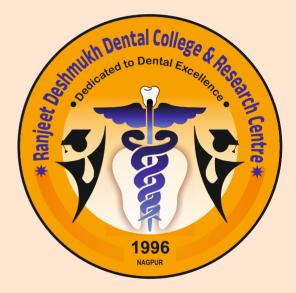
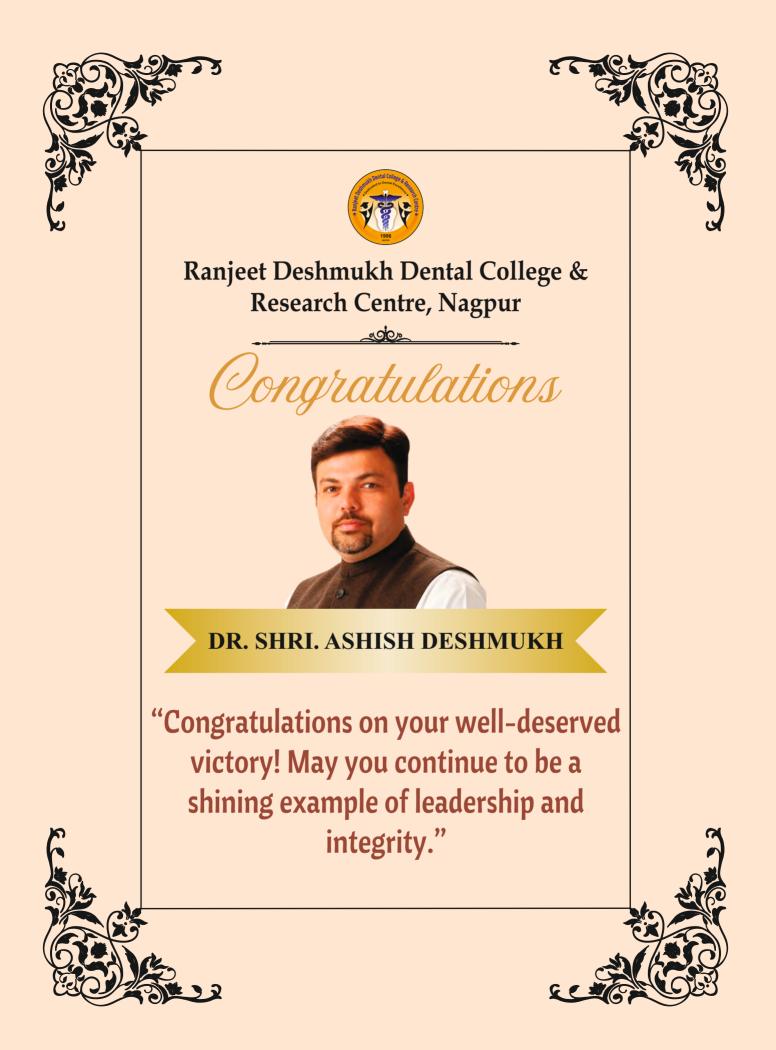
2023-24 ANNUAL REPORT



RANJEET DESHMUKH DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR

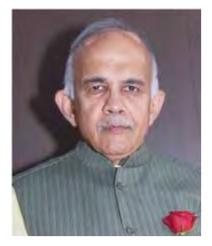


Ranjeet Deshmukh Dental College & Research Centre, Nagpur





Chairman's Message



Greetings from the VSPM Academy of Higher Education, Nagpur. Over the years we have established ourselves as an institution dedicated towards health care needs of population in general and educational needs of young aspiring students in particular. We as an institution have always strived to prepare the next generation of professionals for the challenges posed by the current times. We have always tried to uphold the highest ethical standards in the profession and wish to cultivate and nurture the best of the talents.

Reflecting on the past year, I am filled with pride and joy to share the remarkable success of two significant events organized by the Ranjeet Deshmukh Dental College and Research Centre, Nagpur on completion of glorious 25 years of service to the public. The Silver Jubilee Celebrations which saw one of the most successful events of the campus "The Sync: National Dental Conference". The Silver Jubilee Celebration was a momentous occasion, marking 25 years of unwavering dedication to Dental education and excellence in the profession. It was indeed an opportunity to honor our journey, achievements, and the countless individuals who have contributed to our success. It served as a vibrant platform for knowledge sharing, innovation and collaboration in the field of Dentistry. These events not only celebrated our legacy but also reinforced our commitment towards nurturing future leaders in the Dental profession.

This annual report is a testament to the institute's continuous efforts to make a meaningful impact in Dental education, research, and healthcare. Over the past year, we have made significant strides in enhancing patient care services, driving scholarly research, and fostering institutional growth. These achievements reflect the collective hard work, dedication, and vision of our faculty, staff and students.

I extend my heartfelt congratulations to the Editor and the Annual Report Committee's Editorial Team for their tireless efforts in compiling this comprehensive and insightful document. Their work beautifully captures the essence of our accomplishments and the progressive steps we have taken toward achieving our goals.

As we look to the future, I am confident that Ranjeet Deshmukh Dental College & Research Centre will continue to be a beacon of excellence in Dental education and patient care services, inspiring generations to come. Together, let us build on this legacy and reach even greater heights.

My Best wishes for the institutional progress, which I am sure will be a continuous journey.

Shri Ranjeetbabu Deshmukh

Chairman, VSPM AHE, Nagpur

Vice Chairman's Message



As a proud member of the administration of this esteemed institution, I am deeply honored to play a role in shaping the next generation of medical professionals, educators, researchers, leaders, and scholars. Serving as the Vice Chairman of VSPM and contributing to the institute's ongoing growth and success is a privilege I hold dear.

Our institution has consistently stood as a shining example of excellence in education, research, and community service. The achievements of our faculty, staff, and students stand as a testament to their unwavering commitment and dedication. Their remarkable contributions, both nationally and internationally, in the fields of research, teaching, and service are a source of immense pride. Their tireless efforts have propelled the institution forward, reinforcing its reputation as a leader in dental education and healthcare.

The transformational journey of this institution would not have been possible without the visionary leadership of our esteemed Dean, Dr. Abhay Kolte. His dedication, foresight, and guidance have been pivotal in advancing the college across multiple dimensions, including academics, research, and healthcare services. Under his leadership, we have achieved significant advancements in various research initiatives and institutional growth, further solidifying our reputation as a leader in the field of dental education.

I would like to express my heartfelt gratitude to the editorial team for their exceptional dedication and meticulous efforts in producing this annual report magazine. Their work captures the essence of the institution's progress and achievements with precision and clarity, providing a comprehensive account of the past year. This report serves not only as a reflection of our accomplishments but also as an inspiration for future endeavors.

I am confident that Ranjeet Deshmukh Dental College & Research Centre will carry forward its proud tradition of excellence. Together, we will strengthen this solid foundation and achieve new milestones in education, research, and service.

Dr. Ashish Deshmukh Vice Chairman VSPM AHE, Nagpur



Founder's Message



I am overwhelmed with pride, gratitude, and optimism as I reflect on our journey. From modest beginnings to becoming the esteemed institution we are today, the progress we have achieved is truly remarkable. I extend my heartfelt thanks to every member of our community—faculty, staff, students, and alumni. Your unwavering dedication, passion, and pursuit of excellence have been the cornerstone of our growth and success. Together, we have created an environment that champions academic rigor, innovation, and meaningful community engagement.

The resounding success of the Silver Jubilee Celebration and "The Sync" National Dental Conference stands as a testament to the hard work, enthusiasm, and steadfast support of everyone who has been part of our journey. We are deeply humbled by the incredible response, active participation, and enthusiasm of our esteemed guests, speakers, delegates, sponsors, and the wider community.

I congratulate the editorial team for their dedication in producing the Annual Report of RDDCRC for the year 2023-24 and extend my best wishes to all for continued success.

Shri Bhausaheb Bhoge

Founder VSPM AHE Nagpur

Secretary's Message



I sincerely thank everyone who has contributed to our achievements and success. As we move forward, let us remain committed to upholding the highest standards of education and patient care that define our institution. It fills me with immense pride to extend my heartfelt congratulations to each one of you as we celebrated the Silver Jubilee of RDDCRC. This milestone reflects our unwavering dedication to academic excellence, clinical expertise, and community service.

This year's annual report not only highlights the college's accomplishments over the past year but also emphasizes the steps taken toward continuous improvement and growth.

I extend my gratitude to the editorial team for their dedication in preparing the RDDCRC Annual Report for 2023–2024 and wish everyone continued success in the years ahead.

Shri Yuvraj Chalkhor

Secretary



Dean's Message



It's an honor to write a message for the Annual report of one of the most prominent and prestigious institutes of our country. As we reflect on another year of growth and progress at the Ranjeet Deshmukh Dental College and Research Centre, it is with great pride and gratitude that we celebrate the accomplishments of our students, faculty, and staff. The past year has been one of resilience, innovation, and restructuring of community-oriented activities. We all have been working together toward our shared mission of academic excellence and holistic development. Needless to say, that it has been possible because of whole hearted support and active contributions from all the staff members and the students.

The past one year has seen an overall increase in activities directed towards the scientific upscale, on field activities for the benefit of general population and professional skill development programs for the faculty as well as student members. The major contributors in this challenge for betterment includes the Faculty Development Programs undertaken by many staff members especially on the Swayam platform which speaks greatly about their urge to improve upon themselves. Another area where the staff and students have contributed is the realization for innovative thinking which has resulted in overall increase in the number of Copyrights, Patent applications being filed and publications arising from the projects undertaken by them. The appointment of Research Mentor has considerably aided in achieving this objective.

Our UG as well as PG students have demonstrated exceptional perseverance and dedication, both in and out of the classroom. Despite the challenges of a rapidly changing world, they have excelled in their academic pursuits, engaged in meaningful extracurricular activities and contributed to the broader community through service and leadership initiatives. Their efforts have been demonstrated in the applications being filed for Research Grants to various Governmental agencies, some of them being accepted and others being under consideration.

In addition to our academic achievements, we have made significant strides in enhancing our infrastructure, expanding our programs, and fostering a culture of inclusivity and innovation. The College's emphasis on interdisciplinary learning, research opportunities, and global engagement has further strengthened its position as a leader in higher education. These endeavors were rightly appreciated when our institute received the prestigious a. Most innovation Conducive campus award, b. Best patent award, c. Best Idea award at the patent fest held in 2023 and d. Best Scientific and Research Institute Award" at the National level for 2024 through the Pierre Fauchard Academy, Asia Region.

As we look ahead, let us remain focused on our vision of empowering future leaders, fostering critical thinking and promoting a sense of social responsibility. We are committed to continuing our journey of excellence, supporting the aspirations of our students, and contributing to the betterment of society at large.

Dr. Abhay Kolte

Dean,

Ranjeet Deshmukh Dental College and Research Centre, Nagpur.

Vice Dean (Administrative)'s Message



It gives me great pleasure to pen these few lines regarding our beloved institution. As usual we intend to and achieve great heights with each passing year. The undergraduates and postgraduates performed excellently in the University exams and many secured fellowships at reputed institutes. The college always aspires to provide the latest instruments and equipment to its student. This has been made possible by the benevolence of the management.

The staff also strives hard to make the institution proud by carrying out research activities in the form of publications patents and copyright. They also leave no stone unturned to provide the highest level of academics to the students

I am confident that this trend will continue in the years to come.

Dr. S.R. Shenoi Vice Dean (Administrative) RD DCRC Nagpur.



Vice Dean (Clinical)'s Message



As we reflect on another transformative year at our esteemed Institute, I am filled with a profound sense of pride and gratitude. This Annual Report encapsulates the dedication, innovation, and excellence that define our institution.

Over the past year, amidst unprecedented challenges, our Institute has demonstrated remarkable resilience and adaptability. Our faculty, renowned for their expertise and commitment to teaching, research, and patient care, have risen to the occasion, successfully navigating the complexities of a rapidly evolving healthcare landscape. Their unwavering dedication has ensured that our students continue to receive a world-class education, blending tradition with innovation.

I am delighted to share the success captured within these pages, especially the impactful Silver Jubilee Celebrations, which included "The Sync" National Dental Conference for both UG & PG students, Mega Dental Camps in nearby rural areas, and a health exhibition aimed at raising dental awareness among school children. These events serve as a testament to our college's enduring commitment to excellence in dentistry and our dedication to the community.

My sincere thanks go to all who contributed to making these milestones both memorable and meaningful. With continued enthusiasm and dedication, we look forward to shaping the future of our profession together.

Dr. Mukta Motwani Vice Dean (Clinical) RD DCRC Nagpur.



From the editor's desk



It gives me immense pride and honor to present the Annual Report of Ranjeet Deshmukh Dental College and Research Centre, Nagpur, for the academic year 2023-24. This report stands as a testimony to the institute's dynamic growth, unwavering commitment to excellence, and achievements over the past year.

The annual report is a carefully compiled document that captures the essence of the institution's endeavors and accomplishments. It highlights a wide spectrum of activities, ranging from academic and administrative milestones to extracurricular achievements that reflect the holistic development approach adopted by our institution. This comprehensive overview offers insights into the institute's progress and performance during the academic year 2023-24.

The report not only showcases the dedication and efforts of our faculty, staff, and students but also underscores the collaborative spirit that drives this institution forward. From remarkable strides in academics to significant achievements in research, administration, and student engagement, each aspect of this report is a reflection of the collective efforts and commitment of the entire Ranjeet Deshmukh Dental College family.

I would like to extend my heartfelt gratitude to the Dean, Heads of Departments, Committee Heads, and every individual who has played a role in the preparation of this report. Your meticulous efforts and contributions have made it possible to compile a document that not only records our accomplishments but also inspires us to aim for greater heights.

This report is more than just a summary of the year—it is a celebration of our shared vision, dedication, and perseverance. As we reflect on our achievements, let us also look ahead with renewed enthusiasm and determination to build on our successes and continue striving for excellence.

Dr. Usha Shenoy Editor, RDDCRC



ANNUAL REPORT COMMITTEE



Dr. Usha Shenoy Chairman



Dr. Vrinda Kolte Co-Chairman



Dr. Himija Karia



Dr. Gautam Badole



Dr. Richa Pandhripande



Dr. Akhil Rathi



Dr. Kshitij Bang



Dr. Sudhir Rawlani



Dr. Dhanashree Ghoderao



Dr. Rakshata Sorte



Dr. Prabhat Singh

Ranjeet Deshmukh Dental College & Research Centre, Nagpur ANNUAL REPORT - 2023-24

Administrative Set Up of RD DCRC, Nagpur

| Name | Designation | Department | | | |
|------------------------|--|---------------------------|--|--|--|
| Dr. Abhay Kolte | Dean, Professor & HOD | Periodontics | | | |
| Dr. Ramakrishna Shenoi | Vice Dean (Administrative), Professor & HOD | Oral Surgery | | | |
| Dr. Mukta Motwani | Vice Dean (Clinical), Professor & HOD | Oral Medicine & Radiology | | | |
| Dr. Usha Shenoy | Professor & HOD | Orthodontics | | | |
| Dr. Alka Dive | Professor & HOD | Oral Pathology | | | |
| Dr. Pratima Shenoi | Professor & HOD | Conservative Dentistry | | | |
| Dr. K. Venugopal Reddy | Professor & HOD | Public Health Dentistry | | | |
| Dr. Neelam Pande | Professor & HOD | Prosthodontics | | | |
| Dr. Devendra Nagpal | Professor & HOD | Pedodontics | | | |
| Mr. Chetan Deshmukh | Administrative Officer | Administration | | | |
| Mr. Vilas Chaudhary | Accountant | Accounts Department | | | |
| Kadambari Saigal | Librarian | Library | | | |

Institutional Academic Audit, Monitoring & Evaluation Cell

| Dr. Pratima Shenoi, Prof & HOD (Conservative Dentistry & Endodontics) | | | | | | |
|---|--|--|--|--|--|--|
| Dr. Chetana Makade, Reader(Conservative Dentistry & Endodontics) | | | | | | |
| Dr. Mohit Gunwal, Reader (Conservative Dentistry & Endodontics) | | | | | | |
| Dr. Vrushali Lathiya , Reader (Periodontics) | | | | | | |
| Dr. Tapasya Karemore, Reader (OMDR) | | | | | | |
| Dr. Anita Kahar, Lecturer (Prosthodontics) | | | | | | |
| Dr. Himija Karia, Reader (Orthodontics) | | | | | | |
| Dr.Saee Deshpande, Professor (Prosthetic Dentistry) | | | | | | |
| Dr.Dawal Modi Reader (Periodontics) | | | | | | |
| Dr.Rahul Dahakhe, Sr Lect (Oral Surgery) | | | | | | |
| Dr.Kusham Fuladi Sr.Lect (Conservative Dentistry & Endodontics) | | | | | | |
| Dr.Nivedita Nandeshwar, Sr.Lecturer (Orthdontics) | | | | | | |
| Dr.Neena Dongre, Lecturer (Oral Pathology) | | | | | | |
| Dr.Pooja Rathi, Sr.Lecturer , (Pedodontics) | | | | | | |
| Dr.Smriti Jagdhari, Sr.Lecturer (OMDR) | | | | | | |
| Dr.Sudhir Rawalani, Reader (Public Health Dentistry) | | | | | | |
| | | | | | | |

The Committee conducts meeting bi annually with its members and departmental representatives to monitor the progress of data collection. Its objective is to compile all the data from all departments comprising of academic and non academic activities of staff and students for academic session from 1st July 2023 to 30th June 2024. The verified data of all Departments' is summarized as follows:

Teaching Learning:

| Sr. | Department | | Record C | l)f Lectures | | Clinics | ll Preclinical | Tead | III cher's Fe (Averaç | | IV Innovative Teaching Learning | PCT E | V valuation | V Attendand | | VII Student Enrichment Programme Details |
|-----|--------------------------------------|---------|-------------|------------------|----------------------------|---------|-------------------|--------------|-----------------------------|---------|--|------------------------|-------------------|--|--|--|
| No. | Department | A UG | B PG/PHD | C Remedial | D Potential Learners | Clinics | Preclinical | Very Good | Good | Average | Total No. | Total No. of PCT | Average Pass % | Average % Of Attendance For Lecture | Average % Of Attendance For Clinical Posting | Total No. of programmes |
| 1. | Oral And Maxillofacial Surgery | 89 | - | 2 | 12 | 36 | - | 4 | 2 | | 2` | 6 | 83.3% | 80.3% | 90.3% | 01 |
| 2. | Oral Medicine and Radiology | 184 | 2 | 2 | 4 | 288 | - | | 3.75 | | 06 | 10 | - | 90% | 87% | 02 |
| 3. | Public Heath Dentistry | 65 | | 2 | 4 | 172 | - | 3 | 2 | 0 | 3 | 6 | 100% | 75% | 85% | 01 |
| 4. | Orthodontics | 82 | 09 | 04 | 07 | 36 | - | 4 | 2 | - | 05 | 06 | 85.3% | 80.3% | 90.3% | 02 |
| 5. | Periodontology | 56 | 02 | 02 | 04 | 264 | - | 3.75 | | | 06 | 09 | - | 84% | 90% | 02 |
| 6. | Prosthodontics | 473 | 2 | 8 | - | 335 | 225 | | 14 | | 15 | 10 | 90% | 82% | 81% | 04 |

| Sr. | Department | | Record C | l Of Lectures | | Clinics | II III Inics / Preclinical (Average) IV Learning PCT Evaluat | | | ۸ Attendan | /I ce Record | VII Student Enrichment Programme Details | | | | |
|-----|--|---------|-------------|------------------|----------------------------|---------|--|--------------|------|---------------|-----------------|--|--------------------|--|--|----------------------------|
| No. | Department | A UG | B PG/PHD | C Remedial | D Potential Learners | Clinics | Preclinical | Very Good | Good | Average | Total No. | Total No. of PCT | Average Pass % | Average % Of Attendance For Lecture | Average % Of Attendance For Clinical Posting | Total No. of programmes |
| 7. | Pediatric & preventive Dentistry | 133 | 11 | 04 | 04 | 05 | 08 | 03 | 03 | - | 06 | 6 | 75% | 75% | 86.6% | 03 |
| 8. | Conservative Dentistry And Endodontics | 196 | 05 | 15 | 07 | 299 | 290 | 08 | 04 | - | 10 | 07/13 | 87.05% / 78.36% | 74.92% | 63.7% | 08 |
| 9. | Oral And Maxillofacial Pathology | 163 | 07 | 02 | 03 | - | 218 | 4 | 3 | | 03 | 07 | 95% | 92% | 89% | 03 |

Faculty Data:

| Sr. No. | Department | l Resource Person | II Chairperson/ Moderator/ Judge | II Member Of Committees | IV Editorial Boards | V Seminars\ workshops\ conference | VI Awards/ Prizes | | /II EC | | 'IIII cations | IX H Index of Faculty | | Х | |
|---------|---|-------------------------|---|-------------------------------|---------------------------|--|-------------------------|----------|-----------|---------|------------------|--------------------------|-----------|--------|--------|
| | | Total-no. | Total-no. | Total-no. | Total-no. | Total-no. | Total-no. | Approved | Completed | Indexed | Non- Indexed | Average of Department | Copyright | Patent | Grants |
| 1. | Oral And Maxillofacial Surgery | 03 | 06 | - | 01 | 02 | - | - | - | 2 | 1 | 3.9 | 2 | - | |
| 2. | Oral Medicine and Radiology | 17 | 11 | 1 | 15 | 35 | 06 | - | - | 6 | 5 | 5 | - | - | - |
| 3. | Public Heath Dentistry | 2 | - | - | | 5 | | - | 2 | 1 | - | 5 | 1 | - | - |
| 4. | Orthodontics | 4 | 4 | 1 | - | 28 | - | 1 | - | 6 | - | 3.3 | 09 | - | 1 |
| 5. | Periodontology | 11 | 09 | 1 | 01 | 19 | 07 | 19 | 04 | 13 | 05 | 7 | 30 | 10 | - |
| 6. | Prosthodontics | 23 | - | 3 | 05 | 130 | 29 | 18 | 6 | 9 | 10 | 5 | 07 | 1 | 1 |
| 7. | Pediatric & preventive Dentistry | 05 | 03 | 1 | 02 | 31 | 02 | 2 | - | 05 | - | 3.3 | 08 | - | 01 |
| 8. | Conservative Dentistry And Endodontics | 8 | 5 | 1 | 01 | 20 | 03 | 1 | 1 | 07 | 01 | 5.38 | 03 | 2 | - |
| 9. | Oral And Maxillofacial Pathology | 02 | 07 | 04 | - | 29 | 02 | | 01 | 05 | 02 | 4.6 | - | 01 | |

Publication & Research - UG/PG/PHD

| Sr. | No Department Committee | | | | II ations | | | PG/F | III PHD Record | | | | IV | | | V | | |
|-----|--|----------|-----------|---------|-----------------|---------|----|----------------------|----------------------|-------------------------|-------------|------------|--------------|--------|-----------------------|----------------|-------------------|--|
| NO | | Approved | Completed | Indexed | Non- Indexed | Seminar | JC | Case presentation | Research projects | Conference/ workshop | Publication | LD | Dissertation | Awards | Posting Activities | Short Study | Co- Curricular | |
| 1. | Oral And Maxillofacial Surgery | 3 | - | 3 | - | 62 | 12 | 48 | - | 06 | - | 3 | 3 | - | - | - | - | |
| 2. | Oral Medicine and Radiology | 09 | 1 | - | - | 38 | 32 | 22 | 03 | 03 | - | 03 | - | 03 | - | 21 | | |
| 3. | Public Heath Dentistry | - | - | 1 | - | | - | | - | - | - | - | - | - | - | - | - | |
| 4. | Orthodontics | 12 | 3 | 4 | - | 48 | 26 | 164 | 09 | - | 02 | 03 | 03 | 09 | - | 06 | - | |
| 5. | Periodontology | 18 | 02 | 20 | 01 | 65 | 68 | 12 | 15 | 03 | 11 | 04/ SR4 | 04 | 05 | - | 18 | 2 | |
| 6. | Prosthodontics | 85 | 42 | 2 | 9 | 94 | 94 | - | 47 | 17 | 6 | 10 | 10 | 14 | - | - | - | |
| 7. | Pediatric & preventive Dentistry | 13 | | 04 | 01 | 34 | 17 | 05 | 11 | 04 | 03 | 03 | 02 | - | - | 05 | - | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 13 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |

| Sr. No | Department | | l nal Ethics nittee | l Public | l ations | | III PG/PHD Record | | | | | | IV | | v | | |
|-----------|--|----------|---------------------------|-------------|-----------------|---------|----------------------|----------------------|----------------------|-------------------------|-------------|----|--------------|--------|-----------------------|----------------|-------------------|
| NO | | Approved | Completed | Indexed | Non- Indexed | Seminar | JC | Case presentation | Research projects | Conference/ workshop | Publication | LD | Dissertation | Awards | Posting Activities | Short Study | Co- Curricular |
| 8. | Conservative Dentistry And Endodontics | 19 | 11 | | 04 | 60 | 35 | 09 | 09 | 08 | 04 | 08 | 04 | 3 | - | 5 | - |
| 9. | Oral And Maxillofacial Pathology | 2 | - | - | 2 | 15 | 5 | 4 | 5 | - | - | | - | - | - | - | - |

Achievements:

| | Deveduest | St | aff | Stuc | lents |
|---------|---|----------|----------------|----------|----------------|
| Sr. No. | Department | Academic | Non – Academic | Academic | Non – Academic |
| 1. | Oral And Maxillofacial Surgery | 01 | - | 1 | - |
| 2. | Oral Medicine And Radiology | 26 | 03 | 3 | - |
| 3. | Public Heath Dentistry | 02 | - | - | - |
| 4. | Orthodontics | 10 | 02 | 09 | 11 |
| 5. | Periodontology | 71 | 10 | 9 | 2 |
| 6. | Prosthodontics | 13 | 09 | 19 | 06 |
| 7. | Pediatric & Preventive Dentistry | 02 | 08 | 02 | - |
| 8. | 8. Conservative Dentistry And Endodontics | | 06 | 07 | - |
| 9. | Oral And Maxillofacial Pathology | 13 | 11 | - | 2 |

Top 5 Achievements'

Oral and Maxillofacial Surgery:

- 1 Dr. Vrinda Kolte was conferred PhD degree in OMFS by MUHS, Nashik
- 2 Cleared IBOMS by Dr. Ramakrishna Shenoi
- 3 Keynote lecture on "errors in OMFS" by Dr. Ramakrishna Shenoi at 47th annual conference of AOMSI 2023, Delhi.
- 4 Keynote lecture on "temporomandibular joint pain" by Dr. Ramakrishna Shenoi at 10th MSC AOMSI, Pune, 2024.
- 5 Dr. Nilima Agrawal Successfully completed Basic course in Biomedical research: passed in 1st class with distinction.

Oral Medicine and Radiology:

- 1 Chairperson for Task force to prepare blueprint of Oral Medicine and Radiology subject by Maharashtra University of Health Sciences, Nashik on 21st February 2024 – Dr. Mukta Motwani
- 2 As the Resource Person for CME programme titled "Holistic Management of Oral Precancer" at Ranjeet Deshmukh Dental College and Research Centre – Apeksha Dhole
- 3 Prize titled smart chair side TMJ examination and muscle activity detector tool Gen Z Idea Genesis 2024 by E-Cell, Nagpur Institute of Technology, Nagpur on 15th April 2024 – Dr. Tapasya Karemore
- 4 Paper presentation as a Faculty at a four-day international conference, the International Oral Cancer Congress 2024/IOCCON 2024 by the National Health Academy, India and the University of Peradeniya, Sri Lanka between February 1-4, 2024 on the occasion of World Cancer Day – Dr. Smriti Golhar
- 5 Best selling book entitled Management guide in oral medicine (A concise review) ISBN: 978-81-951750-1-7 in the year 2023 – Dr. Rucha Pandharipande

Public Heath Dentistry:

1 A mega dental and general health camp was conducted on 8/3/23 at primary health center Nand

Orthodontics:

- 1 Best Departmental Décor for "National Orthodontic Week Celebration" 2023, to create Orthodontic Awareness amongst General Public by IOS
- Department of Orthodontics conduced CME on Demystifying TMD's by Dr. Sunita Shrivastasv (04.04.2024). Department of Orthodontics conduced CDE on ORTHOPRO – Evidence Based Treatment Planning by Dr.Gauri Vichare (30.01.2024)
- 3 Dr. Usha Shenoy Nominated as member on Ad-hoc Board in Faculty of Medicine, Dentistry and Allied Health Sciences for Fellowship Courses, Certified Courses and University Courses.
- 4 Dr. Manali Jaiswal 2 nd Prize at 16th Aavishkar: Maharashtra State Inter-university Research Convention by MUHS, at Nashik 2023-2024. Dr. Chetan Palaskar - 2 nd Prize at 16th Aavishkar: Maharashtra State Inter-university Research Convention by MUHS, at Nashik 2023-2024
- 5 Dr. Sanika Thakur Successfully cleared IBO Phase II Examination (28.01.2024). Dr. Mahima Sehgal - Successfully cleared IBO Phase II Examination (28.01.2024).

Periodontology:

- 1 Dr. Abhay Kolte achieved best patent award at Patent & Idea Fest held on 14 ^ 6 August 2023 at Suresh Bhat Auditorium, Nagpur.
- 2 Recipient of 2 Grants awarded by ICMR STS, 10 published patents and 31 registered copyrights.
- 3 More than 20 Publications in National and International Indexed Journals.
- 4 Dr. Abhay Kolte was a keynote speaker at First Dr. BRR Varma Oration Lecture on the topic "Implantology An integrated speciality" at 16 ^ (th) SPIK Annual Conference on 10th and 11th February 2024.
- 5 Resource persons for Basic Research Methodology Workshop conducted by Maharashtra University of Health Sciences, Nashik - Dr.Abhay Kolte, Dr. Rajashri Kolte, Dr. Surekha Rathod and Dr. Pranjali Bawankar

Prosthodontics:

- 1 ICMR Grants Dr Joshi, Dr Anuj, Dr Richa
- 2 Resource faulty-Dr Neelam Pande

Guest speaker & delivered lecture titled "Early clinical exposure" at (DET) Dental Education Technology & Internal Quality Assurance Cell, at DET Workshop On Innovative Teaching Learning & Assessment, organized by GDCH Mumbai, M.S. On 30th & 31 January 2024

Mentor for GURUKOOL session titled "Manage Your Practice Successfully" during 26th IPS PG Convention, Chennai during 5th-7th April 2024.

