumari
2016	Dr. Rucha Pandharipande	PG Student	Received 'Overall Best Poster' at 28 th IAOMR, Kanyakumari
2016	Dr. Aatif Nathani	PG Student	Received 1 st Prize for Paper Presentation at PG Convention, Bhopal
2016	Dr. Sakshi Dubey	PG Student	Received 1 st prize in paper Presentation at Nidacon, 2016, Nagpur
2016	Dr. Snehal Deotale	PG Student	Received 2 nd prize in paper Presentation at Nidacon, 2016, Nagpur
2016	Dr. Monica Mahajan	PG Student	Received 1 st prize in paper Presentation at Nidacon, 2016, Nagpur
2017	Dr Janhavi Jagzap	PG student	Received 1 st prize in paper Presentation at Nidacon, 2016, Nagpur
2017	Atharva Beley	UG Student	Received 2 nd prize in poster Presentation at Nidacon, 2017, Nagpur
2017	Saurabh Ambadkar	UG Student	Received 1 st prize in paper Presentation at Nidacon, 2017, Nagpur
2017	Dr. Neelam Rahul	PG Student	Received 1 st prize in paper Presentation at Nidacon, 2017, Nagpur
2017	Dr. Swati Chaturvedi	PG Student	Received 1 st prize in paper Presentation at Nidacon, 2017, Nagpur
2017	Dr. Rupesh Vaidya	PG Student	Received 1 st prize in paper Presentation at Nidacon, 2017, Nagpur
2017	Dr. Shweta Patnaik	PG Student	Received 1 st prize in paper Presentation at Nidacon, 2017, Nagpur

3.4.6 Number of post graduate and doctoral scholars guided by each faculty during the last four years.

Name of The Department	Name of Teacher	2013-14	2014-15	2015-16	2016-17	Total
Periodontology	Dr. Arshad Sayyed	2	-	-		2
Periodontology	Dr. Deepti Gattani	1	2	2	1	6
Periodontology	Dr. Girish Bhutada	0	1	1	1	3
Periodontology	Dr. Salman Ansari	0	0	0	1	1
Orthodontics	Dr. Mrs. P.V Hazarey	2	2	2	1	7
Orthodontics	Dr. Mrunal S. Aley	1	1	2	1	5
Orthodontics	Dr. Achint Chachada	1	-	1	1	3
Conservative & Endodontics Dentistry	Dr. Sanjay Patil	2	2	2	1	7
Conservative & Endodontics Dentistry	Dr. Vandana Gade	1	1	1	1	4
Conservative & Endodontics Dentistry	Dr. Priyatama Meshram	0	0	0	1	1
Prosthodontics and Crown and Bridge	Dr. Jay Gade	2	1	1	1	5
Prosthodontics and Crown and Bridge	Dr. K. Lahoti	1	1	1	1	4
Prosthodontics and Crown and Bridge	Dr. G. Bajaj	0	1	1	1	3
Pedodontics	Dr. Rakesh Mittal	0	0	2	2	4
Pedodontics	Dr. Shweta Chandak	0	0	1	1	2
Oral and maxillofacial surgery	Dr. Pravin Lambade	2	0	0	0	2
Oral and maxillofacial surgery	Dr. Vikas Meshram	1	0	0	0	1
Oral and maxillofacial surgery	Dr. M.K. Gupta	0	2	2	1	5
Oral and maxillofacial surgery	Dr. Chandrashekhar Bande	0	1	1	1	3

Oral and maxillofacial surgery	Dr. Ajit Joshi	0	0	0	1	1
Oral diagnosis	Dr. Kulkarni	2	2	2	2	8
Oral diagnosis	Dr. Chandak	1	1	1	1	4
Oral pathology	Dr. Manjiri Thakur	2	2	2	0	6
Oral pathology	Dr. Devendra Palve	1	1	1	2	5
Total						90

3.4.11 Details of the postgraduate and research guides of the institution during the last four years.

2013-14

Department	Post graduate/ Research guides
Periodontology	Dr. Arshad Sayyed, Dr. Deepti Gattani
Orthodontics	Dr. Tripathi, Dr. Mrunal Aley
Conservative dentistry and Endodontics	Dr. Sanjay Patil, Dr. Vandana Gade
Prosthodontics	Dr. Jaykumar Gade, Dr. Krishnakumar Lahoti
Pedodontics	Dr. Rakesh Mittal, Dr. Shweta Chandak
Oral and Maxillofacial surgery	Dr. Pravin Lambade, Dr. Vikas Meshram
Oral medicine and radiology	Dr. Sunita Kulkarni, Dr. Rakhi Chandak
Oral pathology	Dr. Manjiri Thakur, Dr. Devendra Palve

2014-15

Department	Post graduate/ Research guides
Periodontology	Dr. Deepti Gattani, Dr. Girish Bhutada
Orthodontics	
Conservative dentistry and Endodontics	Dr. Sanjay Patil, Dr. Vandana Gade
Prosthodontics	Dr. Jaykumar Gade, Dr. Krishnakumar Lahoti, Dr. Ganesh Bajaj
Pedodontics	Dr. Rakesh Mittal, Dr. Shweta Chandak
Oral and Maxillofacial surgery	Dr. M.K. Gupta, Dr. Chandrashekhar Bande
Oral medicine and radiology	Dr. Sunita Kulkarni, Dr. Rakhi Chandak
Oral pathology	Dr. Manjiri Thakur, Dr. Devendra Palve

2015-16

Department	Post graduate/ Research guides
Periodontology	Dr. Deepti Gattani, Dr. Girish Bhutada
Orthodontics	Dr. Mrs. P.V Hazarey, Dr. Mrunal Aley

