

**Saraswati Dental College
Lucknow**

Annual Report

April 2018 – March 2019

MAA SARASWATI



The Goddess of Learning

THE COLLEGE EMBLEM



Saraswati is the Goddess of learning, which is significant to our aims and objectives and is depicted by the Swans, the carrier of the Goddess, surrounding the rod of Auscalpeus winded by the serpents, which signifies Health and the medical profession. Below this is the source of energy, the Sun, which gives us life and kindles the light of Inspiration and zest for knowledge for the benefit of the World and the mankind

MOTTO

To impart professional, technical and spiritual knowledge to the young generation without caste, creed, gender, nationality or any other disparity so that they become hi-tech professionals and worthy citizens

EDITORIAL BOARD

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With input from all HODs, Faculty, Staff and Students

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From the President's Desk



It is with great pleasure that I write this acknowledgement on the release of the Annual Report year 2018-19 of Saraswati Dental College, Lucknow.

With the pursuant goal of excellence in academic deliverance, patient treatment and community service our students and faculty have earned laurals nationally and internationally. I commend all for their hard work and endeavour.

I acknowledge the hard work put in by all faculties for the publication of this Annual Report with a special mention of Dr. Akanksha Dubey, Department of Periodontology who has put in extra effort for the compilation and publication of this Annual Report.

Best Wishes

Dr. Rajat Mathur
President, SDC

Saraswati Group of Educational Institutions

FOUNDER MEMBERS



Lt. Col. Dr. TS Mathur



Mrs. Madhu Mathur
Vice-Chairman



Dr. Rajat Mathur
President



Mr. Charit Mathur
Director Finance



Mrs. Smita Mathur
Director, SHRC



Mrs. Ritu Mathur
Director, HRD

Saraswati Dental College, Lucknow
MANAGEMENT COMMITTEE

Name	Designation	Photograph
Mrs. Madhu Mathur	Chairman	
Mrs. Smita Mathur	Vice Chairman	
Dr. Alka Yadu	Secretary	
Dr. Sushil Kumar Kar	Treasurer	
Dr. RS Bedi	Ex-officio member	
Dr. Anil Singh	Member	
Mr. NB Mishra	Representative on rotation	

Saraswati Medical & Dental College Society

Saraswati Medical & Dental College Society was created to support and complement healthcare needs in the country. This charitable society visualized the twin objectives of providing quality professional education and healthcare services through its constituent institutions. In order to accomplish challenges of 21st century, the Society identified key pillars to support its endeavors. These pillars comprising of sincerity, honesty, integrity, academic excellence through global outlook, leadership, and participative engagement of academia-community-industry have collectively contributed towards establishing the Saraswati Group of Colleges in general and Saraswati Dental College in particular as a unique institution for higher dental education and social healthcare outreach.

Saraswati Dental College

Saraswati Dental College (SDC) established in 1998 at Lucknow, Uttar Pradesh is a dream project of Lt. Col. Dr. T.S. Mathur (Ret.). During his long and illustrious career with the Dental Corps of Indian Army, he became aware about the huge unmet demand of dental healthcare services in the country and a deficit of competent dental professionals to meet the challenge. With this vision, SDC was established and has since developed into a centre of professional excellence in the field of dental education, healthcare and research. The institute aims to become a global brand to generate competent dental professionals and provide a non-discriminatory campus environment that encourages intellectual curiosity, pursuit of new knowledge, academic freedom and professional integrity.

The institute is affiliated to Dr. Ram Manohar Lohia Avadh University, Faizabad, Uttar Pradesh for award of BDS and MDS degrees in the subjects of Conservative Dentistry & Endodontics, Oral & Maxillofacial Surgery, Oral Medicine & Radiology, Oral Pathology & Microbiology, Orthodontics& Dentofacial Orthopedics, Pediatric& Preventive Dentistry, Periodontology, andProsthodonticsand Crown & Bridge. These courses are recognized by the Dental Council of India.

SDC has been assessed by 'S.G. Certifications' and is certified for meeting the requirements of ISO 9001:2008 Quality Management System in Dental Medical Education and Patient Care. The institute has also been awarded the 'Best Private Dental College in North India' for Education Excellence by the Brands Academy in 2012, 2013 and 2014. The College has been ranked First among 'Private Dental Colleges in North India', 5th among 'Private Dental Colleges in India' and 12th among 'Top 15 Dental Colleges in India' as per the survey by Outlook Magazine in 2011 and 2012. The institute has also been given 'Five Star Status' amongst India's top Private Dental Colleges by 'The Pioneer', New Delhi on 06 June 2014.

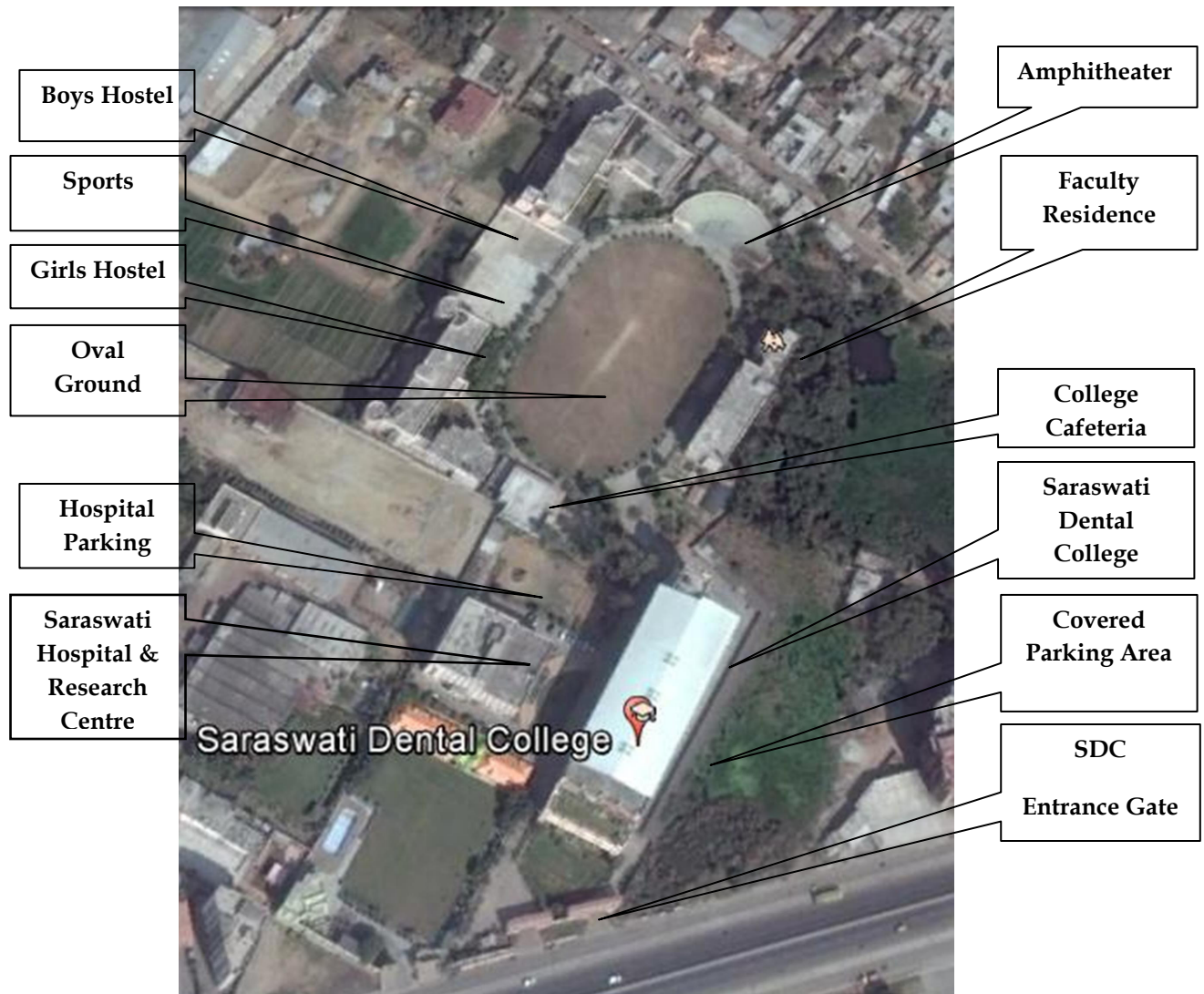
The Institute has been recognized as Scientific & Industrial Research Organization (SIRO) by the Department of Scientific & Industrial Research (DSIR), Ministry of Science & Technology, Govt. of India. Another landmark achievement of the institute is the approval of the Institutional Animal Ethics Committee (IAEC) by the **Committee for the Purpose of Control and Supervision of Experiments on Animals** (CPCSEA), Animal Welfare Division, Ministry of Environment & Forests, Govt. of India, for procuring and conducting research using laboratory animals.

Several collaborative research projects have been completed and are undergoing with various organizations of national repute like Indian Institute of Technology (IIT), Kanpur, **Indian Institute of Toxicology Research** (IITR, previously ITRC), Lucknow, **Central Drug Research Institute** (CDRI), Lucknow etc.

Some of the significant Memoranda of Understanding (MoUs) signed by the institute are with the University of Tennessee, USA, University of Pennsylvania, USA, University of Sanford, USA and Integral University, Lucknow, India for mutual collaboration in teaching and research.



Saraswati Dental College Campus



PRINCIPAL'S REPORT

Dr. RS Bedi, M.D.S.



It's a feeling of immense pride to present the Annual Report of Saraswati Dental College and Hospital for the year 2018-19. I remember the words of Benjamin Disraeli, "*Nurture your mind with great thoughts, for you will never go any higher than you think.*" Indeed, we need better education to have better thoughts, to be better human persons, to build a better society. Our most cherished motto is to empower our students through education and this institution is a prime centre of knowledge enhancement and career development. I foresee a better future of our institution and with the cooperation of the faculty members along with our students to attain a great new height.

I am very pleased to bring to your notice that the institution has invited various eminent speakers and well qualified personalities to share their knowledge. We have also organised a large number of CDEs, Seminars, Conferences and Workshops for the enrichment of our faculty as well as the students. I also appreciate the contribution of our students and faculty in research related activities and in national and international publications.

I congratulate all the contributors and the editorial board for bringing out this edition. I extend my wishes to all the heads of the department, most energetic faculty and extremely talented students for scaling bigger success and achieving newer heights in the coming year.