Dr Saee Deshmukh - DET workshop at GDC, H, Mumbai on competency based education 30th Jan 2024

- 3 Publications-30, 7 copyrights and 1 patent
- 4 CDEs organized 1 State level Conference on Panoramic approach to full mouth rehabilitation on 21 April 2024

1 international webinar on Minimal invasive approach in achieving anterior esthetics (International Webinar) by Prof Dr. Seow Liang Lin on 19/01/2024

5 Best Department Award received on 26th Jan 2024 with the hands of Honourable Chairman, Ranjeet Deshmukh Dental College and Research Centre, Nagpur- Shri Ranjeet Deshmukh.

Pediatric & Preventive Dentistry:

- 1 First CDE conducted on Nitrous oxide sedation named 'Sedate the Dental Anxiety' in Central India on 13th March 2024.
- 2 Data of published article featured on cover page of Journal of Acupuncture and Meridian Studies 2023. 3.
- 3 Dr. Gagandeep Lamba elected as EC member, ISPPD in October 2023 4.
- 4 Dr. Devendra Nagpal received ICMR STS Grant on 25/01/2024. 5
- 5 Dr. Purva Chaudhari appointed in editorial board of Journal of advances dental practices and research and Editorial Advisory board of DMIMS Journal of Dental Research

Conservative Dentistry And Endodontics:

- 1 1st National Student exchange program 2023 conducted by Department of conservative Dentistry and Endodontics, RDDCRC, Nagpur
- 2 IACED appreciation awarded to the Department of Conservative Dentistry and Endodontics RDDCRC,Nagpur for successful conduction of Student Exchange Program 2023 at 38th IACED National Conference 2023,1st to 3rd Dec 2023,Kolkata.
- 3 Department of Conservative Dentistry and Endodontics hold 12 original research papers published in various National and International journals, 4 copyrights and 3 patents.
- 4 Dr.Chetana Makade was awarded with PhD by MUHS Nashik and is a Editor and author for Book "Futuristic trends in Medical Sciences" by IIP Publishers.
- 5 Online Webinar Series E-link fest 2022 season 4 from 1st-30th July 2023.

Oral And Maxillofacial Pathology:

- 1 Dr.Ashish Bodhade and Dr Alka Dive received Award prize for IDEA on mouth opening device on OSMF,Gen Z idea genesis 2k24 organized by e cell, NIT Nagpur 15/04/24
- 2 Dr.Rakshata sorte awarded with fellowship 2023 in palliative care by Institute of palliative medicine-WHO collaborating centre for community participation in Palliative Care India in association with SMMU Bangladesh.



Board of Research Studies Committee

| Designation | Name of Member | | | | | | |
|------------------|-------------------------|--|--|--|--|--|--|
| Chairperson | Dr. Abhay Kolte | Dean and HOD, Department of Periodontics & Implantology | | | | | |
| Co-Chairperson | Dr. Mukta Motwani | Vice Dean and HOD, Department of Oral Medicine, Diagnosis and Radiology | | | | | |
| Member Secretary | Dr. Vrushali Lathiya | Reader, Department of Periodontics & Implantology | | | | | |
| Member | Dr. Saee Deshpande | Reader, Department of Prosthodontics & Implantology | | | | | |
| Member | Dr. Neha Deshpande | Senior Lecturer, Department of Periodontics & Implantology. | | | | | |
| Member | Dr. Pranjali Bawankar | Senior Lecturer, Department of Periodontics & Implantology | | | | | |
| Member | Dr. Vrinda Kolte | Professor, Department of Oral Surgery | | | | | |
| Member | Dr. Gagandeep Lamba | Reader, Department of Pedodontics | | | | | |
| Member | Dr. Chetna Makade | Reader, Department of Conservative Dentistry and Endodontics | | | | | |
| Member | Dr. Sudhir Rawlani | Senior Lecturer, Department of Public Health Dentistry | | | | | |
| Member | Dr. Ashish Bodhade | Reader, Department of Oral Pathology | | | | | |
| Member | Dr. Nivedita Nandeshwar | Senior Lecturer, Department of Orthodontics | | | | | |

The institution believes in a philosophy that research is not an imperative but a need; it also understands its role in catering to the appropriate environment for conduction of qualitative research. Various factors may restrain an individual from getting involved in the research. One of the major factors for lack of indulgence in research can be the financial expenses that the researcher needs to bear for the conduction of research. The address of this financial factor by the institute can encourage individuals towards engagement in research activities.

To encourage and advocate scientific thinking in graduate, postgraduate students including teaching staff members of the institution through financial support, arousing the interest and impelling the research activities in the institute. Five years ago i.e. in 2016 the college management and administration perused on the need for research in the institute and the means and modalities were decided in the form of Research Policy which was prepared and implemented from January 2017. The policy included various research incentives for publication of research articles (In PubMed/Scopus/ WoS/ UGC-CARE indexed/Non indexed journals), providing paid leave to attend conferences (National as well as International), reimbursement of conference registration fees and travel expenses and research grants to conduct research work within the institute. Initially, a sum of Rupees Seven lakhs was allocated as a budget for research activities. With the desired motivation which was provided by this research policy, there was an increase in the research activities conducted by the faculty members, Postgraduate students, and undergraduate students. Considering the enthusiasm amongst the faculty

members the management of the institute was generous enough to increase the grants to rupees Ten lakhs in the subsequent year.

The proposals of research activities are submitted to the Research Committee/ Board of Research Studies of the institute which scrutinizes all the applications and their validity as per the guidelines of the research policy. The committee of experts analyses the research protocols for the validity and practicality of the project. Appropriate funds are allocated to the qualifying research projects. The amount which is sanctioned is transferred to the bank account of the principal investigator. Funds are transferred in parts. After every 6-month principal investigator is asked to submit a progress report to the committee, which also includes the details of expenses according to the various heads. After its analysis remaining amount is released. This ensures the check on the utilization of funds and proper conduction of research.

The outcome of the research policy of Ranjeet Deshmukh Dental College and Research Centre, Nagpur.

| Year | | | Approved Applications For Conference Registration And Related Expenses | Total Amount of grants disbursed (in Rupees) | | |
|------|-------------------------------|------------------------------|--|--|--|--|
| 2022 | 45 Total Rs. 2,08,000/- | 5 Total Rs. 3,33,000/- | National – 52 International – 1 Total – Rs. 7,67,631/- | Rs. 12,03,332/- | | |

The success of the Research policy is shown by the number of applications every year.

BORS reviewed research project synopsis of staff and students at RD DCRC. Research protocols reviewed (2022 to 2023) were:

| Name of the department | Total no of research projects | Staff | Interns | PG students | UG students |
|--|-------------------------------------|-------|---------|----------------|----------------|
| Periodontics | 24 | 10 | 4 | 8 | 2 |
| Oral and Maxillofacial pathology | 5 | 1 | 4 | - | - |
| Conservative Dentistry and Endodontics | 18 | - | 5 | 11 | 2 |
| Oral Medicine and Radiology | 8 | 1 | 1 | 6 | - |
| Prosthodontics | 48 | 2 | 24 | 12 | 10 |
| Orthodontics and Dentofacial orthopaedics | 12 | - | 4 | 6 | 2 |
| Pediatric and Preventive dentistry | 4 | - | - | 3 | 1 |
| Public Health dentistry | - | - | - | - | - |
| Oral and Maxillofacial Surgery | 10 | - | 6 | 4 | - |
| Total | | | 135 | | |

Internal Quality Assurance Cell (IQAC) Commitee

| Sr. No. | Name Of Member | Designation | Department | Committee Designation |
|------------|-----------------------|---------------------|---|--------------------------|
| 1. | Dr. Abhay Kolte | Dean & Chairperson | Periodontics | Chairperson |
| 2. | Dr. Mukta Motwani | Professor And HOD | Oral Medicine & Radiology | Coordinator, IQAC |
| 3. | Dr. Usha Shenoy | Professor And HOD | Orthodontics | Coordinator, IQAC |
| 4. | Dr. Venugopal Reddy | Professor And HOD | Public Health Dentistry | Member |
| 5. | Dr. Rajlaxmi Banerjee | Reader | Prosthodontics | Member |
| 6. | Dr. Mohit K. Gunwal | Reader | Conservative Dentistry And Endodontics | Member |
| 7. | Dr. Gagandeep Lamba | Reader | Pedodontics | Member |
| 8. | Dr. Ananya Hazare | Reader | Orthodontics | Member |
| 9. | Dr. Pranav Ingole | Reader | Oral Surgery | Member |
| 10. | Dr. Rakshata Sortey | Senior Lecturer | Oral Pathology | Member |
| 11. | Dr. Prachi Rathi | Senior Lecturer | Periodontics | Member |
| 12. | Mr. Chetan Deshmukh | A.O. | Administrative Block | Member |
| 13. | Dr. Sudhir Deshmukh | Treasurer | VSPM, AHE | Member |
| 14. | Dr. Vivek Thombre | A.P.G.D.C.H ,Nagpur | GDC,Nagpur | Member, Alumni |
| 15. | Mr. Eknath choudhary | C.E.O | VSPM AHE | Member, Management |
| 16. | Mrs. Kadambari Sehgal | Librarian | Library, RD DCRC | Member |
| 17. | Ms. Dhruvi Sejpal | Student | RDDC, Nagpur | Student representative |

The Annual Report of the Internal Quality Assurance Cell (IQAC) highlights the initiatives and achievements undertaken during the academic year. To discuss the areas that needed improvement according to NAAC, the IQAC committee conducted periodic meetings with other members and NAAC criteria heads. Efforts taken by IQAC committee reflects the institution's commitment towards improving the quality of education and institutional processes.

The IQAC committee continued with the lecture series on implementation of ISO 21001 – Educational management system Part –III by Dr. Ramesh Lakhe as faculty development program. The different provisions and the supporting documents required for ISO were explained by Dr. Lakhe. To enhance the skills of non-teaching staff of the institution NBEMS CPR awareness was conducted on 6th December 2023. IQAC also focused on the promotion of research & innovation and conducted meeting with Dr. Abhijit Raut (Adjunct Faculty-Research) with all the stakeholders.

The committee is promptly working towards enhancement of teaching-learning methodologies, infrastructure, and overall institutional performance, aligning with the goals of academic excellence and continuous quality improvement with holistic development of the staff and students.



College Council

The College council met once every month to ensure Smooth working of the college. Members of college council committee along with the Dean frame policies for effective functioning and ensuring improvement in the activities of the college. Important issues pertaining to Undergraduate education, Postgraduate education, and Phd training were discussed. It was proposed to consider increase of pg seats in the department of Orthodontics & Oral & maxillofacial surgery.

Exam schedules both Internal Exams and University exams, student performance and results as well as attendance were discussed along with measures to improve the same. In addition feedback from students regarding teaching/learning was also discussed. Students issues coming up in the mentorship program are discussed.

Scientific activities such as publications, presentations and grants procured along with other achievements by faculty and students were lauded in these meetings and more such activities were encouraged.

Measures to increase the number of patients by conducting various dental diagnostic camps and Community awareness programs are discussed.

The monthly revenue and expenditure, civil, electrical and store issues are discussed and resolved.

Administrative issues of departments and college were also discussed. Grievances if any such as regarding salaries, appointments and promotions were discussed and forwarded to the management for appropriate measures. Activities of other committees were reviewed in the college council. Accredition to various national bodies such as NAAC, ISO, NIRF was discussed.

| Chairperson | Dr. Shubhangi Khandekar, Professor, Oral Pathology |
|------------------|--|
| Member Secretory | Dr. Nilima Budharaja, Sr. Lecturer, Oral Surgery |
| (MUHS I/C) | Dr. Neena Dongre, Lecturer, Oral Pathology |
| Sport | Dr. Anuj Chandak , Sr. Lecturer , Prosthodontics |
| (Hobby/ Lobby) | Dr. Nilima Budharaja, Sr. Lecturer ,Oral Surgery |
| Student Member | Mr. Shravast Jaware / All C. R. |
| Frequency | Quarterly |

Student Council 2023-2024

Student Council of Ranjeet Deshmukh Dental College and Research Centre, Nagpur has organized various programs in academic year 2023-2024.

Ezyspit Reusable Glasses Donation and Awareness Campaign by HEEDS:

The Student Council collaborated with the Heeds Foundation on 17/06/2024 to promote hygiene and health awareness amongst patients. This initiative was focused on the distribution of Ezypsit reusable glasses to reduce unhygienic spitting in public areas

and to educate students about maintaining cleanliness.

World Blood Donors Day:

From June 11th to June 14th, 2024, a series of events such as Blood Grouping camp, Poster and Slogan Competition, Motivational Skit by Dental Student and Blood donation camp was successfully organized at Harmony Hall, NKP Salve Institute of Medical Sciences to address the critical need for blood in medical emergencies and routine treatments.

American Oncology Institute (AOI) – ROSHANI:

As a part of a Faculty Welfare measure by the Ranjeet Deshmukh Dental College and Research Centre, Nagpur and Corporate Social Responsibility by the American Oncology Institute (AOI) and Nangia Hospital, Nagpur a screening camp was organised on Saturday 15th June 2024. The screening sessions were directed towards Early Detection of Cancers in women.

Shivrajyabhishek:

On 6 June, the Student Council of Ranjeet Deshmukh Dental College and Research Centre, Nagpur, hosted a Shivrajyabhishek ceremony to honor Chhatrapati Shivaji Maharaj's coronation. The event held in the college library, featured speeches by firstyear students and an address by the Dean of the Institution.

MUHS Foundation Day:

On the occasion of MUHS Foundation Day 2024 a programme was conducted in RDDC& RC on 10th June 2024. Dean Dr. Abhay Kolte, Vice-Dean Dr. S. R. Shenoi, Vice-Dean (Clinical) Dr Mukta Motwnai, Chairperson, Dr. Shubhangi Khandekar along with all the HOD'S of various department attended the program. The event commemorated the establishment of the Maharashtra University of Health Sciences (MUHS) and was marked by various activities and speeches.

World Environment Day:

On 5th June 2024, the institution celebrated World Environment Day with an impactful tree plantation drive held at the Sahyadri Hostel. The event commenced at 10:30 AM and was organized to promote environmental awareness and sustainability among the student body and faculty.

World No Tobacco Day Rally:

On May 31st, in observance of World No Tobacco Day, the Student Council of Ranjeet Deshmukh Dental College and Research Centre in Nagpur organized a rally within the campus to raise awareness about the dangers of tobacco use and to promote a healthier, tobacco-free lifestyle.

Installation ceremony of Student's Council:

Installation ceremony of student council for the academic year 2024-2025 was organized on 9thth May 2024. Chief guest Dr. Nitin Kurkure, Dean Dr. Abhay Kolte, Vice dean Dr. S. R. Shenoi, Vice- Dean (Clinical) Dr. Mukta Motwnai, Chairperson Dr. Shubhangi Khandekar, all HOD's and All Student Council teacher Incharges graced the occasion by their presence.



Dr. Babasaheb Ambedkar Jayanti:

Dr. Babasaheb Ambedkar Jayanti celebration was held on 15th April 2024, commemorating the birth anniversaries of the great leader who shaped India's destiny. The program celebrated his principles and contributions to the nation.

Bhagwan Mahavir Jayanti:

On 22nd April the event commenced with a warm welcome and a brief introduction by the Master of Ceremony, who outlined the significance of the occasion.

Dr. Abhay Kolte, the esteemed Dean of Ranjeet Deshmukh Dental College, addressed the gathering on the occasion of Bhagwan Mahavir Jayanti

TARANA-Music competition:

Music competition was held on 11th March 2024. The event ended up with felicitation of winners. The Competition was held under the guidance of Dr. Samidha Pande , Music in charge RDDC&RC Student Council. The program was well appreciated by the Dean Dr. Abhay Kolte.

GLAMORE-The Fashion Show:

GLAMORE-the fashion show was held on 6th March. Dignitaries present were Shri Ranjeet Deshmukh (Chairman VSPMAHE) along with Dean Dr. Abhay Kolte, Vice Dean Dr. S R Shenoi and Dr. Mukta Motwani (Vice Dean-Clinical). The Incharge for fashion show event was Dr. Gagandeep Lamba .The event was excellently managed under the guidance of Dr. Shubhangi Khandekar, Chairperson, Student Council Committee and Dr, Nilima Agrawal, Member Secretary, Student Council Committee.

Interdepartmental Antakshari Competition:

Interdepartmental Antakshari Competition was held on 5th March 2024. The event was very well organized by Dr. Tapasya and Apurva. All teaching staff members enjoyed the event thoroughly.

Carnival-Enchantiva:

The must awaited event Carnival and Art Exhibition was held on 2nd March at college premises, keeping afloat the spirit of Young enthusiastic students of the campus. Dr. Anoop Garg inaugurated the event and appreciated the effort put forward by the Hobby Lobby, teacher Incharge Dr. Nilima Agrawal and Student In-Charge Ms. Gargi for the grand success of the event. Dr. Devendra Nagpal , Dr. Purva Choudhary and Dr. Shriya Sahoo were the judges of the various categories conducted during the event.

Sports Event:

Sport event was conducted from 24th Feb 2024 to 3rd March 2024. Students of RDDC&RC, Nagpur participated in this event. This sports event was inaugurated by Dean Dr. Abhay Kolte, Vice Dean Dr. S. R. Shenoi and Dr. Mukta Motwani (Vice Dean-Clinical). This event was planned and executed under the guidance of ports Incharges, Dr. Anuj Chandak and Dr. Pritam Khorgade. Various Outdoor and Indoor Sports competition were conducted during the period for the students and the staff.

Gandhi Jayanti and Lal Bahadur Shastri Jayanti:

The Gandhi Jayanti and Lal Bahadur Shastri Jayanti event was held on 3rd October 2023, commemorating the birth anniversaries of two great leaders who shaped India's

destiny. The program celebrated their principles and contributions to the nation. The event commenced with a warm welcome and a brief introduction by the Master of Ceremony, who outlined the significance of the occasion. Dr. Usha Radke, the esteemed Dean of Ranjeet Deshmukh Dental College, addressed the gathering, emphasizing the relevance of Gandhian philosophy and Shastriji's leadership in today's world.

Swachhtta Campaign:

A Swachhta Campaign was organized at RDDC&RC on 18th August 2023 featuring a rally to promote cleanliness awareness across the campus. The Dean, Dr. Usha Radke addressed the gathering, emphasizing the importance of cleanliness for health and wellbeing. The event encouraged everyone to take responsibility for maintaining a clean and positive campus environment.

| Sr. No. | Name of Staff | Designation | Member |
|---------|---------------------------|-------------------------------------|-----------------------------|
| 1 | Dr. Alka Dive | Professor & HOD, Oral pathology | Chairperson |
| 2 | Dr. Jaya Joshi | Associate Professor, Prosthodontics | Co-Chairperson |
| 3 | Dr. Samidha Pande | Sr. Lecturer, Prosthodontics | Member Secretary |
| 4 | Dr. Anita kahar | Lecturer, Prosthodontics | First year B.D.S in-charge |
| 5 | Dr. Vidya Mokhade | Lecturer, Endodontics | Second year B.D.S in-charge |
| 6 | Dr. Neena Dongre | Lecturer, Oral pathology | Third year B.D.S in-charge |
| 7 | Dr. Sangeeta Bhattacharya | Lecturer, Orthodontics | Final year B.D.S in-charge |

Under Graduate Cell

Students from all over India are admitted to RDDC & RC for the undergraduate courses through entrance exam. The college has 100 recognized undergraduate seats and is affiliated to the MUHS Nashik as per the DCI norms.

The undergraduate cell (UG cell) addresses the issues pertaining to the students attendance and marks. The examination committee and mentorship cell work in association with UG cell.

Undergraduate cell strives hard for the betterment of students' academic performances. Total 6 meetings were conducted over the period of last one year. All committee members were present for these meetings. Topics like performance of students, their quarterly attendance, extra classes for students with low attendance, time-table revision and examination schedule were discussed in these meetings

The parent teacher meetings were conducted on online platform and The marks and attendance of all the students were conveyed to the parents and mailed to them.

First year orientation program for the batch admitted in 2023 was conducted on 23/10/2023. Lectures on various topics such as 'rules regulations', 'BDS curriculum' and 'mentorship' were conducted. Felicitation of all the toppers of I,II, III, and IV BDS years was done. They were presented Certificates. White coat ceremony was conducted by the mentorship cell.

An orientation program for third year students was conducted on 14/03/2024. Various

lectures on topics like professional ethics, communication skills, infection control and management of biomedical waste were conducted.

Spoken English and Spoken Marathi language development program was conducted for 1st year and 3rd year students respectively in which students were taught about the importance of language in daily practice and learning styles as well as communication skills.

| Chairperson | Dr. Pratima Shenoi, Professor & HOD, Conservative Dentistry | |
|------------------|---|--|
| Co-Chairperson | Dr. Vrinda Kolte, Professor, Oral Surgery | |
| Member Secretary | Dr. Chetana Makade, Associate Professor, Conservative Dentistry | |
| Joint Secretary | Dr. Ojas Gajbhiye | |
| | Dr. Ashish Bodhade | |
| Member | Dr. Rajlaxmi Banerjee | |
| Member | Dr. Akshay Dhoble | |
| | Dr.Gautam Badole | |

PhD Cell

The committee holds 2 meetings annually with PhD guides. As per the guidelines laid down by PhD cell MUHS, Nashik a PhD degree was awarded to Dr. Chetana Makade (Conservative Dentistry and Endodontics), Dr. Varsha Manekar and Dr. Vrinda Kolte (Oral & Maxillofacial Surgery, Dr. Chetan Modgi (Proshodontics & Crown and bridge), Dr. Tapasya Karemore (Oral Diagnosis and Radiology) and Dr. Priya Joshi (Oral Pathology & Microbiology) in Convocation Ceremony at Nashik.

Pre PhD course work assessment for PhD Scholars (2021-22) was conducted in on 3rd-5th Oct 2024. Six monthly reports and Annual reports for all were compiled and submitted to MUHS, Nashik. A Total 19 PhD research scholars were admitted for the academic year 2022-23 in subject of Conservative Dentistry and Endodontics, Orthodontics, Oral medicine and radiology, Oral and Maxillofacial Surgery, Prosthodontics and Periodontics and their synopsis presentation was conducted on 26th and 28th March 2024 and submitted it to MUHS, Nashik. Dr. Pratima Shenoi conducted "PhD orientation" for PhD Scholars on 19th December 2023 for guidelines for PhD Scholar. A webinar for PhD Scholars was conducted by Dr. Vrinda Kolte, Dr. Chetana Makade and Dr. Varsha Manekar on 18th April 2024.All the participants were guided for Synopsis presentation to Pre PhD defense viva presentations.

Student's Grievance Redressal Committee

The Student's Grievance Redressal Committee constituted for the redressal of the problems reported by the students of the college. This committee provide guidelines to the students for filing a grievance, which applies to all the students who wish to file a grievance related to any academic and non-academic issues. The objectives of Students Grievance Redressal Committee are to develop a responsive and accountable attitude among all the stakeholders in order to maintain a harmonious educational atmosphere in the institute.

| Dean | Dr. Abhay Kolte | |
|---------------------|--|--|
| Chairperson | Dr. Devendra Nagpal (Professor, Pedodontics) | |
| Nodal Officer | Dr. Jayashree Joshi (Lecturer, Prosthodontics) | |
| Member Secretary | Dr. Jaishree Chahande (Lecturer, Prosthodontics) | |
| | Dr. Vandana Kokane (Reader, Conservative Dentistry) | |
| Member | Dr. Ananya Hazare (Reader, Orthodontics) | |
| | Dr. Kshitij Bang (Reader, O.M.F.S.) | |
| | Ms. Aditi Pinjarkar (President, Student Council) | |
| Student | Ms. Arham Khan Pathan (Vice-President, Student Council) | |
| Member | Mr. Shravast Jaware (General Secretary, Student Council) | |
| | Mr. Shreyash Khandelwal (Joint Secretary, Student Council) | |

Student Grievance Redressal Committee-2023-24:

The committee convenes periodic meetings (once in 2 months) or as and when needed.

In academic session, 2023-24 Student's Grievance Redressal Committee has conducted Six meetings:

- First meeting was conducted on 06/07/2023 to discuss about review of 2022-23 meetings. Follow up of previous grievance of NRI Boys hostel water supply, which was resolved soon after instructions to Civil Department. One complaint received from interns of Kanchanganga. Girls Hostel regarding mess breakfast timing issue, which was forwarded to Hostel committee and resolved in their meeting conducted on 6th July 2023.
- Second meeting was conducted on 12/09/2023 regarding follow up of Kanchanganga Girls Hostel mess timing issue which was resolved in July 2023 but now old mess contractor took the charge and students faced the hygiene and manpower related problems again. This issue was forwarded to Hostel mess committee and warning was given to mess in-charge. Sensitization of 1st BDS students regarding the student grievance redressal committee and its functioning planned in October-November 2023 after orientation program.
- Third meeting was conducted on 13/12/2023 for Sensitization of 1st BDS students regarding the student grievance redressal committee and its working. Sensitization

was conducted during First BDS Dental Material Lecture on 18th December 2023.

- Fourth meeting was conducted on 07/02/2024 to add new student representatives in College Council meeting to put up students issues. Dr. Jaishree Chahande received the names of new student's representatives from Student Council and sent the information to Dean Office on 18th April 2024.
- Fifth meeting was conducted on 22/04/2024 regarding issues faced by the students in Lecture halls and common room. The proposal regarding seating arrangement/ renovation and soundproofing of lecture halls 2 and 3 sent to Management and was approved on 24th April 2024. A.O. and Supervisors informed to maintain cleanliness of all washrooms.
- Sixth meeting was conducted on 13/06/2024 for follow-up of issues raised by students in last meeting. This issue discussed in College Council Meeting held on 18th June 2024 with Store and Purchase departments. Dean informed students that proposal of Lecture halls renovation was sanctioned by management in April 2024.

Intern's Monitoring Committee

The Intern's Monitoring Committee works at an advanced level to uphold the progressive work of interns, as per the MUHS/DCI rules and regulations under the guidance of Dr. Surekha Rathod(chairperson).

VIHASA:

The program started with motivational words by the Dean, Dr. Usha Radke and Dr. Ramakrishna Shenoi. Different sessions on important topics were held during the program in the course from 8th-10th August 2023. The workshop was conducted by Dr. Nirmal Channe and Miss. Pooja Sharma.

Interns Orientation Program:

Interns Orientation Program was organized by the Interns Monitoring Committee on 2nd November 2023 for the batch of 2018. Chief Guest, Hon'ble Dr. Prashant Jagtap, Interventional Cardiologist, Founder & Director, Viveka Hospital, Nagpur shared his personal clinical experiences and motivated interns for bright future ahead. He shared few tips about "Medical emergencies in Dental Office". Guest Speaker, Dr. Capt. Ritu Biyani, Founder Director, Highways... Infinite, Pune conducted Workshop on "Awareness about Breast Cancer amongst Young Generation".

Graduation Day:

Graduation Ceremony was conducted on 12th October 2023 for UG 2018 batch. The Chief Guest Dr. Sandesh Mayekar and Guest of Hon'ble Shri. Ranjeet Deshmukh (Chairman, VSPM AHE) acknowledged the achievements of the interns and motivated the students for better future ahead.

Anti Ragging Committee

- The Antiragging committee headed by the Dean of the institution Dr.Abhay Kolte.
- The Antiragging Committee convenes three times during the academic year 2023–2024 to discuss about the following topics.
- 1 Revision of the committee which was held on 27th February 2024. It was decided to include the new student's representatives & parent's representatives.
- 2 Secondly to discuss about the time and date of the DCI member's Anti ragging lecture for the freshly joined first year BDS students. The lecture on sensitization was held on February 16, 2024, at 11:00 a.m. The programme was presided over by the Dean, Dr. Abhay Kolte, Vice-Dean- Dr. S. R. Shenoi (Admin), Vice-Dean- Dr. Mukta Motwani (Clinical) Member Secretary- Dr. K. Venughopal Reddy.

Dr. Arun Suresh Dodamani, Principal and DCI member from ACPM Dental College, Dhule, Maharashtra gave a lecture to first and second-year BDS students. He sensitized the students about the legal aspects of ragging and the various steps that should be taken to stop it.

- 3) In accordance with the correspondence from MUHS, DCI, and UGC, it convened in August to discuss about Antiragging Day & Week. To raise awareness about ragging, a number of events were planned. As directed by MUHS, the First and Second BDS students were involved in Antiragging Day & Week from August 12–18, 2023 with an easy writing, slogan, and logo competition were organized. On August 18, 2024, the winning students were felicitated with the prizes.
- There were no cases of ragging being reported by the institution for the academic Session 2023-2024.

The anti-ragging committee convened twice during the 2023–24 academic year to talk over issues pertaining to the DCI member's delivery of an anti-ragging lecture to newly enrolled first-year BDS students.

The lecture on sensitization was held on February 16, 2024, starting at 11:00 a.m. Dr. Arun Suresh Dodamani, the principal and DCI member of ACPM Dental College in Dhule, Maharashtra, gave a lecture to first- and second-year BDS students. He went into great detail about the legal aspects of ragging and the various steps that should be taken to stop it. Dean Dr. Abhay Kolte, Vice-Dean Dr. S. R. Shenoi (Admin), Vice-Dean Dr. Mukta Motwani (Clinical), and Member Secretary Dr. K. Venughopal Reddy oversaw the program.



Girls Hostel Committee

To provide best hostel facilities and to address the grievances of girls hostel students, separate girls hostel committee was formed is 2014 under the chairmanship of Dean Dr. Usha Radke

Dr. Abhay Kolte, Dean RDDC&RC is chairman, Principle of physiotherapy and nursing college are co-chairman of the committee. Dr. Vandana Kokane member secretory, Dr Priti Jaiswal, Dr. Neena Dongre, Dr Varsha Uttarwar along with medical, physiotherapy and nursing teachers and wardens are members of girls hostel committee.

There are separate hostels for UG and PG students with a capacity of more than 1200 accommodations. Vindyachal hostel is for all streams of PG students. Kanchanganga, Narmada, Vainganga and Hindasagar hostels are for all streams of UG students. New wing of Kanchanganga started functioning.

All different streams teachers are taking weekly rounds of hostels and mess and submitting their reports. This is also helping in curbing the ragging activities. Mess food taste and hygiene is monitored by these teachers.

There were three different messes

- 1) Compass for boys and PG students
- 2) Raghuveer for nursing and Kanchanganga
- 3) Vihan for Narmada, Vainganga and Hindasagar hostels.
- 4) Because of frequent complaints from students, now all U G and P G girl students are allotted to Compass mess. Only nursing students are allotted to Vihan mess. So now there are only two mess in campus

Mess menu is prepared in consultation with student representatives and staff. Highest quality of food and strict hygiene standards are maintained.