Conservative dentistry and Endodontics	Dr. Sanjay Patil, Dr. Vandana Gade
Prosthodontics	Dr. Jaykumar Gade, Dr. Krishnakumar Lahoti, Dr. Ganesh Bajaj
Pedodontics	Dr. Rakesh Mittal, Dr. Shweta Chandak
Oral and Maxillofacial surgery	Dr. M.K. Gupta, Dr. Chandrashekhar Bande, Dr. Ajit Joshi
Oral medicine and radiology	Dr. Sunita Kulkarni, Dr. Rakhi Chandak
Oral pathology	Dr. Manjiri Thakur, Dr. Devendra Palve

2016-17

Department	Post graduate/ Research guides
Periodontology	Dr. Deepti Gattani, Dr. Girish Bhutada, Dr. Salman Ansari
Orthodontics	Dr. Mrs. P.V Hazarey, Dr. Mrunal Aley
Conservative dentistry and Endodontics	Dr. Sanjay Patil, Dr. Vandana Gade, Dr. Priyatama Meshram
Prosthodontics	Dr. Jaykumar Gade, Dr. Krishnakumar Lahoti, Dr. Ganesh Bajaj
Pedodontics	Dr. Rakesh Mittal, Dr. Shweta Chandak
Oral and Maxillofacial surgery	Dr. M.K. Gupta, Dr. Chandrashekhar Bande, Dr. Ajit Joshi
Oral medicine and radiology	Dr. Sunita Kulkarni, Dr. Rakhi Chandak
Oral pathology	Dr. Manjiri Thakur, Dr. Devendra Palve

4.1.8 Details on the use of laboratories/museums as learning resources:

Name of the Department	No. of Laboratories	No. of Museums
Orthodontics	2	1
Operative Dentistry and Endodontics	2	-
Oral Surgery	-	1
Pedodontics	2	1
Community Dentistry	-	1
Prosthodontics	2	1
Oral pathology	2	1
Biochemistry	1	-
General pathology	1	-
Anatomy	-	1

Microbiology	1	-
Physiology	1	-
Pharmacology	1	-
TOTAL	15	7

4.1.9 Total Dental chairs specialty-wise in the Institution:

Name of the Department	No of Dental Chairs
Periodontics	46
Prosthodontics	45
Conservative Dentistry and Endodontics	45
Orthodontics	29
Pedodontics and Preventive Dentistry	31
Oral Surgery	44
Oral Medicine & Radiology	23
Oral Pathology	9
Community Dentistry	16
Total	288

4.5.2 Details of Maintenance of the infrastructure facilities, services and equipments maintained

Infrastructure facilities	• In house human resources • Periodic contract basis
Services	• In house human resources
Equipment maintenance	• By maintenance department of the institute itself • Periodic contract basis

5.1.7 Details of the type and number of institution scholarships / free ships given to the students during the last four years.

Academic Year	No. of Students Admitted (First Year / Fresh	No. of Scholarships/Freeship :Institutional	Amount Sanctioned	Payment in time

	Admissions)				
		BDS	MDS		
2012-2013	121	77	-	26,59,975/-	Y
2013-2014	124	80	-	40,09,582/-	Y
2014-2015	121	85	-	40,60,599/-	Y
2015-2016	120	90	-	43,09,472/-	Y
2016-2017	120	92	-	43,36,591/-	Y

5.1.8

Academic Year	No. of Students Admitted (First Year / Fresh Admissions)	No. of Scholarships/Freeship : Govt./Private Funding Agencies			Amount Sanctioned
		BDS	Category	MDS	
2012-2013	121		Tribal Scholarship		1020600/-
			OBC Freeship		7844873/-
			OBC GOI		5997670/-
			SBC Freeship		1233600/-
			SBC GOI		1857850/-
			SC Freeship		6394200/-
			SC GOI	4	17026665/-
			VJNT Freeship		4647545/-
			VJNT GOI		5238440/-
		260	TOTAL	4	51261443/-
2013-2014	124		Tribal Scholoaship		1528805/-
			OBC Freeship		3972170/-
			OBC GOI		10124760/-
			SBC Freeship		1580510/-
			SBC GOI		1154825/-
			SC Freeship		9467235/-
			SC GOI	10	22962505/-
			VJNT Freeship		3788575/-
			VJNT GOI		6346200/-
		284	TOTAL	10	60925585/-
2014-2015	121		Tribal Scholoaship		1597285/-
			OBC Freeship		12356767/-
			OBC GOI		1547878/-
			SBC Freeship		2284798/-
			SBC GOI		234425/-
			SC Freeship		9091812/-
			SC GOI	15	25438690/-

			VJNT Freeship		6947687/-
			VJNT GOI		2722792/-
		251	TOTAL	15	62222134/-
2015-2016	120		Tribal Scholoaship		1438175/-
			OBC Freeship		6368760/-
			OBC GOI		5181755/-
			SBC Freeship		984421/-
			SBC GOI		723834/-
			SC Freeship		8922626/-
			SC GOI	17	21619496/-
			VJNT Freeship		3414621/-
			VJNT GOI		3380771/-
		206	TOTAL	17	52034459/-
2016-2017	120		Tribal Scholoaship		2141553/-
			OBC Freeship		4248485/-
			OBC GOI		3427054/-
			SBC Freeship		254992/-
			SBC GOI		789050/-
			SC Freeship		5751282/-
			SC GOI	16	23353443/-
			VJNT Freeship		2252101/-
			VJNT GOI		2006410/-
		197	TOTAL	16	44224370/-