Thank you

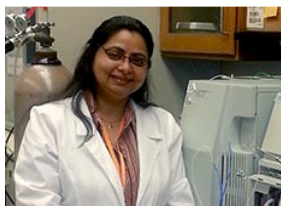
Dr. RS Bedi

Honorary Guest Faculty

International



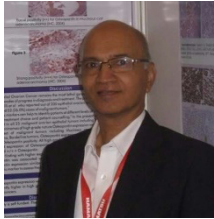
- Dr. Subhash C. Chauhan, Ph.D.
Professor
Department of Pharmaceuticals Sciences
Cancer Research Centre
University of Tennessee Health Sciences Centre
Memphis, USA.
https://academic.uthsc.edu/faculty/facepage.php?netID=schauha1&personnel_id=309359



- Dr. Meena Jaggi, Ph.D.
Associate Professor
Department of Pharmaceuticals Sciences
Cancer Research Centre
University of Tennessee Health Sciences Centre
Memphis, USA.
https://academic.uthsc.edu/faculty/facepage.php?netID=mjaggi&personnel_id=313248

Honorary Guest Faculty

National



- Professor Dr. PV Patil
Dean
Mayo Institute of Medical Sciences, Barabanki
Formerly, Principal, Medical College, Bijapur



- Dr. GP Singh, MDS
Formerly Professor & Head, Department of Periodontics
Saraswati Dental College, Lucknow



- Dr. LC Gupta, MDS
Former Professor, Department of Oral & Maxillofacial Surgery
Saraswati Dental College, Lucknow



Institutional Committees

(In alphabetical order)

**The Principal, SDC shall be the Ex-Officio Member of
all Institutional Committees**

Institutional Admission Committee (IAC)

The primary function of the IAC is to overview the process of admissions, provides advice and guidance to the Principal and Chairman on the issues of admission policy and best practices, and selects students for admission to the college.

- Review and develops the process in pursuit with government policies time to time.
- Develop strategy to implement merit based admission process ensuring transparency in admissions.

The IAC comprises of the following members:

Chairman	:	Mrs. Madhu Mathur, Vice-Chairperson, SDC
Ex- Officio Member:		Dr. RS Bedi, Principal & Head, Department of Oral & Maxillofacial Surgery, SDC
Member Secretary	:	Mr. NB Mishra, Management Office, SDC
Member	:	Mr. Gaurav Dutta, Public Relation Officer, SDC
Member	:	Mrs. Kavita Bhatia, Management Office, SDC
Member	:	Mrs. Sangeeta Khetrpal, Management Office, SDC



Institutional Alumni Association Committee (IAAC)

The primary function of this Committee is to provide a vibrant forum that promotes interaction and networking among Alumni of the College, help Alumni achieve their professional goals, facilitate the association of Alumni with their Alma Mater, contribute to the College's Vision of being recognized among the world's leading institutions in academics, research excellence and innovation, inform Members of the Association about its activities through circulars, newsletters and/or any other means considered appropriate by the Executive Body, obtain feedback from the Members as well as their Employers on prescribed format on regular basis and provide suggestions to the respective Institutional Committees and Management Committee for implementation, and organize Alumni Meet and scientific programs on regular basis. The IAAC comprises of the following members:

Chairman	: Dr. Alka Yadu, HOD, Department of Biochemistry, SDC
Ex-Officio Member	: Dr. RS Bedi, Principal & Head, Department of Oral & Maxillofacial Surgery, SDC
Member Secretary	: Dr. Pratik Chandra, Reader, Department of Orthodontics & Dentofacial Orthopedics, SDC
Member	: Dr. Chetan Chandra, Professor, Department of Periodontology, SDC
Member	: Dr. Devendra Chopra, Reader, Department of Prosthodontics and Crown & Bridge, SDC
Member	: Dr. Seema Jabeen, Senior Lecturer, Department of Paediatric & Preventive Dentistry, SDC
Member	: Dr. Siddharth Singh, Reader, Department of Oral Medicine & Radiology, SDC
Member	: Dr. Akanksha Srivastava, Senior Lecturer, Department of Prosthodontics and Crown & Bridge, SDC
Member	: Dr. Nitin Jhunjunwala, Senior Lecturer, Department of Conservative & Endodontics, SDC
Student Member	: Dr. Rinee Khanna, P.G. Student
Student Member	: Mr. Praveen Singh & Miss Shrishti Chaudhary, U.G. Student



Institutional Anti-Ragging Committee (IARC)

The main objectives of this Committee are to create cordial relations among students for fulfilling organizational Mission, Vision, aims and objectives, create awareness among students regarding how the self-confidence of the individual influences the national interest, generate awareness among students and staff regarding what constitutes acts of ragging, the existing laws on ragging and punishments as per the directives of the Hon. Supreme Court of India and create a ragging-free atmosphere within and outside the campus premises of SDC. The IARC comprises of the following members:

Chairman	:	Dr. Alka Yadu, Professor & Head, Department of Biochemistry, SDC
Ex-Officio Member	:	Dr. RS Bedi, Principal & Head, Department of Oral & Maxillofacial Surgery, SDC
Member Secretary & Provost	:	Dr. Ayush Razdan Singh, Department of Conservative & Endodontics, SDC
External Member	:	Mr. Anand Kumar Sahi, SSP Official, Lucknow
External Member	:	Mrs Kusumangini Mathur, Socially Aware Person
External Member	:	Mr Angad Mishra, Advocate
Member	:	Dr. Ragini Tandon Professor & Head, Department of Orthodontics & Dentofacial Orthopaedics, SDC
Member & Provost	:	Dr SA Khan, Professor, Department of Pedodontics & Preventive Dentistry, SDC
Member	:	Dr. Saumya Navit, Professor & Head, Department of Pedodontics & Preventive Dentistry, SDC
Member	:	Mr. VK Dixit, Administrative Officer, SDC
Parent Representative	:	Mr. Vijay Khanna
University Representative	:	Mr. Umanath Singh
Student Member	:	Dr. Priyanka, P.G. Student
Student Member	:	Miss Bishakha Subedi & Mr. Dibesh Basak
Student Member	:	Miss. Aishwarya & Mr. Tushar Mathur



Institutional Committee for Extra-curricular Activity (ICEA)

The primary objective of this Committee is to propose, organise and ensure regular high quality and smooth functioning of extra-curricular activities (viz. Sports, Literary and Cultural) in the College, to elect student members of the Student Council for each academic year, collect information of all College activities planned for the current academic year with a tentative timetable from the Principal, plan the division of the proposed annual budget into various heads and its approval from the Institutional Finance Committee (IFC), receive information about inter-College events and planning for participation, ensure regular upkeep, maintenance and procurement (as required) of facilities for Sports, Cultural and Literary activities, specify eligibility criteria and participation of students, make endeavour to arrange sponsorship for extra-curricular events, manage prize distribution and Media coverage during all events and submit the report on completion of ICEA related events. The ICEA comprises of the following members:

Chairman	:	Dr. Alka Yadu, Vice Principal & Head, Department of Biochemistry, SDC
Ex-Officio Member	:	Dr. RS Bedi, Principal & Head, Department of Oral & Maxillofacial Surgery, SDC
Member Secretary	:	Dr. SA Khan, Professor, Department of Paediatric & Preventive Dentistry, SDC
Member	:	Dr. Rohit Madan, Reader, Department of Periodontology, SDC
Member	:	Dr. Nitin Nigam, Sr. Lecturer, Department of Oral Medicine & Radiology, SDC
Member	:	Dr. Pratik Chandra, Reader, Department of Orthodontics & Dental Orthopaedics, SDC
Member	:	Dr. Himanshu Chauhan, Sr. Lecturer, Department of Oral & Maxillofacial Surgery, SDC
Member	:	Dr. Shweta Chauhan, Sr. Lecturer, Department of Oral Pathology, SDC
Member	:	Dr. Anshul Sharma, Sr. Lecturer, Department of Paediatric & Preventive Dentistry, SDC
Member	:	Dr. Palkin Mehta, Sr. Lecturer, Department of Oral Medicine & Radiology, SDC
Member	:	Dr. Ruchi Verma, Lecturer, Department of Microbiology & Pathology, SDC
Student Member	:	Dr. Ravi Kumar, P.G. Student, Department of Conservative Dentistry and Endodontics
Student Member	:	Miss Nilisha Shukla, U.G. Student
Student Member	:	Mr. Md. Aseel, U.G. Student



Institutional Committee for Student & Patient Welfare (ICSPW)

The primary function of this Committee is to ensure smooth functioning of the institute in all matters related to student and patient welfare as per the existing policies of the institution and to deal with matters related to attendance and leave (medical or otherwise) of students, which may be outside the regular purview and require special consideration, provide additional facilities which the students may require, provide necessary help to students applying for scholarship(s) both intramural and extramural including procurement of documents and submission of application, look after any special matter related to psychological counseling, medical or emergency or in case of any kind of indiscrimination among the students, organise special camps to check physical and mental health of students, provide group immunization and group insurance of students, help on issues concerning utilisation of community hall, gymnasium etc. for their emotional, spiritual and physical growth and all measures concerning mentor-mentis program. The Committee also looks after adequate treatment facilities and timely appointment(s) to all patients, define procedure for systematic referral of the cases [intradepartmental and also to any external facility, with proper guidance to the patient in all aspects related to their treatment, provide requirements for seriously ill and geriatric patients and review any requirements for additional facilities including infrastructural facilities desired by the students and patients. The ICSPW comprises of the following members:

Chairman	: Dr. RS Bedi, Principal & Head, Department of Oral & Maxillofacial Surgery, SDC
Member Secretary	: Dr. Alka Yadu, Head, Department of Biochemistry, SDC
Member	: Dr. AK Srivastava, Head, Department of Anatomy, SDC
Member	: Dr. Saumya Navit, Professor & Head, Department of Paediatric & Preventive Dentistry, SDC
Member	: Dr. SA Khan, Professor, Department of Paediatric & Preventive Dentistry, SDC
Member	: Dr. Sunira Chandra, Reader, Department of Oral Medicine & Radiology, SDC
Member	: Dr. Shruti Sinha, Sr. Lecturer, Department of Oral Medicine & Radiology, SDC
Member	: Mr. VK Dixit, Administrative Officer, SDC
Member	: Dr. Pallavi Singh, Sr. Lecturer, Department of Public Health Dentistry, SDC
Member	: Dr. Himanshu Chauhan, Sr. Lecturer, Department of Oral & Maxillofacial Surgery, SDC
Member	: Dr. Rishikant Shukla, Patient Welfare Officer, SDC