All hostels are equipped with water geysers, RO drinking water, water cooler, gas cylinder, visitors room and reading room. Gym, Centralized library, Canteen and Laundry facilities are also available

Total three meetings were held in this year. Civil department is currently working on seepage issue in all hostels. And beautification of hostel area is going on.



Alumni Association Committee

| Sr. No. | Post Held | Name |
|------------|---------------------------|---------------------|
| 1 | President (till 30-11-23) | Dr. Usha Radke |
| | President (from 1-12-23) | Dr. Abhay Kolte |
| 2 | Vice – president | Dr. Smriti Jagdhari |
| 3 | Vice – president | Dr. Prasad Nichat |
| 4 | Secretary | Dr. Gagandeep Lamba |
| 5 | Jt. Secretary | Dr. Mohit Gunwal |
| 6 | Treasurer | Dr. Anuj Chandak |

A total of 3 meetings were conducted in the year 2023-24 to discuss the various upcoming programs.

The first event was conducted, and Dr. Chaitanya Mahajan , an alumnus of the institute enlightened the interns about "HOW TO ENTER ARMED FORCES"

Another event was a green initiative, wherein bird feeders were installed in the college campus. The food is regularly put in these feeders for the surrounding birds.

Virtual lecture was conducted by Dr. Rasika Kolte on "Way to DDS". The speaker enlightened hundreds of students about the prospects of dentistry abroad.

Alumni of the institute organized and conducted a school check-up camp, where approximately 150 children were benefited, and oral health care tips were given for a better oral hygiene.

Alumni of the institute have donated cash and books. This amount can be used for various community awareness programs.



Curriculum and Time table Committee

The Examination and Time table Committee has been formed for the regulation and smooth conduction of Internal Assessment Examination, MUHS Practical Examination, formation of time table for theory classes and clinical posting of undergraduate courses.

| Designation | Name | |
|------------------|-------------------------|--|
| Chair Person | Dr. Rajashri Kolte | |
| Co. Chair Person | Dr. Apeksha Balpande | |
| | Dr. Sushil Naik | |
| Mombor constant | Dr.Purva Chaudhari | |
| Member secretary | Dr. Akhil Rathi | |
| | Dr. Varsha Uttarwar | |
| | Dr. Aishwariya Akkotkar | |
| | Dr. Anita Kahar | |
| Member | Dr. Ashish Bodhade | |
| | Dr Nivedita Nandeshwar | |
| | Dr Rahul Dahake | |
| Student member | | |

Following staff members are the members of this committee

The committee meets biannually at the beginning of the terms that is in May-June and Dec-Jan. to prepare the schedule of theory classes and practical/clinical postings for the student. Meetings are also conducted as and when required. The guidelines provided by MUHS Nasik and DCI need to be considered at the time of preparation of the time table.

In addition to the above, the committee also supervises the MUHS Nashik theory exams and practical exams with regards to appointment of Centre In charge, Centre Observer, Internal Vigilance Officer and Central Assessment Programme (CAP) for theory papers of university exam. The availability of university exams external examiners and if need arises appointment of substitute external examiner is co-ordinated with the internal examiner and MUHS, Nashik.

After the completion of internal assessment examination the complete information of marks obtained in theory and practical exams is submitted to the university. Also the verification of marks with theory and practical exam papers done by the centre observer at the time of university theory exam is co- ordinated with the respective departments.

The prominent decision taken in the previous year include

- 1 MUHS CAP centre for online paper checking was developed and successful working was accomplished.
- 2 College was centre for university exams of summer and winter batches of 2nd 3rd and final BDS students which was conducted successfully.

In summation, we the committee provide a yearly blueprint of the teaching and examination activities in our institute.



HSET Report

Ranjeet Deshmukh Dental College & Research Centre, Nagpur has organised various faculty development programs by faculty members of HSET Unit. The committee caters the students with sensitizing faculties for various innovative methods of teaching. The committee held meetings quarterly for planning activities to be conducted for faculty and students. The committee members are also watchful on the different innovative teaching methods are being used by all the departments. Dr. Abhay Kolte, Dean and Chairperson of HSET always encouraged and supported in organising the events and conducting innovations.

| Chairperson | Dr. Abhay Kolte, Dean, Professor and HOD, Periodontics | |
|--------------|---|--|
| Co-ordinator | Dr. Usha Shenoy, Professor and HOD, Orthodontics | |
| | Dr. S. R. Shenoi, Professor and HOD, Oral Surgery | |
| | Dr. Alka Dive, Professor and HODD, Oral Pathology | |
| | Dr. Pratima Shenoi, Professor and HOD, Endodontics | |
| | Dr. Mukta Motwani, Professor and HOD, OMR | |
| | Dr. Neelam Pande, Professor and HOD, Prosthodontics | |
| | Dr. Venugopal Reddy, Professor and HOD, PHD | |
| | Dr. Devendra Nagpal, Professor and HOD, Pedodontics | |
| | Dr. Apeksha Dhole (Balpande), Professor, OMR | |
| Members | Dr. Chetana Makade, Asso. Professor, Conservative Dentistry | |
| Members | Dr. Tapasya Karemore, Reader, OMR | |
| | Dr. Kshitij Bang, Reader, OMFS | |
| | Dr. Ananya Hazare, Reader, Orthodontics | |
| | Dr. Dhawal Mody, Reader, Periodontics | |
| | Dr. Rohit Moharil, Sr. Lecturer, Oral Pathology | |
| | Dr. Prabhat Singh Yadav, Sr. Lecturer, Pedodontics | |
| | Dr. Jayshree Joshi, Lecturer, Prosthodontic | |
| | Dr. Varsha Uttarwar, Lecturer, Conservative Dentistry | |
| | Dr. Swapnil Patil, Lecturer, PHD | |

Following are faculty members as a part of HSET unit

Frequency Quarterly

A lecture on 22nd December 2023 on the topic – '*Reflective Learning: What, How, Who and When?*' by Dr. Varsha Sunil Manekar, Associate Professor, OMFS of Government Dental college & Hospital, Nagpur for faculty and post graduate students of Ranjeet Deshmukh Dental College and Research Centre, Nagpur. After opening remarks of Dr. Usha Shenoy, co-ordinator, HSET Unit programme began. Dr. Varsha has discussed need

of Reflective Learning. She elaborated the techniques and also shared her experiences while performing this innovative method. 33 participants were present.

'Resident as a Teacher (RAT) Workshop' was carried out for Second Year Post Graduate Students on 9th and 10th January 2024. 21 students from all the speciality have participated actively in the workshop. All the HSET members conducted lectures and interactive programmes, microteaching sessions. Pre and post test result were satisfactory feedback was obtained for each lecture from the students.

A lecture on topic - '*Experiential learning*' by Dr. Gita Negi, Prof. and HOD, Dept of Transfusion medicine and blood bank, AIIMS, Rishikesh was arranged on 13th June 2024 as a part of faculty development program by HSET unit. The guest speaker for this event was The speaker introduced the topic by explaining the type of learners in health profession, role of teachers for these kinds of learners and need of experiential learning in this new era. She further discussed about steps of experiential learning, importance of reflection by students with various examples. The innovative methods that can be considered under umbrella of experiential learning were also shared by her. Speaker concluded the lecture with benefits and risks of experiential learning as well as need of such T-L method in the institutions. 45 participants, teaching faculty and postgraduates, attended this online lecture via google meet.

A lecture on topic – '*Effective use of MOODLE for teaching & assessment*' by Mr. Himanshu Subramanium (whiz softwares) on 19th June 2024. Dr. Usha Shenoy, Co-ordinator HSET unit, felicitated the speaker and reiterated the commitment of the institute to deploy latest technology in dental education in current scenario. All teaching staff were participated in the workshop.

VibrantInterdepartmentalScientificActivity(VISA)Committee

| Position | Name |
|-------------|------------------|
| Convener | Dr. Vrinda Kolte |
| | Dr.Himija Karia |
| Core Member | Dr.Rohit Moharil |

VISA committee conducts this activity second Wednesdays of every month.

All departments participates by rotation in this activity and present cases which needs interdepartmental management approach.

Bulletin of this interdepartmental scientific activity is published on republic day every year. All VISA activities are enthusiastically attended by staff members and all the PG students.

Our students participated in the inter-institutional scientific activity "Interlink" and won prizes.



Library Committee

| Post | Name | |
|------------------|--|--|
| Chairperson | Dr. Abhay Kolte, Dean, Professor & HOD, Periodontics | |
| Member Secretary | Dr.Gautum Badole, Asso. Professor, Cons.& Endo. | |
| Member | Dr. Ramakrishna Shenoy, Vice Dean & Professor, OMS. | |
| Member | Dr. Mukta Motwani, Professor & HOD, OMR. | |
| Member | Dr. Usha Shenoy, Professor & HOD, Orthodontics | |
| Member | Dr. Shubhangi Khandekar, Professor, Oral Pathology. | |
| Member | Dr. Devendra Nagpal, Professor & HOD, Pedodontics. | |

Frequency of meetings: Quarterly

RDDC & RC Central Library is a technologically advanced, well-equipped library. Multiple computers with internet connection are available to the students, 20 in digital library for PG's & teachers & 7 in UG E-Library. A variety of e-books and e-journals are subscribed to for the purpose of improving knowledge and teaching learning by e learning. It has received excellent feedback from DCI inspectors who have visited this Institute for a number of inspections. The management of the library was also praised by the DCI President.

Following improvements were done in the year 2023:

- a. Number of New books purchased:39
- b. Number of Library Comm. meetings Conducted:4
- c. Number of Journals Subscribed: 25 Print (12 International, 13 National)
- d. Online Dental Journals Subscribed : 'EBSCO Dentistry & Oral Sciences Source' & 'DELNET'.
- e. E-Books: 32
- f. Journals Downloaded: 126 no. (saved and made available for Students and Staff through LAN in digital library.)
- g. Facility: Wi-Fi, Scanning, Printing, Photocopying and OPAC Facilities are available.
- h. Other Activities: Display Daily: Thoughts of the Day.
- i. Celebrate Saraswati Puja on Vasant Panchami.
- j. Celebrate 12th August as a National Librarian's Day.

WEB and LAN Committee

| Designation | Name |
|-----------------------------|----------------------------|
| Chairperson | Dr. Devendra Nagpal |
| Member Secretary | Dr. Himija Karia |
| | Dr. Jayshree Chahande |
| Departmental Representative | Dr. Prateek Burad |
| | Dr. Sandeep Khandaitkar |
| | Dr. Kamal Kishore Mankar |
| | Dr. Rakshata Sorte |
| | Dr. Sudheer Rawlani |
| | Dr. Apeksha Dhole Balpande |
| Member | Mr. Upendra Yadav |
| Website Vendor | Mr Himanshu |

The various tabs of the college website (www.vspmdcrc.edu.in) have been regularly updated this year to reflect the latest information. The name of the college was changed to "Ranjit Deshmukh Dental College & research centre" on the home page, but the old domain name was maintained & renewed. Server space & RAM was upgraded after discussion with the committee & the Dean. The website interface was redesigned to make it user friendly & attractive. All the committee members have worked meticulously to ensure seamless and hassle free work of the web & LAN committee, throughout the year.

Drop Box Committee

The Drop-Box committee met once in a month. There were 12 meeting conducted for the Academic year 2022-2023. The Drop boxes have kept at various locations of the institution will be opened on the last working day of each month to look into the issues raised by stakeholders. The chairperson of the Drop box committee chaired the meetings.

- 1) A few patients made suggestions about the longer waiting times for RCT treatment in the endodontic and conservative departments.
- 2) There was difficulties encounter by patients in giving the photocopies of the documents from institutional photocopier person.
- 3) It was also decided to install water coolers in every floor of the institution and to provide RO water on request from certain patients visiting the institution.
- 4) The recommendation made by Drop-Boxes at different points across the establishment concerning the improper conduct of person present in the OPD registration desk towards patients, students & staff.
- 5) There were complaints regarding poor maintenance of wash rooms within the

institution, this was brought to the notice of higher authorities and accordingly appropriate solutions were sorted out in consultation with Administrative officer of the institution.

Camp Committee

The department of public health dentistry has conducted 155 general camps and 15 school camps during the academic year 2023-2024 in various urban and rural areas to provide diagnostic and primary dental care.

School camps were conducted in various adopted schools where screening was carried out for dental diseases. Preventive treatments like pit and fissure sealant applications were done.

The department conducted regular visits to adopted schools and adopted villages to provide preventive treatments like scaling, extractions and restorations along with preventive dental education

Basic dental services at unit hospital SRPF, Hingna on every Saturday.

The department provided free primary dental care to patients visiting Nagpur Municipal Corporation (NMC) health centers at Subhash nagar & Khamla on every second and fourth Wednesday and Thursday respectively.

A visit to rural hospital Hingna on every Monday and Satellite centre at primary health centre Kanholibara and every 2nd and 4th Friday were made to provide the basic dental services and to make appropriate referrals.

Various dental camps were conducted between Aug 23 to Dec 24 as a part of rashtriya bal suraksha karyakram (RBSK) in Hingna taluka among various Government and semi Government schools in collaboration with RBSK team of hingna taluka.

A Mega Health Camp was conducted at Ghughus, Chandrapur, Maharashtra on 30th July 2023. The camp was successful & about 400 patients were benifited. The camp got 1st rank award of U Sumithra Ramanath Bhat Award / Best Outreach Programme at national level by IAPHD.



Committee for Differently Abled Person

Internal committee for differently abled persons have been formed as dated circular 12/12/2019 to protect the human right which is essential for all round development for an individuals personality.

Objectives were as follows-

- To facilitate admission of persons with disability by following Rules & Regulations and Policies of the States and Central Governments,
- To provide counselling to differently-abled individuals in the University for better learning support,
- To provide equal educational opportunities to disabled persons in the University,
- To provide infrastructural needs to enable them to easily access classrooms, laboratories, toilets, etc for barrier free learning environment,

To provide special facilities in the University campus for differently abled persons under the circular dated 12/12/2019, as per the directives of the MUHS, Nashik,. The meeting of the Internal committee for differently abled persons conducted once in two months or as and when required.

In 2023-24 committee members are as follows

Post Name

| Chairman | Dr. Kamalkishor Mankar, Reader, Periodontics | |
|-------------------|---|--|
| Member from Staff | Dr. Sangita Bhattachharya, lecturer, Orthodontics | |
| Parent Member | Dr. Umesh Hasnani, First year Parents | |
| Students Member | Harshal Gwalani | |

Frequency : yearly/as and when required

In 2023-2024 one meeting was conducted as follows

• The meeting was conducted on 27 /12/2023; follow up of the last meeting and regarding admission protocol.



NSS Committee

NSS committee of the institution headed by Dr Venugopal Reddy, HOD, PHD meets once in a every three months to discuss activity carried out in the present Quarters the activities planed in the next three month.

The committee usually meets in the month of January, April, June & September.

The NSS unit of Ranjeet Deshmukh Dental College & Research Centre, Nagpur has conducted following community welfare activities for the academic session 2023-2024.

A one week special camp activity was organized at the village AMGAON for NSS volunteers from 12-2-2024 to 18-2-2024. 50 volunteers along with NSS committee members took part in the special camp. Health awareness rally, Tobacco non addiction campaign and tree plantation were carried out as a part of the special camp.

On the occasion of Dhammachakra Pravartan Din, the NSS unit of Ranjeet Deshmukh Dental College and Research Centre, Nagpur organized dental check up and treatment camp in association with Govt. Dental College and Hospital Nagpur on 23rd,24th and 25th October 2023 at Deekshabhoomi, Nagpur. A total of 780 patients were screened and more than 190 patients were treated in our dedicated mobile dental unit for comprehensive dental treatments. Patients requiring further dental treatments were referred to Ranjeet Deshmukh Dental College and Research Centre, Nagpur.

Samvidhan day was celebrated on 26th November2023 along with the collaboration with 'Samvidhan Foundation', organized celebration of Constitutional day as per the directives of Government of India and Maharashtra University of Health Sciences. The objectives of event was to make students aware about the constitution of India.

A blood donation drive was organized in collaboration with Lata Mangeshkar hospital blood bank on World Blood Donors day on 24th May 2023. A blood donation and oral health checkup and treatment camp was conducted in the corporate office of Bapuna Group, Byramji town, Nagpur.

"Meri Mati Mera Desh- Panch Pran Pledge" campaign was conducted in adopted village Deoli. Tree plantation programme was carried out on 12th to 20th August 2023 in the premises of Gram-Panchayat campus of Deoli where 75 saplings were planted.

Organ Donation awareness Programme was conducted at Arogya Mandir, Nildoh and PHC Kanolibara on 5 th Februvary 2024. Dr Suryawashi and Dr Madavi deliverd the lecture on importance of organ donation to the students and ASHA workers.

As a part of the Yoga day celebrations, Yoga and Wellness Unit of NSS Committee, Ranjeet Deshmukh Dental College and Research Centre, Nagpur, in collaboration with NKP SIMS, VSPM,s College of Physiotherapy and VSPM,s college of Nursing has organized 10th International Yoga day 2024 from 10th to 21ST June 2024. Various events like Yogasan Competition, Poster Competition, Slogan Competition and Mass Yoga Session were conducted and prizes were distributed to the winners.



Patient Care Committee

| Chairperson | K. Venugopal Reddy, Professor & HOD | Dept. of Public Health Dentistry | | |
|---------------------|-------------------------------------|---|--|--|
| Member Secretary | Dr. Sudhir Rawlani , Sr. Lecturer | Dept. of Public Health Dentistry. | | |
| | Dr. Rajlakshmi Banerjee, Reader | Dept. of Prothodontics & Crown and Bridge | | |
| | Dr. Mohit Gunwal, Sr. Lecturer | Dept. of Conservative Dentistry | | |
| | Dr. Pranao Ingole, Sr.Lecturer | Dept. of Oral & Maxillofacial Surgery | | |
| | Dr. Kamalkishor Mankar, Reader | Dept. of Periodontics | | |
| Members | Dr. Tapasya Karemore | Dept. of Oral Medicine & Radiology | | |
| | Dr. Sangita Bhattacharya, Lecturer | Dept. of Orthodontics | | |
| | Dr. Neena Dongre, Lecturer | Dept. of Oral Pathology | | |
| | Dr. Gagandeep Lamba, Reader | Dept. of Pedodontics | | |
| | Ms. Anjana Madavi, Social Worker | Dept. of Public Health Dentistry | | |

Patient care committee conducted once in two months for the year 23-24 from July 2023 to June 2024. Total of 3250 feedback forms were collected from patients from JULY 2023 to JUNE 2024. The feedback form modified in line with ISO recommendations.

All feedback forms were discussed in front of the patient care committee and the probable measures were proposed by the committee members and applicable solutions were derived.

Some most common problems discussed were:

- New staff appointment for registration counter
- Up gradation in Fast Track Treatment
- Delay in patients appointments
- Maintenance of wash rooms
- Installation of online payment for paying the service charges
- Interruption in online payment platform interruption in wifi
- Tendering of change after payment of service charges
- Behavior of staff members at OPD

The following suggestions were made by the committee:

- Implementation of Online Payment(UPI) was successfully started successfully from August 2023
- The committee directed the employees at the registration counter to be polite and be patient with the patients.
- It was decided that note sheet to be put up by the Registration counter through Dean to get the ample amount of change in initial period from account department of the institution which will be returned back at the time of closing of transaction at the end

of day.

- Requirement of staff at registration counter has been forwarded to the management and a new staff was appointed
- The AO was advised to get maintained the washrooms in the institution and to get them cleaned on frequent intervals during the day.
- The IT head was directed to improve the wi-fi services in the institution.

Institutional Ethics Committee

The Institutional Ethics Committee (IEC) was formed in 2008. IEC is registered with Central Drugs Standard Control Organization, Director General of Health Services, Ministry of Health and Family Welfare, Government of India with registration number ECR/885/Inst/MH/2017 and National Ethics Committee Registry for Biomedical and Health Research (NECRBHR), Department of Health Research (DHR) with Registration number EC/NEW/INST/2020/687.

Members of IEC (As per ICMR Guidelines):

Ethics Committee Designation Name Associate Professor, Department of Conservative Chairperson Dr. Darshan Dakshindas Dentistry and Endodontics, GDCH, Nagpur. Professor and HOD, Department of Oral Pathology **Member Secretary** Dr. Alka Dive and Microbiology, RDDC & RC, Nagpur **Basic Medical** Professor And HOD, Department of Biochemistry, Dr. Madhur Gupta Scientist NKPSIMS, Nagpur Professor and HOD, Department of Public Health Clinician Dr. Venugopal Reddy Dentistry, RDDC & RC, Nagpur Assistant Prof., Department of Periodontics and **Clinician/Coordinator** Dr. Prachi Rathi Implantology, RDDC & RC, Nagpur Social Scientist/ Associate Professor, Department of PSM, NKP Dr. Meenal Kulkarni **Ethicist** SIMS, Nagpur Associate Professor, Department of Pharmacology, Dr. T. R. Shende Pharmacologist NKPSIMS, Nagpur. Legal Expert Adv. Khadatkar Legal Expert, VSPM AHE, Nagpur Assistant officer, Delhi Integrated Multi-modal Mr. Shrikant Sakharkar Lay person Transit System Ltd.

Patron: Dr. Abhay P Kolte, Dean, RDDC & RC, Nagpur

Research projects undertaken by the institution 2023-2024

No of research projects in the institution: 136

| Name of the department | Staff | PG students | Interns | UG students | Total |
|--|-------|----------------|---------|----------------|-------|
| Periodontics | 9 | 5 | 3 | - | 17 |
| Oral and maxillofacial pathology | 1 | - | 6 | 1 | 8 |
| Conservative dentistry and endodontics | 1 | 7 | 6 | - | 14 |



| Name of the department | Staff | PG students | Interns | UG students | Total |
|---|-------|----------------|---------|----------------|-------|
| Oral medicine and radiology | 2 | 3 | 7 | 1 | 13 |
| Prosthodontics | 11 | 15 | 22 | - | 48 |
| Orthodontics and dentofacial orthopaedics | 2 | 4 | 3 | 1 | 9 |
| Pediatric and preventive dentistry | 3 | 6 | - | 1 | 10 |
| Public health dentistry | 1 | - | 4 | 1 | 6 |
| Oral and maxillofacial surgery | 3 | 2 | 6 | _ | 11 |

The research protocol should be submitted in the prescribed format of the IEC in triplicate along with the suggested enclosures till the 7th of every month. IEC meetings are scheduled once monthly, including 2 meetings for approval of synopsis of final dissertation of first year PG students. Synopsis presentation of dissertation topics of PhD scholars also carried out before the submission to MUHS University, Nashik. Subject experts are invited to enrich and validate the research protocol whenever required. According to committee decision, all research projects in the institution are undertaken only after written approval from the IEC. It is mandatory that all research projects by staff, PhD scholars, PG, UG students and interns should be approved by the IEC.

The principal investigator of the research project has to give brief audio-visual presentation of the research project. Certificate of the approval of the research project is issued to the principal investigator. The ongoing research projects are reviewed at regular intervals. The principal investigator has to provide a justification if the research project is not completed in the time period mentioned in the synopsis. All research documents are preserved for a minimum of three years after completion of the study. A completed report of the research project has to be submitted to the IEC of all completed research projects in the departments.

Annual Sports Committee

The VSPM Student Council in association with the Sports club organised several events in the year 2023. Events were organised for students as well staff members. These events were planned and executed under the guidance of sports incharge Dr. Anuj Chandak.

The VSPM Student council in association with Sports club organised following events:

Name of event: Sports competition "RANBHUMI"

The National Dental Conference "SYNC-2023" commenced from 15th Feb to 17th Feb 2023. The one-day sports competition "RANBHUMI" was held on 15th February 2023. Students from different dental colleges all over India participated in this event. The sports event included indoor games like chess, table tennis, carrom and outdoor games like cricket and volleyball.

Name of event: sports event "DHADKAN"

DHADKAN the annual fest commenced from 25th March to 29th March 2023. The twoday sports event included carrom, chess, volleyball, table tennis and cricket which were held on 25th and 26th March 2023. Players and audience thoroughly enjoyed the event. The winners were felicitated on the last day in the valedictory function.

Name of event: Online Chess Tournament "Looking for Mates"

The VSPM Student Council in association with the Sports club organised an Online Chess Tournament "Looking for Mates" under the G-20 events for the students of VSPM DCRC. The tournament was conducted on the online platform of Chess.com. The tournament was conducted under 2 categories separately for men and women. The tournament was scheduled on 12th and 13th August 2023.

Name of event: Sports Fest

The sports club organised the Football competition on the occasion of sports day under G-20 on 26th and 27th August 2023. The 2-day event was conducted at playground NKPSIMS. The event was planned and executed under the guidance of sports incharge Dr. Anuj Chandak. The event was conducted for students only.

Name of event: National Sports Day

On the occasion of National Sports Day, the Sports Club organised sports event for students as well as staff members. The sports event was conducted on 29th August 2023 at playground NKPSIMS. All staff members and students participated with great enthusiasm.

The sports event included outdoor games like -

- 1 Volleyball (girl and boys separately)
- 2 Athletics
 - 1) 100 Mtr Race (Girls and Boys separately)
 - 2) 400 Mtr Relay Race (Girls and Boys separately)
 - 3) Tug of war (Girls and Boys separately)
 - 4) Shot put (Girls and Boys separately)

Name of event: AIIMS Sports Competition

The Students of VSPM DC and RC, Nagpur participated in AIIMS Sports tournament which was held from 18th October to 22nd October.

Students participated in outdoor sports – cricket, basketball, football. The outdoor sports were held on AIIMS sports ground. Both girls and boys team participated in AIIMS sports tournament. Girls team participated in basketball and cricket. Boys team participated in cricket and football.



Condemnation Committee

Details of Condemnation of Instruments / Equipment's carried out in July 2023 – June 2024

| | Name of Department | | No. Items (| Condemned | | Total |
|------------|--------------------|-----------------|-------------|---------------------|----|-------|
| Sr. No. | | | Dental | Non Dental | | |
| NO. | | Dental Chair | Equipment | Hand Instruments | | |
| 1 | Prosthodontic | - | 09 | - | - | |
| 2 | Conservative | - | 01 | 15 | - | |
| 3 | Oral Surgery | - | 22 | 15 | 02 | |
| 4 | Oral Pathology | - | - | - | - | |
| 5 | Orthodontic | - | 08 | - | 04 | |
| 6 | Pedodontic | - | 01 | - | - | |
| 7 | Periododontic | - | 14 | - | - | |
| 8 | ODMR | - | 04 | 70 | - | |
| 9 | PHD | 01 | 04 | 27 | 04 | |
| 10 | Library | - | - | - | - | |
| 11 | Store | - | - | - | - | |
| 12 | Office | - | - | - | - | - |
| | TOTAL | | | | | |

Mentorship Committee

Orientation program was held for first BDS undergraduate students in which they were oriented regarding curriculum, discipline, code of conduct, gender equity and mentorship program on 23/10/2023. After the White Coat ceremony, Dean Dr Usha Radke administered the oath to the fresher's. Dr Neelam Pande briefed the 1st year students and their parents regarding the functioning of the mentorship cell. Introduction of the first-year students with their respective mentors was carried out by Dr Varsha Uttarwar.

Activities carried out by Mentorship Committee in 2023 to 2024

| Sr. No. | Date | Name of the activity | Details of the activity |
|------------|------|-------------------------------|--|
| 1. | | Mentor-mentee interactions | Frequently as and when required online meetings were held and guidance to the mentees was given regarding their personal, academic problems and various other issues. |

| Sr. No. | Date | Details of the activity | |
|------------|-------------------------------|---|--|
| 2. | 25/8/23 11/6/24 | Final BDS- 2nd PTM -1st PTM | mentors had an online interaction with the parents and there was a discussion regarding the attendance & PCT marks of the students. |
| 3. | 22/8/23 15/12/23 | Third BDS- 2nd PTM -1st PTM | mentors had an online interaction with the parents and there was a discussion regarding the attendance & PCT marks of the students. |
| 4. | 10/10/23 14/12/23 | Second BDS- 2nd PTM -1st PTM | mentors had an online interaction with the parents and there was a discussion regarding the attendance & PCT marks of the students. |
| 5. | 18/8/23 23/2/24 13/6/24 | First BDS-2nd PTM -1st PTM -2nd PTM | mentors interacted with the parents and there was a discussion regarding the attendance & PCT marks of the studentsand also regarding their academic difficulties. |
| 6. | 23/10/23 | First year -orientation programme | Dr Usha Radke mam administered the oath to the first-year students. 2.Dr Neelam Pande presented a talk on Mentorship programme SARATHI and the White coat ceremony and introduction of first year mentees with their respective mentors was carried out by Dr Varsha Uttarwar along with the first-year mentors. |

Report of Mentoring Sessions

| Sr. No. | Year | Mentoring Sessions | Students Feedback | Remarks/Suggestions |
|------------|---------------|---|--|---|
| 1. | 2023- 2024 | Mentoring sessions were held with the mentees to discuss their various academic and personal problems and were motivated to excel by the mentors. Students were free to call the mentors at all times and mentors tried to resolve their issues whether academic, personal or psychological. Discussions in the mentoring sessions addressing anxiety levels, need of practicing yoga and maintaining a healthy lifestyle were carried out by the mentors. | Students were able to discuss their problems and anxiety issues with the mentors. Apprehensions of parents and safety concerns of parents were also resolved by the mentors. Mentors, encouraged them to pursue their hobbies along with improving their academic performance. Some also received guidance for improving their language and communication skills. | Mentoring sessions help in better communication between teachers and students and were helpful to the students. Further the increase in no of mentors helped in giving more personal attention to the students and interns as the student-mentor ratio was reduced to 1:10. |

Gender Equity and Anti Harrasment Committee

Gender Equity and anti-Harassment Committee conducted events throughout the academic year 2023-24 related to women empowerment & Gender Equity and also for creating conducting environment at work place for both genders. The committee has made significant strides this year in promoting a safe, inclusive, and equitable environment for all members of our community. Our efforts have focused on several key areas, including awareness, education, support services, and policy development.