5.1.14 How does the institution provide an enriched academic ambience for advanced learners

Sr No	Name of Student	Project title
1	Nilesh Malode	Awareness about needle stick injuries and sharp disposal: A study conducted in Nagpur city
2	Mansvi Lanjewar	Extraction of asymptomatic tooth with or without antibiotic therapy
3	Krishna Bonde	Evaluation of awareness of implant amongst qualified dental practitioners in central India
4	Himani Thawale	Areca nut & tobacco products – a hidden gateway to oral malignancy in school going children
5	Nilima Bhoyar	Sterilization In Periodontics

5.1.18 List of few prominent alumni of the institution

Sr No	Name of Alumni	Current engagement
1	Dr. Deepak Wathore	Pursuing DDS in DDS USA
2	Dr. Arjun Dangare	Working at California

3	Dr. Roopali Shinde	Working in New York , Research Assistant at Long Island
4	Dr. Jahnvi Raut	Studying MPH in US
5	Dr. Satyanarayan Pande	Joined Defence Services (Captain)
6	Dr. Ambika Narayan	- Joined Defence Services (Captain)
7	Dr. Jaseem S	Working in Texas, PHD (Dental Informatics)
8	Dr. Asmita Kharche (MDS Orthodontics)	Working as Assistant Professor at DY Patil Dental College. Pune
9	Dr. Jyoti Meshram (MDS Orthodontics)	Working as Assistant Professor at Saraswati Dhanvantari Dental College Parbhani
10	Dr. Swapna Puri (MDS Orthodontics)	Working as Assistant Professor at Saraswati Dhanvantari Dental College Parbhani
11	Dr. Grishmi Niswade (MDS Periodontics)	Working as Assistant Professor at SDKS DCH, Nagpur
12	Dr. Akhilesh Shevale (MDS Periodontics)	Working as Assistant Professor at SDKS DCH, Nagpur
13	Dr. Aishwarya Kadu (MDS Oral and Maxillofacial Surgery)	Working as Assistant Professor at SDKS DCH, Nagpur
14	Dr. Vyankatesh Sahu	Working as Assistant Professor, Oral and Maxillofacial Surgery working at GDC Nagpur
15	Dr. Romita Gaikwad	Working as Assistant Professor, Department of OMDR at SDKS DCH, Nagpur (MDS from VSPM Dental College, Nagpur)
16	Dr. Priyanka Podutwar	Working as Assistant Professor at SDKS DCH, Nagpur, MDS Oral Pathology (from CODS Mangalore)
17	Dr. Chetan Deshmukh	MDS, PHD ACPM Dental College Dhule
18		Dr. Dr. Arti Dubey – MDS OMDR
19	Dr. Pratik Jaltare	MDS Orthodontics, ACPM Dental College Dhule
20	Dr. Deepa Thakur (MDS Conservative Dentistry)	In private practice
21	Dr. Ashwin Patil	MDS Conservative Dentistry at GDC Nagpur
22	Dr. Deepshikha Musale	MDS OMDR at GDC Nagpur
23	Dr. Smruti Khobragade	MDS Periodontics at VSPM Nagpur
24	Dr. Ishita Jaiswal	MDS Orthodontics at SPDC, Sawangi, Wardha

25	Ankita Nimbalkar	Master in business management
26	Srilekha Borkar	Selected in ISB (International School of business)
27	Simran Bhatia	Pursuing higher education in Hospital Management after BDS
28	Poonam Kondalwadikar	Pursuing higher education in Information Technology
29	Mayur Munne	Doing Masters in social health at TATA Institute Mumbai
30	Dr. Aamir Siddiqui	Private practice at Amravati
31	Pooja Kundare	Private practice at Kolhapur
32	Dr. Swapna Umare	Private practice at Chandrapur
33	Dr. Hasan Ali	Private practice at Indore
34	Dr. Roshni Chachada	Private practice at Nagpur
35	Dr. Bhushan Chaudhari	Private practice at Indore
36	Dr Roshan Sinkar (MDS Conservative Dentistry)	Private practice at Mumbai

5.2.1 Program-wise data of student strength of the institution for the current academic year (UG to PG, PG to further studies) for the last four years.

BDS	No Of Students	
	Regular	Referred
1 st Year	101	
2 nd Year	86	12
3 rd Year	80	19
4 th Year	71	21
Interns	104	
MDS (1 st Year – 3 rd Year)	65	

Year	UG to PG	PG to Further Studies
2013	8	0
2014	12	0
2015	23	0
2016	18	1

5.2.3 Category-wise details regarding the number of post graduate dissertations, Ph.D. and D.Sc. theses submitted/accepted/ rejected in the last four years.

Name of Department	No. of Theses accepted by the University		
	2014	2015	2016
Prosthodontics	3	3	3
Periodontics	3	3	3

Conservative Dentistry	3	3	3
ODMR		3	2
Orthodontics		3	2
Oral Surgery		3	3
Oral Pathology		3	3
Pedodontics			2
Total	9	21	21

5.3.1 List of the range of sports, cultural and extracurricular activities available to students.

Sport Volley Ball Discus Throw Kho Kho Cricket Chess Carrom	One day is allotted to Sports activities in the Three Days of Annual Fest One day is allotted to Sports activities in the Ten Days Ganesh Festival
Cultural and other extracurricular activities Dance Fashion Show Singing Painting Face painting Tattoo painting Rangoli Mehndi Hair style Best out of waste Wire art	Annual Fest One day is allotted to Cultural and other extracurricular activities in the Three Days Fest Ganesh Festival- VAKRATUNDA Ten days Festival of Cultural and other extracurricular activities
Participation in inter college/ University level Cultural Programs	Spandan 2017 University level Cultural Program by MUHS Nashik 2 nd Prize in Mono act play 2 nd Prize in Rangoli

- **Details of Prominent Student participations in Sports and Extracurricular activities are as follows**

Year	2013	2014	2015	2016	2017
Dance	Namrata Khetal and Group Ajay Chavan Himani T. Shruti P.	Swarneet Kakpure and group Lokesh Dabrase Nidhi Nitnawre	Rina Giri and group- Intercollege Dance Competition Oshin & group- Intercollege	Shruti Pochhi Nidhi N and group Apoorva K Naina Giri	Ravina Khairka Shraddha Z Prapti Kathane Oshin Baghel Sai Kanch.