Student Member : Dr. Ritika Jaiswal, P.G.Student

Student Member : Mr. Ghulam Mursalin, Miss Manveen Kaur U.G. Student



Institutional Disaster Management Committee (IDMC)

The primary objective of this Committee is to analyze the plans designed to respond to emergencies (natural or man-made) and evaluate their effectiveness for disaster mitigation, preparedness, response and recovery at the College, continuously analyze all risks which expose the College to any potential disruption of its activities, oversee the development of emergency preparedness and response plans in response to the risks identified, facilitate communication of the emergency response plan through updates to the concerned personnel/agencies and written materials as and when required, design and conduct at least two internal disaster drills per year, incorporate contemporary disaster related training materials in inventory and facilitating appropriate modern training related to response and mitigation of the disaster, create performance measurements, specifically for, but not limited to response to emergencies and drills, frequency of emergencies and failures, communications, response procedures, distribute policies, plans and decisions to all concerned, ensure existence of functional Alarm/Warning system at key locations and prepare and promulgate documents/manuals and informative brochures related to disaster management techniques/responses for various Departments of the College. The ICDM comprises of the following members:

Chairman	:	Dr. Arvind Tripathi, Professor & Head, Department of Prosthodontics and Crown & Bridge, SDC	
Ex-Officio Member	:	Dr. RS Bedi, Principal & Head, Department of Oral & Maxillofacial Surgery, SDC	
Member Secretary	:	Dr. Kamlesh, Professor, Department of Orthodontics & Dentofacial Orthopedics, SDC	
Member	:	Superintendent, SHRC	
Member	:	Dr. Raju Chauhan, Reader, Department of Conservative Dentistry & Endodontics, SDC	
Member	:	Dr. Shruti Sinha, Reader, Department of Oral Medicine & Radiology, SDC	
Member	:	Dr. Ashish Chauhan, Sr. Lecturer, Department of Orthodontics, SDC	
Member	:	Mr. VK Dixit, Administrative Officer, SDC	
Student Member	:	Dr. Rinee Khanna & Dr. Shobhit Pratap Singh	P.G. Student
Student Member	:	Miss Anushika Yadav & Mr. Ankush Arora	U.G. Student



Institutional Enhancement (Internal & External) Committee (IEC)

The primary objective of this committee is to assist the institution in the development in the contemporary world class education policies and their appropriate application towards improving the quality of education through regular planning, designing and evaluation and academic curriculum, and to improve to enhance the patient care. The IEC comprises of the following members:

Advisor	:	Dr. Rajat Mathur, President, SDC
Chairman	:	Dr. Praveen Singh Samant, Professor & Head, Department of Conservative Dentistry & Endodontics, SDC
Ex-Officio Member	:	Dr. RS Bedi, Principal & Head, Department of Oral & Maxillofacial Surgery, SDC
Member Secretary	:	Dr. SA Khan, Professor, Department of Pedodontics & Preventive Dentistry, SDC
Member	:	Dr. Siddharth Singh, Reader, Department of Oral Medicine & Radiology, SDC
Member	:	Dr. Raju Chauhan, Professor, Department of Conservative Dentistry & Endodontics, SDC
Member	:	Dr. Parul Tandon, Reader, Department of Oral & Maxillofacial Surgery, SDC
Member	:	Dr. Shally Mahajan, Professor, Department of Orthodontics & Dentofacial Orthopedics, SDC
Member	:	Dr. Sumit Mishra, Sr. Lecturer, Department of Prosthodontics and Crown & Bridge, SDC
Student Member	:	Dr. Madhur Garg P.G. Student
Student Member	:	Miss Nancy Singh & Mr. Ravi Bhushan U.G. Student



Institutional Environment & Bio-Safety Committee (IEBC)

The main objectives of this Committee are to promulgate orders regarding and overseeing all activities involved with hazardous biological material (biomedical waste) inclusive of radiations as per SDC Biosafety Manual, to include all activities involving research, teaching, laboratories and hospital as required and function in pursuant to the policies and directives of National and International agencies (such as BMBL, CDC, OSHA, WHO and AERB) in India, to make policies regarding monitoring and follow up of appropriate procedures for management of Bio-Medical/Bio-Hazardous Waste including radiations, and implementation of Bio-Medical Wastes (Handling and Management) Rules 1998 under section 6, 8 and 25 of Environment (Protection) Act 1986 provided by the Ministry of Environment & Forests, Government of India, which have been subsequently amended in 2000, to ensure protection of environment, to implement bio-safety measures after sensitization of the teaching, non-teaching staff and students, appropriate propagation and regulation of the rules and notifications promulgated under the Atomic Energy Act, 1962 and the Environmental (Protection) Act, 1986 devised by AERB and the 'Radiation Surveillance Procedures of Medical Applications of Radiation, G.S.R. - 388, 1989', issued under rule 15 specifying general requirements for ensuring radiation protection in installation and handling of X-ray equipment, to implement ALARA (as low as reasonably achievable) principle for radiation exposure in radiology after sensitization of the teaching, non-teaching staff and students. The IEBC comprises of the following members:

Advisor	: Dr. Asha Mathur, Professor & Head, Department of General Pathology & Microbiology, SDC
Chairman	: Dr. Jitendra Aurora, Professor, Department of Oral & Maxillofacial Surgery, SDC
Ex-Officio Member	: Dr. RS Bedi, Principal & Head, Department of Oral & Maxillofacial Surgery, SDC
Member Secretary	: Dr. Chetan Chandra, Professor, Department of Periodontology, SDC
Member	: Dr. Alok Singh, Sr. Lecturer, Department of Oral & Maxillofacial Surgery, SDC
Member	: Superintendent, SHRC
Member	: Mr. VK Dixit, Administrative Officer, SDC
Student Member	: Dr. Sunakshi Soi, P.G. Student, Department of Periodontology
Student Member	: Miss Alisha Haider & Abhishek Khandelua U.G. Student



Institutional Examination & Academic Committee (IEAC)

The primary function of this Committee is to assist the institution in the development of contemporary education policies and their appropriate application towards improving the quality of education through regular planning, designing and evaluation of academic curriculum, and to review and develop the course curriculum for optimised teaching standard, develop strategy to cater to the differential academic requirements of diverse student population, develop strategies and set up mechanism to cater to the differential academic requirements of the diverse student population (e.g., socio-ethnic background, underprivileged, advanced and slow learners etc.) through necessary amendments in time-table schedules, overview and plan annual calendar (time-table), various schedules for theory, practical and clinical classes including lectures and clinical discussions, plan and organize annual teaching-learning-evaluation schedules, organise orientation/induction program for freshers, address and suggest remedial action for the academic issues raised by the students, issue guidelines and establish procedures for conduct of internal and external examinations (both theory and practical) and implement Objective Structured Clinical/Practical Examination (OSCE/OSPE) systems, analyse departmental reports regarding the assessment of academic performance and learning outcome of students on regular basis, conduct annual auditing of the result analysis for all programs and forward report of the same along with action plan to concerned department, ensure implementation of recommendations through analysis of feedback from stakeholders on the academic curriculum towards enhancement of academics to meet international standards within the confines of guidelines issued by the Dental Council of India and Dr RML Avadh University, encourage use of Information and Communication Technology (ICT) learning resources as per UNESCO guidelines to ICT. The IEAC comprises of the following members:

Advisor	: Dr. RM Mathur, Director HR, SDC, former Principal, SDC
Chairman	: Dr. RS Bedi, Principal & HOD, Department of Oral & Maxillofacial Surgery, SDC
Member Secretary	: Dr. Saumya Navit, Professor & HOD, Department of Pedodontics & Preventive Dentistry, SDC
Member	: Dr. Alka Yadu, Professor & HOD, Department of Biochemistry, SDC
Member	: Dr. Arvind Tripathi, Professor & HOD, Department of Prosthodontics and Crown & Bridge, SDC
Examination Superintendent	: Dr. Vivek K Bains, Professor & Head Department of Periodontology, SDC
Assistant Examination Controller	: Dr. Devendra Chopra, Reader, Department of Prosthodontics and Crown & Bridge, SDC

- Member : Dr. Siddharth Singh, Reader, Department of Oral Medicine & Radiology, SDC
- Member : Dr. Ruchi Srivastava, Reader, Department of Periodontology, SDC
- Member : Dr. Ashish Chauhan, Sr. Lecturer, Department of Orthodontics & Dentofacial Orthopedics, SDC



Institutional Finance Committee (IFC)

The primary objective of this Committee is to make/formulate financial policies and budget-heads that support the Vision, Mission, values and strategic objective of the organization, implement policies that maintain and improve the financial health and integrity of the institution, review and recommend an annual operating budget and annual capital budget consistent with long-ranging financial plan and policies for the organization by allocating budget-heads in the annual budget for following activities, review and recommend expenditures and unbudgeted operating expenditures that exceed spending authority of the management/impressed holder, review and monitor financial performance of the organization and various Institutional Committees by analysing utilization reports, timely conduct of audits and analysis of CA approved audit sheets, implement and monitor corrective actions to bring the organization into compliance with its budget and other financial targets. The IFC comprises of the following members:

- | | | |
|-------------------|---|---|
| Chairman | : | Mr. Charit Mathur, Director, Finance, SDC |
| | | |
| Ex-Officio Member | : | Dr. RS Bedi, Principal & HOD, Department of Oral & Maxillofacial Surgery, SDC |
| | | |
| Member Secretary | : | Administrative Officer, SHRC |
| | | |
| Member | : | Dr. Rajat Mathur, President, SDC |
| | | |
| Member | : | Mrs. Smita Mathur, Director, SHRC |
| | | |
| Member | : | Dr. Saumya Navit, Vice Principal, SDC |



Institutional Grievance & Disciplinary Committee (IGDC)