A Panel Discussion program on "Gender Harassment Issues at Workplace" was organized on 18th of October 2023 by Gender Equity and anti-Harrasment Committee for the staff members, PG and UG students. The Panelist for the event were Dr. Sushil Gawande, (Professor and Head, Dept of Psychiatry, NKPSIMS) Dr. Sushma Deshmukh, Gynaecologist and women activist and Mrs. Padma Chandekar (Advocate). The moderator of the program wad Dr. Chetana Makade. Dr. Pranjali Bawankar, member secretary GHEC, was the master of the ceremony and the event commenced with the welcome of the dignitaries. All the Panelist highlighted the importance of social and gender equality and different ways of combating gender related issues at workplace. All the Panelist enlightened the undergraduates about the possible ways of harassments and the different ways to combat it if happened. Dr. Sushil Gawande being a renowned Psychologist highlighted the psychological aspects related to sexual Harassment. He also answered question related to mental disturbances caused due to gender inequality and different ways to overcome it. Dr. Sushma Deshmukh who was a renowned Women activist and Gynecologist by profession answered the questions related to the forums and the authorities to be approached for reporting the gender related issues at workplaces. She also enlightened about the social dogma related to the gender inequality persisting in the society and the different ways to overcome it.

Mrs. Padma Chandekar replied to the legal approaches and the existing laws and legislature which is concerned dealing with the gender related problems and issues that may arise at workplace. She also made the audience aware of the legislative approaches and the rights of the individuals when facing gender inequality at workplace. The representatives asked the questions one by one to the concerned Panelists which were duly answered by the Panelists.

A workshop on Foster Inclusive Workplace was conducted by Gender Equity and anti-Harrasment Committee on 12th March 2024. The chief guest for the program was Dr. Sunita Dhote, Professor, Shri Ramdeobaba College of Engineering & Management, Management. Dr. S R Shenoi, Vice Dean, RDDCRC, and all the HODs, teaching and nonteaching staff members were present for the program. Dr. Jaya Joshi, member GEAHC was the master of the ceremony and the event commenced with the welcome of the Guest speaker by Dr. S R Shenoi. Dr. Mohit Gunwal, member GEAHC, RDDCRC introduced the speaker. The Speaker highlighted the inclusion diversity and also performed group activities with all the participants.

The program on the occasion of Menstrual hygiene Day was conducted by Gender Equity and anti-Harrasment Committee on 28th May 2024. The guest speaker for the event was Dr. Swati Sarda and Dr. Snehal Naphade. Dr. Pranjali Bawankar, member Secretary GHEC, was the master of the ceremony and the event commenced with the welcome of the speaker. Dr. Chetana Makade, chairperson GHC, delivered the welcome address. Dr. Swati highlighted the importance of menstrual hygiene and eco-friendly ways of disposal of menstrual waste. She also promoted sustainable comfortable new-age menstruation and hygiene products. Dr. Snehal Naphade elaboratively explained the symptoms of Polysystic ovarian Syndrome and the ways to treat and prevent it. She also addressed all the doubts and questions of the participants regarding PCOS and menstruation myths and facts. She promoted use of menstrual cups for lowering the environmental waste burden. The lecture received overwhelming response from the faculty, interns and undergraduate students. The certificate and memento was presented to the speaker at the end of the interactive session followed by Vote of Thanks by Dr. Joshi.

These workshops, seminars, and training sessions aimed at increasing awareness about gender equity and the importance of a harassment-free environment. These initiatives have received positive feedback and have been instrumental in fostering a culture of respect and inclusivity.

| Chairperson | Dr. Chetana Makade | | | |
|------------------|-------------------------------------|--|--|--|
| Member Secretary | 7 Dr.Pranjali Bawankar | | | |
| | Dr. Jayshree Joshi | | | |
| | Dr. Mohit Gunwal | | | |
| | Dr. Nishant Dhodre, Head H.R. | | | |
| | Miss. Anjana Madavi, Social worker | | | |
| Members | Mr. Chetan Deshmukh, AO | | | |
| | Mrs. Chanda Wankhede – Attendant | | | |
| | Mr. Munindra Harle, Technician | | | |
| | Mr.Kishan Rewatkar Student Member | | | |
| | Miss Padmini Badjate Student Member | | | |

All the events were successfully organized and conducted with constant support from Dean, vice-dean and members of the committee.



Infection Control Committee

The infection control committee was formed on 7th January 2014 to monitor CSSD records, to ensure strict supply and use of PPE in the clinic, monthly intradepartmental Infection Control vigilance and to create awareness regarding needle stick injury and post exposure prophylaxis.

| Patron | Dr. Abhay Kolte | | | |
|------------------------------|---------------------------------|--|--|--|
| Chairperson Dr. Vrinda Kolte | | | | |
| Member Secretary | r Secretary Dr. Nilima Budhraja | | | |
| | Dr. Sangita Bhattacharya | | | |
| | Dr Kushal Fuladi | | | |
| | Dr. Purva Chaudhari | | | |
| | Dr. Sushil Naik | | | |
| Members | Dr Rakshata Sorte | | | |
| | Dr. Kalyani Deshmukh | | | |
| | Dr. Dhanashree Ghoderao | | | |
| | Dr Rucha Pandharipande | | | |
| | | | | |

The members of infection control committee are:

The committee members conduct meetings Quarterly (July and October, January and April) to discuss and monitor sterilization protocol, fumigation process, needle sick injury and use of PPE for the institute. Maintenance of CSSD, infection control and needle stick injury register are done by the committee on a regular basis. The record verification for every department is carried out by committee member on daily basis, by HOD on monthly basis and member secretary of infection control committee every 3 months.

From 24th – 27th January 2024, Hepatitis B Immunization Vaccination Drive was organized for First BDS, First MDS (2023-2024 Batch) and for Newly joined teaching staff. A total 115 participants were registered for this drive.

Dr. Dhanashree Sr. Lecturer Department of Periodontics had delivered a lecture on "Biomedical Waste Management" on 27th April 2024.

A quiz was organized for Nurses on occasion of Nurses Day on 6th May 2024.



ERP Committee

The Enterprise Resource Planning (ERP) Committee is functioning to make the educational operating process more efficient through Sack Information System (Synchronic Software). ERP System increases productivity, and the efficiency of planning, designing, and operating academic resources through access to real time data and analytics of institute.

It consists of Dean, chairperson, Co-Chairperson, Coordinator and members from each department. The ERP Committee functions with the coordination of main committee and all department HOD's, department representatives, all faculties, Student sections, IT Department, Account section and Software Coordinator.

| Committee Designation | Name | Designation | |
|-----------------------|-------------------------|----------------------|--|
| Dean | Dr. Abhay Kolte | Dean | |
| Chairman | Dr. Mukta Motwani | Vice-Dean (Clinical) | |
| Co-Chairman | Dr. K. Venugopal Reddy | Professor & HOD | |
| Coordinator | Dr. Jaishree Chahande | Lecturer | |
| Members | Dr. Purva Choudhary | Reader | |
| | Dr. Tapasya Karemore | Reader | |
| | Dr. Sandeep Khandaitkar | Sr. Lecturer | |
| | Dr. Pratik Burad | Sr. Lecturer | |
| | Dr. Dhawal Mody | Reader | |
| | Dr. Pritam Khorgade | Sr. Lecturer | |
| | Dr. Rakshata Sorte | Sr. Lecturer | |
| | Dr. Swapnil Patil | Lecturer | |

Frequency of meeting Quarterly

ERP committee meetings are conducted quarterly or as and when required; first meeting in every new academic session (July and January-Summer and Winter academic sessions) to plan and execute new batches updates in software and other meetings to take follow up of all department attendance updates.

- First meeting was conducted on 6th July 2023 to discuss about update of theory and clinical posting attendance of undergraduate students. It was decided to update the pending attendance soon and share in what's app group on 10th, 20th and 30th of every month. All coordinators suggested to make user friendly ERP Software and Wi-Fi facilities. Some changes in Feedback forms were suggested.
- Second meeting was conducted on 30th August 2023 to update the list of passed out students in ERP and to start 2023-24 academic session attendance.
- Third meeting was conducted on 14th December 2023 to discuss the issues faced by faculties during attendance. All intern in-charges were instructed to maintain intern's attendance in ERP. Now onwards, Dean, Dr. Abhay Kolte will be able to view ERP. Dashboard and Dr. Neelam Pande will be able to access Prosthodontics, HOD Dashboard.



• Fourth meeting was conducted on 3rd April 2024 to discuss about the other features available in ERP Software as well as Biometric attendance of students during class. All coordinators and student section in-charges directed to transfer students name in current academic session by next week and update attendance in ERP.



DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY



DR. MUKTA MOTWANI Professor & Head



DR. APEKSHA BALPANDE Professor



DR TAPASYA KAREMORE Reader



DR. SMRITI JAGDHARI Senior Lecturer



DR. APURVA MOHITE Senior Lecturer



DR. RUCHA PANDHARIPANDE Senior Lecturer





Dr Apeksha delivered guest lecture in CME programme on "Holistic Management of Oral Pre-cancer"



Dr Mukta was appointed as chairperson to prepare blueprint of OMR subject by MUHS in Feb 2024



Tobacco de-addiction training module conducted by department for interns on 5th & 6th Oct 2023



Dr Rucha delivered lecture in the CDE program on occasion of "World Cancer Day"



Dr Tapasya won innovations award for designing "Chair side TMJ examination and muscle activity detector tool"



Dr Tapasya Karemore was awarded PHD by MUHS in May 2024



CDE programme organized by the department on "Medicolegal and forensic aspects in dentistry" in April 2024



Dr Smriti delivered lecture on the occasion of "World No tobacco day" 50

DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY

Brief profile: The Department of Oral Medicine and Radiology deals with the diagnosis and non-surgical management of Oro-facial diseases and the oral manifestations of systemic disorders, as well as with the maxillofacial imaging. The department conducts theory lectures and practical postings for the III and IV BDS students. Post-graduation started in the subject from 2009 with the intake capacity of 3 students per year. Innovative teaching methods such as small group teaching exercise and case based group discussions is conducted for undergraduates by staff members. Open book test is also carried out for post-graduate students to upgrade their knowledge. Also, DOPS (Direct observation of procedural skills) and MiniCex (Mini clinical evaluation exercise) is carried out to develop clinical examination and radiographic skills of postgraduate students. Self directed learning (SDL) was introduced to batch of final year students in the year 2023 and it was found to be effective. The department of Oral medicine and radiology also conducts an add on course on "Clinical implications of TMJ Disorders" to enhance the skills of undergraduates. The department is now equipped with a TENS machine which is highly beneficial for pain management and rehabilitation. Oral radiology is well equipped with the conventional as well as advanced imaging facilities utilized for the Under-graduate as well as Post Graduate students. CBCT machine installed in December 2022 aids in proper diagnosis and treatment planning.

Tobacco Cessation Centre has been started in the department as per the DCI guidelines where patients are counselled for tobacco de-addiction. A Value added course on tobacco De-addiction training is conducted by the department where eminent speakers from LifeFirst foundation train around 80-100 interns every year. They are also taught about the tobacco use, products, prevalence in India and effects on general and oral health.

The department celebrated "World Cancer day" by organizing a CDE programme by distinguished speaker Dr. Aprajita Dutta. The programme witnessed enthusiastic participation of the students and faculty members. Another CDE programme on "Medicolegal and forensic aspects in dentistry" was organized by the department in April 2024. The lectures were delivered by Dr. Rupali Patil Jain and Dr. Shweta Gangotri. The insights and perspectives of the topic were highly appreciated by the attendees and programme proved to be a huge success.

Research profile of the department:

Publications:

| | Details of Publication (Year/ vol/pg. no) | Authors | | | | Na | me of Journal | |
|------------|---|------------------------|--|---|------------------|----------------|---------------|--|
| Sr. No. | | Publication (Year/ | | Title | International | | National | |
| | | | Co – Authors | | Indexed | Non indexed | Indexed | Non indexed |
| 1 | September 08, 2023 15(9): e44885. DOI 10.7759/ cureus.44885 | Dr. Adeeba Siddique | Dr. Mukta Motwani Dr. Nandkishor Bankar | Assessment of Digital Intraoral Periapical Radiograph for the Detection of Apical Root Resorption in Inflammatory Periapical Pathologies: A Radiovisiography Study | PubMed Cureus | | | |
| | 21-04-2024 Volume 23, Issue 4 Ser. 5 (April. 2024), PP 38-41 | Dr. Mukta Motwani | Dr. Ashwini Dhotarkar Dr. Priyanka Raut | Anterior Disc Derangement of TMJ with Reduction: A Case Report | | | | IOSR Journal of Dental and Medical Sciences |



| Volume 23, Issue 4 Ser. 6 (April. 2024), PP 01-04 | Dr. Mukta Motwani | Dr. Apeksha Dhole Dr. Bushra Siddiquee Dr. Anwesha Ramteke Dr. Alka Dive Dr. Ashish Bodhade | Leukemic Gingival Enlargement: An Atypical Presentation | | IOSR Journal of Dental and Medical Sciences |
|---|-----------------------------|---|---|---|---|
| 35(3):p 310-314, Jul–Sep 2023 | Dr. Apeksha Dhole | Dr. Divya Dube Dr. Mukta Motwani | evaluation of efficacy of bee pollen in the treatment of oral submucous fibrosis patients: a randomized clinical drug trial | Journal of Indian Academy of Oral Medicine & Radiology | |
| Volume 23, Issue 5 Ser. 8 (May. 2024), PP 37-40 | Dr. Apeksha Dhole | Dr. Mukta Motwani Dr. Mayuri Sonole Dr. Pratiksha Ghotkekar | Globulomaxillary Cyst: A Rare Case Report | | IOSR Journal of Dental and Medical Sciences |
| May. 07, 2024;15(4):1-3. | Bhavana Agrawal | Apeksha Dhole | Unveiling the Clinical Enigma of Oral Myiasis: A Case Report and Literature Review | | Journal of Research and Advancement in Dentistry |
| 12 June 2024 Volume 76 Issue 3 | Dr. Apeksha Dhole | Dr. Anwesha Ramteke Dr. Mukta Motwani | Radiographic Association of Maxillary sinus volume in patients with deviated nasal septum: A systematic review and meta-analysis | Indian Journal of Otolaryngology and Head & Neck Surgery | |
| Volume 23, issue 6 Ser:7 (June. 2024), PP 45-49 | Dr. Tapasya Karemor | Dr. Mukta Motwani Dr. Shahoo Bahale | Case Report: Hypermobility of TMJ | | Journal of Dental and Medical Sciences |
| 19 March 2024;15:29-35 | Dr. Tapasya V. Karemore, | Dr. Kanchan A. Ashtankar, Dr. Mukta Motwani | Comparative efficacy of preoperative and postoperative administration of amoxicillin in third molar extraction surgery – A systematic review and metaanalysis | National Journal of Maxillofacial Surgery Published by Wolters Kluwer – Medknow | |
| 29-06-2024 36 (2) 90-5. Wolters Kluwer - Medknow | Dr. Tapasya Karemore | Dr. Mukta Motwani Dr. Pawan Motghare Dr. Arati Panchbhai Dr. Trushita Banubakode | Efficacy of Lycopene in the Management of Oral Leukoplakia – A Systematic Review | Journal of Indian Academy of Oral Medicine & Radiology | |
| 19 March 2024;15:29-35 | Dr. Tapasya V. Karemore, | - | Comparative efficacy of preoperative and postoperative administration of amoxicillin in third molar extraction surgery – A systematic review and metaanalysis | National Journal of Maxillofacial Surgery | |
| 2024 Jan, Vol- 18(1): ZC29-ZC35 | | | Knowledge of Computer Ergonomics among Third and Final Year Dental Students: A Cross-sectional Survey from Nagpur, India | Journal of Clinical and Diagnostic Research | |

Institutional Ethics Committee Record - Staff:

| Sr. No. | Name of Principal Investigator | Title of Research Project | Time Period | Date of Approval By IEC | IEC No. | Status of Progress |
|------------|--|--|----------------|-------------------------------|------------------------------|-----------------------|
| 1 | Dr. Mukta Motwani Dr. Apeksha Balpande Dr. Rucha Pandharipande | Evaluation of efficacy of soothoral gel containing combination of psidium guajava extract, matricaria chamomile oil and cucurbita pepo oil in recurrent aphthous stomatitis: A randomized controlled | 18 months | 17/1/2024 | Dental/ RDDC:IEC/142/2023 | Ongoing |
| 2 | Dr. Tapasya Karemore | Accuracy and utility of 'Smart TMJ device' as chairside temporomandibular joint examination tool | 2 years | 28/12/2023 | Dental/ RDDC:IEC/011/2023 | Ongoing |

Institutional Ethics Committee Record - PG:

| Sr. No. | Name of Principal Investigator | Title of Research Project | Time Period | Date of Approval By IEC | IEC No. | Status of Progress |
|------------|--------------------------------------|--|----------------|-------------------------------|------------------------------|-----------------------|
| 1 | Dr. Ashwini Dhotarkar | Evaluation of the efficacy nanocurcumin and curcumin in the management of oral submucous fibrosis a randomized clinical trial study | 12 months | 20/7/2023 | IEC/ VSPMDCRC/12/2023 | Completed |
| 2 | Dr. Ashwini Dhotarkar | Correlation of fractal dimensional analysis with bone density on cone beam computed tomography at pre implant site, a retrospective study | 1.5 months | 22/9/2022 | IEC/ VSPMDCRC/25/2023 | Completed |
| 3 | Dr. Ashwini Dhotarkar | Correlation of midpalatal suture ossification and thickness of hard and soft tissues of study | 18 months | 19/4/2022 | IEC/ VSPMDCRC/13/2023 | Completed |
| 4 | Dr. Shiwani Dalal | Co-relation of oral and psychological status among pre-menopausal, peri- menopausal and post-menopausal women- a comparative study | 18 months | 19/4/2024 | IEC/ VSPMDCRC/15/2022 | Completed |
| 5 | Dr. Shiwani Dalal | Co-relation of oral, systemic and psychological status among pre-menopausal, peri-menopausal and post-menopausal women- a observational study | 18 months | 19/4/2024 | IEC/ VSPMDCRC/15/2022 | Completed |
| 6 | Dr. Mayuri Sonole | Gender determination using morphometric analysis of christa galli and glabella in central India population: A retrospective CT study | 18 months | 19/4/2022 | IEC/ VSPMDCRC/14/2022 | Completed |
| 7 | Dr. Bushra Siddiquee | Evaluation of prevalence of recurrent aphthous ulcer in dental students | 4 months | 20/7/2023 | IEC/ VSPMDCRC/19/2023 | Ongoing |
| 8 | Dr. Bushra Siddiquee | Evaluation of efficacy of CBCT in detection of early periodontitis in young adult cigarette smokers and non-smokers: A comparative study | 6 months | 17/1/2024 | IEC/RDDC&RC /Dean/37/2024 | Ongoing |
| 9 | Dr. Bushra Siddiquee | Evaluation of efficacy of Cinnamaldehyde mucoadhesive patches on Recurrent Aphthous Stomatitis : A Randomized Controlled Double Blind Clinical Trial | 18 months | 21/3/2023 | IEC/ VSPMDCRC/14/2023 | Ongoing |
| 10 | Dr. Anwesha Ramteke | Evaluation of pharyngeal airway space & maxillary sinus volume using cone beam computed tomography (CBCT) in overweight & obese individuals. | 18 months | 21/3/2023 | IEC/ VSPMDCRC/15/2023 | Ongoing |
| 11 | Dr. Shahoo Bahale | The correlation of nicotine dependence with oral addictive habits with oral mucosal lesions in different age groups: An observational study. | 18 months | 21/3/2023 | IEC/ VSPMDCRC/16/2023 | Ongoing |
| 12 | Dr. Pratiksha Ghotkekar | Morphometric evaluation of Rosenmullar Fossa and Eustachian tube on CBCT images in oral submucous fibrosis patients. | 18 months | 26/3/2024 | IEC/RDDC&RC/ Dean/28/2024 | Ongoing |
| 13 | Dr. Priyanka Raut | Association between root canal morphology changes amongst various permanent teeth of the same individual- A Retrospective CBCT study. | 18 months | 26/3/2024 | IEC/RDDC&RC/ Dean/29/2024 | Ongoing |
| 14 | Dr. Anwesha Ramteke | Comparative assessment of knowledge, attitude & practice regarding tobacco & areca nut use among visually impaired & normally sighted individual- A Questionnaire study. | 4 months | 18/7/2024 | IEC/RDDC&RC/ Dean/11/2024 | Ongoing |
| 15 | Dr. Anwesha Ramteke | Comparative assessment of three different educational methods in visually impaired individuals regarding tobacco & areca nut use- A multicentric study. | 6 months | 18/7/2024 | IEC/RDDC&RC/ Dean/08/2024 | Ongoing |
| 16 | Dr. Anwesha Ramteke | Comparative assessment of knowledge, attitude & practice about oral hygiene among physiotherapy & medical students of Nagpur. | 4 months | 20/10/2024 | IEC/ VSPMDCRC/27/2023 | Ongoing |

Achievment - Staff:

Academic:

| Sr. No. | Name Of Staff | Achievements |
|------------|---------------|--|
| | | As a Resource person in Basic Research Methodology Workshop by BORS, Ranjeet Deshmukh Dental College & Research Centre, Nagpur on 20th – 22nd February 2024. |
| | | Chairperson in the Scientific Session of at NIDACON 2024, Nagpur on 17th – 18th February 2024. |
| | | Chairperson for Task force to prepare blueprint of Oral Medicine and Radiology subject by Maharashtra University of Health Sciences, Nashik on 21st February 2024. |
| 1 | Dr. Mukta | Judge for Faculty Essay Competition 2023 by Indian Academy of Oral Medicine and Radiology (IAOMR) |
| | Motwani | Moderator in FDP on Experiential Learning by HSET committee at Ranjeet Deshmukh Dental College & Research Centre, Nagpur on 13th June 2024. |
| | | 74th Indian Dental Conference Biswa Bangla Convention Centre 2nd – 4th February 2024. |
| | | Subject expert for LINK NXT postgraduate meet held at Government Dental College & Hospital, Nagpur on 6th April 2024. |
| | | Judging Research E-poster competition during Add-on Course on "Basic Research Methodology & Scientific Writing" for Interns 10th July 2023. |

| Sr. No. | Name Of Staff | Achievements |
|------------|----------------------------|--|
| | | As the Resource Person for CME programme titled "Holistic Management of Oral Pre-cancer" at Ranjeet Deshmukh Dental College and Research Centre on 15th January 2024. |
| | | Delivered lecture in Resident as a Teacher (RAT) workshop by HSET unit at Ranjeet Deshmukh Dental College and Research Centre, Nagpur on 9th & 10th January 2024. |
| 2 | Dr. Apeksha Dhole | Moderator in the quiz competition for children's day celebration by Department of Pediatric and Preventive Dentistry, Ranjeet Deshmukh Dental College and Research Centre, Nagpur on 24th November 2023. |
| | | A Judge in the Scientific Session of at NIDACON 2024, Nagpur on 17th – 18th February 2024. |
| | | As a Moderate in faculty development activity on "Reflective Learning: What, How, Who and When?" by HSET unit at Ranjeet Deshmukh Dental College and Research Centre, Nagpur on 22nd December 2023. |
| | | Attended the post graduate students/fellowship students/faculty research synopsis approval meeting on 8th February 2024 by Research and Developemt cell, at Government of Dental College & Hospital, Nagpur |
| | | As the Resource Person for "State CDE Programe: All About TMJ" at VSPM's Dental College by Maharashtra State Chapter AOMSI on 20th August 2023. |
| | | Delivered lecture in Resident as a Teacher (RAT) workshop by HSET unit at Ranjeet Deshmukh Dental College and Research Centre, Nagpur on 9th & 10th January 2024. |
| | | As a Guest Speaker in faculty development program workshop on "Self Directed Learning" at Chhattisgarh Dental College and Research Institute, Sundra, Rajnandgaon on 26th July 2023. |
| | | Resource person for symposium at Hitkarini Dental College, Jabalpur on Topic – CBCT: a comprehensive approach and updates to improve dental practice 8th September 2023. |
| 3 | Dr. Tapasya Karemore | Resource person for National student exchange program organised by Indian association of Conservative Dentistry and Endodontist in collaboration with Dept of Conservative Dentistry, Ranjeet Deshmukh Dental College, Nagpur Topic: CBCT in Endodontics on 11th – 14th September 2023 |
| | | As a Resource Person for the webinar on learning more about no tobacco day and tobacco counselling at Hitkarini Dental College, Jabalpur |
| | | Best Individual Performer (Teaching Staff), Department of Oral Medicine Radiology for the year 2022-23 at Ranjeet Deshmukh Dental College and Research Centre, Nagpur |
| | | Awarded for the degree of PhD Oral Medicine & Radiology by Maharashtra University of Health Sciences, Nashik 23rd May 2024 |
| | | Prize titled smart chair side TMJ examination and muscle activity detector tool Gen Z Idea Genesis 2024 by E-Cell, Nagpur Institute of Technology, Nagpur on 15th April 2024. |
| | | As the Chairperson for CME programme titled "Holistic Management of Oral Pre-cancer" at Ranjeet Deshmukh Dental College and Research Centre, Nagpur on 15th January 2024. |
| | | Guest speaker in the CDE program – World Cancer Day at Department of Oral Medicine & Radiology, Ranjeet Deshmukh Dental College and Research Centre, Nagpur on 6th February 2024 |
| | | Guest speaker for Tobacco awareness and measure for quitting the habit among non-teaching employee of VSPMAHE, World no tobacco day at Ranjeet Deshmukh Dental College & Research Centre, Nagpur on 31st May 2024. |
| | Dr. Smriti | Keynote presentation on "Effect of Astaxanthin supplementation in the Management of Oral Submucous Fibrosis Patients: A comparative study" 5th International Conference on "Dentistry and Oral Health" held on, Dubai, UAE on 13th – 14th November 2023 |
| 4 | Golhar | As the Chairperson for CME programme titled "Holistic Management of Oral Pre-cancer" at Ranjeet Deshmukh Dental College and Research Centre, Nagpur on 15th January 2024. |
| | | Paper presentation as a Faculty at a four-day international conference, the International Oral Cancer Congress 2024/IOCCON 2024 by the National Health Academy, India and the University of Peradeniya, Sri Lanka between February 1-4, 2024 on the occasion of World Cancer Day |
| | | Introduction to systematic reviews for Dental health professional November 2023 with a score of 90% by ICMR NIE. |
| | | Participated in advanced course in research methodology from 4th to 9th December 2023 by Maharashtra University of Health Sciences, Nashik at Government Dental College & Hospital, Nagpur |
| | | Guest speaker in the CDE program, World Cancer Day by Oral Medicine & Radiology at Ranjeet Deshmukh Dental College and Research Centre on 6th February 2024. |
| 5 | Dr. Apurva Mohite | Participated Poster titled assessment of the awareness of new teaching methods among the faculties teaching undergraduate dental students in Vidarbha region: A cross-sectional study at 14th National Conference on Health |
| | MOLITE | Professions Education at K J Somaiya Medical College and Research Centre, Mumbai on 24th & 25th November 2023 |
| | | Chairperson for CME Programme: All About Implants at Dept. of Oral & Maxillofacial Surgery, Ranjeet Deshmukh Dental College and Research Centre, Nagpur on 27th March 2024 |
| | | Guest speaker titled sensitization on oral cancer awareness, detection and referral for ASHA workers at Ranjeet Deshmukh Dental College and Research Centre, Nagpur 28th May 2024. |
| 6 | Dr. Rucha Pandharipande | Guest speaker in the CDE program – World Cancer Day at Department of Oral Medicine & Radiology, Ranjeet Deshmukh Dental College and Research Centre, Nagpur 6th February 2024. |
| | | Guest lecture on Strategies for Tobacco Cessation: The Road to Quitting on 12th June 2024 at Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital |
| | | Best selling book entitled – Management guide in oral medicine (A concise review) ISBN: 978-81-951750-1-7 in the year 2023. |

Non Academic:

| Sr. No. | Name Of Staff | Achievements |
|------------|---------------------|--|
| 1 | 1 Dr. Apeksha Dhole | Participated in Pariksha pe charcha 2024 by Ministry of Education government of India. |
| | | Participated in World record of most viewers for a Yoga live stream on Youtube |
| 2 | Dr. Smriti Golhar | Participated at International Yoga Day on 21st June 2024 |

Achievements –PG Students:

| Sr. No. | Name of Students UG/PG /PHD | Achievements |
|---------|-----------------------------|--|
| 1 | Dr. Shiwani Dalal | 1st prize in E-poster competition at NIDACON 2024 |
| 2 | Dr. Shiwani Dalal | 1st prize in Paper presentation at OMR PG convention |
| 3 | Dr. Bushra Siddiquee | 3rd prize in E-poster competition at NIDACON 2024 |



DEPARTMENT OF PERIODONTICS & IMPLANTOLOGY



DR. ABHAY KOLTE Professor & Head



DR. RAJASHRI KOLTE Professor



DR. SUREKHA RATHOD Professor



DR. KAMALKISHOR MANKAR Reader



DR. DHAWAL MODY Reader



DR. VRUSHALI LATHIYA Senior Lecturer



DR. NEHA DESHPANDE Senior lecturer



DR. PRANJALI BAWANKAR Senior lecturer



Dr. DHANASHREE GHODERAO Senior lecturer



Dr. PRACHI RATHI Senior lecturer



Add on Course on Simplifying Lasers, 31st August 2023 to 4th September 2023



Add on Course on Basic Oral Implantology, 20th- 23rd September 2023



"National Oral Hygiene Day Celebration Week" from 1st August to 9th August 2023

DEPARTMENT OF PERIODONTICS & IMPLANTOLOGY

Brief profile of the Department: The Department specializes in a wide range of nonsurgical and surgical procedures, including Scaling and Root Planing, Flap Surgeries, Periodontal Plastic Surgeries, Sinus Augmentation, Ridge Augmentation, and Bone Grafting Procedures. It also features a dedicated Implantology section exclusively for Dental Implant procedures.

The Department successfully organized the "National Oral Hygiene Day Celebration Week" from 1st to 9th August 2023. The week included various engaging events and activities for students, teaching staff, and non-teaching staff. Key events included Nukkad Natak, Poster Painting Competition, Debate Competition, Awareness Talks, Quiz Competition, and a Dental Checkup & Treatment Camp, all of which had enthusiastic participation in large numbers.

The Department successfully conducted an Add-On Course on Simplifying Lasers from 31st August 2023 to 4th September 2023 and Basics Implantology from 20th- 23rd September 2023, providing participants with in-depth knowledge and hands-on training in these advanced dental techniques. The program was designed to enhance clinical skills and broaden the scope of practice for students in Periodontics. The course was well-received by attendees, who appreciated the blend of theoretical knowledge and practical experience. It aimed to equip participants with the skills required for modern dental practice, ensuring improved patient care and treatment outcomes.

Additionally, the Department is recognized by MUHS, Nashik, as one of the centres for Ph.D. programs in Periodontics and Implantology, with three Professors from the Department serving as approved Ph.D. guides.