	Anamika B. Navika G. Karishma P. Apoorva K. Abha H. Shubhangi M. Vishakha Rakhunde and group Payal Shirpure Komal Bakde Juhi Supare	and group Himani Thawale Leena R & group Dhamma and group Apoorva K Vishakha R Naina Giri Preet Soni Urvashi N Juhi Supare	Dance Competition Nidhi Nitnawre and group Anamika B and group Vaishnavi V Apoorva K Shahu Bahale and group Pooja Rathod Leena R Diksha Fulzele	Vishakha R Sarika P Snehal K Rina Giriand group Prabhat Singh	participated in Spandan 2017
Singing	Pranali Kadoo	Prabhat Singh	Shubhangi R Kajal Dorimare Rajshree G Oshin Baghel		Shivani Shivam and Sai k. in Spandan 2017
Rangoli	Shwetali Doye- Prajakta Zade Ujwal Shahu Leene RKarishma Patel	Prajakta Z Kanchan L and group- Dishanki V	Jaylaxmi Puri Sneha Potrajwar		Ashwini N in Spandan 2017
Sports	Volley Ball 2 nd Prize- Kushal Gahale and Team Three- legged race Kushal G and team Cricket winner- Batch 2011 Cricket winner- Batch 2011 Chess Chetan Ghode- 1 st Prize Badminton Leena R	Cricket winner- Batch 2011 Chess Chetan G- 2 nd Prize Tug of War Karishma P and group	Volley Ball Kushal Gahale and team- 1 st prize Football Kushal Gahale and team- 1 st prize Three- legged race Dhamma Gadpal and Kushal G- 1 st Prize Cricket winner- Batch 2012 Badminton Sonali B- 1 st Prize	Volley Ball Kushal Gahale and team- 1 st prize Batch 2012 Cricket winner- Batch 2011 Football winner- Batch 2012	Ajay Chavan Tejas Khot Riya Baj Saurabh A Anamika B in Spandan 2017

	Tug of War Karishma Patel and group		Tug of War Apoorva K and team		
Face Painting	Aishwarya N Swapnil C Leena R Diksha Fulzele Lokesh Dabrase		Aishwarya N Mohsin Quazi Lokesh Dabrase Dr Avanti K – 1 st Prize	Dr Sumit Deb – 1 st Prize	
Nail Art	Aishwarya N Apoorva K Vaishnavi V	Aishwarya N Leena R and group Pooja Rathod Snehal U	Aishwarya NShraddha D Apoorva K Tanmayee C		
Wire Bending	Aishwarya N Leena R Nikesh Gehani Tushar D Hasan Ali	Aishwarya N Nilesh M	Yuvraj T- 1 st Prize Nilesh Malode		
Tattoo Designing	Lokesh Dabrase Aishwarya N	Vaishnavi V Lokesh D Swapnil C	Aishwarya N Lokesh Dabrase		
Best out of waste	Sneha P Aishwarya N	Sonali Sasane	Apoorva K Nida Rehman Aishwarya N		
Hair style	Sonali Sasane	Sanjivani U- 1 st Prize Jyoti More- 2 nd Prize			
Mehndi	Karishma Patel	Namrata R- 1 st Prize Shubhangi N- 2 nd Prize Leena R			
Fashion Show	Anamika B Nikesh Gehani	Anamika B Nikesh G	Ajay Chavan Nikesh Gehani Anamika B Apoorva K Namrata Rathod Dhamma Gadpal Shahu Bahale	Ajay Chavan- 2 nd Prize Sarika P	

			Vaishnavi V Zara Zafreen Ojas Gajbhiye Swapnil C		

5.3.2 Details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years.

1	Apurva Kosankar	(Miss Best Personality) 2012
2	Dr. Vyankatesh Sahu, Dr. Pratik Jaltare and Dr. Chetan Deshmukh	1 st runner-up Prize in the 16 th Students Clinician Research Program organized by “DENTSPLY” on the project for “EASII(Endodontic Apical Suctioning for Intracanal Irrigation)” along with a cash prize of Rs. 21000/- in 2013
3	Dr. Anurag Shendre	Scholarship from Colgate Palmolive India Ltd. 2013 - Thesis project “Evaluation of the effect of supportive periodontal therapy on periodontal health during fixed orthodontic therapy- a clinical study”
4	Dr Vinay Bedre	Scholarship from Colgate Palmolive India Ltd. 2013 - Thesis project “Evaluating surface roughness of enamel while debonding using peppermint oil and hot water as debonding softener”
5	Dr. Chetan Deshmukh	Special Prize for Outstanding Performance” for Paper presentation at the National Conference for Teachers and Academicians held at YCCE College, Nagpur on 12 th of Jan. 2013.
6	Prashanti Nilapwar	Paper Presentation NIDACON, Nagpur 2014
7	Apurva Kosankar	Participated at IDC Bangalore 2014
8	Prashanti Nilapwar	Paper Presentation IDC, Chikhaldara 2015
9	Apoorva Kosankar	SMILECON Chikhaldara 2015
10	Namrata Khetal	Publication- Survey on awareness about orthodontic treatment in general population of Nagpur district. Int. J. Adv. Res. 5(3), 500-504 Paper presentation at the Indian Dental Conference 2015, Bangalore.
11	Prashanti Nilapwar	Paper Presentation IDC, Delhi 2016
12	Apoorva Kosankar	Paper Presentation IDC, Delhi 2016
13	Apoorva Kosankar	Poster Presentation IDC, Delhi 2016
14	Merin Theriyan	1 st Prize in Vidarbha Level Elocution Competition, March 19, 2017, on the topic, “ Current Indian laws are sufficient and efficient enough to protect Women’s rights in