This Committee aims to create an atmosphere where all should dwell without any grievance and is committed to provide equal opportunities for all irrespective of gender, colour, caste, age, ethnic origin, disability, marital status, religious or political beliefs or any other distinction. IGDC further aims to encourage all individuals to realize their full potential and contribute most optimally to the welfare of the community. IGDC will create conditions wherein involvement of students and staff would be on the basis of their relative merit, abilities and potential, and in the best interest of the organization as a whole and its individual members. The committee will undertake timely redressal of all cases of grievances involving all stakeholders of SDC, devise mechanism for receiving, processing and addressing all grievances and other formal requests made by learners, staff and other stakeholders on the institutional provisions promised and perceived, formulate and monitor functioning of anti-ragging committee as per DCI guidelines, timely address grievances of stakeholders of SDC related to gender sensitivity issues including sexual harassment of women at work place as well as those of psychological, academic or administrative nature, hence creating a congenial atmosphere. The IGDC comprises of the following members:

Chairman	: Dr. Saumya Navit, Professor & HOD, Department of Paediatric & Preventive Dentistry, SDC
Ex-Officio Member	: Dr. RS Bedi, Principal & Head, Department of Oral & Maxillofacial Surgery, SDC
Member Secretary	: Dr. Shruti Sinha, Reader, Department of Oral Medicine & Radiology, SDC
Member	: Dr. Alka Yadu, HOD, Department of Biochemistry, SDC
Member	: Dr. Anil Singh, Professor & HOD, Department of Oral Pathology & Microbiology, SDC
Member	: Dr. SA Khan, Professor, Department of Paediatric & Preventive Dentistry, SDC
Member	: Dr. Ayush Razdan Singh, Professor, Department of Conservative Dentistry & Endodontics, SDC
Member	: Mr. VK Dixit, Administrative Officer, SDC
Student Member	: Dr. Chinki Bansal, P.G. Student
Student Member	: Miss Nilisha Shukla & Mr. Shreyash Gupta U.G. Student

Institutional Hostel & Hospitality Committee (IHHC)

The primary function of this Committee is to provide for overall development of all the inmates of the hostel as well as teaching and non-teaching staff residing in the campus of SDC. Help foster and promote a healthy, friendly, welcoming and caring atmosphere among resident students and staff. Promote fellowship throughout the organization. Make recommendations on admissions to hostel, leave policy for hostel inmates, discipline of resident students, maintenance and development of hostel and any other matter pertaining to the hostel administration functioning. The IHHC comprises of the following members:

Chairman	: Dr. Saumya Navit, Prof. & HOD, Department of Pedodontics & Preventive Dentistry, SDC
Ex-Officio Member	: Dr. RS Bedi, Principal & Head, Department of Oral & Maxillofacial Surgery, SDC
Member Secretary	: Dr. Shruti Sinha, Sr. Lecturer, Department of Oral Medicine & Radiology, SDC
Member	: Dr. SA Khan, Professor, Department of Paediatric & Preventive Dentistry, SDC
Member	: Dr. Parul Tandon, Reader, Department of Oral & Maxillofacial Surgery, SDC
Member	: Dr. Pratik Chandra, Reader, Department of Orthodontics & Dentofacial Orthopedics, SDC
Member	: Dr. Ayush Razdan Singh, Professor, Department of Conservative Dentistry & Endodontics, SDC
Member	: Dr. Sudhanshu Srivastava, Sr. Lecturer, Department of Prosthodontics and Crown & Bridge, SDC
Member	: Mr. VK Dixit, Administrative Officer, SDC
Student Member	: Dr. Priyanka & Dr. Pranshu Mathur P.G. Student
Student Member	: Miss Mumtaz & Mr. Nabajyoti Barman U.G. Student



Institutional Human Ethics Committee (IHEC)

The primary function of this Committee is to supervise safety, rights and welfare of human patients/volunteers/participants in research/clinical trials. The investigators follow guidelines laid down by the Committee for preparation and execution of research projects/clinical trials. Written Informed Consent is obtained from the patients/participants/volunteers at the time of recruitment before start of study. The IHEC comprises of the following members:

Advisor	: Dr. Rajat Mathur, President, SDC
Chairman	: Dr. BP Mathur, Principal, Saraswati Medical College
Ex-Officio Member	: Dr. RS Bedi, Principal & Head, Department of Oral & Maxillofacial Surgery, SDC
Member Secretary	: Dr. Vivek K. Bains, Professor & HOD, Department of Periodontology, SDC
Member	: Dr. RM Mathur, Director, HR, SDC. Formerly, Principal & Head, Department of Oral Pathology & Microbiology, SDC
Member	: Dr. Arvind Tripathi, Professor & Head, Department of Prosthodontics and Crown & Bridge, SDC
External Member	: Mr. Vijay Acharya, Advocate, Lucknow
External Member	: Mrs. Kusumangini Mathur, House wife, Socially Aware Person
External Member	: Mr. Siddhartha Kapoor, Modern School, Lucknow, Eminent Educationist



Institutional Library & Learning Resources Committee (ILLRC)

The major objective of this Committee is to enrich the Institutional Library as per international standards, maintain and assess the standards and quality of library services at regular intervals, recommend policies and procedures to ensure optimum use of library resources, review library materials including use of online resources to provide uninterrupted services to the faculty and students, obtain regular feedbacks from its users and to find out appropriate solutions, maintain liaison with the faculty and the students to ensure adequate use of library resources, devise methods to keep the faculty and students informed about library services and policies, educate the library staff about prevailing work practices in other institutional libraries, formulate rules and regulations to ensure upkeep and optimal use of library books, journals, computers, internet facility and library materials and prevent their loss/damage/misuse, motivate library staff to enhance their skill and expertise in conventional and e-library associated services and operations, suggest ways and means to generate revenue from library resources, allocate annual budget for SDC library and for departmental library, monitor and evaluate, from time to time, trends and developments in information technologies, networking, library automation, library cooperation etc., and to direct the library in their adoption. The ILLRC comprises of the following members:

Chairman	:	Dr. Anil Singh, Professor & Head, Department of Oral Pathology & Microbiology, SDC
Ex-Officio Member	:	Dr. RS Bedi, Principal & Head, Department of Oral & Maxillofacial Surgery, SDC
Member Secretary	:	Dr. Kunal Sah, Professor, Department of Oral Pathology & Microbiology, SDC
Member	:	Dr. Raju Chauhan, Reader, Department of Conservative Dentistry & Endodontics, SDC
Member	:	Mrs. Sunita Srivastava, Librarian, SDC
Co-opted Member	:	Mrs. Charul Rastogi, Assistant Librarian, SDC
Member	:	Dr. Siddharth Singh, Reader, Department of Oral Medicine & Radiology
Member	:	Dr. Palkin Mehta, Sr. Lecturer, Department of Oral Medicine & Radiology
Student Member	:	Dr. Madhur Garg, P.G. Student
Student Member	:	Miss Sheetal & Mr. Shivam Chitley U.G. Student



Institutional Placement and Guidance Committee (IPGC)

The primary function of this Committee is to provide information about employment opportunities and professional training to students. At SDC, we foster a climate where there is collaboration with the Medical Devices and Healthcare Industry in the areas of development. The IPGC of the Institute centrally handles campus placements of the graduating students. The Committee provides complete support to the visiting companies at every stage of placement process. This Committee moulds the students to meet the corporate expectations and place them in reputed position in companies. Job oriented courses and special training programs are regularly conducted. SDC also welcomes guest lectures, visiting faculty members for providing specialised training to students and faculty members. The IPGC comprises of the following members:

Chairman	:	Dr. Ragini Tandon, Professor & Head, Department of Orthodontics & Dentofacial Orthopedics, SDC
Ex-Officio Member	:	Dr. RS Bedi, Principal & Head, Department of Oral & Maxillofacial Surgery, SDC
Member Secretary	:	Dr. Shally Mahajan, Professor, Department of Orthodontics & Dentofacial Orthopedics, SDC
Member	:	Dr. Kamlesh Singh, Professor, Department of Orthodontics & Dentofacial Orthopedics, SDC
Member	:	Dr. Pushpendra K Verma, Reader, Conservative Dentistry & Endodontics
Member	:	Dr. Shomaila Ahmad, Sr. Lecturer, Department of Oral Pathology & Microbiology, SDC
Student Member	:	Dr. Akanksha Pandey & Dr. Vineet K Pandey P.G.Student
Student Member	:	Miss Sneha U.G. Student



Institutional Purchase & Maintenance Committee (IPMC)

The primary objective of this Committee is to prepare guidelines, device policies and oversee systematic and timely procurement, maintenance and condemnation of materials, equipments and items of the institute, invite purchase requirements from Departments and Institutional Committees as well as scrutinizing requisitions for buying different items from the Departments, finalize list of consumable and non-consumable items in consultation with the Principal and Management, prepare and forward consolidated lists to Purchase Section for processing, quality control of all purchase items, review and identify areas other than buildings where regular maintenance activities are necessary and finalize complete process of AMC of all major equipments, servicing/maintenance/repair of all equipments and infrastructures not covered under AMC, invite requirement from Departments and Institutional Committees for condemning of products/items/equipments etc. and finalize such lists, maintain records of all purchases, procurements including quality control assessments, prepare six monthly and yearly reports of consumption and future projections of various requirements, constitute condemnation board for disposal of various condemn items, monitor purchase activity and store management so as to render it efficient, monitor maintenance protocol to meet the requirement(s) in a cost effective and time efficient manners. The IPMC comprises of the following members:

Chairman	: Dr. Rajat Mathur, President, SDC
Ex-Officio Member	: Dr. RS Bedi, Principal & Head, Department of Oral & Maxillofacial Surgery, SDC
Member Secretary	: Dr. Chetan Chandra, Professor, Department of Periodontology, SDC
Member	: Dr. Lt. Col. Sandhya, Principal, Birendra Shankar Mathur School of Nursing
Member	: Dr. Praveen Singh Samant, Prof.& HOD, Department of Conservative Dentistry & Endodontics, SDC
Member	: Superintendent, SHRC
Member	: Mr. VK Dixit, Administrative Officer, SDC



Institutional Research & Development Committee (IRDC)

The primary objective of this Committee is to promote research and develop scientific acumen within the institution by organising and augmenting scientific research activity in thrust areas as per national needs and international standards, thus enhancing institutional capabilities in research and academics. The IRDC comprises of the following members:

Chairman	: Dr. Rajat Mathur, President, SDC
Ex-Officio Member	: Dr. RS Bedi, Principal & Head, Department of Oral & Maxillofacial Surgery, SDC
Member Secretary	: Dr. Vivek K Bains, Professor & HOD, Department of Periodontology, SDC
Advisor	: Dr. RM Mathur, Director, HR, SDC
Advisor	: Dr. BP Mathur, Principal, SMC
Advisor	: Dr. Asha Mathur, Head, Department of General Pathology & Microbiology, SDC
External Member	: Er. Pankaj Agarwal, Chancellor, Shri Ramswaroop Memorial University, Lucknow
Member	: Dr. Arvind Tripathi, Professor & Head, Department of Prosthodontics and Crown & Bridge, SDC
Member	: Dr. Sunira Chandra, Reader, Department of Oral Medicine & Radiology, SDC



Internal Quality Assurance Committee (IQAC)

Management Representative	:	Dr. Rajat Mathur, President, SDC
Chairperson	:	Dr. RS Bedi, Principal, SDC
Co-ordinator/ Director	:	Dr. Kunal Sah, Professor, Department of Oral Pathology & Microbiology, SDC
Local Society	:	Mrs. Kusumangini Mathur
Employers/ Industrialist/ Stakeholders	:	Cdr. Sumit Ghosh
Member	:	Dr. Asha Mathur, Prof. & HOD, Department of General Pathology & Microbiology, SDC
Member	:	Dr. Arvind Tripathi, Prof. & HOD, Department of Prosthodontics and Crown & Bridge, SDC
Member	:	Dr. Alka Yadu, Prof. & HOD, Department of Biochemistry, SDC
Member	:	Dr. Ragini Tandon, Prof. & HOD, Department of Orthodontics & Dentofacial Orthopaedics, SDC
Member	:	Dr. Praveen Singh Samant, Prof. & HOD, Department of Conservative Dentistry & Endodontics, SDC
Member	:	Dr. Anil Singh, Prof. & HOD, Department of Oral Pathology & Microbiology, SDC
Member	:	Dr. Saumya Navit, Vice-Principal, SDC
Member	:	Dr. Vivek Bains, Prof. & HOD, Department of Periodontology, SDC
Member	:	Dr. Sunira Chandra, Prof. & HOD, Department of Oral Medicine & Radiology, SDC
Member	:	Dr. Pallavi Singh, Sr. Lecturer, Department of Public Health Dentistry, SDC
Alumni Member	:	Dr. Devendra Chopra, Reader, Department of Prosthodontics and Crown & Bridge, SDC
Alumni Member	:	Dr. Shamita Dubey, Sr. Lecturer, Department of Oral & Maxillofacial Surgery, SDC
Administrative Officer, SDC	:	Mr. VK Dixit
Administrative Officer SHRC	:	Mr. Anurag Singh
Student Members	:	Dr. Pranshu Mathur & Dr. Nilisha Shukla P. G. Students



Institutional Publicity Committee

Chairperson	:	Mrs. Ritu Mathur, Director- HRD
Member Secretary	:	Dr. Pallavi Singh, Sr. Lecturer, Department of Public Health Dentistry, SDC
Member	:	Dr. Nitin Jhunjhunwala, Sr. Lecturer, Department of Conservative Dentistry & Endodontics, SDC
Member	:	Dr. Rishikant Shukla, Patient Welfare Officer, SDC
Member	:	Mrs. Tanu Dubey
Student Member	:	Dr. Rinee Khanna PG Student
Student Member	:	Mr. Md. Waquar & Miss Saumya Mishra UG Students



Institutional Publication & Scientific Journal Committee

Advisor	:	Dr. Rajat Mathur, President, SDC
Advisor	:	Dr. R.M. Mathur
Chairperson	:	Dr. R.S. Bedi, Principal, SDC
Member Secretary	:	Dr. Saumya Navit, Vice-Principal, SDC
Member	:	Dr. Arvind Tripathi, Prof.& HOD, Department of Prosthodontics and Crown & Bridge, SDC
Member	:	Dr. Ragini Tandon, Prof.& HOD, Department of Orthodontics & Dentofacial Orthopedics, SDC
Member	:	Dr. Vivek Bains, Prof.& HOD, Department of Periodontology, SDC
Member	:	Dr. S.A. Khan, Professor, Department of Pedodontics & Preventive Dentistry, SDC
Member	:	Dr. Ruchi Srivastava, Reader, Department of Periodontology, SDC
Member	:	Dr. Ipshita Potlia, Sr. Lecturer, Department of Public Health Dentistry, SDC
Member	:	Dr. Akanksha Dubey, Lecturer, Department of Periodontology, SDC



The Administration

MR. V.K. Dixit	:	Administrative Officer
Mr. Kuldeep Singh	:	Asst. Administrative Officer
Mr. Awadhesh Singh Rathore	:	Public Relations Officer
Mr. Angad Mishra	:	Legal Advisor
Mrs. TanuDubey	:	Asst. HR Manager
Mr. SanjeevShukla	:	System Administrator
Mr. Jagdish Prasad Maurya	:	Senior Accountant
Mr. Ajay Mishra	:	Accountant
Mr. SumitVerma	:	Accountant
Mr. Neel Saxena	:	Accountant Manager
Mr. Shoor Beer Singh Rawat	:	Purchase Officer
Mr. G. N. Chaturvedi	:	Incharge, Medical Store
Mr. PS Saini	:	Incharge, General Store
Mrs. SunitaSrivastava	:	Librarian
Mr. BrijeshAwasthi	:	Jr. Librarian
Mrs. CharulRastogi	:	Jr. Librarian
Ms. AnjuKashyap	:	Reprographer
Mr. Kaushal Kishore	:	Jr. Librarian
Mr. UpendraNathDwivedi	:	Jr librarian Assistant
Mr. Mohd. ShaheerWarsi	:	Incharge, Photography Section
Mr. Satish Chand	:	Maintenance Supervisor
Mrs. Kavita Bhatia	:	Receptionist
Mr. Rinku Singh	:	OPD Clerk
Mr. Anil Kumar Verma	:	OPD Clerk
Ms. Swati Srivastava	:	OPD Receptionist
Mr. PraveshVishwakarma	:	OPD Receptionist
Mr. PramodSrivastava	]	
Mr. NB Mishra		
Mr. Kaushlendra Kashyap	:	Office Staff
Mr. Praveen Trivedi		
Ms. ShaliniSrivastava	]	
Mr. Arun Kumar Bisht	:	Hostel Warden

Mr. Anil PrakashSaxena	:	Hostel Warden
Ms. Sunita Paul	:	Hostel Warden
Ms. Usha Charles	:	Hostel Warden

Mr. Veerendra Kumar	:	Jr. Electrician
Mr. Aman Kumar	:	Jr. Electrician
Mr. Pradeep Kumar	:	Jr. Electrician
Mr. Balram Singh	:	Jr. Electrician
Mr. Ram Sumiran	:	Jr. Electrician
Mr. Anand	:	Jr. Electrician
Mr. Rajesh	:	Jr. Electrician
Mr. Deepak Saini	:	Jr. Electrician

Mr. Krishna Kumar	:	Lift Man
Mr. TN Pandey	:	Lift Man

Mr. Jagdish Sharma	:	Carpenter
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Mr. Mani Ram Yadav	:	Plumber
Mr. Surendra Kumar	:	Plumber

Mr. Santosh Kumar Srivastava	]	
Mr. Ajay Kumar Singh		
Ms. MansiMathur		:
Mr. Deepak Singh		Support Staff
Ms. Seema Singh		
Ms. SheelaPathak	]	





Section I
Research Output

Publications

The institute publishes the following documents to enrich knowledge, skills and attitude of students and faculty:

- **Annual Report:** It is compiled to highlight academic, research, patient care and social outreach activities. First Annual Report for the period April 2012-March 2013 was released by Dr. Debyendu Mazumdar, President, Dental Council of India on 25 April 2013 during his visit to this institute. Annual Report and Publications for the period April 2013-March 14 were released by the Chairman, Saraswati Dental College on 14 Nov. 2014. Current issue is fifth edition of Annual Reports for year 2018-19.
- **SDC Bulletin**, a Quarterly Newsletter, is published online on regular basis in the first half of January, May and September each year from year 2010. Each issue of this Bulletin highlights institutional activities including research publication, brief case report, education and health outreach activities of Saraswati Dental College and suggestive reading. SDC Bulletin predominantly designed and compiled by students. All issues are available on SDC website at www.sdclucknow.com/page.php?&PageID=101
- The institute publishes a scientific journal “Asian Journal of Oral Health & Allied Sciences (AJOHAS)”. Students are encouraged to publish their research work/case presentations in this journal. AJOHAS is the official publication of the Saraswati Medical & Dental College Society, Lucknow, India and is published in both the Print (ISSN 0975-5152) as well as the Online (ISSN 2231-4393) versions. It is a double blind peer reviewed journal aimed to convey scientific progress in the field of dentistry to those concerned with application of this knowledge for the benefit of dental health of the community. It publishes unusual and interesting case reports, review articles, practice papers and short communications. Current Index Copernicus value for AJOHAS is 58.09. Journal is available on-line on www.sdclucknow.com/page.php?&PageID=116.

2018

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4. Kumar S, Chauhan A, Kumar A, Singh SK, Gupta A, Roy S, Chourasia SK. Dental fluorosis and associated risk factors in early adolescents in India. International Journal of Adolescent Medicine and Health. 2018; 20170200

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13. Yadav A, Kulshreshtha R, Mathur P. Few controversies in orthodontics - Evidence based studies. *Indian Journal of Orthodontics and Dentofacial Research*, July-September 2018;4(3):129-137
14. Ashraf K, Kulshrestha R, Azam A, Shabir S, Kaur H. Soft tissue analysis of chin, upper lip length and thickness in patients with different mandibular divergent patterns - A cephalometric study. *Indian Journal of Orthodontics and Dentofacial Research*, April-June, 2018;4(2):88-93
15. Rohmetra A, Tandon R, Jaiswal A, Singh K, Chandra P. De-rigueur protocol: Sterilization in orthodontics. *Int J Orofac Res* 2018;3:5-13.

16. Agarwal L, Singh K, Tandon R. Treatment of Class II Div 2 Malocclusion using PowerScope: A Case Report.
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Section II

Departmental Achievements

A. Dental Sciences

Department of Conservative Dentistry & Endodontics

The Staff

Professors

Dr. Praveen Singh Samant, M.D.S., *Head of the Department*

Dr. Vipul Srivastava, M.D.S.