Research profile of the department:

Publications Record:

| Sr. No | Name of the faculty | Title | Indexed Pubmed/ WOS/ Scopus | UGC/Google Scholar |
|-----------|--|--|--------------------------------------|-----------------------|
| 1. | Dr Abhay Pandurang Kolte, Dr Rajashri Abhay Kolte, Dr. Pranjali Bawankar Dr Vinisha Bajaj | Assessment and correlation of the influence of non-surgical periodontal therapy on serum lipid profile and cytokines in patients with stage III periodontitis. Int J Dent Hyg. 2023;21(2):298-304 | PubMed | Google Scholar |
| 2. | Dr Abhay Pandurang Kolte, Dr Rajashri Kolte Dr Vinisha Bajaj | Evaluation and correlation of extra-oral and intra-oral attributes on smile esthetics International Journal of Esthetic Dentistry 023;18(4);378-388 | PubMed | Google Scholar |
| 3. | Dr Aishwarya Ikhar, Dr Rajashri Abhay Kolte, Dr Abhay Pandurang Kolte, Dr Aishwarya Purohit, Dr Rahul Dahake | Efficacy of platelet rich fibrin with and without metformin in the treatment of periodontal osseous defects: A systematic Review and Meta -Analysis Acta Odontologica Scandinavica 2023;81(3):186-195 | PubMed | Google Scholar |
| 4. | Dr Rajashri Kolte, Dr Abhay Kolte, Dr. Pranjali Bawankar Dr Vinisha Bajaj | Effects of nonsurgical periodontal therapy on metabolic control and systemic inflammatory markers in patients of type 2 diabetes mellitus with stage III periodontitis Contemproray Clinical Dentistry 2023;14:45-51 | PubMed | Google Scholar |

| Sr. No | Name of the faculty | Title | Indexed Pubmed/ WOS/ Scopus | UGC/Google Scholar |
|-----------|---|--|--------------------------------------|-----------------------|
| 5. | Dr Rajashri Kolte, Dr Abhay Kolte, Dr Aishwarya Purohit | Gender based evaluation of interproximal dimensions. Influence on interdental papillae and gingival thickness in maxillary anterior teeth. International Journal of Esthetic Dentistry 2023;18,(2):128-140 | PubMed | Google Scholar |
| 6. | Dr. Divya Trivedi Dr. Abhay Kolte, Dr. Rajashri Kolte Dr. Neha Deshpande | Comparative evaluation of pinhole surgical technique with and without A-PRF in the treatment of multiple adjacent recession defects: A clinico radiographic study Journal of Esthetic and Restorative Dentistry doi: 10.1111/jerd.13076 | PubMed | Google Scholar |
| 7. | Dr Priyanka Rahate, Dr Rajashri Kolte, Dr. Abhay Kolte, Dr. Girish Bodhare, Dr. Vrushali Lathiya. | Efficacy of simultaneous placement of dental implants in osteotome-mediated sinus floor elevation with and without bone augmentation: A systematic review and meta- analysis Journal of Indian Society of Periodontology 2023; 27(1):p31-39 | PubMed | Google Scholar |
| 8. | Dr. Ashwini Jadhav, Dr. Surekha Rathod Dr. Abhay P. Kolte, Dr. Palak Kasliwal | Effect of nonsurgical periodontal therapy on interleukin-35 level in gingival crevicular fluid SRM Journal of Research in Dental Sciences ,2023; 14(4) | PubMed | Google Scholar |
| 9. | Dr. Supriya S Kaule Dr. Surekha R Rathod Dr. Pranjali V Bawankar Dr. Abhay P Kolte | Effects of Piezoelectric Surgery on Implant Stability and Marginal Bone Level: Systematic Review and Meta-analysis World Journal of Dentistry; 2023;14 (10) | PubMed | Google Scholar |
| 10. | Dr. Srushti Dhande, Dr.Surekha R. Rathod Dr. Pranjali V. Bawankar Dr. Abhay P. Kolte, | Soft and Hard Tissue Changes after Photodynamic Therapy in Aggressive Periodontitis: A Systematic Review and Meta-Analysis Journal of Indian Academy of Oral Medicine & Radiology; 2023;35(3) | PubMed | Google Scholar |
| 11. | Dr.Aishwariya Ikhar Dr Rajashri Abhay Kolte, Dr Abhay Pandurang Kolte, Dr. Prachi Rathi Dr. Dhanashree Ghoderao Dr. Rahul Dahake | Comparative evaluation of semaphorin-4D, peptidylarginine deiminase-2, and matrix metalloproteinase-8 levels of gingival crevicular fluid in periodontally healthy and Stage III periodontitis smoker and non- smoker patients before and after non-surgical periodontal therapy Journal of Periodontology doi: 10.1002/JPER.2 3-0324 | PubMed | Google Scholar |
| 12. | Dr. Shweta B Maske, Dr. Surekha Rathod Dr. Abhay Kolte Dr. Pranjali Bawankar Dr. Madhur Gupta Dr. Supriya Kaule | Evaluation of efficacy of locally delivered Herbal extract in treatment of Chronic periodontitis –A Randomised controlled trial International journal of Ayurvedic Medicine2023;14(2),380–387 | Web Science | |
| 13 | Dr. Praniali Bawankar, Dr. Mayur Tupate, Dr. Vaibhav Alone, Dr Abhay Pandurang Kolte | Evaluation of association of effect of stage III and IV periodontitis on oral health related quality of life in patients with chronic kidney diseases. International Journal of Research and Analytical Reviews 2024:11(1) 354-364 | PubMed | Google Scholar |
| 14 | Dr. Kamalkishor Mankar Dr. Humaira Siddique Dr. Abhay Kolte Dr. Adiba Siddique Dr.Vaishnavi Mishra Dr.Anjali Borkar | Prevalence, Location, and Variations of the Posterior Superior Alveolar Canal With Age and Gender in the Indian Population: A Cone Beam Computed Tomography (CBCT)-Based Retrospective Study Cureus 16(5): e60658. DOI 10.7759/cureus.60658 | PubMed | Google Scholar |

| Sr. No | Name of the faculty | Title | Indexed Pubmed/ WOS/ Scopus | UGC/Google Scholar |
|-----------|--|--|---|-----------------------|
| 15. | Dr. Surekha Rathod | Determination of Minimal Inhibitory Concentration of Gel containing combination of Picrorhiza Kurroa and Ficus Benghalensis for Treatment of Periodontitis Vol. 15 (2), July 2024; 366-369 | nternational Scopus International journal of ayurvedic medicine | Google Scholar |
| 16. | Dr. Surekha Rathod | Evaluation of efficacy of locally delivered Herbal extract in treatment of Chronic periodontitis –A Randomised controlled trial Vol. 14 No. 2 ,3 July 2023. | International Scopus International journal of ayurvedic medicine | Google Scholar |
| 17. | Dr. Srushti Dhande, Dr. Surekha Rathod, Dr. Pranjali Bawankar Dr. Abhay P Kolte Dr. Palak Kasliwal | Clinicoradiographic comparative evaluation of 1% melatonin gel plus platelet-rich fibrin over platelet-rich fibrin alone in treatment of Grade II furcation defects: A randomized controlled double-blind clinical trial Journal of periodontology (JOP) 2024 Aug;95(8):707-717. | International - (indexed) | Google Scholar |
| 18. | Dr. Srushti Dhande, Dr. Surekha Rathod, Dr. Pranjali Bawankar Dr. Abhay P Kolte | Soft and Hard Tissue Changes after Photodynamic Therapy in Aggressive Periodontitis: A Systematic Review and MetaAnalysis Journal of Indian Academy of Oral Medicine and Radiology Volume 35, Issue 3, July-September 2023 | National (Indexed) Scopus | Google Scholar |
| 19. | Dr Surekha Rathod Dr. Supriya Kaule, Dr. Pranjali Bawankar Dr. Abhay P Kolte | Effects of Piezoelectric Surgery on Implant Stability and Marginal Bone Level: Systematic Review and Meta-analysis Volume 14 Issue 10, October 2023 | National indexed) Scopus World Journal of Dentistry | Google Scholar |
| 20. | Dr. Ashwini Jadhav; Dr. Surekha Rathod, Dr. Abhay Kolte Dr. Palak. Kasliwal, | Effect of nonsurgical periodontal therapy on interleukin35 level in gingival crevicular fluid SRM Journal of Research in Dental Sciences Volume 14, Issue 4, October-December 2023 | National UGC care | Google Scholar |
| 21. | Dr Neha Deshpande | Assessment of knowledge and awareness regarding ergonomics in dentistry amongst undergraduate students. IJRAR September 2023, Volume 10 lassue 3 | Index Copernicus | Google Scholar |
| 22. | Dr. Dhanashree Ghoderao Dr. Vrushali Lathiya Dr. Pradeep Sangrame | Awareness about Antibiotic Prophylaxis Prior to Dental Procedures among Dental Students IJRAR February 2024, Volume 11, Issue 1 | Index Copernicus | Google Scholar |

Institutional Ethics Committee Record:

| Sr No | Principle investigator | Guide/ Co-investigator | Торіс | Approval Number And Date of IEC presentation | Status (Ongoing/ Completed/ Abandoned |
|----------|----------------------------|---------------------------|--|--|--|
| 1 | Rubal Bhiogade | Dr Pranjali Bawankar | Evaluation and comparison of anti-microbial efficacy of a novel herbal chewing gum containing neem extracts with doxycycline and chlorhexidine on periodontal pathobionts: An in-vitro microbiological study | 13. 10. 2023 IEC/ VSPMDCRC/08/2023 | Completed |
| 2 | Dr. Shivani Koli | Dr. Surekha Rathod | Evaluation of osteostimulating effect of a Novel composite graft- An invitro study | 07. 12. 2023 EC/NEW/ INST/2020/687 | In Progress |
| 3 | Dr. Vrushali Lathiya | Dr. Abhay Kolte | Formulation, invitro characterization and analysis of a novel Doxycycline Hyclate gel for its antimicrobial activity against periodontal pathogens | 07. 12. 2023 IEC/RDDC&RC/ Dean/11/2023 | In Progress |
| 4 | Dr. Dhanashree Ghoderao | Dr. Abhay Kolte | Assessment of Meteorin-like protein and Visfartin level in serum and saliva in patients with hypothyroidism with and without type 2 diabetes: An observational study | 07. 12. 2023 IEC/RDDC&RC/ Dean/12/2023 | In Progress |

| Sr No | Principle investigator | Guide/ Co-investigator | Торіс | Approval Number And Date of IEC presentation | Status (Ongoing/ Completed/ Abandoned |
|----------|--------------------------------|---|---|--|--|
| 5 | Dr. Abhay Kolte | Dr. Rajashri Kolte Dr. Siddhi Sonare | Sinus membrane Thickness in Periodontally healthy and Stage III Periodontitis and its correlation with anatomical parameters using CBCT. | 12/1/2024 IEC/RDDC&RC/ Dean/ 20/2024 | In Progress |
| 6 | Dr. Abhay Kolte | Dr. Rajashri Kolte Dr. Tushar Mohta | Comparative evaluation of the Periodontal status, Xerostomia severity and Oral Health Related Quality of Life in Controlled and Uncontrolled Type 2 Diabetic patients. | 12/1/2024 IEC/RDDC&RC/ Dean/21/204 | In progress |
| 7 | Dr Surekha Rathod | Dr Shivani Koli | Comparative evaluation of 5% melatonin gel in combination with platelet rich fibrin and platelet rich fibrin alone in the treatment of intrabony defect: A clinico- radiographic study | 15. 04. 2024 IEC/RDDC&RC/ Dean/02/2024 | In progress |
| 8 | Dr Surekha Rathod | Dr Shivani Koli | Comparative evaluation of hydroxyapatite nanoparticles with and without herbal gel in the treatment of periodontal intrabony defects: A clinico-radiographic study | 13. 04. 2024 IEC/RDDC&RC/ Dean/01/204 | In progress |
| 9 | Dr Pranjali Bawankar | Dr Abhay Kolte | Evaluation of clinical efficacy of locally delivered vitamin D3 gel as an adjunct to non surgical periodontal therapy in the treatment of periodontitis | 13. 04. 2024 IEC/RDDC&RC/ Dean/02/2024 | Completed |
| 10 | Preshita Barai Yash Bhakkad | Dr Surekha Rathod | Comparative evaluation of effect of herbal based mouthwash in gingivitis patients: A randomized controlled trial | 13. 04. 2024 IEC/ VSPMDCRC/07/2024 | Completed |
| 11 | Shalaka Bodhankar | Dr Neha Deshpande | Assessment of periodontal health status in patients having metabolic syndrome(MetS)- A cross sectional study | 13. 04. 2024 IEC/ VSPMDCRC/20/2024 | Completed |
| 12 | Dr. Kamalkishor Mankar | Dr. Anushree Matre | Comparative evaluation of waist, circumference and waist to height ratio in periodontally healthy, Stage III/IV periodontitis with and without type 2 Diabetes Mellitus | 14/5/2024 IEC/RDDC&RC/ Dean/32/2024 | In Progress |
| 13 | Dr. Abhay Kolte | Dr. Pranjali Bawankar | Evaluation and comparison of patient reported outcome measures and anti-plaque effectiveness of a novel herbal chewing gum containing neem extracts with placebo chewing gum: A double blind crossover, clinical trial. | 14/5/2024 IEC/RDDC&RC/ Dean/18/2024 | Completed |
| 14 | Dr. Akanksha Mahalle | Dr. Surekha Rathod | Assessment of Learning using Specialized developed theater and role play for Dental Undergraduate students in Dental Institution | 25/6/2024 IEC/ VSPMDCRC/11/2024 | In Progress |

Patent Published:

| Sr. no | Date | Patent ID | Author | Co-Author | Titled |
|-----------|------------|----------------|-----------------------|---|--|
| 1 | 22/09/2023 | 202321041670 | Dr. Surekha Rathod | Dr. Palak Kasliwal A Process for preparation of gel by combination of Psidium guava le and Syzygium cumini seed extract for the treatment of chronic perio | |
| 2 | 05/01/2024 | 202321084978 A | Dr. Rajashri Kolte | Dr. Shefali Mangrolia Dr. Abhay Kolte | A dental device for intraoral visibility and photography aid. |
| 3 | 05/01/2024 | 202321076838 | Dr. Surekha Rathod | Dr. Prachi Rathi Dr. Supriya Kaule Dr. Palak Kasliwal | A dentognathic model for crown lengthening procedure. |
| 4 | 15/03/2024 | 202421006084 | Dr. Dhawal Mody | Dr. Vrushali Lathiya Dr. Abhay Kolte Dr. Vaishnavi Biradar | Mucoadhesive `proniosomal gel formulation comprising doxycycline and preparation method thereof. |
| 5 | 17/05/2024 | 202421030005 | Dr. Surekha Rathod | Dr. Pranjali Bawankar Dr. Yogita Rathod | Herbal Mouthwash for oral hygiene maintenance |
| 6 | 10/05/2024 | 202421028984 | Dr Pranjali Bawankar | Dr. Abhay Kolte | A self-retained intraoral retractor cum bite block |
| 7 | 10/05/2024 | 202421028983 | Dr. Pranjali Bawankar | Dr. Abhay Kolte Ms Neha Raut Dr. Milind Umerkar | An in situ formulation comprising vitamin D3 and preparation method thereof |
| 8 | 14/06/2024 | 202221069556 | Dr. Surekha Rathod | Dr. Chetana Mankar Dr. Jatin Girdhar | NOVEL ZR55CO30TI15 ALLOY |
| 9 | 12/07/2024 | 202421043656 | Dr. Surekha Rathod | Dr. Pranjali Bawankar Dr. Shivani Koli | A dental gel formulation and preparation method there of |

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| Sr. No | Date | Registration ID | Author | Co-Author | Title |
|-----------|------------|-----------------|---------------------------------------|--|---|
| 1 | 27/07/2023 | L-130952/2023 | Dr. Abhay Kolte Dr. Rajashri Kolte | Dr. Prabhnoor Tuli | Comparative evaluation of Vestibular Incision Subperiosteal Tunnel Access (VISTA) technique with or without a-PRF in the treatment of multiple adjacent recession defects in maxillary anterior region:A randomized controlled trail. |
| 2 | 28/08/2023 | L-132500/2023 | Dr. Abhay Kolte | Dr. Rajashri Kolte Dr. Amruta Verma | Anxiety and sleep quality in Periodontally healthy, gingivitis and periodontitis patients: A Cross Sectional Study |
| 3 | 04/09/2023 | L-132817/2023 | Dr. Rajashri Kolte | Dr. Abhay Kolte Dr. Shefali Mangrolia | Association of papilla presence and gingival exhibit in interdental and gingival smile line: An Age and Gender based evaluation. |
| 4 | 22/09/2023 | L-133473/2023 | Dr. Abhay Kolte Dr. Rajashri Kolte | Dr. Amruta Verma | Comparative evaluation of Freeze-Dried bone Allograft and T-PRF with and without Vitamin D3 gel in the treatment of Periodontal Intrabony Defects: A Clinico-Radiographic Study |
| 5 | 03/10/2023 | L-133893/2023 | Dr. Abhay Kolte | Dr. Rajashri Kolte Dr. Prabhnoor Tuli | Evaluation of correlation of Periodontal Inflamed Surface Area (PISA) with peripheral markers of innate immunity activation and inflammation in stage III Periodontitis with and without Type II Diabetes Mellitus. |
| 6 | 3/10/2023 | L-133846/2023 | Dr. Surekha Rathod | Dr. Palak Kasliwal | Use of One Minute Preceptor Tool in Periodontology & Implantology. |
| 7 | 10/10/2023 | L-134592/2023 | Dr. Abhay Kolte Dr. Rajashri Kolte | Dr. Amruta Verma | Anxiety and smoking in Periodontally healthy and periodontitis patients: A Cross- Sectional Study |
| 8 | 16/01/2024 | L-141222/2024 | Dr. Surekha Rathod | Dr Prachi Rathi Dr Supriya Kaule Dr Palak Kasliwal | Crown lengthening module |
| 9 | 17/01/2024 | L-141324/2024 | Dr. Vrushali Lathiya | Dr. Abhay Kolte Dr. Rajashri Kolte Dr. Dhawal Mody | Protocol for evaluation for effect of periodontal therapy on mucous membrane thickening in maxillary sinus in stage 3 periodontitis patients by RVG and CBCT : A Split mouth study. |
| 10 | 8/02/2024 | L-143179/2024 | Dr. Surekha Rathod | Dr. Palak Kasliwal | Effect of herbal based extract in the treatment of chronic periodontitis |
| 11 | 15/02/2024 | L-143549/2024 | Dr. Surekha Rathod | Dr. Pranjali Kaule Dr. Supriya Kaule | Evaluation of antimicrobial activity of polyherbal gel for the treatment of chronic periodontitis. |
| 12 | 22/02/2024 | L-143989/2024 | Dr. Abhay Kolte | Dr. Rajashri Kolte Dr. Siddhi Sonare | Sinus membrane thickness in periodontally healthy and Stage III periodontitis patent and its correlation with anatomical parameters using Cone Beam Computed Tomography. |
| 13 | 23/02/2024 | L-144057/2024 | Dr. Surekha Rathod | Dr. Palak Kasliwal | Effect of Herbal Syzygium cumini seed extract on Periodontal Parameters |
| 14 | 29/02/2024 | L-144446/2024 | Dr. Prachi Rathi | Dr. Pranjali Bawankar Dr. Abhay Kolte | Comparative evaluation of efficacy of DFDBA and DFDBA enriched with vitamin D3 gel in alveolar socket preservation : A clinical , radiographic and histologic study |
| 15 | 01/03/2024 | L-144519/2024 | Dr. Abhay Kolte | Dr. Rajashri Kolte Dr. Tushar Mohota | Comparative evaluation of periodontal status, xerostomia severity and oral health related quality of life in controlled and uncontrolled Type 2 Diabetes Mellitus patients. |
| 16 | 13/03/2024 | L-144771/2024 | Dr. Neha Deshpande | Dr. Abhay Kolte Dr. Rajashri Kolte | Assessment of periodontal health status in patients having metabolic syndrome with and without smoking : a observational study |
| 17 | 19/03/2024 | L-145167/2024 | Dr, Pranjali Bawankar | Dr. Abhay Kolte Sharvari Devikar Rubal Bhiogade | Protocol of evaluation and comparison of antimicrobial efficacy of a novel herbal chewing gum containing neem extracts with doxycycline and chlorhexidine on periodontal pathobioants : An invitro microbiological study. |
| 18 | 03/05/2024 | L-147514/2024 | Dr. Dhanshree Ghoderao | Dr. Surekha Rathod Dr. Abhay Kolte | Assessment of bone resorption distal to mandibular second molar adjacent to third molar: A radiographic study. |
| 19 | 24/06/2024 | L-149651/2024 | Dr. Pranjali Bawankar | Dr. Abhay Kolte Dr. Rajashri Kolte | Questionnaire for assessment of knowledge, awareness and attitude amongst patient with chronic kidney disease about their association with periodontitis. |
| 20 | 27/07/2023 | L-130943/2023 | Dr. Surekha Rathod | Harsh Borundia | Effect of Dashansanskar Mouthwash on Periodontal Paramenters. |
| 21 | 28/07/2023 | L-131131/2023 | Dr. Pranjali Bawankar | Dr Abhay Kolte Mayur Tupte Vaibhav Alone | Protocol for evaluation & Correlation of effect of stage 3 periodontitis on Oral health related quality of life in patients with chronic kidney diseases. |
| 22 | 08/08/2023 | L-131652/2023 | Dr. Surekha Rathod | Dr. Supriya Kaule | Local delivery of herbal picrorhiza kurroa and ficus benghalensis gel as an adjunct to nonsurgical periodontal therapy in chronic periodontitis. |
| 23 | 10/08/2023 | L-131746/2023 | Dr. Surekha Rathod | Dr. Srushti Dhande Dr. Vrushali Lathiya | Assessment of greater palatine foramen position and diameter in Indian population using cone beam computed tomography. |

| Sr. No | Date | Registration ID | Author | Co-Author | Title |
|-----------|------------|-----------------|-----------------------|---------------------------------------|---|
| 24 | 09/10/2023 | L-134451/2023 | Dr. Pranjali Bawankar | Dr. Abhay Kolte | Questionnaire for assessment of Patient reported outcomes and experienced measured and patient satisfaction in Dental Implantology. |
| 25 | 09/10/2023 | L-134464/2023 | Dr. Dhawal Mody | Dr. Abhay Kolte | Palatal masticatory soft tissue thickness and its relation to skeletal profile and |
| | | | | Dr. Vaishnavi Biradar | palatal depth – A Clinico Radiographic Study |
| | | | | Miss Sana Ahmed | Destand for accompany of languages and attitude among nations, with shrapic |
| 26 | 23/10/2023 | L-134314/2023 | Dr. Pranjali Bawankar | Dr. Abhay Kolte | Protocol for assessment of knowledge and attitude among patients with chronic disease about its association with periodontitis and oral health quality of life. |
| | | | | Dr. Rajashri Kolte | |
| 27 | 13/11/2023 | L-136030/2023 | Dr. Prachi Rathi | Dr, Rajashri Kolte Dr. Abhay Kolte | Comparative evaluation of definitive abutment vs conventional abutment disconnection and reconnection on periimplant study : a prospective clinical and radiographic study trial study |
| 28 | 23/11/2023 | L-136733/2023 | Dr. Prachi Rathi | Dr, Abhay Kolte Dr. Rajasjri Kolte | Association of gingival line angle with gingival and interdental smile line: a gender based evaluation |
| 29 | 21/12/2023 | L-139176/2023 | Dr. Pranjali Bawankar | Dr. Abhay Kolte Dr. Rajashri Kolte | Protocol for clinic radiographic evaluation of autogenous symphyseal block graft and cortico cancellous block allograft in the augmentation of deficient maxillary ridges for placement of dental implants. |
| 30 | 27/12/2023 | L-139593/2023 | Dr. Surekha Rathod | Dr. Palak Kasliwal | Evaluation of osteoanabolic effect of Psidium guajava leaf powder: An invitro study |

Achivement - Staff:

Academic:

| Name of Staff | Achievements |
|-----------------------|--|
| | Keynote Speaker at 47th ISP National Conference 2023, Amritsar |
| | Moderator at Diabetes India Oral Health Group Webinar, 2023 |
| | Best Patent Award at Patent and Idea Fest 2023, Nagpur |
| Dr. Abboy Kalta | Keynote Speaker at 16th SPIK Annual Conference 2024 |
| Dr. Abhay Kolte | Resource Person and MUHS Approved Faculty for Basic Research Methodology |
| | Resource Person for MUHS Implant Fellowship Course |
| | Subject Expert for Phd Course in Periodontology at GDC, Nagpur, 2024 |
| | Panel Speaker at DCI IDA National Collaborative Workshop 2024, Mumbai |
| | Judge for Paper presentation at 47th ISP National Conference 2023, Amritsar |
| | Paper presentation at 47th ISP National Conference 2023, Amritsar |
| Dr. Rajashri Kolte | Best Patent Award at Patent and Idea Fest 2023, Nagpur |
| DI. KAJASI III KUILE | Resource Person and MUHS Approved Faculty for Basic Research Methodology |
| | Resource Person for MUHS Implant Fellowship Course |
| | Guide for ICMR STS Grant for Undergraduate Student |
| | Judge for Paper presentation at National ISP Convention 2024, Mumbai |
| | Paper Presentation at National ISP Convention 2024, Mumbai |
| Dr. Cumululus | Resource Person for MUHS Implant Fellowship Course |
| Dr. Surekha Rathod | Resource Person and MUHS Approved Faculty for Basic Research Methodology |
| Ratiou | Guide for ICMR STS Grant for Undergraduate Student |
| | Subject Expert for Implant Fellowship Course at GDC, Nagpur, 2024 |
| | Subject Expert for Phd Synopsis Presentation in Periodontology at SPDC, Wardha, 2024 |
| | Judge for Paper presentation at 47th ISP National Conference 2023, Amritsar |
| Dr. Dhawal Mody | Paper presentation at 47th ISP National Conference 2023, Amritsar |
| DI. DHawai Wouy | Resource Person for MUHS Implant Fellowship Course |
| | Resource Person for MUHS Esthetics and Cosmetic Dentistry Fellowship Course |
| | Judge for Paper presentation at 47th ISP National Conference 2023, Amritsar |
| Dr Kamalkishor | Paper presentation at 47th ISP National Conference 2023, Amritsar |
| Mankar | Resource Person for MUHS Implant Fellowship Course |
| | Resource Person for MUHS Esthetics and Cosmetic Dentistry Fellowship Course |



| Name of Staff | Achievements |
|-------------------|---|
| | Resource Person and MUHS Approved Faculty for Basic Research Methodology |
| Dr. Vrushali | Resource Person for MUHS Implant Fellowship Course |
| Lathiya | Paper presentation at NCHPE 2023, Mumbai |
| | E-Book Published as First Author Titled "Effect of Periodontal Therapy on Schniderian Membrane Thickening" |
| | Resource Person and MUHS Approved Faculty for Basic Research Methodology |
| Dr. Pranjali | Resource Person for MUHS Implant Fellowship Course |
| Bawankar | Judge for Poster presentations at ISP National Conference, Amritsar |
| | Paper and poster presentations at national and international conferences. |
| | Paper presentation at NCHPE 2023, Mumbai |
| Dr. Neha | Resource Person for MUHS Implant Fellowship Course |
| Deshpande | Guest Lecture on Oral Hygiene Awareness at Monfort School, Nagpur |
| | Guest Lecture on Dental Awareness at G H Raisoni Public School, Nagpur |
| | Judge for Paper presentation at 47th ISP National Conference 2023, Amritsar |
| | Paper presentation at 47th ISP National Conference 2023, Amritsar |
| Dr. Dhanashree | Resource Person for MUHS Implant Fellowship Course |
| Ghoderao | Speaker on the topic "Biomedical Waste Management" for Infection Control Committee |
| | Speaker at Shasakiya Punar Niyukti Maji Sainik Sanghatana, Maharashtra Rajya, on topic Oral Health & Diabetes |
| | E-Book Published as First Author Titled "Growth Factors in Periodontology" |
| | Third prize for ISP Essay Competition 2023 |
| Dr. Prachi Rathi | Resource Person for MUHS Implant Fellowship Course |
| | E-Book Published as First Author Titled "Peri-Implant Diseases and Conditions" |
| | Completed Swayam Course on Introduction to Systematic Reviews, 2024 |
| Dr. Vinisha Bajaj | Resource Person for MUHS Implant Fellowship Course |
| | Book Published Titled "Biomaterials in Periodontal Regeneration" |

Achievements –PG Students:

| Sr. No. | Name of Students UG/PG /PHD | Achievements |
|------------|--------------------------------|--|
| 1 | Dr. Prabhnoor Tuli | Award for Best Scientific Poster Presentation (PG) by IDA Annual Awards |
| 2 | Dr. Shefali Mangrolia | Best Patent Award at Patent and Idea Fest 2023, Nagpur First Prize in PG Paper Presentation Category IDA Nidacon 2024 |
| 3 | Dr. Vaishnavi Biradar | First Prize in PG Poster Presentation Category IDA Nidacon 2024 |