		Society,”
15	Eknoor Gulati	1 st Runner up in Vidarbha Level Elocution Competition, March 19, 2017, on the topic, “Electric crematorium should be made mandatory”

IDA and other Associations’ Awards

1	Aushili Mahule	IDA, Nagpur branch award for Highest marks in Oral Surgery, on 7/02/2016
		highest marks in Pedodontics
		highest marks in Periodontics
		highest marks in Prosthodontics
		highest marks in Conservative Dentistry
		“Shree Sant Jalaram Bappa” 1 st Merit Award for IDA student member securing overall highest marks in final BDS” at 54 th MSDC Maharashtra State Dental Conference, Thane, Mumbai on 18/12/2015 .
2	Namrata Khetal	Indian Society of Periodontology Merit Award. Highest marks in the subject of Periodontology 2015 MUHS Exams.
		Certificate of Excellence, College topper in Final BDS MUHS Examination at National Dental Students Workshop Ahmedabad
		Late Gokuldasji Advani 1 st Mert award, Highest marks in subject OMFS in Final BDS, Late Upasraoji Thombre 1 st Mert award for securing highest marks in subject Prostho in Final BDS at Maharashtra State Dental Conference Dhule 2016
		Shri Sant Jalaram Bappa 1 st Merit award for securing overall highest marks in Final BDS at Maharashtra State Dental Conference Dhule 2016

BDS- Details of the achievements of students in extracurricular activities are as follows

1	MUHS Spandan 2017 University level Cultural and Sports festival	-Co sponsored by Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital, Nagpur Participations- One act play, skit, group song, group dance, solo vocal song, debate, quiz, elocution, fashion show.
	Gajanan Dhabagde Utkarsha Karmore Nitu Dhut Kalyani Goswami Khushboo Chavan Prapti Kathane Jyati Kshirsagar	Second prize in Mono act play

	Sound control by Ravina Khairkar and Shraddha Zoting	
	Ashwini Nandanwar	Third prize in Rangoli
2	Rina Giri, Surbhi Singh and group	1st Prize Intercollege Dance Competition at IMA Hall
3	Oshin Sarate Sneha, Mrunal Dongare	Intercollege Dance Competition at IMA Hall

Details of Institutional awards to students for extracurricular activities

1	Revati Upadhye	Cash Prize of Rs. 5,000/-

MDSPost-graduates Achievements

Year	Department of Oral Medine and Radiology
2012	• Dr. Sabahat Khan Best Scientific Paper at National IAOMR P.G Conference 2013, Lucknow First prize for aper presentation at NIDACON 2013 Second prize for paper presentation at NIDACON 2014 First prize for poster presentation at NIDACON 2014 • Dr. Priyanka Tidke Prize for Best scientific Presentation in IAOMR PG Convention 2013, Vadodara
2014	• Dr. Shubhangi Badole Consolation prize for poster presentation National IAOMR P.G Conference 2014, Manglore. Third prize for paper presentation National IAOMR P.G Convention 2016, Delhi.
Year	Department of Periodontics
2011	• Dr. Anand N.Wankhede Profile of the month From Indian Dental Association (National Level) Won the consolation prize for paper presentation at ISP PG convention at Lucknow
2012	• Dr. Anand N.Wankhede First prize for paper presentation at NIDACON-2012
2013	• Dr. Anurag Shendre Won the consolation prize for paper presentation at ISP PG convention at Greater Noida • Dr. Ashish Bisane First prize for paper presentation at SHODH-2013. Second prize for paper presentation at NIDACON-2013 • Dr. Preeti Jayaraman Second prize for poster presentation at NIDACON-2013 • Dr.Komaldeep Ghotra

	First prize for poster presentation at NIDACON-2013
2014	• Dr.Archana Nainani Second prize for paper presentation at NIDACON-2014 • Dr.Grishmi Niswade First prize for paper presentation at central India symposium at GDC,Nagpur. • Dr. Snehal Deotale Won the consolation prize for poster at central India symposium at GDC, Nagpur. • Dr. Preeti Jayaraman, Dr.Akhilesh Shewale, Dr. Sakshi Dubey won second prize in table top clinic at 39th ISP conference at Jaipur.
2015	• Dr. Vaishkhi Baisane Consolation prize at NIDACON-2015 for poster presentation.
2016	• Dr. Sakshi Dubey I Prize in Paper Presentation at NIDACON 2016 • Dr. Snehal Deotale II Prize in Poster Presentation at NIDACON 2016
2017	• Dr. Shweta Patnaik I Prize in Paper Presentation at NIDACON 2017
Year	Department of Prosthodontics
2012	• Dr. Mohsin quazi 1st prize: paper presentation. Topic: Synthesis of a hydroxyapatite zirconia composite- an emerging bioceramic in implant dentistry. Nidacon 2012.IDA Nagpur • Dr. Snehal chahande 2nd prize: poster presentation. Topic:Locate me with precision – locator implant abutment. Nidacon 2012. IDA Nagpur
2013	• Dr Vaibhavi Belwalkar 2nd prize: paper presentation topic: Breathing new life through telescopic overdentures. 15 IPS annual PG Convention Ghaziabad • Dr. Mohsin Quazi. 2nd prize: paper presentation topic: Imperfect made perfect: rehabilitation of oligodontia with hybrid prosthesis. 41stIps National conference
Year	Department of Orthodontics
2012	• Dr Asmita Kharche 1st prize in Poster presentation on TPA and its modifications at Jabalpur (JOSG) • Dr Asmita Kharche 2nd prize in Poster on Obstructive Sleep Apnoea at 48th IOC, Ahmedabad • Dr Swapna Puri 2nd Prize in Paper presentation on Distalization at Jabalpur (JOSG)
2013	• Dr Vivek Shinde 1st Prize in Poster Presentation on Use of Temporary anchorage devices TAD, in NIDACON, Nagpur