Dr. Ayush Razdan Singh

Dr. Raju Chauhan



Readers

Dr. Pushpendra Verma, M.D.S.

Dr. Ajay Paliwal

Dr. Gaurav Jain

Senior Lecturers

Dr. Nitin Jhunjhunwala

The Charter

The Department of Conservative Dentistry deals with the diagnosis, treatment and prognosis of defects of teeth that do not require full coverage restorations for correction which results in the restoration of proper tooth form, function and esthetics while maintaining the physiologic integrity of the teeth in harmonious relationship with the adjacent hard and soft tissues. The scope and the arena of this Department include the treatment provided by fillings in the form of, Silver Amalgam, Composite, Glass Ionomer Cement and Direct Filling Gold. The teeth which cannot be restored by conventional means are restored by putting metallic inlay, onlay, crowns which will be metal ceramic or all ceramic. The management of teeth which are infected is undertaken by providing state of art Root Canal Treatment and, if need be, then surgical intervention is done. By far, the endeavor is to conserve all teeth including, if possible, the so called wisdom teeth, giving them not only functional support but providing esthetically pleasing and effective smile line. For this, veneering, bleaching and all ceramic work is also undertaken.

The Department is equipped with advanced dental chairs, dental equipments, microscope, intra-oral radiographic machines including radiovisiography with digital printer and sophisticated methods for sterilization of instruments so as to render quality care and well being of the patients.

The Department offers three year post-graduate programme in addition to under-graduate teaching as per DCI norms and endeavors to provide adequate knowledge, necessary skills and reasonable attitude for carrying out activities appropriate for dental practice. The students are exposed to a wide range of dental problems to get extensive clinical experience.

The faculty members are assigned the responsibility to guide final year students with their quota assigned by the DCI, periodically assess the students theoretically and clinically, keep record of the follow-up and research projects undergoing in the department, guide the interns to fulfill quota assigned by the DCI, conduct seminars and supervise project work of the Interns.

Research thrust areas

- Antimicrobial efficacy of various dentin bonding agents.
- Effect of time and ultrasonic activation on carbonated water on smear layer removal using scanning electron microscopy.
- Sealing ability of conventional sealers with bio-root, RCS and gutta flow.
- Push out bond strength of glass fiber post luted with different luting cements
- Accuracy of two apex locator using K-File, NiTi Hand File and Custom made wire.
- Different irrigating solutions on micro hardness on root canal study
- Evaluation of post obturation pain in single visit endodontic treatment after premedication
- Comparative evaluation of efficacy of EDTA, carbonated water and chloroquick in smear later removal
- Comparative Evaluation of shear bond strength between alkasite restorative material and resin based composite
- Comparison of platelet rich fibrin and mineralized freeze dried bone allograft to radiographically evaluate healing post endodontic surgery
- Antimicrobial efficacy of herbal extracts against *Enterococcus faecalis*-*candida albicans* compared to Chlorhexidine-sodium hypochlorite
- Comparative evaluation of sealing ability of three coronal orifice barriers

Ongoing research projects

A. Faculty

Dissertation of M.D.S. students

A. Ongoing

- **Dr. Ipsita Pathak**

Evaluation of post-obturation pain in single visit endodontic treatment after premedication with oral anti-inflammatory and antibiotic: an in vivo study

- **Dr. Sheikh Nazia Ali**

Comparative evaluation and efficacy of EDTA, Carbonated water and Chloroquick (commercially available irrigating agent consisting of etidronic acid and sodium hypochlorite) in smear layer removal using scanning electron microscopy: an in vitro study

- **Dr. Kishan Agarwal**

A comparative evaluation of the shear bond strength between alkasite restorative material and resin based composite material: an in vitro study

- **Dr. Madhur Garg**

Comparison of platelet rich fibrin and minearalised freeze dried bone allograft to radiographically evaluate healing post endodontic surgery: an in vivo study

- **Dr. Shobhit Pratap Singh**

Antimicrobial efficacy of herbal extracts against *Enterococcus faecalis* and *Candida albicans* as compared to Chlorhexidine and sodium hypochlorite: an in vitro study

- **Dr. Sapna Yadav**

A comparative evaluation of sealing ability of three coronal orifice barriers: an in vitro study

B. Dissertation Submitted

- **Dr. Ankit Saha**

An in vitro comparative evaluation of antimicrobial efficacy of various dentin bonding agents.

Supervisor: Dr. Praveen Singh Samant

Co-Supervisors: Dr. Raju Chauhan

- **Dr. Megha Gupta**

Effect of time and ultrasonic activation on carbonated water on smear layer removal using scanning electron microscopy.

Supervisor: Dr. Vipul Srivastava

Co-Supervisors: Dr. Neeraj Kumar /Dr. Kavita Verma/Dr.Nitin Jhunjhunwala

- **Dr. Nitu Chaubey**

Comparative evaluation of sealing ability of conventional sealers with bio-root, RCS and gutta flow.

Supervisor: Dr. Vipul Srivastava

Co-Supervisors: Dr. Ayush Razdan Singh / Dr. Praveen Singh Samant

- **Dr. Rahul Kumar Rai**

Push out bond strength of glass fiber post luted with different luting cements-An in vitro study.

Supervisor: Dr. Ayush Razdan Singh

Co-Supervisors: Dr. Vipul Shrivastava/ Dr. Raju Chauhan

- **Dr. Shilpi Gupta**

Comparative evaluation of accuracy of two apex locator using K-File, NiTi Hand File and Custom made wire- An in-vitro study.

Supervisor: Dr Praveen Singh Samant

Co-Supervisor: Dr. Pushpendra Kumar Verma

- **Dr. Hardeep Kaur**

Comparative Evaluation of different irrigating solutions on micro hardness on root canal study- An in vitro study.

Supervisor- Dr. Praveen Singh Samant

Co-Supervisors: Dr. Pushpendra Kumar Verma /Dr. Kavita Verma

C. M.D.S. Degree awarded

- **Dr. Isha Singh**

Effectiveness of three different gutta percha removing techniques: An in vitro study.

Supervisor: Dr. Vipul Srivastava

Co-Supervisors: Dr. Neeraj Kumar/Dr. Raju Chauhan/ Dr. Gaurav Jain

- **Dr. Raazia Khan**

Comparative evaluation of apical extrusion of debris using protaper next, F360, Hero Shaper, Hand K File system: An in vitro study.

Supervisor: Dr. Praveen Singh Samant

Co-Supervisors: Dr. Ayush Razdan Singh / Dr. Raju Chauhan / Dr. Kavita Verma

- **Dr. Shadabul Islam**

Comparative study of various rotary file system in evaluation of dentinal micro cracks formation during root canal preparation: An in vitro study.

Supervisor: Dr. Praveen Singh Samant

Co-Supervisors: Dr. Ayush Razdan Singh / Dr. Pushpendra Kumar Verma

- **Dr. Vineet Kumar Pandey**

Evaluation of thickness of root canal wall after removal of Gutta Percha and sealer in retreatment: An in vitro study.

Supervisor: Dr. Vipul Srivastava

Co-Supervisors: Dr. Neeraj Kumar / Dr. Pushpendra Kumar Verma

- **Dr. Mariyam Khan**

Comparative evaluation of antimicrobial effectiveness of Nisin: Amox-clavulanic Acid (Augmentin) & chlorhexidine: An in vitro study.

Supervisor: Dr. Praveen Singh Samant

Co-Supervisors: Dr. Neeraj Kumar / Dr. Raju Chauhan

- **Dr. Humaira Jabeen Tamanna**

Evaluation of shear bond strength of composite repairs: An in vitro study.

Supervisor: Dr. Vipul Srivastava

Co-Supervisors: Dr. Ayush Razdan Singh / Dr. Pushpendra Kumar Verma /Dr. Kavita Verma.

Membership of Scientific Societies, Committees etc.

<u>Name</u>	<u>Membership details</u>
Dr. Praveen Singh Samant	Life Member, Indian Association of Conservative Dentistry & Endodontics Life Member, KGMCA Alumni Association Life Member, Indian Dental Association
Dr. Vipul Srivastava	Life Member, Academy of Laser Dentistry Life member, Indian Association of Conservative Dentistry & Endodontics

	Life Member, Indian Dental Association
Dr. Ayush Razdan Singh	Life Member, Indian Association of Forensic Odontology Life Member, Indian Association of Conservative Dentistry & Endodontics
Dr. Raju Chauhan	Life Member, Indian Association of Conservative Dentistry & Endodontics
Dr. Pushpendra Kumar Verma	Life Member, Indian Association of Conservative Dentistry & Endodontics
Dr. Ajay Paliwal	Life Member, Indian Association of Conservative Dentistry & Endodontics
Dr. Gaurav Jain	Life Member, Indian Association of Conservative Dentistry & Endodontics Member Reviewer Board- 'Dental Research Journal', a PubMed Indexed Journal of Isfahan University of Medical Sciences, Iran. (ISSN: 1735-3327) Member Reviewer Board- 'Indian Journal of Dental Research', PubMed Indexed Journal of Indian Society for Dental Research, division of the International Association for Dental Research (IADR), USA. (ISSN: 0970-9290)
Dr. Nitin Jhunjunwala	Life Member, Indian Association of Conservative Dentistry & Endodontics

Details of outstanding participation by faculty

Aug 18	Dr. Praveen Singh Samant Participated in conference course as organizing committee during UP Dental Show
Oct 18	Dr. Raju Chauhan Chairperson at Dasana International Dental Conference, Constitution Club of India, New Delhi
Oct 18	Dr. Praveen Singh Samant Conducted pre-conference course on rotary endodontics at the Global India Conclave organized by academy of dentistry India Chapter

Seminars/Conferences/Workshops organized and CDEs, CMEs, Workshops, Training Programs, Lectures, Seminars attended

Organized

Date	Programme
Aug 18	Dr. Praveen Singh Samant Participated in conference course as organizing committee during IDA National Conference and UP Dental Show
Oct 18	Dr. Praveen Singh Samant Conducted pre-conference course on rotary endodontics at the Global India Conclave organized by academy of dentistry India Chapter
23 Jan 19	Dr. Ayush Razdan Singh Dr. Pushpendra Verma Faculty development program on teaching and learning, SDC, Lucknow
8 Feb 19	Dr. Pushpendra Verma Dr. Gaurav Jain CDE on Occlusal Concepts in Prosthodontics, Career Dental College, Lucknow