DEPARTMENT OF ORTHODONTICS & DENTOFACIAL ORTHOPEDICS



DR. USHA SHENOY Professor & Head



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Institutional Ethics Committee Record (PG):

| Sr. No. | Date of Receipt By IEC | Name of Principal Investigator | Name of Co Investigator | Title of Research Project | Time Period | Date of Approval By IEC | IEC No. | Status of Progress |
|------------|------------------------------|--------------------------------------|----------------------------|--|----------------|-------------------------------|----------------------------------|-----------------------|
| 1 | 19/4/22 | Dr. Mahima Sehgal | Dr Usha Shenoy | Evaluation of the distortion of essix retainersformed from biostar machine using intra oraldigital scanner:An Invitrostudy | 18 Months | 28/04/22 | VSPM/DCRC/IEC/ PG/20 | Completed |
| 2 | 25/05/23 | Dr. Mahima Sehgal | Dr Usha Shenoy | Evaluation of maxillary incisor position andchanges in alveolar bone thickness duringanterior retraction using stable skeletalstructures asreference-Anemoceph study | 6 Months | 26/05/23 | VSPMDCRC/15/23 | Completed |
| 3 | 19/4/22 | Dr. Sanika hakur | Dr Usha Shenoy | In Vivo Evaluation & comparison of forcedegradation of elastomeric chain & amp; elasticmodulein active tiebackduringcanine retraction: Asplitmouthexperimentalstudy | 18 Months | 28/04/22 | VSPM/DCRC/IEC/ PG/19 | Completed |
| 4 | 25/05/23 | Dr. Sanika Thakur | Dr Usha Shenoy | Comparison of Beta, Yen angle, ANB angle andwits appraisal in assessing maxillomandibularrelationinsagittal planeinskeletal class IIcaseswithdifferentgrowthpattern. | 6 Months | 26/05/23 | VSPMDCRC/IEC/ PG/23 | Completed |
| 5 | 19/4/22 | Dr. Jyotshna Shinde | Dr Ananya Hazare | Evaluation of Change in length, volume & fiberOrientation of masseter muscle in growingskeletal class II subjects before & after the useof twin blockappliance. | 18 Months | 28/04/22 | VSPM/DCRC/IEC/ PG/21 | Completed |
| 6 | 20/10/23 | Dr. Jyotshna Shinde | Dr Ananya Hazare | To evaluate the mesiodistal angulations ofmaxillary and mandibular permanent canines,1stpremolar,2ndpremolar,1st molar and 2nd molar inrelation to infraorbital and bigonal planes inAngles Class I, Class II, Class III malocclusionsseenin Panoramic radiographs. | 6 Months | 21/10/23 | VSPM/ DCRC/24/23 | Completed |
| 7 | 21/03/23 | Dr. Chetan Palaskar | D rAnanya Hazare | Generation and validation of a new linearregression equation of mandibular 1st permanentmolar and comparative evaluation for predictiveaccuracy with already established regressionequation of cervical vertebrae – A radiographicstudy. | 18 Months | 27/04/23 | VSPM/DCRC/ IEC/P.G/18 | Ongoing |
| 8 | 21/03/23 | Dr. Manali Jaiswal | Dr Usha Shenoy | Assessmentandcorrelationofinfluenceofairquality index on craniofacial growth pattern amulticitycephalometric city | 18 Months | 27/04/23 | VSPM/DCRC/ IEC/P.G/16 | Ongoing |
| 9 | 21/03/24 | Dr. Aditya Vaidya | Dr Usha Shenoy | Evaluation of the efficacy of Poly lactic CoGlycolic acidas a co-carrier for sustained releaseof parathyroid hormone for Rapid Orthodontictoothmovement-An animalstudy | 18 Months | 27/04/23 | VSPM/DCRC/IEC/ PG/17 | Ongoing |
| 10 | 26/03/24 | Dr. Manika Jaiswal | Dr Ananya Hazare | Assessment and Correlation of Vitamin D levelwith growth status as measured by CVMI andIGF-1level in10- 14yearsoldindividuals. | 18 Months | 13/04/24 | IEC/RDD C&RC/ Dean/15/2024 | Ongoing |
| 11 | 26/03/24 | Dr. Sheetal Sharma | Dr Himija Karia | Quantitative and qualitative assessment ofvariations in dimensions and density of bone inretromolar space in hypodivergent,hyperdivergent and normodivergent cases – aCBCT study | 18 Months | 13/04/24 | IEC/RDD C&RC/ Dean/15/2024 | Ongoing |
| 12 | 26/03/24 | Dr. Shantanu Raut | DrUsha Shenoy | Associationof mid palatal suture with CVMIand mineralization of permanent maxillarycanine and permanent maxillary 2nd molar usingNolla's, tooth development stage innormodivergent, hypo divergent andhyperdivergent growthpatterns-aCBCTstudy | 18 Months | 13/04/24 | IEC/RDD C&RC/ Dean/16/2024 | Ongoing |

Institutional Ethics Committee Record (UG):

| Sr. No. | Date of Receipt By IEC | Name of Principal Investigator | Name of Co Investigator | Title of Research Project | Time Period | Date of Approval By IEC | IEC No. | Status of Progress |
|------------|------------------------------|--------------------------------------|-----------------------------|--|----------------|-------------------------------|-----------------------|-----------------------|
| 1 | 21/10/22 | Raghav Munje | Dr.Sangeeta Bhattacharya | "Evaluation of Software Aided Model Analysis and comparison of the result with traditional Model analysis." | 3 months | | VSPM DCRC/104/2022 | Completed |
| 2 | 07/08/23 | Priyanka Bhagat | Dr.Sangeeta Bhattacharya | "Awareness regarding difficulties in orthodontics treatment." | 2 months | | VSPM DCRC/40/2023 | Completed |



| 3 |
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|---|

Publications Records

| Sr. no | Name of the Faculty | Title | Indexed |
|-----------|--|---|---------|
| 1. | Dr. SharvariKhedkar, Dr. UshaShenoy Dr. AnanyaHazare, Dr. HimijaKaria Dr. Pritam Khorgade, Dr. Sangita Bhattachariya | Color Stability of Different Aesthetic Arch Wires inBeverages Consumed During the COVID-19 Era: An In Vitro Study. | Pubmed |
| 2. | Dr. Sharvari Khedkar, Dr. Usha Shenoy, Dr. Ananya Hazare, Dr. Himija Karia Dr. Pritam Khorgade | Role of Growth Hormone Therapy in Craniofacial Development of Children with or without Growth Hormone Deficiency- A Systematic Review | Pubmed |
| 3. | Dr. Ananya Hazare Dr. Usha Shenoy | Using a Portable Ventilator Airway Screening (PVAS) Device to Evaluate the Difference Between Upper Airway Breathing Pressure and Respiratory Flow in Skeletal Class I and Class II Growing Individuals with Retrognathic Mandible. | Pubmed |

Achivements

Academic : Staff

| Sr. No. | Name Of Staff | Achievements |
|------------|-------------------|--|
| 1. | Dr. Usha Shenoy | SubjectExpert -PhDResearchSynopsismeeting,GDCNagpur(09.02.2024). |
| 2. | Dr. Usha Shenoy | Contribution – National PG Orientation Programme, Sri Aurobindo College of Dentistry, Indore (MP) January (12.01.2024 – 13.01.2024). |
| 3. | Dr. Usha Shenoy | GuidedResearchProject forMaharashtraStateInter-UniversityResearchConvention(16thAVISHKAR)atNashik(12-15,2024). |
| 4. | Dr. Usha Shenoy | Nominated as member on Ad-hoc Board in Faculty of Medicine, Dentistry and Allied Health Sciences for Fellowship Courses, CertifiedCourses and UniversityCourses(03.01.2024). |
| 5. | Dr. Ananya Hazare | GuidedResearchProject forMaharashtraStateInter-UniversityResearchConvention(16thAVISHKAR)atNashik(12-15,2024). |
| 6 | Dr. Himija Karia | Guest Speaker at Word of Dentist "Dental Conclave" 2023(12.08.2023-13.08.2023) |
| 7 | Dr. Himija Karia | Guest Lecture at 57thIOSConference,Meerut.(15.09.2023-17.09.2023) |
| 8 | Dr. Himija Karia | Faculty for Dental Sleep Medicine workshop at IMA Akola.(10.03.2024) |
| 9 | Dr. Himija Karia | Faculty & Panelist for "sleep medicine update", at GMC,Nagpur (16.03.2024) |
| 10 | Dr. Himija Karia | Clinical case presentation at NOSG |

Non Academic:

| Sr. No. | Name Of Staff | Achievements |
|------------|---------------------|---|
| 1. | Dr. Pritam Khorgade | 1st" TugofWar" Staff Category AAVEGH, RDDC.24.02.2024– 07.03.2024 |
| 2. | Dr. Pritam Khorgade | 2nd "Cricket" Staff Category AAVEGH, RDDC.24.02.2024-07.03.2024 |

Academic: Students

| Sr. No. | Name Of Students UG/PG / PHD | Achievements |
|------------|---------------------------------|--|
| 1 | Dhananjay Nagulkar (UG) | Highest Marks in Orthodontics (MUHS) |
| 2 | Dr. Mahima Sehgal (PG) | 2nd prize in paper presentation "Lasers in Orthodontics" at NIDACON AIIMS Nagpur. 17/04/2023 |
| 3 | Dr. Mahima Sehgal (PG) | Successfully cleared IBO Phase II Examination, 28.01.2024 |
| 4 | Dr. Sanika Thakur (PG) | 1st Prize Paper Presentation "Artificial Intelligence" (Sciverse –RDDC,Nagpur), 17/04/2023 |
| 5 | Dr. Sanika Thakur (PG) | Success fully cleared IBO Phase II Examination, 28.01.2024 |

| Sr. No. | Name Of Students UG/PG / PHD | Achievements |
|------------|---------------------------------|--|
| 6 | Dr. Manali Jaiswal (PG) | 3rd Prize at 16th Aavishkar: Maharashtra State Inter-university Research Convention by MUHS, at Nashik, 2023-2024 |
| 7 | Dr. Chetan Palaskar(PG) | 2nd Prize at 16th Aavishkar: Maharashtra State Inter-university Research Convention by MUHS, at Nashik 2023-2024 |
| 8 | Dr. Manika Jaiswal (PG) | 1st Prize Paper Presentation at NIDACON AIIMS Nagpur. 17/04/2023 |
| 9 | Dr. Manika Jaiswal (PG) | 3rd Prize Poster Competitive Category Presentationat PRAGYA -National PG Orientation Programme, 12.01.2024-13.01.2024 |
| 10 | Dr. Sheetal Sharma (PG) | 1st Prize Poster Competitive Category Presentation at PRAGYA -National PG Orientation Programme, 12.01.2024-13.01.2024 |
| 11 | Dr. Sheetal Sharma (PG) | 2nd Prize Poster Competitive Category Presentation at AVEGH, VSPM, 24.02.2024–07.03.2024 |

Non – Academic: Students

| Sr. No. | Name Of Students UG/ PG /PHD | Achievements |
|------------|---------------------------------|--|
| 1. | Dr. Sanika Thakur (PG) | 2nd prize in Singing (Solo) Aavegh AAVEGH, RDDC. 24.02.2024–07.03.2024 |
| 2. | Dr. Manali Jaiswal (PG) | 2nd prize in Dance (Solo) Aavegh AAVEGH, RDDC. 24.02.2024–07.03.2024 |
| 3. | Dr. Aditya Vaidya (PG) | 2nd "Cricket" PG Category AAVEGH, RDDC. 24.02.2024–07.03.2024 |
| 4. | Dr. Aditya Vaidya (PG) | 2nd "Football" PG Category AAVEGH, RDDC. 24.02.2024–07.03.2024 |
| 5. | Dr. Chetan Palaskar (PG) | 2nd "Cricket" PG Category AAVEGH, RDDC. 24.02.2024–07.03.2024 |
| 6. | Dr. Chetan Palaskar (PG) | 2nd "Cricket" Staff Category AAVEGH, RDDC. 24.02.2024–07.03.2024 |
| 7. | Dr. Chetan Palaskar (PG) | 2nd "Football" PG Category AAVEGH, RDDC. 24.02.2024–07.03.2024 |
| 8. | Dr. Sheetal Sharma (PG) | 1st "Cricket" Staff Category AAVEGH, RDDC. 24.02.2024–07.03.2024 |
| 9. | Dr. Shantanu Raut (PG) | 2nd "Cricket" PG Category AAVEGH, RDDC. 24.02.2024–07.03.2024 |
| 10. | Dr. Shantanu Raut (PG) | 2nd "TableTennis" PG Category AAVEGH, RDDC. 24.02.2024–07.03.2024 |
| 11. | Dr. Shantanu Raut (PG) | 2nd "Football" PG Category AAVEGH, RDDC. 24.02.2024–07.03.2024 |

Departmental Achievements:

- Best Departmental Décor for "National Orthodontic Week Celebration" 2023, to create Orthodontic Awareness amongst General Public by IOS.
- Department of Orthodontics conduced CME on Demystifying TMD's by Dr. Sunita Shrivastasv (04.04.2024).
- Department of Orthodontics conduced CDE on ORTHOPRO Evidence Based Treatment Planning by Dr. Gauri Vichare (30.01.2024).
- Dr. Usha Shenoy -Nominated as member on Ad-hoc Board in Faculty of Medicine, Dentistry and Allied Health Sciences for Fellowship Courses, Certified Courses and University Courses.
- Dr. Himija Karia: Nominated as convener of NOSG



DEPARTMENT OF PEDIATRICS & PREVENTIVE DENTISTRY



Dr. Devendra Nagpal Prof & Head of department



Dr. Gagandeep Lamba Reader



Dr. Purva Chaudhari Reader



Dr. Kavita Hotwani Senior lecturer



Dr. Prabhat Singh Senior lecturer



Dr. Pooja Rathi Senior lecturer



Add on course







Out-reach Activities















Children's day

DEPARTMENT OF PEDIATRICS & PREVENTIVE DENTISTRY

Pediatric and Preventive Dentistry department focuses not only on the dental treatment but also on comprehensive oral health care needs of a child from infancy to adulthood. We provide comprehensive, therapeutic as well as preventive care to all children including those requiring special care. Most of the dental diseases and problems have their origin in childhood and hence we focus on nipping the disease in the bud itself by providing quality preventive care and also by educating and motivating the child as well as the parents regarding importance of oral health.

Latest development since last year July 2023 to Jun 2024:

Conducted

- 1 Children's / Pedodontist'sday celebration was organised from 14th November to 14th December 2023. Various activities like greeting card making competition, nukkad natak, quiz competition for parents and interns, screening, caries risk assessment and sealant placement was done at various Anganwadi, school camps.
- 2 Christmas day celebration

Research Profile of department:

Table I: Ongoing research projects/ short-terms studies /thesis

| Sr. No. | Date of Receipt By IEC | Name of Principal Investigator | Name of Co Investigator | Title of Research Project | Time Period | Date of Approval By IEC | IEC No. | Status of Progress |
|------------|------------------------------|--------------------------------------|---|---|----------------|-------------------------------|---|-----------------------|
| 1 | 07.12.23 | Dr.Samiksha Dharampuria | Dr Devendra Nagpal. Dr. Prabhat Singh | Comparative evaluation of virtual reality and conventional distraction in management of gag reflex during maxillary impression in 5-8 year children: Randomized controlled trial. | 6 months | 11-12-23 | IEC/RDDC &RC/ Dean/PG/31/ Nove-2023 | Ongoing |
| 2 | 19.04.22 | Dr. Jayu Gawande | Dr. Gagandeep Lamba Dr Purva Chaudhari | Comparative evaluation of antimicrobial efficacy of Silver Diamine Fluoride (SDF), Atraumatic Restorative Technique (ART) and Silver Modified Atraumatic Restorative Technique (SMART) on Streptococcus mutans count in children: An In Vivo Study | 18 months | 28-4-22 | VSPM DCRC/06/2020 | Ongoing |
| 3 | 15-4-24 | Dr. Jayu Gawande | Dr. Gagandeep Lamba Dr Purva Chaudhari | Interrelation between acquired oral microflora of infant during 48hrs of life: A microbial comparative study | 6 months | 15-4-24 | | Ongoing |
| 3 | 07.12.23 | Dr. Vaishnavi Game | Dr. Devendra Nagpal. | Comapritive evaluation of trans papillary injection technique as a substitute for palatal infiltration during extraction of maxillary primary molars in children aged 5-8 years- A randomized controlled. | 6 months | 11-12-23 | IEC/RDDC &RC/ Dean/PG/32/ Nove-2023 | Ongoing |
| 4 | 21.03.2023 | Dr. Saniya Budhani | Dr. Gagandeep Lamba Dr. Prabhat Singh | Comparitive evaluation of retention of pit and fissure sealant with and without application of 38% silver diamine fluoride in 6-8 year old children: An in vivo study. | 18 months | 27-3-23 | VSPM/DCRC/ IEC/23/2023 | Ongoing |
| 5 | 21.8.23 | Dr. Saniya Budhani | Dr. Gagandeep Lamba Dr. Prabhat Singh | Comparartive evaluation of clown therapy and conventional behavioural management technique on dental anxiety and post operative pain in 6-8 years old children – An experimental study. | 6 months | 21-8-23 | VSPM/DCRC/ /20 | Ongoing |
| 6 | 21.03.2023 | Dr. Juili Dorlikar | Dr Devendra Nagpal. Dr. Pooja Rathi | Comparative evaluation of instrument time, quality of obturation and post-operative pain using Kedo S Plus and Pro AF baby gold rotary file systems for primary molar pulpectomies- Randomized controlled trial. | 18 months | 27-3-23 | VSPM/DCRC/ PG/IEC/22/2023 | Ongoing |

| 7 | 21.2.2024 | Dr. Juili Dorlikar | Dr Devendra Nagpal. Dr. Pooja Rathi | Effect of preoperative use of virtual reality goggle on dental anxiety in 6-8 year old children during restorative treatment: Double blinded randomized controlled trial. | 6 months | 11-12-23 | IEC/RDDC &RC/ Dean/PG/30/ Nove-2023 | Ongoing |
|---|------------|-----------------------|---|--|-----------|----------|---|---------|
| 8 | 21.03.2023 | Dr. Abhilasha Dugad | Dr Purva Chaudhari Dr. Ayushi Gurharikar | Effect of frequently consumed beverages on colour stability and surface roughness of zirconia and bioflex crowns: An in vitro study | 18 months | 27-3-23 | VSPM/DCRC/ PG/IEC/22/2023 | Ongoing |
| 8 | 06.01.2024 | Dr. Abhilasha Dugad | Dr. Purva Chaudhari Dr. Ayushi Gaurharikar | Comparative evaluation of effectiveness of conventional and game based teaching on knowledge and oral hygiene status of children in 7-11 year old | 6 months | 17-1-24 | IEC/RDDC&RC/ PG/IEC/2023/39 | ongoing |

Table II: Completed Research projects, short term studies and thesis:

| Sr. No. | | Name of Principal Investigator | Name of Co Investigator | Title of Research Project | Time Period | Date of Approval By IEC | IEC No. | Status of Progress |
|------------|----------|--------------------------------------|---|---|----------------|-------------------------------|---------------------------------|-----------------------|
| 1. | 28.4.22 | Dr.Samiksha Dharampuria | Dr Devendra Nagpal. Dr. Prabhat Singh | Comparative evaluation of efficacy of lidocaine gel and lidocaine ice button as topical anesthesia for maxillary buccal infiltration technique in children age 6-10 years – randomized cross-over study | 18 months | 28-4-22 | IEC/ VSPMDC&RC /17/22 | Completed |
| 2. | 28.04.22 | Dr. Vaishnavi Game | Dr. Devendra Nagpal. | Evaluation of the effect of different duration of light curing silver diamine fluoride, on the precipitation of silver and fluoride ions,penetration depth and dentine hardness in deciduous teeth- An in vivo study | 18 months | 28-4-22 | VSPM's/ DCRC/ IEC/35/2021 | Completed |

Publications:

| Sr. No. | Title of Publication | Name of the Journal | Name of Author/ Authors |
|------------|--|---|---|
| 1. | Effect of Acupressure on pain during inferior alveolar nerve block injection in children aged 5-10 years old - An experimental study | Journal of acupuncture and meridian studies | Dr. Ayushi Gurharikar, Dr. Devendra Nagpal Dr. Prabhat Singh, Dr. Purva Chaudhari Dr. Kavita Hotwani, Dr. Gagandeep Lamba |
| 2. | Evaluation of the impact of lockdown during the COVID-19 outbreak on dietary habits in children between the age group 2 and 5 years in urban city of Maharashtra | Journal of advances in dental practice | Janhavi Shekhar Gedam Purva Chaudhari |
| 3. | Effect of audio distraction with thermomechanical stimulation on pain perception for inferior alveolar nerve block in children: a randomized clinical trial | Journal of dental anesthesia and painmedicine | Devendra Nagpal, Dharanshi Viral Amlani Pooja Rathi, Kavita Hotwani, Prabhat Singh, Gagandeep Lamba |
| 4. | Development and Evaluation of Two Sugar-free Herbal Lollipops against Streptococcus mutans: An In Vivo Study | International journal of clinical pediatric dentistry | Nikita Nerkar, Gagandeep Lamba, Kavita Hotwani, Purva Chowdhari, Prabhat Singh, Devendra Nagpal |
| 5. | Evaluation of the Behavioral Determinants of Infant Oral Hygiene Practices in a Rural Area | Cureus | Dr. Gagandeep Lamba, Nilima R Thosar, Sandep Khandaitkar, Samrudhi Khondalay |

Department representation at international/ national/state level forum including awards, fellowship, prizes.

| Dr. Devendra Nagpal | 1. Chairperson – Subject expert: In link-nxt MAOC PG activity GDC Nagpur 11th August 2023 Judge: for debate completion dept of Periodontology Oral Hygiene day 1st August 2023 Judge: At institutional level competition of Maharashtra state innovation challenge 14th September 2023 Judge: ISPPD National Essay competition for postgraduates November 2023 E- link fest season 4 Webinar series 1st July to 31st July 2023 by dept of Endodontics RDDCRC Guest speaker - simplified approach as a part of National start up day celebration 19th January 2024, Pedodales 20th PG convention of ISPPD 22nd - 24th February 2024 COPYRIGHT - Comparative evaluation of efficacy of lidocain gel and lidocaine ice button as topical anesthesia for maxillary buccal infiltration technique in children aged 6-10 years:Arandamized cross over study COPYRIGHT - Comparative evaluation of instrument time, quality of obturation and post-operative pain using Kedo S Plus and Pro AF baby gold rotary file systems for primary molar pulpectomies- Randomized controlled trial. COPYRIGHT - Correlation of dietary sugar intake and dental caries experience in preschool children with autism spectrum disorder at tertiary care hospital COPYRIGHT - Artistic work the transitional zone between the skin and the mucous membrane of the lip is the red zone or vermilion zone. |
|---------------------|--|
|---------------------|--|

| Dr. Gagandeep Lamba | Participation in Patent & Idea fest 14th August 2023 guest speaker - 44th ISPPD national conference 27th-29th October 2023 guest speaker - Pedodales 20th PG convention of ISPPD 22nd – 24th February EC member - ISPPD COPYRIGHT - Comparitive evaluation of retention of pit and fissure sealant with and without application of 38% silver diamine fluoride in 6-8 year old children: An in vivo study. COPYRIGHT - Comparative evaluation of clown therapy and conventional Behavioral management technique on dental anxiety and postoperative pain in 6-8 year old children: An experimental study. |
|-----------------------|--|
| Dr. Purva Chaudhari | 1.paper presentation: 44th ISPPD national conference 27th-29th October 2023 |
| Dr. Pooja Rathi | First prize poster presentation "my health my right " competition held by department of pediatric and preventive dentistry ,RDDC RC,Nagpur COPYRIGHT - Creat awearness and improve oral heath in hearing and visually impaired population COPYRIGHT - Aaplya Moukhik Aarogya Badal Bralle Dware Shikhuya!! |
| Dr. Ayushi Gurharikar | 1. CDE program on CDE Program on 'Sedate the dental anxiety' 13th March 2024 |

Outreach activities:

- NANHE KADAM (FOR SCHOOL CHILDREN) School camps are conducted under the 'NANHE KADAM' project. School camp are conducted at the Zilla Parishad School, Bhim Nagar. A total 187 students of 5–12-year age group were screened in the camp where 95 students required dental treatment. Students were brought to the college for treatment weekly with their parents.
- ANMOL MUSKAN is a project started for children visiting Anganwadi's. regular awareness campaign and screening are conducted. Children are demonstrated brushing technique and queries of anganwadi workers and parents pertaining to oral health of children are solved.

DEPARTMENT OF PROSTHODONTICS



DR. USHA RADKE HOD & Professor



DR. NEELAM PANDE Professor



DR. SAEE DESHMUKH Reader



DR. TUSHAR MOWADE Reader



DR. RAJLAKSMI BANERJEE Reader



DR. PRITI JAISWAL Sr. Lecturer



DR. JAYSHREE JOSHI

Reader

DR. OJAS GAJBHIYE Sr. Lecturer



DR. JYOTI SHARMA Sr. Lecturer



DR. ANUJ CHANDAK Reader



DR. RICHA SAHAI Sr. Lecturer



DR. ANITA KAHAR Lecturer



DR. AKHIL RATHI Sr. Lecturer



DR. SAMIDHA PANDE Sr. Lecturer



DR. JAYSHREE CHAHANDE Lecturer



DR. VIJETA GAJBHIYE Sr. Lecturer



Dr. Richa fellow of Pierre Fauchard Academy



Dr. Jaishree Chahande got 2nd Prize in faculty paper at NIDACON



Dr. Neelam Pande awarded for mentoring GURUKUL Session at PG Convention , Chennai



Dr. Priti Jaiswal presented paper at NIDACON



Dr. Anuj Chandak presented a paper at IPS Goa Conference.



Dr. Anita Kahar got 1st prize in IDA Nagpur branch



Dr. Priti Jaiswal Best Emerging Talent Award for the year 2022-2023



Dr. Akhil Rathi as a speaker at RDDC on maxillofacial CDE



Dr. Saee Deshpande subject expert in Prosthodontics for Preparation of Blueprints of BDS Curriculum

DEPARTMENT OF PROSTHODONTICS

Institutional Ethics Committee Record:

Staff:

| Sr No. | Name of Principle Investigator | Name of | Title of Projects | Date of Approval by IEC |
|-----------|-----------------------------------|--|---|--|
| 1 | Dr Ojas Gajbhiye | Co- investigator | Assessment of knowledge, awareness, and practices toward the use of 3D printing in | |
| 2 | Dr. Richa Sahai | | dentistry amongst dental technicians in Central Maharashtra: Across-sectional study Assessment of postgraduate prosthodontist' attitude to the shortened dental arch concept in Nagpur region : a cross sectional study | IEC/VSPMDCRC/08/2023 |
| 3 | | | Evaluation of perceived sources of stress among dental undergraduates of private dental institute and its correlation with academic performance and classroom attendance. | IEC/VSPMDCRC/6/2023 21/08/23 |
| 4 | Dr Anita Kahar | | Comparative evaluation of efficacy of recycled alginate impression material as a polishing agent for heat and cold cure polymethacrylate denture base resin – An in vitro study | IEC/RDDC&RC/ 14/2023 - 11/12/23 |
| 5 | | | Influence of parenting behaviours on the academic performance of First year Dental Undergraduate Students of Nagpur | IEC/RDDC&RC/ Dean/10/2023 |
| 6 | Dr Jayashree Joshi | | Effect of Ni-Cr Alloy Casting Metal Scrap in Various Percentages on its Compressive Strength and Hardness: An in Vitro Study (LTRG Project) | IEC/RDDC&RC/Dean/ 13/2023 23/12/2023 |
| 7 | Dr Priti Jaiswal | | Evaluation and efficacy of tongue print in diagnosing temporomandibular joint disorders. An observational study | IEC/RDDC&RC/Dean/ 26/2024 - 25/06/24 |
| 8 | Dr.Jyoti Sharma | | Efficacy of activated charcoal infused 16% carbamide peroxide and Strawberry (fragaria ananassa) extract serums on surface characteristics of extracted teeth- An Invitro study | #13/883/2024 |
| 9 | | Dr. Smriti Jagdhari Dr. Dhanashree Ghoderao Dr. Kanade | Assessment of primary oral healthcare service delivery framework among community health officers student in Central India | IEC/RDDC& RC/05/2023 |
| 10 | | Dr. Saee Deshmukh Dr. Neelam Pande | Association of readiness for self-directed learning and academic performance amongst final-year dental undergraduates in Prosthodontics | IEC/RDDC&RC/ Dean/12/2024 |
| 11 | Dr. Jaishree | | Project based learning in Prosthodontics: An experiential competency –based learning in dental education | IEC/VSPMDCRC/01/2022 |
| 12 | Chahande | | Case Scenario and role paly in Prosthodontics: Evaluation of patient's communication skills of dental interns | IEC/VSPMDCRC/03/2022 |
| 13 | | | Autobiography of Dental Materials: A Novel Active Learning Module in Dentistry | IEC/VSPMDCRC/02/2022 |
| 14 | | | Evaluative of errors during alginate impression and practicing troubleshooting | |
| 15 | | | Awareness and perception of First year Dental Students about Ragging | IEC/VSPMDCRC/05/2022 |
| 16 | | | Motivational profiles of dental students and their association with study efforts stress and academic performance | IEC/RDDCRC/13/2024 |
| 17 | Dr Saee Deshpande | | Evaluation of oral health related quality of life, masticatory efficiency and patient satisfaction in patients with implant assisted removable cast partial denture: A clinical trial | IEC/RDDCRC/168/2024 |
| 18 | | | Assessment of quality of life in patients suffering from post-COVID mucormycosis after prosthetic rehabilitation | IEC/VSPMDCRC/40/2020 |