	• Dr Jyoti Meshram 2nd Prize in Poster presentation on Indirect Bonding (Innovation) at Jabalpur (JOSG 2013)
2014	• Dr Jyoti Meshram 2nd Prize in Paper presentation at Jabalpur (JOSG 2014) • Dr Avanti Kulkarni 3rd Prize in Poster presentation on “Appliance design assisted by 3Tex software” (Precision in orthodontic appliance design) at Jabalpur (JOSG 2014)
2015	• Dr Avanti Kulkarni 2nd Prize in Poster presentation on “Role of Scintillography – A 2D and 3D imaging technique” (Molecular level imaging) at 19th IOS PG Convention 2015 • Dr. Avanti Kulkarni 2nd Prize in Smile Torch Slogan Competition Jan 2015
2016	• Dr. Aarzoo Agrawal 1st Prize Paper presentation on “Effect of guthka ban on young rural population in and around Nagpur” at Academy of Medical Sciences, Nagpur 7 Feb 2016 • Dr Vinay V. Bedre 1st Prize in paper Presentation on obstructive sleep Apnea in NIDACON, Nagpur Feb 2016
2016	• Dr Chinmay Rathod selected in Volley Ball team of MUHS Krida Mahotsav
Year	Department of Oral and Maxillofacial Surgery
2013	• Dr. Ashutosh Thorat 1st prize in poster presentation at Maharashtra state Chapter Annual conference, AOMSI Wardha & AOMSI preconference on 28th 29th September 2013. POSTER Assessment of Predicted Results By Imaging software & Actual Results following Orthognathic Surgery: Analysis of 5 cases
2014	• Dr Zeeshan Asar 1st prize at SAWMAX 2014, 1st PG Convention Sawangi, WARDHA Paper-An autologous platelet rich novel approach in promoting Osseous regeneration in cystic Lesions – A clinical study
2015	• Dr Zeeshan Asar 2nd prize in paper presentation in Mid-term National Conference of AOMSI July 2015
2016	• Dr. Monica Mahajan Won 1st prize in paper presentation at NIDACOM 2016 held at Nagpur.
	Extracurricular • Dr. Rahul Thanvi Participation in National level dance competition held at Jamshedpur as Katthak (classical) dancer & Keyboard (piano) player.
Year	Department of Conservative Dentistry

2012	• Dr. Shweta Sedani Paper Presentation on Apical Negative Pressure System, 1st prize in Endomeet 2012, Nagpur.
	• Dr. Nikhil Mankar 1st prize in NIDACON 21/01/2012, Nagpur, Poster Presentation on See It! It's A C" 2nd prize in Endomeet 25/02/2012, Nagpur Poster Presentation on Microscope – 3rd Eye In Endodontics 2nd prize in Endomeet, 26/02/2012, Nagpur Paper Presentation on Successful Management Of C- Shaped Canals: Case Report
	• Dr. Gourav Tibdewal 2nd prize in Endomeet, 25/02/2012, Nagpur Poster Presentation on Microscope – 3rd Eye In Endodontics
2013	• Dr. Nikhil Mankar • Dr. Gourav Tibdewal 1st prize at all India presentation, 'SPIRIT' for innovative research project. Table Top Presentation on An Innovative method of MTA Placement Technique. 26/04/2013 to 27/04/2013 at Chennai
	• Dr. Nikhil Mankar 2nd prize in Reflection 13. Paper Presentation on Explore the curvature of C – Case report 14/02/2013. SDKS, Nagpur
	• Dr. Gourav Tibdewal 1st prize for PG convention 2013 at Dharwad, Karnataka. Paper Presentation on An Endodontic Enigma Of Maxillary First Molar With Six Canal- A Case Report
	• Dr. Shweta Sedani 1st prize in ENDOSCOPE Paper Presentation on Endodontic Management Of Teeth With Rare Internal Anatomy Using CBCT – Case Report 2013, at Mumbai 2nd prize in Reflection 13, Poster Presentation on Gain Without Pain 14/02/2013. SDKS, Nagpur
	• Dr. Nitin Jogad 1st prize at all India presentation, 'SPIRIT' for innovative research project. Table Top Presentation on An Innovative Method Of MTA Placement Technique at Chennai
2014	• Dr. Nitin Jogad 2nd prize, NIDACON Paper Presentation on Separated instrument removal – Case Series 26/01/2014 -27/01/2014, Nagpur
	• Dr. Leena Belsare • Dr. Ankur Banode 1st prize in 3rd west zone PG Convention. Poster Presentation on Bioceramic – Game Changer In Endodontics, 2014, Pune