Date	Details of program attended	Name of Faculty
Jan 18	CDE in Basic to advance Implantology, KGMU, Lucknow	Dr. Gaurav Jain
Feb 18	CDE in 1 st National Symposium Indian Society of Dental Traumatology	Dr. Gaurav Jain
Aug 18	Participated in conference course during UP Dental Show and IDA National Conference	Dr. Raju Chauhan
Oct 18	CDE of ADI Global Conclave organized by Academy of Dentistry India Chapter at Lucknow	Dr. Gaurav Jain
Feb 19	Participated in Module I of workshop on Implantology surgical and prosthetic procedures, Lucknow	Dr. Raju Chauhan Dr. Pushpendra Verma Dr. Nitin Jhunjhunwala

Students**CDEs, CMEs, Workshops, Training Programs, Lecture sand Seminars attended**

Programme	Students
UP Dental Show, 4-5 Aug 2018 at IGP, Lucknow	Dr. Kishan Agarwal, Dr. Madhur Garg, Dr. Karishma, Dr. Ritwik, Dr. Shreya Singh, Dr. Shreya, Dr. Vandita, Dr. Varnika
Lecture on evolution of endodontic procedures organised by dentsply sirona, 16 Sep 2018	Dr. Kishan Agarwal, Dr. Madhur Garg, Dr. Ipsita, Dr. Sapna, Dr. Nazia, Dr. Shobhit, Dr. Karishma, Dr. Ritwik, Dr. Shreya Singh, Dr. Shreya, Dr. Vandita, Dr. Varnika
CDE in Career Dental College organised by IDA, 8 Dec 2018	Dr. Kishan Agarwal, Dr. Madhur Garg, Dr. Ipsita, Dr. Sapna, Dr. Nazia, Dr. Shobhit, Dr. Karishma, Dr. Ritwik, Dr. Shreya Singh, Dr. Shreya,

	Dr. Vandita, Dr. Varnika
CDE on 'Magnification and beyond' at KGMC, Lucknow on 5 th February, 2019	Dr. Shreya, Dr. Varnika Yadav, Dr. Shreya Singh, Dr. Vandita
20th National PG Convention, Chandigarh from 7-10 March, 2019	Dr. Shreya, Dr. Varnika Yadav, Dr. Vandita
CDE on Rubberdamology at Hotel Lineage, Lucknow, 10 th March 2019	Dr. Kishan Agarwal

Students Presented

Poster Presentation at 20th National PG Convention, Chandigarh from 7-10 March, 2019	Dr. Shreya, Dr. Karishma Anna Barrow, Dr. Varnika Yadav, Dr. Shreya Singh, Dr. Vandita
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Department of Oral & Maxillofacial Surgery

The Staff

Professors

Dr. RS Bedi, M.D.S., Head of the Department

Dr. Jitender kr Aurora M.D.S



Readers

Dr. Parul Tandon

Dr. Karan Punj, M.D.S.

Dr. Nimish Gupta M.D.S.

Dr. Saif Rauf Siddiqui, MDS

Senior Lecturers

Dr. Suyash Agarwal, M.D.S.

Dr. Shiva Mani

Dr. Himanshu Chauhan

The Charter

The Department deals with the academic and clinical activities related to oral and maxillofacial surgery in addition to research work. The academic activities involve teaching programme for undergraduate third and final year and postgraduate students. At the postgraduate level the Department is involved in imparting comprehensive knowledge of the speciality subject i.e., oral surgery and craniomaxillofacial surgery, in addition awareness on basic subjects like anatomy, embryology, biochemistry, physiology, pathology, pharmacology, general surgery and general medicine etc.

At clinical level, Department is equipped with latest state of art equipment. The faculty in the Department is well trained and experienced to perform major and minor maxillofacial surgical procedures. Faculty routinely performs minor oral surgical procedures which include simple extractions, surgical extractions, apicectomies, dental implant insertion and sinus lift procedures, cyst enucleations, incision and drainage, biopsies and neurectomies etc. Major maxillofacial surgical procedures which are routinely performed are for management of conditions like polytrauma, temporomandibular joint diseases, cleft lip and palate cryosurgical treatment of soft tissue lesions orthognathic surgeries, facial esthetic procedures head & neck oncosurgeries, resection and reconstruction procedures etc. The Department is looking forward to incorporate laser and operating light mounted CCTV cameras in the Department armamentarium.

The Department also trains undergraduate students clinically to perform minor surgical procedures and postgraduate students to perform minor surgeries and assist and perform major maxillofacial surgical procedures.

Research thrust areas

- Pre-cancerous lesions
- Tissue engineering/ regeneration
- Integrated approach towards rehabilitation
- Integration with AYUSH
- Biomarkers for oral cancer

Ongoing research projects

A. Faculty

- Modification of arch bars used for inter maxillary fixation in maxillofacial surgery
Principal Investigator: Dr. Saif R Siddiqui
Co-Investigator: Dr. R.S.Bedi
- Prevalence of Transmigratory Canines: A radiological study
Principal Investigator: Dr. Puneet Wadhvani
Co-Investigator: Dr.R.S.Bedi
Dr. Saif R Siddiqui
Dr. Tasveer Fatima
- Establishing new guidelines for documenting buccal mucosal suppleness.
Principal Investigator: Dr. R.S.Bedi
Co-Investigator: Dr. Jitender kr Aurora

B. Dissertation of M.D.S. students

ONGOING:

Dr. Govind Vishwakarma

Comparison of salivary and plasma cortisol levels in patients of oral squamous cell carcinoma pre and post operatively.

Supervisor: Dr. R.S. Bedi

Co – supervisor: Dr. Jitender K Aurora

Dr. Priyanka Singh

Evaluation of salivary and plasma melatonin levels in patients of oral squamous cell carcinoma pre and post operatively

Supervisor: Dr. R.S. Bedi

Co – supervisor: Dr. Jitender K Aurora

Dr. Sagar Ganvir

To compare plasma and salivary levels of salivary alpha amylase in healthy patients with patients suffering from oral squamous cell carcinoma pre and postoperatively.

Supervisor: Dr. Jitender Kumar Aurora

Co- supervisor: Dr.R.S Bedi

Dr. Akash Gupta

Evaluation of bone regeneration in sinus augmentation procedure using blood coagulum versus mesenchymal stem cells: a comparative study.

Supervisor: Dr. Jitender Kumar Aurora

Co – Supervisor: Dr. R.S Bedi

Dr. M. Sharique Syed

Bone specific alkaline phosphatase as a prognostic marker of maxillofacial fracture healing .

Supervisor: Dr. R.S. Bedi

Co- supervisor: Dr. Jitender K Aurora

Dr. Priyatam Mishra

Comparison of paresis of temporofacial branch of facial nerve in classic alkayat Bramley approach versus deep subfascial approach

Supervisor: Dr. R.S. Bedi

Co-Supervisor: Dr. Jitender K Aurora

Dr. Mrinalini Mathur

Comparison of freshly prepared versus freeze dried human amniotic membrane in oral soft tissue defects.

Supervisor: Dr. Jitender K Aurora

Co-Supervisor: Dr.R.S Bedi

Dr.Zeeshan Khan

Evaluation of soft tissue changes after genioplasty on cone beam computed tomography .

Supervisor: Dr. R.S. Bedi

Co-Supervisor: Dr.Jitender K Aurora

Dr. Lavesb

Comparative study between extended nasolabial flap versus platysma musculocutaneous muscle flap in OSMF cases.

Supervisor: Dr. Jitender Kumar Aurora

Co-Supervisor: Dr.R.S Bedi

Dr.Preeti Sharma

A comparative study to evaluate intra-articular injection of iprf versus platelet rich plasma in management of TMDs.

Supervisor: Dr. Jitender Kumar Aurora

Co-Supervisor: Dr. R.S Bedi

M.D.S. Thesis submitted**Dr. Adrineel Banerjee**

Comparative evaluation of applicability of human amniotic membrane versus human chorion in oral and maxillofacial region.

Supervisor: Dr.R.S.Bedi

Co-Supervisor: Dr.Jitender Kr Aurora

Dr. Charu kirti

Comparison of efficacy of intra articular injection of platelet rich plasma versus hyaluronic acid in temporomandibular disorders.

Supervisor: Dr.R.S.Bedi

Co-Supervisor: Dr.Jitender Kr Aurora

Dr. Harsh Verma

Comparative study of conventional hair transplant versus platelet rich plasma imbibed hair transplant

Supervisor: Dr.Jitender Kr Aurora

Co-Supervisor: Dr.R.S.Bedi

Dr. Rachana Singh

A comparative study between conventional direct sinus lift technique versus direct sinus lift with lateral approach sinus kit (las-kit)

Supervisor: Dr.PuneetWadhwani

Co-Supervisor:Dr.R.S.Bedi

Dr. Shambo Dey

A comparative study of three dimensional plate versus miniplate in the management of mandibular symphysis and parasymphysis fractures.

Supervisor: Dr.PuneetWadhwani

Co-Supervisor: Dr.R.S.Bedi

M.D.S. Degree awarded**Dr. Amartya**

Effects of various routes of administration of methyprednisolone on swelling, trismus and pain in impacted mandibular third molar surgery.

Supervisor: Dr.PuneetWadhwani

Co-Supervisor: Dr.R.S.Bedi

Dr. Arpita

Study of normal anatomy of mandibular canal and its variations in Indian population using CBCT.

Supervisor: Dr.R.S.Bedi

Co-Supervisor: Dr. Puneet wadhwani

Dr. Radhika

Comparison of an alveolar expansion technique ad buccal guttering technique in mandibular third molar.

Supervisor: Dr.Jitendra K Aurora

Co-Supervisor: Dr.R.S.Bedi

Dr. Shamita

Comparison of immediate implant placement following extraction with or without socket shield technique in aesthetic region.

Supervisor: Dr.PuneetWadhwani

Co-Supervisor: Dr.R.S.Bedi

Dr. Shrikant

Versatility of human amniotic membrane in oral and maxillofacial surgery.