Publications Record:

| | Details of | Authors | | | | Nan | ne of Journal | |
|------------|----------------------------------|-----------------------|---|---|--|----------------|---|-------------------------|
| Sr. No. | Publication (Year/vol/pg. | | | Title | Internation | nal | Nationa | l |
| | no) | First Author | Co – Authors | | Pubmed indexed | Non indexed | Pubmed indexed | Non indexed |
| 1 | June 2024 | Dr Saee Deshpande | Dr Neelam Pande | Investigation of quality of life of head and neck cancer patients after prosthetic rehabilitation | JICDRO WoS Indexed | | | |
| 2 | April 2024 | | Dr Saee Deshpande | Prosthetic status and treatment need in Indian Population: A Systematic Review | | | JIDA UGC Care Indexed | |
| 3 | Oct 2023 | Dr Saee Deshpande | | Comparative evaluation of flexural strength of heat cured PMMA repaired with auto polymerized acrylic resin with different surface treatments: an in vitro study | | | IP Annals of Prosthodontics and Restorative Dentistry UGC Care Indexed | |
| 4 | March 2024 | Dr Saee Deshpande | | Comparative evaluation of dimensional accuracy of two commercially available extended pour alginates at various time intervals: an in vitro study | | | IP Annals of Prosthodontics and Restorative Dentistry UGC Care Indexed | |
| 5 | March 2024 | Dr Saee Deshpande | | Comparative evaluation of effectiveness of chemical, mechanical and chemico- mechanical methods of denture cleansing: an in vitro study | | | IP Annals of Prosthodontics and Restorative Dentistry UGC Care Indexed | |
| 6 | Jan-Jun 2024 | Pranali Malekar | Dr Saee Deshpande | Evaluation of efficacy of a training module regarding biohazards associated with materials used in prosthodontics for dental students – A cross-sectional study | | | | JADPR |
| 7 | Jan-Jun 2024 | Dr Saee Deshpande | | Equitable access to oral care services: still a dream or reality? | | | | JADPR |
| 8 | Jan-Jun 2024 | Vrushali Phate | Dr Saee Deshpande | Effect of behavior change plan on the wellness of dental students | | | | JADPR |
| 9 | July-Dec 2023 | Dr Saee Deshpande | | Etiology of temporomandibular disorders: are we missing something? | | | | JADPR |
| 10 | July-Dec 2023 | Vaishnavi Kherde | Dr Saee Deshpande | Evaluation of validity of RED proportion in young adults | | | | JADPR |
| 11 | Feb 2024 | | Dr Ojas Gajbhiye | Synthesis of a Novel Nanocomposite Using Silver Nanoparticles, Sodium Alginate and Papaya Extract and Its Anti-Inflammatory Potential | Korean Journal of Physiology and Pharmacology | | | |
| 12 | Dec 2023 | | Dr Ojas Gajbhiye Dr Sumeet Jalan | Evaluation of Detection of Saliva and Other Contaminants on Impressions: A Machine Learning Approach for Predictive Accuracy and Automatic Detection | Journal of Korean Academy of Psychiatric and Mental Health Nursing | | | |
| 13 | 1. DEC 2023 | | | 1. Book: Full mouth rehabilitation | | | Journal of pharmacy and bioallied sciences | |
| 14 | 2.2024;16:S8- 10 | Dr Richa Sahai | | 2. 3D printing: opening the horizons in dentistry | | | Journal of advanced medical and dental sciences research | Lambert Publications |
| 15 | 3. July 2023, vol 11, issue 7 | | | Evaluation of the effect of implant angulation and impression techniques on implant cast accuracy | | | | |
| 16 | Oct 2023 | Dr Anita Kahar | Dr Jayashree Joshi | Assessment of pattern of partial edentulism and its correlation with age, gender, arch and socioeconomic status | | | International Journal of Medical Research Sciences & Helath | |
| 17 | Aug 2023 | | Dr Saee Deshpande | 80% people aware of oral health connection with systemic health | | | Sciences (IJMHRS) | |
| 18 | November 2023 | Dr Jayashree Joshi | Dr Anita Kahar | Facial Deformity and self concept, a cross sectional study among adolescents | | | JIDA | |
| 19 | | | Dr. Neelam Pande | "Improved fabrication of implant retained auricular prosthesis with digital technologies: A clinical Report" | | | | |

| | Details of | Authors | | | | Nar | ne of Journal | |
|------------|-----------------------------|---------------------------|---|---|---|----------------|---|-------------|
| Sr. No. | | | | Title | Internatior | nal | National | |
| | no) | First Author | Co – Authors | | Pubmed indexed | Non indexed | Pubmed indexed | Non indexed |
| 20 | Jul-Sep 2023; Vol. 13(3) | Vijeta Gajbhiye, | Rajlakshmi Banerjee, Rahul Tekale, Priti Jaiswal, Ruchita Kumbhare | Randomized Clinical Trial for evaluation of efficacy of a tissue displacing impression system in comparison with conventionally used gingivally displacement materials in young adult population. | | | International Journal of Prosthodontics and Restorative Dentistry | |
| 21 | Jan-Mar 2024 | Dr Ruchita S.Kumbhare, | Dr Rajlakshmi Banerjee, Dr Priti Jaiswal, Dr Abhishek Torane, | Clinical Outcomes of Implant-supported Fixed Dental Prosthesis for Full-mouth Rehabilitation Using Different Restorative Materials: A Systematic Review. | | | Indian Journal of Dental Sciences | |
| 22 | 2023, 12(12): 1-10 | | Dr. Jaishree Chahande | Early Clinical Exposure and Near Peer Learning: Leading-edge Effective Teaching- Learning Module in Dentistry | WOS- International Journal of Medical Research & Health Sciences (IJMRHS) | | | |
| 23 | 2023-11-26 | Dr Samidha Pande | | Parents, school teachers should make children aware of dental care | | | | |

Copyright, Patents:

| Sr. No | Date | Registration ID | Author | Co-Author | Title |
|-----------|------------|------------------|---------------------------|---|---|
| 1 | 24/11/23 | 20232102020845 A | Dr Neelam Pande | | A Device to receive full porcelain fused to metal restoration |
| 2 | 3-11-2023 | L-13587/2023 | Dr. Richa Sahai | | Awareness Regarding Periodontal Problems and Their Preventive Measures |
| 3 | 3-11-2023 | L-13587/2023 | Dr. Samidha Pande | | Awareness Regarding Periodontal Problems and Their Preventive Measures |
| 4 | 03/11/2023 | L-135387/2023 | Dr. Priti Jaiswal | Dr. Rajlakshmi Banerjee Dr. Samidha Pande Dr. Richa Sahai | Awareness regarding periodontal problems and their preventive measures. |
| 5 | 31/7/23 | L-131174/2023 | Dr Rajlakshmi Banerjee | | Development of module for improving attitude towards geriatric patients in undergraduate dental students |
| 6 | 9/10/2023 | L-134442 | Dr. Jaishree Chahande | - | "Community Health Officers Training Module to Deliver Primary Oral Health Care Services in Central India: Contributing to The Ayushman Bharat Scheme" |
| 7 | 31/10/2023 | L-135180/2023 | Dr. Jaishree Chahande | - | *Evaluation of patient's satisfaction with regard to the treatment expectations during covid-19 pandemic in Prosthodontics department: Quality indicator in healthcare services" (English, Hindi & Marathi version of questionnaires) |
| 8 | 4/1/2024 | L-140429/2024 | Dr Saee Deshpande | | Clinical guidelines for fabrication of complete denture prosthesis |

C. PUBLICATION & RESEARCH UG/PG/PHD:

Institutional Ethics Committee Record:

Interns:

| Sr No. | | | Title of Projects | Date of Approval by IEC |
|-----------|----------------|------------------|--|----------------------------------|
| 1 | Priynak Jugele | Dr Anita Kahar | Evaluation of awareness and practices regarding self- prescribed antibiotics among general population visiting to healthcare campus of a private institute of Nagpur- A cross sectional study | IEC/VSPMDCRC/51/2024 20/01/24 |
| 2 | Sejal mujariya | | Knowledge, attitude and practice of piezosurgery in implants among dental postgraduates and practitioners in Nagpur region: a cross sectional study | IEC/VSPMDCRC/05/2024 |
| 3 | Gouri Jannawar | Dr Priti Jaiswal | "Knowledge Attitude and Practice of Ergonomics Among Dental Students | IEC/VSPMDCRC/42/2024 |



| Sr No. | Name of Principle Investigator | Name of Co- investigator | Title of Projects | Date of Approval by IEC |
|-----------|-----------------------------------|--|--|-------------------------------|
| 4 | Mrunal Nagpure | Dr Priti Jaiswal | Assessment6 of social media addiction on academic performance in undergraduate dental students in Central India | VSPM/DCRC/IEC/11/2022 |
| 5 | Vishakha Pardhi | Dr Jayashree Joshi | Learning environment perception of dental undergraduates: A Cross sectional study | VSPM/DCRC/IEC/11/2022 |
| 6 | Tejas Parmar | Dr Rajlakshmi | Assesment of awareness about effects of chewing gum amongst undergraduate dental students | VSPM/DCRC/IEC/109 |
| 7 | Parul Patel | Dr Rajlakshmi Banerjee | Knowledge, Attitude and perception about digital adavances in dentistry amongst dental students in Nagpur region | IEC/RDDC &RC/ Dean/47/2024 |
| 8 | Sakshi Jakhotiya Mohit Hassani | Dr Anuj Chandak | An approch to define clinical significance n prosthodonticallytreated patients visiting ranjeet deshmkh dental college and research centre Nagpur | IEC/VSPMDCRC/39/2024 |
| 9 | Vrushali Jogi | Dr Neelam Pande Dr. Jaishree Chahande | Assessment of time management among dental undergraduates and postgraduate students | IEC/VSPMDCRC/34/2024 |
| 10 | Aditya Chavan | Dr Ojas Gajbhiye | Knowledge and attitude towards Prosthodontics rehabilitation and utilisation of dental services by population of Nagpur city, India – Cross sectional study | IEC/RDDC&RC/38/2024 |
| 11 | Rasika Mate | Dr Samidha Pande | Acquaintance about dental photography among dental postgraduate students in dental college of Nagpur region. | IEC/RDDC &RC/ Dean/47/2024 |
| 13 | Sakshi Jakhotia | Dr Anuj Chandak | Minimal important difference in OHIP – 14 scores in prosthodontics pre-and post denture treatment | IEC/VSPMDCRC/34/2024 |
| 14 | Dhananjay Nagulkar | Dr Akhil Rathi | Assessment of knowledge and awareness of Artificial Intelligence (AI) technology in Implant placement among Dental Interns, Postgraduate Students and Dental Practitioners in Nagpur city. | IEC/VSPMDCRC/50/2024 |
| 15 | Dimpal Jambhulkar | Dr Jaishree Chahande | Effectiveness of various naturopathic treatment modalities to manage gag reflex during dental treatment: Analytical experimental study. | IEC/VSPMDCRC/50/2024 |
| 16 | Pratiksha Dhadse | Dr Jaishree Chahande | Knowledge and awareness about ozone therapy in dentistry among dental students | IEC/VSPMDCRC/39/2024 |
| 17 | Samaksh Jaiswal | Dr. Neelam Pande & Dr. Jaishree Chahande | Questionnaire based survey to assess the knowledge and awarenesssof dental staining in complete denture wearers. | IEC/VSPMDCRC /107/2022 |
| 18 | Sharvari Patole | Dr Jaishree Chahande | Assessment of awareness regarding maxillofacial prosthodontics among medical practitioners | IEC/VSPMDCRC /45/2023 |
| 19 | Richa Tarale | Rameshwari Sidam Duhita Sakharkar Dr. Jaishree Chahande | Knowledge and awareness of general public about quackery (street dentistry) in rural areas in central India | IEC/VSPMDCRC/10/2023 |
| 20 | Aditya Jape | Dr. Jaishree Chahande | Assessment and perception of dental management of thrombocytopenic patients amongst dental undergraduate students. | IEC/VSPMDCRC /108/2022 |
| 21 | Samaksh Jaiswal | Dr. Neelam Pande & Dr. Jaishree Chahande | Questionnaire based survey to assess the knowledge and awarenesssof dental staining in complete denture wearers. | IEC/VSPMDCRC /107/2022 |
| 22 | Shivani Golar | Dr. Jaishree Chahande | Knowledge and awareness about effects of caffeine consumption on oral and systemic health amongst dental students | IEC/VSPMDCRC /08/2023 |
| 23 | Akanksha Deo | Soumya Choudhary Shreya Chourasia Dr. Jaishree Chahande | Knowledge and Awareness of Hollywood Smile among Undergraduate Health Care Students at VSPM DCRC, NKPSIMS, VSPM COLLEGE OF PHYSIOTHERAPY, VSPM COLLEGE OF NURSING | IEC/VSPMDCRC /08/2023 |

UG Students

| Sr No. | Name of Principle Investigator | Name of Co- investigator | Title of Projects | Date of Approval by IEC |
|-----------|-----------------------------------|-----------------------------|---|---|
| 1 | Durvi shejpal | | The influence of kidney stone on dental calculus formation and oral health status among patients in nagpur: a cross sectional study | |
| 2 | Deepal Gaidhane | Lir Anita Kanar | Assessment of knowledge & awareness regarding Hepatitis B vaccination among preclinical dental students- A cross sectional study | IEC/ VSPMDCRC/116/2022 dt- 21/08/23 |

| Sr No. | Name of Principle Investigator | Name of Co- investigator | Title of Projects | Date of Approval by IEC |
|-----------|-----------------------------------|-----------------------------|---|--|
| 3 | Tanvi Rahangadale | Dr Anita Kahar | Assessment of smartphone addiction and its associated behaviours among undergraduate dental students - A cross sectional study | IEC/ VSPMDCRC/116/2022 dt- 21/08/23 |
| 4 | Saloni Takarkhede | Dr Anita Kahar | Assessment of knowledge, immunization awareness and practice regarding Hepatitis B virus infection among dental undergraduates- A cross sectional study | IEC/ VSPMDCRC/13/2023 dt- 21/08/23 |
| 5 | Venus Kale | Dr Jayashree Joshi | Effect of oral health education on the knowledge, Attitude and practices of 12-16 years school going children from Nagpur, Maharashtra | IEC/ VSPMDCRC/20/2023 |
| 6 | Bhumi Khandelwal | Dr Anuj Chandak | To evaluate and compare setting time and compressive strength of recycled gypsum from hospital waste with commercially available gypsum products- A in vitro study | IEC/ VSPMDCRC/06/2023 |
| 7 | Deepal Gaidhane | Dr Jayashree Joshi | Effect of oral health education on the knowledge of parents regarding management of traumatic dental injuries among children | IEC/ VSPMDCRC/14/2024 |
| 8 | Tanvi Rahangdle | Dr Anita Kahar | Evaluation and comparison of knowledge and attitude regarding us of tobacco, gutkha, panmasala, areca nut among rural and urban school going adolescents of Nagpur. | IEC/ VSPMDCRC/12/2024 dt- 25/06/24 June 24 |
| 9 | Tanvi yerunkar | Dr richa sahai | Relationship between adult oral health literacy and socio-demographic factors regarding prosthetic treatment choices among the geriatric patients using relamd-30 | IEC/ VSPMDCRC/22/2024 |
| 10 | Shruti mahalle | Dr. Samidha pande | Effect of use of xylitol chewing gums on the salivary flow and periodontal health in patients with diabetes mellitus | IEC/ VSPMDCRC/08/2024 |
| 11 | Aayesha Shaikh | Dr Priti Jaiswal | The Effect of edentulism on temporomandibular joint disorder and its correlation with CBCT findings: An observational study." | IEC/ VSPMDCRC/18/2024 dt- 25/06/24 June 24 |
| 12 | Mansi Isarka | Dr Rajlakshmi Banerjee | Efeect on Pulmonary function in patients with OSMF with smokers and non smokers | IEC/ VSPMDCRC/34/2024 |
| 13 | Aayesha Shaikh | Dr Priti Jaiswal | The Effect of edentulism on temporomandibular joint disorder and its correlation with CBCT findings: An observational study." | IEC/ VSPMDCRC/18/2024 dt- 25/06/24 June 24 |
| 14 | Aditi Bhaiya | Dr. Akhil Rathi | Comparative efficacy of Aceclofenac andHerbal/Ayurvedic analgesic on pain intensity after dental procedure: A randomized control trial. | IEC/ VSPMDCRC/41/2024 |
| 15 | Nidhi Bhandari | Dr Kalyani Deshmukh | Evaluation and correlation between age, gender and Inter- formina distance in mandibular region for dental implant placement in Indian population- A CBCT Analysis | IEC/ VSPMDCRC/01/2024 |
| 16 | Miss. Rujvi Pimpley | Dr. Saee Deshpande | Evaluation of oral health status and barriers in access to oral care services among LGBTQ community: An exploratory study. | IEC/ VSPMDCRC/28/2024 |
| 17 | Aditi Akulwar | Dr. Jaishree Chahande | A comprehensive assessment of oral health, nutritional status and treatment needs of geriatric population of old age homes of Nagpur city, India- Analytical Interventional Study | IEC/ VSPMDCRC/05/2024 |
| 18 | Nidhi Rewatkar | Dr. Vijeta Gajbhiye | Comparative evaluation of Moringa Oleifera, Clitoria Terneatea and Triphala Mouthwash with 0.2% Chlorhexidine Gluconate Mouthwash in prevention of plaque and gingivitis: A clinical Study. | IEC/ VSPMDCRC/142/2024 |
| 19 | Rashmi Dubey | Dr. Neelam Pande | Recycling of dry leaves accumulated in college campus for manufacturing paper: A qualitative experimental study | 24/6/2024 |
| 20 | Fauzia Hasan | Dr. Saee Deshpande | Evaluation of relationship between screen time, physical activity and temporomandibular disorders in adolescents: A cross sectional survey | IEC/RDDC&RC/ Dean/05/2024 |
| 21 | Dishti D Bachar | Dr. Anuj Chandak | Topic- "Effect of oil pulling on plaque induced gingivitis in diabetic patients-An In vivo study" | IEC/RDDC&RC/ Dean/03/2024 |
| 22 | Oshmi Jain | Dr Jaishree Chahande | Correlation between Alcohol use disorder and its detrimental effects on Oral Health: A cross sectional comparative study | Dental/RDDC: IEC/1680/2023 |

PG Students:

| Sr No. | Name of Principle Investigator | Name of Co- investigator | Title of Projects | Date of Approval by IEC |
|-----------|-----------------------------------|-----------------------------|--|--|
| | | | Effects of Surface treatments on tensile bond strength of resin modified glass ionomer cement to prepared tooth surface and zirconia crowns-a systematic review | 17/04/2023 CRD42022342439 |
| 1 | Dr Radha Goverdhan | Dr Neelam Pande | Student satisfaction in the context of a dental post graduate prgramme in Vidharbha region -an in vitro study | 21/10/2023 IEC/ VSPMDCRC/26/2023 |

| Sr No. | Name of Principle Investigator | Name of Co- investigator | Title of Projects | Date of Approval by IEC |
|-----------|-----------------------------------|--|---|---|
| 2 | Dr. Ruchita | Dr. Rajlakshmi | Clinical outcomes of full mouth rehabilitation with implant supported fixed dental prosthesis using different restorative materials: A systematic review | 17/04/2023 CRD42022342795 |
| 2 | kumbhare | Banerjee | Knowledge, attitude and practice about digital smile designing for aesthetic rehabilitation amongst dental post graduate students – A Questionnaire based study. | 30/05/2024 IEC/RDDC/2024 |
| | | | Clinical outcomes of implant supported prosthetic rehabilitation of severely atrophic maxilla: a systematic review | 18/04/2023 CRD42022341464 |
| 3 | Dr. Shachi Alsi | Dr. Saee Deshpande | Design and development of a Compact Dental Surveyor. | 11/09/2023 IEC/ VSPMDCRC/23/202 |
| 4 | Dr Reena Nagrare Dr. AnujChandak | | Evaluation of knowledge and practice of esthetic dentistry amongst the practicing dentist and post graduate students in Vidharbha region, India- A questionnaire study | IEC/VSPMDCRC/ PG/08/2023 10/01/2023 |
| 4 | Di Reena Nagrare | DI. Anujonanuak | Relationship of severity and types of temporomandibular joint disorders and oral health related quality of life: a cross sectional study | 05/06/24 IEC/ VSPMDCRE/05/202 |
| | | | Comparative evaluation of tensile bond strength of Polyetheretherketone (PEEK) posts using two different luting cements - An in vitro study | 27/04/2023 IEC/ VSPMDCRC/4/2023 |
| 5 | Dr Krutika Borle | Dr Neelam Pande | Clinical outcomes of post endodontic restorations – A systematic Review and meta-analysis | 29/06/23 CRD42023 437547 |
| | | | Evaluation of oral stereognosis ability (OSA) in partially edentulous and dentulous patients – an Observational Analytical Study. | 26/05/2023 IEC/VSPMDCRC/ 11/2023 |
| D | | Dr Rajlakshmi | Dental students' satisfaction regarding team- based learning (TBL) methodology in Prosthodontics- A Questionnaire based study | 12/06/2023 IEC/ VSPMDCRC/18/202 |
| 6 | Banerjee K | | Knowledge and awareness of application of Prosthodontics in forensic dentistry amongst dentist in Nagpur- A questionnaire based cross-sectional Study. | 20/07/2024 IEC/RDDC7RC/ Dean/07/2024 |
| | | Nanotechnology in Prosthodontics- Library dissertation | | 12/06/2023 |
| 7 | Dr Utkarsh Ande | Dr. Anuj Chandak | Assessment of knowledge, attitude, and practice of antibiotic usage amongst undergraduate, interns and postgraduate students-A Questionnaire based study. | 13/06/2023 EC/NEW/ INST/2020/687 |
| | | | Comparative evaluation of three different disinfectants for disinfection of polyvinyl siloxane impression material. | IEC/ VSPMDCRC/2/2023 |
| 8 | Dr. Abhishek Torane | Dr. Saee Deshpande | Comprehensive assessment of dentists' knowledge and awareness about surgical template used in implant surgeries: A questionnaire-based study. | IEC/ VSPMDCRC/20/202 |
| | | Desriparide | Knowledge , Attitude & awareness of Digital dentures amongst Dentists. | IEC/RDDC&RC/ Dean/41/2024 |
| | | | Comparative evaluation of effect of thermocycling on impact strength of 3D printed and conventional heat cured- polymethylmethacrylate denture base resin: An invitro study | IEC/RDDC&RC/ Dean/2/2024 |
| 9. | Dr Shreya Kukreja | Dr. Neelam Pande | Patient satisfaction and clinical outcomes following implant supported fixed restorative treatment in the esthetic zone: A systematic review | CRD42024545993 |
| | | | Comparative evaluation between different facial anthropometric measurements with the mesiodistal width of the maxillary anterior teeth: An Observational Study | IEC/RDDC&RC/ Dean/5/2024 |
| | | | Comparative evaluation of Patient Satisfaction and Clinical Efficiency With Conventionally and Digitally Fabricated Removable Partial Denture – An Non- Randomized Cross- Over Clinical Trial. | EC/NEW/ INST/2020/687 |
| 10 | Dr. Pranoti Ranit | Dr. Anuj Chandak | Accuracy of extraoral scanners in prosthodontics | Library Dessertation |
| | | | Development and Validation of questionnaire to measure patient's satisfaction with removable partial denture. | ECR/885/Inst/ MH/2017/RR-21 |
| | | | Comparative evaluation of effect of chromogens on colour stability of two different indirect gingival composites resins – an invitro study | 14/06/2024 IEC/RDDC&RC/D1 PG/24 |
| 11 | Dr. Shreyas Ingle | Dr. N.A. Pande | Is there an association between sleep bruxism and obstructive sleep apnea syndrome in adults : A Systematic review | 24/05/2024 CRD42024545789 |
| | | | Assessment of xerostomia in general population : a questionnaire study as a screening tool for hyposalivation | 24/06/2024 RDDC&RC/IEC/PG/ JUNE/2024/61 |

| Sr No. | Name of Principle Investigator | Name of Co- investigator | Title of Projects | Date of Approval by IEC |
|-----------|-----------------------------------|-----------------------------|---|--|
| | | | Comparative evaluation of the impact of the intra-oral scanner and scan strategy on the scan accuracy of dentulous arches- An in-vitro study. | IEC/RDDC7RC/ Dean/06/2024 |
| 12 | Dr. Dheeraj Bhoyar | Dr. Saee Deshpande | Accuracy of different scan strategies for intraoral scan of complete and partial dentulous arches Systematic Review | CRD42024545802 |
| | | Desirpande | Knowledge, attitude, and practice regarding intraoral scanners among prosthodontist in central India. | 05/06/2024 RDDC/RC/IEC/PG/ MAY/2024.23 |
| | | | Comparative evaluation of antimicrobial efficacy and colour stability of denture base rein incorporated with different herbal antimicrobial agents – an in vitro study | 14/06/2024 IEC/RDDC&RC/ Dean/03/2024 |
| 13 | Dr. Srushti Ghagas | Dr. Saee Deshpande | Functional outcome and quality of life following prosthetic rehabilitation of maxillofacial defects: A systematic review | CRD42019139516 |
| | | | Evaluation of influence of demographic factors on oral health related quality of life after prosthetic treatment of geriatric patients visiting dental college. | 05/06/2024 RDDC/RC/IEC/PG/ MAY/2024/22 |
| 14 | Dr.Shikha Chhangani | | Comparative evaluation of effect of two different chromatogens on color stability of CAD/CAM milled polyether etherketone (PEEK) and polymethymethacrylate (PMMA) as denture base materials after thermocycling –An invitro study | IEC/RDDC7RC/ Dean/4/2024 |
| | Ginangan | | Color stability of restorative materials of fixed Prosthodontics- A systematic review | - |

PhD students:

| Sr No. | Name of Principle Investigator | Name of Co- investigator | Title of Projects | Date of Approval by IEC |
|-----------|-----------------------------------|-----------------------------|---|-----------------------------------|
| 1 | Dr Rajlakshmi Banerjee | Dr Usha Radke | Effect of two different antioxidant therapies on the implant stability and crestal bone loss in smokers and non- smokers: A RCT | 16/4/2022 IEC/VSPMDCRC/02/2023 |
| 2 | Dr Saee Deshpande | Dr Neelam Pande | Assessment of Risk Factors and their association with Clinical Manifestations and oral Health Related Quality of Life in Patients with Temporo-Mandibular Disorders in Indian population: A Case-Control Study | 16/4/2022 IEC/VSPMDCRC/04/2023 |
| 3 | Dr Anuj Chandak | Dr Neelam Pande | Accuracy of guided implant surgery in immediate vs delayed implant placement: An in vivo study | 16/4/2022 IEC/VSPMDCRC/06/2023 |
| 4 | Dr Niraja Jaiswal | Dr Neelam Pande | Assessment of reliability of anthropometric measurements accepted in dentate population to establish VDO in completely edentulous patients: A cross sectional study | 16/4/2022 IEC/VSPMDCRC/05/2023 |
| 5 | Dr Yogesh Ingole | Dr Usha Radke | Comparative evaluation of occlusal wear of CAD CAM fabricated zirconia, zirconia reinforced lithium silicate, graphene crowns and their antagonist natural teeth at 3 different time intervals: A prospective in vivo study | 16/4/2022 IEC/VSPMDCRC/03/2023 |
| 6 | Dr Tushar Mowade | Dr Usha Radke | Development of novel implant abutment connection design and evaluation of its effect on implant abutment joint stability: An in vitro study and FEA | 16/4/2022 IEC/VSPMDCRC/01/2023 |

UG Publication:

| | | Authors | | | Name of Journal | | | |
|------------|---|-------------------|--------------------------------------|---|-------------------|----------------|----------------|----------------|
| Sr. No. | Details of Publication (Year/vol/pg. no) | First Author | Co – Authors | itle | International | | National | |
| | (| | | | Pubmed indexed | Non indexed | Pubmed indexed | Non indexed |
| 1 | Clinical Dentistry November 2023; XVII; 12-17 | Kshitija Pandhare | Dr Anita Kahar Dr Jayashree Joshi | Assessment of dental student's satisfaction towards online learning in the face of COVID-19 pandemic. | | | | \checkmark |
| 2 | Clinical Dentistry April 2024; XVIII; 12-19 | Rishita Akre | Dr Anita Kahar Dr Jayashree Joshi | Assessment of awareness and practices about oral hygiene among general public of Nagpur city-a cross sectional survey | | | | \checkmark |

Achievements: Resource faculty:

Dr. Neelma Pande

• Guest speaker at GDCH. Mumbai om innovative teaching and learning.



Dr. Saee Deshmukh

• Speaker at DET workshop at Mumbai on competency based education

Dr. Akhil Rathi

• Speaker at CDE program on Maxillofacial defect

Publications: 30, 7 copyrights and 1 patent

CDE's organized:-

- State level conference on full mouth rehabilitation on 21st April 2024
- International webinar on anterior esthetics by Prof Dr. Seow Liang on 19/1/24
- Best Department Award received on 26th Jan 2024 ar ranjeet Deshmukh Dental College and Research Center, Nagpur.

DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS



DR. PRATIMA SHENOI Professor & HOD



DR. RAJESH KUBDE Professor



DR. CHETANA MAKADE Associate Professor



DR.VANDANA KOKANE Associate Professor



DR. GAUTAM BADOLE Associate Professor



DR. MOHIT GUNWAL Associate Professor



DR. PRATIK BURAD Senior Lecturer



DR. ANKITA RAMTEKE Senior Lecturer



DR. LEENA BELSARE Senior Lecturer



DR. AISHWARYA AKOTKAR Lecturer



DR. SHRIYA SHAHU Lecturer



DR. VARSHA UTTARWAR Lecturer



DR. VIDYA MOKHADE Lecturer



DR. PRAJAKTA AMBULKAR Lecturer





Faculty for Advanced research methodology at GMC, GDC, Ayurvedic college





Advanced endodontic workshop 2024



1st National Student Exchange program 2023 Conducted by Department of Conservative dentistry





Organsied free link fest one hour one month



Workshop on 'Mastering Class II Resin Composite Restoration'





CDE on 'Theory Examination Simplified'



Tree plantation , Walkathon organized on occasion of ENDO-CONS week



Judging IACDE Excellence Awards 2023



PhD degree award at MUHS Nashik

DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

Brief profile of the Department: Department of Conservative Dentistry and Endodontics, is endowed with committed, earnest and experienced faculty all of whom along with the student are devoted to provide a holistic contemporary restorative treatment to the community. Their primary focus is also to spread cognizance among the masses in prevention of oral diseases and rehabilitation of diseased or loss tooth structure. A centre of excellence is also being developed to acquaint and upskill the post graduate students about contemporary endodontic treatment modalities. Department also runs a structured programme to upskill the interns to face the newer challenges in clinical practice. The department is equipped with hard tissue laser, endodontic microscopes and bleaching unit along with all other latest equipment to provide world class treatment modalities at reasonable costs to all. Research activities are promoted in the department and have sufficient publications, copyrights, patent publications and books contribution from the faculty and postgraduates. E link fest, one of its kind webinar series everyday for one hour in the month of July was conducted with the theme of 'E link fest with Sprouting Endostar' with 1086 registrations from all over the country. Department also organized "SPRUZ-UP Guiding professional Gen X' a value added course for overall personality development of the students.