	• Dr.Roshan Sinkar 3rd prize, NIDACON Paper Presentation on Comparison Of Sealing Ability Of Proroot MTA, Retromta & Biodentin Root Repair Material In Furcation Perforation Using Dye Extraction – An In Vitro Study 26/01/2014 -27/01/2014, Nagpur
	• Dr.Roshan Sinkar 1st prize in Paper Presenation on Comparison Of Sealing Ability Of Proroot MTA, Retromta & Biodentin Root Repair Material In Furcation Perforation Using Dye Extraction – An In Vitro Study 2014, SDKS Dental college Nagpur
	• Dr.Aatif Nathani 1st Prize in Webinar on Lasers in Dentistry. Poster Presentation on Detect The Undectable (Lasers In Dentistry) 20/11/2014, VSPM Dental college, Nagpur
2015	• Dr.Roshan Sinkar 2nd prize at NIDACON. Poster Presentation on Comparison Of Sealing Ability Of Bioaggregate, Biodentin & Endosequence Root Repair Material In Furcation Perforation Using Dye Extraction – An In Vitro Study 2015, Nagpur 1st prize, Poster Presentation on Comparison Of Sealing Ability Of Bioaggregate, Biodentin & Endosequence Root Repair Material In Furcation Perforation Using Dye Extraction – An In Vitro Study. 2015, SDKS Dental college Nagpur 1st prize at IIDC, Paper Presentation on Comparison Of Sealing Ability Of Bioaggregate, Biodentin & Endosequence Root Repair Material In Furcation Perforation Using Dye Extraction – An In Vitro Study, 2015, Nagpur
	• Dr. Aparajita Gangrade 1st Prize in, National P.G. Convention, Paper Presentation on In Vitro Evaluation Of Remineralization Efficacy Of Different Calcium & Fluoride Based Delivery Systems On Artificially Demineralized Enamel Surface, 2015, Ghaziabad
2016	• Dr. Neelam Rahul 1st Prize at NIDACON. Paper Presentation on A Comparative Evaluation Of 17% EDTA & Newer Irrigant Q-MIX On The Bond Strength Of Bioceramic Sealer To Root Canal Wall: An In Vitro Study. 5th & 6th March 2016, Nagpur
	• Dr. Aatif Nathani 1st Prize at National PG Convention. Paper Presentation on Comparative Evaluation Of Surface Topography Of Three Different Rotary NI-TI Files Systems Using Atomic Force Microscopy- An In Vivo Study. 1st – 3rd April 2016, Bhopal
	• Dr. Sharique Hussain 1st Prize at Denasia International Conference, Bhopal, Paper Presentation on Qualitative and quantitative root dentine cut in oval canal with protaper gold, Nd-Yag laser and hand file- A CBCT and SEM. 5th-7th May 2016, Bhopal

Year	Department of Oral Pathology
2013	• Dr. Ruchika Gupta Paper Presentation 1st prize in NIDACON Nagpur. Jan 2013
	• Dr. Tejashree Bhagwatkar, Dr Apoorva Bhondey, Dr Yogita Dhenger Best Poster Presentation XI National Conference IAFO Vijayawada Sep 2013
2014	• Dr. Ruchika Gupta Paper Presentation 1st prize in NIDACON Nagpur. Jan 2014
	• Dr Vinita Tekchandani 2nd Prize Paper Presentation XII National Conference IAFO Dehradun Sep 2014
2015	• Dr Swati Chaturvedi 3rd Prize Postee XXIV National Conference IAOMP, Jaipur Nov 2015
2017	• Dr Swati Chaturvedi 1st Prize Paper presentation, NIDACON, Nagpur Feb 2017
Year	Department of Pedodontics
2014	• Dr Manisha Chandwani 1st Prize Poster presentation, SDKS Dental College Nagpur, 2 March 2014
2015	• Dr Shweta Bhyade 2nd Prize Paper presentation, NIDACON 10 Jan 2015
2016	• Dr Pali Dhongde 2nd Prize Paper presentation, NIDACON 6 Feb 2016

5.3.5 Details of constitution, activities and funding of the institution's Student Council or any other similar body

a	Dean/ Principal (chairman)	Dr Sanjay Patil
b	One teacher nominated by Dean/ Principal	Dr Romita Gaikwad
c	Program officer of NSS	Dr Juzer Rasul
d	Director Sports / Physical Education Instructor	Mr Kale
e	Officer In charge cultural activities	Dr Yogita Dhenger
f	One student of each class (UG / PG) nominated By Dean / Principal provided that the principal Shall nominate student under clause (f) who is engaged in full time studies / training in college & Have secured highest no. of marks in Preceding Annual Examination	1st Year: 2 nd Year: Lubna Sayed 3 rd Year: Taskeen Ammara 4 th Year: Shrushti Akulwar Interns: Namrata Khetal PG: Chinmay Rathod
g	One student of each class (UG / PG)	Sports: prapti Kathane: 3 rd BDS

	nominated By Dean / Principal who has shown Outstanding Performance, from Following Activities:	NSS : Shruti Pundkar : Final BDS NCC: Krishna Bonde: Final BDS Cultural: Khushboo chavan : 3rd BDS Research : Saurabh Ambadkar : Second BDS
	2 lady Students nominated By Dean / Principal, who have shown Outstanding Performance, in Sports, NSS, NCC & Cultural Activities	Nitu Dhut Merin Thariyan
h	Name of student secretary , elected from amongst Student members other than the students of 1 st year, Internees & PG	Krishna Bonde

5.3.6 Details of various academic and administrative bodies that have student representatives in them.

1	Dr. Vyankatesh V. Sahu	Final BDS 2 nd Topper in Maharashtra University of Health Sciences, Nashik (2013)
2	Dr. Satyanarayan Pandey	Final BDS 5 th Topper in Maharashtra University of Health Sciences, Nashik (2013)
3	Dr. Vyankatesh Sahu	Dr I.C Dudhani Gold Medal in Oral & Maxilliofacial Surgery (2013)
4	Dr. Priyanka Podutwar	Dr. S. Bhatt Gold Medal in Prosthodontics (2013)
5	Miss. Aushili Mahule	Indian Dental Association Award for highest aggregate marks in BDS final year examination (2015) Highest marks in Pedodontics, Periodontics, Prosthodontics, Conservative Dentistry
6	Miss. Namrata Khetal	Topper in subject Prosthodontics & Oral Surgery, Periodontics (2016)

Details of Institutional awards to students for academic excellence

1)	Dr. Vyankatesh Sahu	2 nd Topper Final BDS cash prize of Rs. 1,77,350/-
2)	Dr. Satyanarayan Pandey	5 th Topper Final BDS cash prize of Rs. 88,675/- 4 th Topper Third Rs. 5,000/-
3)	Dr. Priyanka Podutwar	Subject topper Final BDS cash prize of Rs. 88,675/- 3 rd Topper Third BDS cash prize of Rs. 5,000/- .
4)	Dr Aarzoo Agrawal	Topper in III BDS Cash Prize of Rs. 5,000/-
5)	Dr. Pradnya Dongre	(2 nd Topper) cash prize of Rs. 5,000/-.
6)	Dr. Veena Bhagat	(5 th Topper in) cash prize of Rs. 50,000/-.
7)	Dr Aushili Mahule	Topper in MUHS Cash Prize of Rs. 50,000/-
8)	Dr Prabhat Kawale	Topper in MUHS Cash Prize of Rs. 25,000/-
9)	Dr Vinay Bedre	Quotes Competition, Cash Prize of Rs. 15,000/-

Library awards (For students completing maximum numbers of library hours)

1	Harshita Lokhande	Cash Prize Rs. 1000/- each
2	Vaibhav Sable	
3	Sanchi Kadbe	
4	Priyanka Sahare	
5	Arthali Karale	
6	Rameshwar Rathod	
7	Aditaya Kawane	
8	Divya Bankar	
9	Rohit More	
10	Chandrshekhar Pande	
11	Sumedh Ingole	
12	Harshita Lokhande	

The Institution endeavour to inculcate the following attributes in its students and faculty

The 12Cs Concept

Dos	Donts
Competent	Casual Approach
Confident	Complacent Attitude
Concern	
Compassion	
Consistency	
Commitment	
Communication	
Coordination	
Cooperation	
Cool and Composed	

12Cs competition was organized by the Institution and prizes amounting to a total of Rs. 60,000/- were awarded to the contributing students

6.4.7 Free / subsidized services provided to the patients in the hospital

Sr. no.	Name of the department	Free and concessional treatment services
1.	Oral Medicine and Radiology	Aspiration Cytology, Toluidine Blue Staining, Exfoliative Cytology, Biopsy, TENS Therapy, Intra lesional injections and any first X- ray for the camp patients is free.
2.	Oral Surgery	Extraction of camp patient is free.
3.	Periodontia	Scaling and polishing is free for camp patients.

4.	Prosthodontics	Complete Dentures and Removable Partial Dentures are free.
5.	Conservative Dentistry	GIC and Amalgam filling done by students are free of cost.
6.	Orthodontia	For camp patients – 50% concession on all treatments.
7.	Pedodontics	All the treatment is free except crowns and orthodontic appliances.
8.	Public Health Dentistry	Scaling and fluoride application is free for camp patients.



Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital

Wanadogari Road, Hingna, Dist. Nagpur-441 110.

Ph.No. (07104) 321782, 280556

Fax.: (07104) 280555, (0712) 2563836

E-mail : dadasahebkalmeghdental@yahoo.com

NO.S.D.K.S.D.C. & H/8939/2017
Dated...04...05...2017

DECLARATION BY THE HEAD OF THE INSTITUTION

I certify that the data included in the Self Study Report (SSR) is true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions and no part thereof has been out sourced.

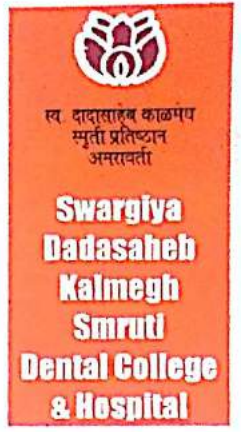
I am aware that the Peer team will validate the information provided in this SSR during the Peer team visit.

For Swargiya Dadasaheb Kalmegh Smruti Dental College and Hospital

S. Sanjay Bhat
Dean

Place : Nagpur

Date : 04.05.2017



Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital

Wanadogari Road, Hingna, Dist. Nagpur-441 110.

Ph.No. (07104) 321782, 280556

Fax.: (07104) 280555, (0712) 2563836

E-mail : dadasahebkalmeghdental@yahoo.com

NO.S.D.K.S.D.C. & H/8940/2017
Dated... 04 / 05 / 2017

Certificate of Compliance

(Affiliated/Constituent/Autonomous Colleges and Recognized Institutions)

This is to certify that Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital, Wanadongri road, Hingna, Dist. Nagpur fulfils all norms

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body [such as UGC, NCTE, AICTE, MCI, DCI, BCI, etc.] and
3. The affiliation and recognition [if applicable] is valid as on date.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 4/5/17

Place: Nagpur

Principal/Head of the Institution
CDR Sanjay S. Patil
(Name and Signature with Office seal)





Government of India

Ministry of Human Resource Development

Department of Higher Education

Statistics Division

New Delhi

Certificate

Reference No. C-13998-2016

This is to certify that Swargiya Dadasaheb Kalmegh Smruti Dental College of Swargiya Dadasaheb Kalmegh, Smruti Dental College, Wanadongri Rd., Hingana, Dist. Nagpur has successfully uploaded the data of All India Survey on Higher Education (AISHE), 2016-2017.

Dated: 12/04/2017

(B N Tiwari)

Deputy Director General