Latest development since last year July 23 to June 24:

- 1st National Student Exchange program 2023 Conducted by Department of Conservative dentistry and Endodontics, RDDCRC, Nagpur.
- IACDE Appreciation Awarded to the Department of Conservative dentistry and Endodontics, RDDCRC, Nagpur for successful Conduction of Student Exchange program 2023 at 38th IACDE National conference 2023, 1st to 3rd Dec 2023, Kolkata
- Department of Conservative dentistry and Endodontics holds 12 Study Published in Various National & International Publication, 5 Copyrights and 3 Patent
- Dr. Chetana Makade, Awarded Phd & She is Editor &Author for Book Futuristic Trends in Medical Sciences
- Online Webinar Series E-Link Fest 2022 Season 4 from 1st 30th July 2023.
- Organized advanced endo workshop.
- Organized "SPRUZ-UP Guiding professional Gen X' a value added course for overall personality development of the students.
- Organized 'Evolve' an add-on course for interns to upgrade their professional skills

Research:

| Sr. No. | Date of Receipt By IEC | Name of Principal Investigator | Name of Co Investigator | Title of Research Project | Time Period | Date of Approval By IEC | IEC No. | Status of Progress | Academic Presentation/ Publication if any |
|------------|------------------------------|--------------------------------------|----------------------------|---|----------------|-------------------------------|---------------------------------------|-----------------------|---|
| 1 | 17/01/24 | Dr. Simran Gupta | Dr. Chetana Makade | Comparative evaluation of surface roughness and colour stability of four different type of composite resin restoration after application of desensitizing agents- A spectrophotometric study | 3 months | 20/01/24 | IEC/ RDDCR&RC/ DEAN/ 38/2024 | Completed | Accepeted in JCDR Journal Presented as Paper presentation in EndoVista 2024, Mumbai |

| Sr. No. | Date of Receipt By IEC | Name of Principal Investigator | Name of Co Investigator | Title of Research Project | Time Period | Date of Approval By IEC | IEC No. | Status of Progress | Academic Presentation/ Publication if any |
|------------|------------------------------|--------------------------------------|---|--|----------------|-------------------------------|--------------------------------------|-----------------------|--|
| 2 | 31/05/24 | Dr. Prachi Choudhari | Dr. Pratima Shenoi | Comparative evaluation of marginal fit and internal adaptation of inlays fabricated using conventional, CAD-CAM and 3D printing technique. | 2 months | 15/06/24 | IEC/ RDDC&RC/ Dean/ 31/2024 | Completed | |
| 3. | 13/04/24 | Dr. Aditi Dhanvijay | Dr. Rajesh Kubde | Evaluation of Dentinal Tubule Penetration of Bioceramic Sealer following the use of BioC Temp, UltraCal XS and Triple Antibiotic Paste as Intracanal Medicament | 3 months | 15/04/24 | IEC/ RDDC&RC/ Dean/ 04/2024 | Complete | - |
| 4. | 13/04/24 | Sagarika Sortey | Dr. Gautam Badole | Comparative Evaluation of the Effect of Pre- treatment of Dentin using Chitosan and Grape seed extract on Microtensile Bond Strength of Composite Resins: An In Vitro Study | 2 months | 14/04/24 | IEC/ RDDC&RC/ DEAN/ 14/2024 | Completed | - |
| 5. | 17/01/24 | Dr. Shweta Rathi | Dr. Pratima Shenoi | Comparative Assessment of Structural Integrity and Operational Time taken for Class I restoration Using Stamp Technique | 6 months | 20/01//24 | IEC/ RDDC&RC/ DEAN/ 36/2024 | Completed | Paper presentation in ENDOVISTA 2024 |
| 6. | 13/04/24 | Dr. Shweta Rathi | Dr. Rajesh Kubde | Comparative Assessment of three irrigation activation techniques on postoperative pain after endodontic treatment a randomized controlled trial | 06 months | 15/04/24 | IEC/ RDDC&RC/ Dean/ 09/2024 | Ongoing | |
| 7. | 17/01/24 | Dr.Sayali Ukey | Dr. Rajesh Kubde | Knowledge, Attitude and Practices of use of Electronic Apex Locators amongst General Dental Practitioners and Endodontists in Nagpur city: A questionnaire-based study. | 2 months | 20/01/24 | IEC/ RDDC&RC/ DEAN/ 33/2024 | Completed | |
| 8. | 13/04/24 | Dr. Sayali Ukey | Dr. Pratima Shenoi, Dr. Rajesh Kubde | Comparative evaluation of three different techniques on reduction in microbial load after endodontic treatment: a randomized controlled trial | 6 months | 15/04/24 | IEC/ RDDC&RC/ DEAN/ 15/2024 | Ongoing | |
| 9. | 13/04/24 | Dr. Jayendra Desai | Dr. Rajesh Kubde | Comparative Evaluation of the fracture resistance of single rooted mandibular first premolars instrumented with hand k files, single and sequential reciprocating NITI file systems: An in vitro study | 18 months | 28/03/24 | IEC/ RDDC&RC/ DEAN/ 11/2024 | Ongoing | |
| 10. | 13/04/24 | Dr.Shefali Giri | Dr.Gautam Badole | Comparative evaluation of microleakage and pushout bond strength of conventional MTA and modified MTA with Hyaluronic acid as a retrograde filling material: an In-vitro study | 18 months | 28/3/24 | IEC/ RDDC&RC/ DEAN/ 09/2024 | Ongoing | |
| 11. | 13/04/24 | Dr. Bhumika Vaswani | Dr. Pratima Shenoi | Comparative Evaluation of The Efficiency of Three Different Retreatment File Systems During Endodontic Retreatment Procedures - An In Vitro Study | 18 months | 28/3/24 | IEC/ RDDC&RC/ DEAN/ 08/2024 | Ongoing | |
| 12. | 13/04/24 | Dr. Urja Mali | Dr. Mohit Gunwal | Assessment Of Clinical Performance of Resin Modified Glass Ionomer Cement, Nanohybrid and Nanofilled Single Shade Composites | 18 months | 28/3/24 | IEC/ RDDC&RC/ DEAN/ 10/2024 | Ongoing | |
| 13. | 13/04/24 | Dr. Anushree Pawar | Dr Chetana Makade | Comparative evaluation of the depth of penetration of universal bonding agent and shear bond strength of nanohybrid composite resin after four different etching protocols: An in vitro study | 18 months | 28/3/24 | IEC/ RDDC&RC/ DEAN/ 12/2024 | Ongoing | |
| 14. | 13/04/24 | Dr Sunayana Bidave | Dr Vandana kokanee | Comparative evaluation of microleakage and pushout bond strength of conventional MTA, MTA with Titaninum Dioxide nanoparticles and MTA with silver Nanoparticles as a retrograde filling material: an in vitro study | 18 months | 28/3/24 | IEC/ RDDC&RC/ DEAN/ 07/2024 | Ongoing | |
| 15 | 19/08/23 | Khushi Shah | Dr.Kushal Fuladi | Assessment of challenges faced by fresh undergraduates during initial management of Endodontic patients in Vidarbha region of Maharashtra | 3 month s | 21/08/23 | IEC/ VSPMDCRC/ 34/2023 | Completed | - |

| Sr. No. | Date of Receipt By IEC | Name of Principal Investigator | Name of Co Investigator | Title of Research Project | Time Period | Date of Approval By IEC | IEC No. | Status of Progress | Academic Presentation/ Publication if any |
|------------|------------------------------|--------------------------------------|------------------------------|--|----------------|-------------------------------|--------------------------------------|-----------------------|--|
| 16 | 11/09/23 | Samruddhi Kakade | Dr. Aishwariya Akothar | To assess Knowledge, perception and attitude of interns, postgraduate students and general practioners towards minimally invasive dentistry in Central India. | 3 month s | 12/09/23 | IEC/ VSPMDCRC/ 43/2023 | Completed | |
| 17 | 19/08/23 | Nita Shahare | Dr. Varsha Uttarwar | Unraveling the enigma—understanding the factors affecting the students non attendance of clasess in institutions of health science. | 02 months | 21/08/23 | IEC/ VSPMDCRC/ 29/2023 | Completed | |
| 18 | 07/12/23 | Juhi Mishra | Dr. Shriya Shahu | Preception and awareness of oral manifestation of systemic conditions amongst medical interns in central India. | 03 months | 11/12/23 | IEC/ VSPMDCRC/ 35/2023 | Completed | |
| 19 | 19/08/23 | Yash Shete | Dr. Vidya Mokha de | Knowledge, assessment and preception regarding use of tofflemire retainer among Dental Students | 03 Months | 21/08/23 | IEC/ VSPMDCRC/ 36/ 2023 | Completed | |
| 20 | 17/01/24 | Dr. Vandana Kokane | - | Assessing the inffluence of early exposure on GRIT of Nagpur city | 1 Month | 20/01/14 | IEC/ RDDC&RC/ Dean /23/2024 | Completed | - |

PUBLICATION:

| | | Authors | | | Name of Jour | nal | | | Impact factor |
|------------|--|-----------------------------|--|--|---------------------------------------|----------------|---|----------------|------------------|
| | Details of | | | | Internati | onal | Natio | nal | |
| Sr. No. | Publication (Year/ vol/pg. no) | First Author | Co – Authors | Title | Indexed PIUBMED/ WOS/ Scopus | Non indexed | Pubmed indexed PIUBMED/ WOS/ Scopus | Non indexed | |
| 1. | World Journal Dentistry 2024 April, Vol 15 Issue 3 | Dr. Simran Gupta | Dr.Chetana makade Dr.Pratima Shenoi, Dr.Rajesh Kubde, Dr.Prajakta Ambulkar, Dr Aditi Dhanvijay | Comparative Eavluation of marginal adaptation of Emax Ceramic Inalys fabricated using Traditional Rubber Based and Digital Impression technique in Permanent- an Invitro Study | Yes | | | | 11 |
| 2. | Journal of Clinical & Diagnostic Research 2024 June, Vol-18 (6): ZC52-ZC55 | Dr. Sangham Madakwade | Dr. Chetana makade Dr.Pratima Shenoi, Dr. Mohit Gunwal, Dr. Simran Gupta | Qualitative and Quantitative Assessment of Adhesive Bond of AH Plus, Guttaflow 2 and Guttaflow Bioseal Sealers: An In-Vitro Study. | | | Yes | | 1.14 |
| 3. | International Journal of Scientific Research 2024 April, Vol-13 Issue 4 | Dr. Prachi Choudhary | Dr. Pratima Shenoi Dr. Rajesh Kubde Dr. Gautam Badole Dr. Mohit Gunwal Dr. Shriya Shahu | Comparative evaluation of different remineralizing agents on the surface microhardness of bleached enamel- An In vitro study | | Yes | | | |
| 3. | Cureus 2023 Oct 30;15(10): e47999 | Dr. Aditi Dhanvijay | Dr. Rajesh Kubde, Dr. Pratima Shenoi, Dr. Gautam Badole, Dr Shriya Shahu | Assessment of Smear Layer Formation After Caries Removal Using Erbium Laser and Papain-Based Chemo-Mechanical Caries Removal Agent: An In Vitro Scanning Electron Microscopy Study | Yes | | | | 1.2 |
| 4. | Double Blind Peer Reviewed Journal 2024 May, Vol-13 Issue 5 | Dr. Aditi Pande | Dr. Pratima Shenoi, Dr. Mohit Gunwal Dr. Shriya Shahu, Dr. Gautam Badole, Dr. Rajesh Kubde | Quantitative Assessment of Pulp Tissue Dissolution after Exposure to 5.25% Sodium Hypochlorite at 1min, 5min, and 60min at 37 °C and 60 °C. | - | - | - | Yes | |

| Sr. No | Name of the faculty | Title | Indexed Pubmed/WOS/Scopus | UGC/Google Scholar |
|-----------|---------------------|--|---|-----------------------|
| 5 | Dr. Mohit Gunwal | Clinical Response evaluation of 2 different luting cements utilized for cementing metal class II inlays: An in Vivo study. | World Journal of Dentistry. Vol 14/ Issue 6/ 2023 | |

| Sr. No | Name of the faculty | Title | Indexed Pubmed/WOS/Scopus | UGC/Google Scholar |
|-----------|---|---|---|--|
| 6 | Dr. Shriya Shahu Dr Pratima Shenoi Dr Rajesh kubde, Dr Mohit Gunwal | Influence of different lighting conditions on accuracy of Visual Shade Matching by dental Pofessionals. | JODRDMIMS Vol 06/ Issue 03/ 2022 | |
| 7 | Dr. Chetana Makade | A Comparative Study of practice, perception and attitude of ug healthcare students towards toothbrush selection, maintenance and replacement in RAS AI- Khaimah, UAE. | J Contemp Dent Pract. Vol 24/ Issue 12/ 2023 | |
| 8 | Dr.Vandana Kokane | Awareness, Attitude and Behaviour of Dentists towards Domestic Violence Victim patients | | Indian journal of Forensic Medicine & Toxicology Vol 18/ Issue 1/ 2024 |
| 9 | Dr. Chetana Makade Dr. P Shenoi, Dr P Ambulkar | MIC Ratio Of Herbal Extracts Against Common Endodontic Pathogens | J Pharm Bioall Sci Vol 16/ Issue 02/ 2024 | |
| 10 | Dr. Chetana Makade Dr. P Shenoi | Comparision And Analysis Of Protaper, Protaper Next & Protaper Gold Using Finite Element Analysis. | Endodontology. Vol 36/ Issue 1/ 2024 | |
| 11 | Dr. Chetana Makade Dr P Shenoi, Dr M Gunwal | Comparative Evaluation Of Intraligamentary Injection And Traditional Inferior Alveolar Nerve Block In Endodontic Management Of Mandibular Molar With Symptomatic Irreversible Pulpitis; A Randomized Double Blinded Clinical Trail. | Asian Journal Of Medical Sciences. Vol 15/ Issue 04/ 2024 | |
| 12 | Dr. Chetana Makade Dr. Sangham Madkawade, Dr. Pratima Shenoi, Dr. Mohit Gunwal, Dr. Simran Gupta. | Intratubular penetration and push out bond strength of AH plus, Guttaflow 2 and Guttaflow bioseal sealers: An in vitro study. | Journal of Clinical and Diagnostic research. Vol 18/ Issue 06/ 2024 | |

GRANTS, COPYRIGHT, PATENTS, BOOK PUBLICATION:

| Sr. No | Date | Registration ID | Author | Co-Author | Title | Category |
|-----------|----------|---|--------------------|-------------------------------------|---|-----------|
| 1 | | L- 128384/2023 | Dr Pratima Shenoi | | Literary Dramatic work Indent | Copyright |
| 2 | 06/01/24 | Patent No. 495582 Applic.No. 202021042255 | Dr. Pratima Shenoi | Dr. SR Shenoi, Dr. Shriya Shahu. | Patent Granted for A pouch for sterilization and storage of Dental Operative instruments. | Patent |
| 3 | 29/05/24 | Patent No. Applic.No. 202421006301 A | Dr.Rajesh Kubde | | Device for trimming precise length of gutta percha master cone for endodontic procedures | Patent |
| 4 | 16/01/24 | L- 148390/2024 | Dr.Rajesh Kubde | | Literary work Expression of MMP8 and its correlation with long term Clinical and radiological success of three intracanal medicaments used in cases with Apical periodontitis- A Randomised Control Trial | Copyright |
| 5 | 24/06/24 | L-149539/2024 | Dr. Mohit Gunwal | | Literary work on Functional units of Human Tooth Banking System | Copyright |

AWARDS\ PRIZES AND RECOGNITION RECEIVED BY TEACHERS AT LOCAL, STATE, UNIVERSITY, NATIONAL AND INTERNATIONAL LEVEL:

| Date | Name Of Faculty | Name Or Details of Awards/ Prizes |
|-------------------------------|--------------------|---|
| 1st to 3rd Dec 2023 | Dr Pratima Shenoi | Judging IACDE Excellence Awards 2023 for that she has received award at 38th IACDE National conference 2023,Kolkata. |
| 28th August 2023 | Dr. Chetana Makade | Appreciation Award by Ramna Maroti Youth Foundation |
| 19th April to 21st April 2024 | Dr. Rajesh Kubde | Winner in Scientific paper presentation at 'Endovista'organised by Dept of Cons & Endo, Terna Dental College, Mumbai. |

DEPARTMENT OF ORAL & MAXILLOFACIAL SURGERY



Dr. S.R. SHENOI Professor and HOD



Dr. VRINDA KOLTE Professor



Dr. KSHITIJ BANG Associate Professor



Dr. PRANAV INGOLE Associate Professor



Dr. NEELIMA BUDHRAJA Senior Lecturer



DR. RAHUL DAHAKE Senior lecturer



DR. SANDEEP KHANDAITKAR Senior Lecturer

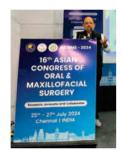




Dr. S.R Shenoi – Keynote Speaker at ACOMS, Chennai



Dr. Kshitij Bang – Paper Presentation at 47th National Conference of AOMSI at Delhi



Dr. S.R Shenoi – Keynote Speaker at the 47th annual conference AOMSI



Dr. Sandeep Khandaitkar – as Chairperson at CDE on $$\operatorname{OSMF}$



PhD at MUHS



Dr. Vrinda Kolte- Keynote Speaker at ACOMS 2024



Dr. Pranav Ingole – Faculty & Course Instructor in Hands-on Workshop at 24th Annual Conference of FNHO 2024



Dr. Nilima Agrawal –Paper Presentation at 74th IDC Kolkata



Dr. Rahul Dahake – Guest Speaker at the Road safety Awareness program on the occasion of OMFS Day Celebration Feb 2024.



Dr Vrinda Kolte received "Best idea award" at Patent and Idea Fest 24

DEPARTMENT OF ORAL & MAXILLOFACIAL SURGERY

Publications Record:

| Sr. | Details of Publication | Authors | | Title | Others / State/ Local/ |
|---------------------------|---------------------------|---|-----------------|--|--|
| No. (Year/vol/ pg. no) | | First Author Co – Authors | | The | News papers |
| 1 | 2023 | Dr. Ramakrishna Shenoi Dr. Nimish Situt, Dr. Alvina Waghchoure | | Multispace maxillofacial space infections involving orbit: Report of rare case | Indian journal of otolaryngology and head & neck surgery |
| 2 | 2023 | Dr. Rahul Dahake | Dr. Aishwarya S | Comparative evaluation of semaphorin-4D, peptidylarginine deiminase-2, and matrix metalloproteinase-8 levels of gingival crevicular fluid in periodontally healthy and Stage III periodontitis smoker and non-smoker patients before and after non-surgical periodontal therapy | Journal of Periodontology |
| 3 | 2024 | Dr. Vrinda Kolte Dr. Rahul Dahake | | Efficacy of Silicone Gel in Healing of Lacerated Wounds in Maxillofacial Region-An Experimental Study | Journal and maxillofacial surgery |

Copyrights

| Sr. No | Date | Registration ID | Author | Title | Category |
|-----------|----------|-------------------------|------------------|--|-----------|
| 1 | 07/11/23 | Copyright L-135631/2023 | Dr. Vrinda Kolte | Silk-o-lactin/nyl-o-propylene-an economic option for sutures | Published |
| 2 | 13/12/23 | Copyright L-138052/2023 | | Introduction of needle parking method of suturing for closure of facial contused lacerated wound | Published |

Institutional Ethics Committee Record:

| Sr. No. | Date | Name | Name of project | Time period | Date of approval by IEC | IEC No. | Status |
|------------|----------|------------------|---|----------------|-------------------------------|--------------------------------|---------|
| 1. | 13/04/24 | Dr. Anant Kahare | A Comparative evaluation of effectiveness of piezosurgery vs conventional technique for transalveolar extraction of permanent maxillary first molar – A randomized controlled trial. | 18 months | 28/03/24 | IEC/ RDDCRC /13/20 24 | Ongoing |
| 2. | 13/04/24 | Dr.Manas Jain | A comparative evaluation of Double Y plate and Z plate with conventional miniplate in anterior mandibular fracture – A randomized controlled trial | 18 months | 28/03/24 | IEC/RD DCRC/15/20 24 | Ongoing |
| 3. | 13/04/24 | Dr Onkar Redekar | Comparision of effectiveness of diclofenac sodium with trypsin, bromelain, rotuside trihydrate vs diclofenac sodium with serratiopeptidase to reduce post operative sequelae of surgical removal of mandibular third molar – A randomized controlled trial | 18 months | 28/03/24 | IEC/RD DCRC/14/20 24 | Ongoing |

ACHIEVEMENTS OF ACADEMIC YEAR:

- Dr. Vrinda Kolte Confered PhD in OMFS by by MUHS, Nashik
- Dr. Ramakrishna Shenoi Cleared IBOMS.
- Keynote lecture on "errors in OMFS" by Dr. Ramakrishna Shenoi at 47th annual conference of AOMSI 2023, Delhi.
- Keynote lecture on "temporomandibular joint pain" by Dr. Ramakrishna Shenoi at 10th MSC AOMSI, Pune 2024.
- Dr. Nilima Agrawal Successfully completed Basic course in Biomedical research: passed in 1st class with distinction.
- Dr. Teena Oommen PG Student delivered Keynote lecture on "comprehensive approaches to traumatic TMJ management: a review of literature" at 36th annual congress of Taiwanese association of Oral & maxillofacial Surgeons on march 10th, 2024



DEPARTMENT OF PUBLIC HEALTH DENTISTRY



Dr. K Venugopal Reddy Prof and HOD



Dr. Sudhir Rawlani Sr. Lecturer



Dr. Sushil B. Naik Lecturer



Dr Swapnil Patil Lecturer



Dr Parejeet Wagh Lecturer

























DEPARTMENT OF PUBLIC HEALTH DENTISTRY

Brief profile of the department: Department of Public Health Dentistry is one of the nine specialities of Dentistry which is mainly concerned with prevention and control of dental diseases and promoting dental care through organized community efforts. This specialty works towards disseminating the awareness about dental health through the organization of dental outreach activities among the public so as to enable the people to seek early intervention and protect their oral health. The department is also focussing on providing comprehensive dental care to the needy patents.

DEPARTMENT OF ORAL PATHOLOGY & MICROBIOLOGY



DR. ALKA DIVE PROF. & HEAD



DR. SHUBHANGI BAGDEY PROF.



DR. ASHISH BODHADE READER



DR. ROHIT MOHARIL SR. LECTURER



DR. RAKSHATA SORTE SR. LECTURER



DR. NEENA DONGRE LECTURER





National Oral Pathologist Day celebration on 25.02.2024



Lecture on ill-effects of Tobacco for I BDS by Dr. Neena Dongre on 03.06.2024



PowerPoint presentations by Interns for III BDS on World No Tobacco Day on 04.06.2024



Resource faculty at RDDC for Advance Research Methodology Workshop



Task force member in MUHS Blueprint workshop of BDS Curriculum at MUHS Nashik



Slogan competition for Interns on occasion of World No Tobacco Day on 31.05.2024



CDE 2024 Online – Slide Seminar on 28.03.2024.



Tobacco Hazards Awareness Rally in association with Student Council on 05.06.24



Gen Z Award 2k24 for Patent at NIT, Nagpur on 15.04.2024



Resource faculty at Datta Meghe College of Physiotherapy for Basic Research Methodology Workshop

DEPARTMENT OF ORAL PATHOLOGY & MICROBIOLOGY

Research profile of the Department:

PUBLICATIONS:

| Sr. No | Name of the faculty | Title | UGC/Google Scholar |
|-----------|---------------------|--|--------------------------|
| 1. | Dr. S.P. Khandekar | Awareness amongst Undergraduate students & Interns about the Investigations done in Oral Pathology Department – A Online Survey. Indian Journal of Applied Research Vol. 14; Issue 3. | Indexed Peer reviewed |
| 2. | Dr. Ashish Bodhade | New physiotherapy device for interincisal mouth opening in oral submucous fibrosis patients: A pilot study. Journal of Advances in Dental Practice and Research. JADPR2024;30:1-5. | Indexed Peer reviewed |
| 3. | Dr. Rohit Moharil | Salivomics and Pilot Study on Salivary Thiocyanate. IOSR Journal of Dental and Medical Sciences Vol. 23; Issue 1. | Google Scholar |
| 4. | Dr. Neena Dongre | Awareness, Attitude and Behaviour of Dentists towards Domestic Violence Victim Patients. Indian Journal of Forensic Medicine and Toxicology Vol. 18; Issue 1. | Indexed Peer reviewed |

INSTITUTIONAL ETHICS COMMITTEE RECORD – STAFF:

| Sr. No | Date of Receipt By IEC | Name of Principal Investigator | Name of Co Investigator | Title of Research Project | Time Period | Date of Approval By IEC | IEC No. | Status of Progress | Academic Presentation/ Publication if any |
|-----------|------------------------------|--------------------------------------|----------------------------|--|----------------|-------------------------------|--------------------------------------|-----------------------|--|
| 1. | 07.08.23 | Dr. S.P. Khandekar | Dr. Rohit Moharil | Awareness Amongst undergraduate students & interns about the investigations done in oral pathology department – An online survey. | 2 Months | 19.08.23 | EC/ NEW/ INST/ 2020/ 687 | Completed. | Scientific Paper presented at 30th national conference of IAOMP at Belagavi on 3rd to 5th November 2023 & Publication also done in Indian Journal of Applied Research |

INSTITUTIONAL ETHICS COMMITTEE RECORD - PhD:

| Sr. No. | | Name of Principal Investigator | Name of Co- Investigator | Title of Research Project | Time Period | Date of Approval By IEC | IEC No. | Status of Progress | Academic Presentation/ Publication if any |
|------------|---------|--------------------------------------|--------------------------------|--|----------------|-------------------------------|----------------------------------|-----------------------|--|
| 1 | 9/1/18 | Dr. Ashish Bodhade | Dr. Alka Dive | Development of new physiotherapy device & assessment of its effectiveness compared to traditionally used method in treatment of oral submucous fibrosis: A randomized controlled experimental study. | 3 years | 9/1/18 | PhD/ IEC/ VSPMDCRC/ 9/2018 | Completed | 1 - Publication 1 - Presentation at PG convention at DY Patil Dental College Pune on 15/6/24 |
| 2 | 16/4/22 | Dr. Rohit Moharil | Dr. Alka Dive | Evaluation and Correlation of Salivary Thiocyanate Levels and Frequency of Micronuclei in Smokers and Tobacco Chewers - A Biochemical and Cytological Study. | 3 years | 12/4/22 | PhD/ IEC VSPMDCRC/ 13/2022 | ongoing | 1 - publication 1 - Presentation at PG convention at DY Patil Dental College Pune on 15/6/24 |

PATENT:

| Sr. No | Date | Registration ID | Author | Title | Category |
|-----------|-------------|-----------------|--------------------|------------------------------------|-----------------------------|
| 1 | 1. 15/05/24 | 202321029215 | Dr. Ashish Bodhade | "DEVICE FOR JAW OPENING EXERCISE" | Utility Patent application |
| · · | 13/03/24 | | Dr. Alka Dive | DEVICE FOR TANK OF EINING EXERCICE | otility Faterit application |

ACHIEVEMENT - STAFF:

Academic

| Sr. No | Name of Staff | Achievement |
|-----------|--|---|
| 1. | Dr. Shubhangi Bagdey, | 1. Presented a scientific paper in the National Conference of IAOMP held from 3rd 5th November 2023, at KLV. V. K. Belagavi . |
| 1. | Professor | 2. Delivered lecture titled "Chair side diagnostic methods for oral precancer and cancer" for interns at RDDC & RC Nagpur. |
| | | 1. Awarded Prize, for best IDEA on Mouth Opening device on OSMF, Gen Z idea genesis 2k24 organized by e cell, NIT Nagpur. |
| 0 | Dr. Ashish Bodhade, | 2. Advance research methodology workshop for PG & PHD, MUHS Nasik at RDC & RC, Nagpur. 4th -9th Sept. 2023. |
| 2. | Reader | 3. Basic research methodology workshop for PG & PHD, MUHS Nasik at RDC & RC, Nagpur. 20-22nd Feb 2024. |
| | | 4. Paper presentation at XXI IAOMP National PG convention 15-16th June, 2024 at Pune. |
| | Dr. Dobit Moharil | 1. Faculty at RAT Basic Workshop in Education Technology by HSET VSPDCRC on 15th and 16th June 202 |
| 3. | Dr. Rohit Moharil, | 2. Paper presentation at XXI IAOMP National PG convention 15-16th June, 2024 at Pune MS. |
| | Senior Lecturer | 3. Selected as a MUHS Task Force Member in the committee of Blueprint design in the subject of Oral Pathology on Oct 23-Feb 24 |
| | | 1. For Guidance in STS 2022 by Indian Council of Medical Research (ICMR). |
| 4. | Dr. Rakshata Sorte, Senior Lecturer | 2. Awarded with Fellowship 2023 in Palliative Care, Certificate no. FPM141/23 by Institute of Palliative Medicine - WHO collaborating Centre for Community Participation in Palliative care and Long term care, India, in association with St. Christopher Hospice, London, Sanjeevan Palliative Care Program, India and Bangabandhu Sheikh Mujib Medical University, Bangladesh. |
| | | 3. Certified Basic Cardiopulmonary Life Support (BCLS) provider, Certificate no. CRTC6B1608ID62616. |
| 5. | Dr. Neena Dongre | Speaker for First BDS students on topic III effects of Tobacco on Oral Health on occasion of World No Tobacco Day celebrated on 31st May |
| 5. | Lecturer | 2024. |

Non-Academic:

| Sr. No | Name of Staff | Achievement |
|--------|--|--|
| 1. | Dr. Shubhangi Bagdey, | Donated blood for the 10th time on 14/ 06/ 2024. |
| 2. | Professor Dr. Ashish Bodhade, Reader | 40km cycling competition completion organized by Shri Krishna Hospital, Nagpur 05/11/2023. |
| 3. | Dr. Rakshata Sorte, Senior Lecturer | Participation in Medicos Badminton League organised by Youth Empowerment Programme- Fitness joint venture Medicos Badminton Association & Dept of Sports Dhanwate National College, Nagpur |
| 4. | Dr. Neena Dongre, | Cultural incharge of Student Council 2023-24 Secured 2nd Position in 100 meters running competition in staff Category in Dhadkan Aveg 2024 organized by RDDC &RC Nagpur on 24th Feb. to 7th March 2024. |
| | Lecturer | Winner in Tug of War Competition in staff category in Dhadkan Aveg 2024 organized by RDDC &RC Nagpur from 24th Feb. to 7th March 2024. Participate in Vidarbha dance competition 2024" on 31st May 2024 |



Contribution of Faculty at the International Forum





DR. Rajlakshmi Banerjee, Dr. Richa Sahai and Dr. Priti Jaiswal presented a paper/ poster at the 14th Biennial Congress of the Asian Academy of Prosthodontics Japan

College Activity



Flag hoisting 24 January



Dr. Priti Jaiswal won best emerging talent of the year award



Release of annual report



Department of Prosthodontics won best department award of the year



Dr. Tapasya Karemore won best individual performer of the year



Release of VISA manual



"Ambedkar Jayanti" celebrated on 15th April



Installation ceremony of student's council

College Activity



Celebration of "World No Tobacco day" on 31st May



Celebration of "MUHS foundation day" on 10th June 2024



Celebration of World Environment day on 5th June 2024



Graduation day ceremony

College Activity - Annual Fest - DHADKAN







College Activity - Annual Fest - DHADKAN















OFFICE STAFF



Standing - Mr. Darshan Diwte, Mr. Krishna Dhadse, Mr. Anil Lade Sitting - Mr. Rajendra Manekar, Mr. Vasudev Pande, Ms. Pooja Ukey, Ms. Surekha Korde, Mr. Chetan Deshmukh, Mr. Vilas Chaowdhari, Mr. Kishor Potdar, Mr. Subhash Kardbhajne, Mr. Deepak Kumbhare