Supervisor: Dr.R.S.Bedi

Co-Supervisor: Dr.PuneetWadhwani

Membership of Scientific Societies, Committees etc.NameMembership details

Dr. R.S. Bedi

Life Member, Association of Oral & Maxillofacial Surgeons of India
Life Member, Indian Dental Association
Executive Member, AOMSI (UP State Chapter)
Editor, Asian Journal of Oral Health & Allied Sciences
Member, Editorial Board, Era's Journal of Medical Research

Co-opted Member, Board of Studies, Dr. RML Avadh University for UG and PG.

Dr. Puneet Wadhvani Life Member, Association of Oral & Maxillofacial Surgeons of India
Member, Asian Journal of Oral Health & Allied Sciences.

Faculty Invited to Deliver Guest Lectures

- Dr. R.S. Bedi
International Craniofacial and Dental Summit, 2-4 Feb 2017.
International Academy of Oral Oncology, 13 Feb 2017.
- Dr. Puneet Wadhvani
Keynote Speaker, CDE on "Bone Augmentation" in CDE programme held on 21st Jan 2016, Saraswati Dental College"
- Dr. Jitender Kr. Aurora
Chaired a session 1st Craniofacial Research Foundation Tridental Surgicon 16-17 July 2016

Seminars/Conferences/Workshops organized

- Conference Surgicon in collaboration with Tridental academy on 16th and 17th July 2016

CDEs, CMEs, Workshops, Training Programs, Lectures, Seminars attended

Faculty

- Attended 21st Mid term conference and 7th post graduate student convention 6-8th April 2017
Dr. R.S. Bedi
Dr. Puneet Wadhvani
- 41st annual conference of AOMSI Ahmedabad 24-26 Nov 2016
Dr. R.S. Bedi
- 1st annual craniofacial research foundation Tridental Surgicon 16-17 Jul 2016, SDC Lucknow.
Dr. RS Bedi
Dr. Puneet Wadhvani
Dr. Jitender Kr. Aurora
Dr. Saif R Siddiqui
Dr. Suyash Agarwal
- ATLS American college of surgeon 31 Mar 2016 SDC Lucknow
Dr. Karan Punni

Students

- 1st annual craniofacial research foundation tridental Surgicon 16-17 Jul 2016, SDC Lucknow.
Attended by Dr. Abhishek, Dr. Abhishek Rai, Dr. Gurpreet, Dr. Tanushree, Dr. Arpita, Dr. Amartya, Dr. Radhika, Dr. Shamita, Dr. Sharikant, Dr. Adrineel, Dr. Charu, Dr. Harsh, Dr. Rachana, and Dr. Shambo.

- BLS course on 15th Jul 2016, SDC Lucknow attended and successfully completed by Dr. Abhishek, Dr. Abhishek Rai, Dr. Gurpreet, Dr. Tanushree, Dr. Arpita, Dr. Amartya P srivastava, Dr. Radhika, Dr. Shamita, Dr. Sharikant, Dr. Adrineel, Dr. Charu, Dr. Harsh, Dr. Rachana, Dr. Shambo.
- Attended 21st Mid term conference and 7th post graduate student convention 6-8th April 2017 Dr. Shamita Tiwari, Dr. Arpita Komal, Dr. Amartya P Srivastava, Dr. Shrikant Chakravarti, Dr. Radhika dixit.
- Dr. Amartya P srivastava presented paper on “Sinus lift without graft versus sinus lift using PRF as a sole grafting material for implant placement” at Mid term conference and 7th post graduate student convention 6-8th April 2017.
- Dr. Arpita Komal presented paper on “Clear vision for a planned surgical mission: a study of normal anatomy of mandibular canal and its variations in Indian population using CBCT” at Mid term conference and 7th post graduate student convention 6-8th April 2017.
- Dr. Shamita presented paper on “comparison of immediate implant placement following extraction with or without socket shield technique” at Mid term conference and 7th post graduate student convention 6-8th April 2017
- Dr. Shrikant Chakravarty presented paper on “Versatility of human amniotic membrane in oral and maxillofacial surgery” at Mid term conference and 7th post graduate student convention 6-8th April 2017.
- AOMSI Masterclass programme, Subharti Dental College and Hospital, 7-10 March 2017, attended by Dr. Radhika Dixit, Dr. Amartya P srivastava
- Live Rhinoplasty Workshop, SGPSIMS, Lucknow, 28th Jan 2017 attended by Dr. Shrikant Chakrawarti, Dr. Amartya P srivastava.
- Minimal invasive implant dentistry and immediate loading aesthetic and function, SDC, 31st Jan 2017 attended by Dr. Shrikant Chakrawarti
- 41st annual conference of AOMSI Ahmedabad 24-26 Nov 2016 attended by Dr. Shamita Tiwari, Dr. Radhika Dixit

41 st annual conference of AOMSI, Ahmedabad 24-26 Nov 2016	Poster presented on “Socket shield – A novel method of ridge preservation for implant placement”.	Dr. Shamita Tiwari
	Poster presented on “Ultrasound guided prolotherapy with platelet rich plasma for temporomandibular disorder”.	Dr. Radhika Dixit

Honours, Awards & Special Attainments

A. Faculty

Dr. R.S. Bedi	Organiser 1 st Craniofacial Research Foundation Tridental Surgicon 16-17 July 2016
	Organiser , CDE on "Bone Augmentation" in CDE programme held on 21 st Jan 2016, Saraswati Dental College
	Organiser Workshop on "OSCE/OSPE" 7 th & 8 th Jan 2016 , Saraswati Dental College
Dr.PuneetWadhwani	Organiser 1 st Craniofacial Research Foundation Tridental Surgicon 16-17 July 2016
	Organiser & Keynote Speaker , CDE on "Bone Augmentation" in CDE programme held on 21 st Jan 2016 Saraswati Dental College "
	Organiser , Workshop on "OSCE/OSPE" 7 th & 8 th Jan 2016 Saraswati Dental College "
Dr. Jitender Kr. Aurora	Organiser 1 st Craniofacial Research Foundation Tridental Surgicon 16-17 July 2016
	Chaired a session 1 st Craniofacial Research Foundation Tridental Surgicon 16-17 July 2016



Department of Oral Medicine & Radiology

The Staff

Professor

Dr. Sunira Chandra, M.D.S., *Head of the Department*

Readers

Dr. Nitin Nigam, M.D.S.

Dr. Siddharth Kumar Singh, M.D.S.

Dr. Shruti Sinha, M.D.S.

Senior Lecturer

Dr. Palkin Mehta, M.D.S.

Lecturer

Dr. Mahendra Kumar Singh, B.D.S.



The Charter

The Department of Oral Medicine & Radiology deals with the health and diseases of the oral and para-oral structures. This is the Department where the patient is first received and elaborate general and medical history of the patient is taken followed by thorough examination and investigations for disease diagnosis.

The selection of the faculty is done on the basis of merit of academic achievements and experience to train the students. The department has UG and PG Section with a separate Radiology Section and Seminar Hall with well equipped latest teaching facilities, which facilitates basic and advanced training research activities in the field of Oral Medicine and allied sciences.

The Department has a rich collection of teaching materials in the form of books, journals, library dissertation, dissertations, and seminars in CDs and print form. The valuable collection of special cases and radiographs adds to the knowledge of students and to the existing number of patients reporting to OPD. Internet facility can be availed in the department by PGs and staff. The PGs are trained in not only in the Dental College but also in the Medical Hospital for the allied medical subjects and are even posted in Cancer Institute for diagnostic and therapeutic radiology.

Along with above mentioned measures, the department also conducts regular departmental meetings for regular monitoring of the curriculum, and discussions, tests and exams for students to evaluate their performance. On the basis of the above, slow learners are identified and remedial classes are arranged for them. The staff and students participate regularly with all enthusiasm in CDEs and conferences at International, National, State and local level and are involved in various research projects. Indeed, the department is highly proud of its vibrant achievements (curricular/extracurricular, International, National, State and local publications and presentations). The support and dedicated work of support staff further fosters the smooth functioning of the Department.

Research thrust areas

- Potentially malignant and Malignant Oral Disorders
- Tobacco cessation and its control
- Forensic Odontology
- Innovative techniques in Oral & Maxillofacial Radiology

Faculty Projects (Completed)

Reliability of Glossoscopy for Gender Identification.

Principal Investigator: Dr. Sunira Chandra

Co-Investigators: Dr. Shareya Faizi

Gender Determination by Morphometric Assessment of Mastoid Process in Modified Reverse Orthopantomography.

Principal Investigator: Dr. Sunira Chandra

Co-Investigators: Dr. Ankur Kumar Vaish

Faculty Projects (Ongoing)

Possibility of Upper Airway Obstruction as a Comorbidity in Patients of Oral Submucous Fibrosis.

Principal Investigator: Dr. Sunira Chandra

Co-Investigators: Dr. Vandita Raj

Dissertations of M.D.S. students

A. Ongoing

Dr. Rajkumari Eliza Devi

To determine changing trends in consumption of smokeless tobacco with or without areca nut and its effect on population: A Lucknow based study.

Supervisor: Dr. Sunira Chandra

Co-Supervisor: Dr. Siddharth Kumar Singh

Dr. Ankur Kumar Vaish

Determination of gender by radiomorphometric measurements of mastoid process in modified reverse panoramic digital imaging.

Supervisor: Dr. Sunira Chandra

Co-Supervisor: Dr. Nitin Nigam, Dr. Shruti Sinha

Dr. Vandita Raj

Determination of velopharyngeal insufficiencies in oral submucous fibrosis patients using lateral cephalogram: a comparative study.

Supervisor: Dr. Sunira Chandra

Co-Supervisor: Dr. Siddharth Kumar Singh

Dr. Vanshika Yadav

Metric analysis of craniofacial structures using digital lateral cephalograms for gender determination in north Indian population.

Supervisor: Dr. Sunira Chandra

Co-Supervisor: Dr. Shruti Sinha

B. Submitted

Dr. Shareya Faizi

Reliability of glossoscopy in personal & gender determination.

Supervisor: Dr. Sunira Chandra

Co-Supervisor: Dr. Nitin Nigam, Dr. Shruti Sinha

Dr. Sonia Gulia

Evaluation of taste perceptions in subjects consuming areca nut (gutka) & with OSMF.

Supervisor: Dr. E. Sivaprasad Reddy

Co-Supervisor: Dr. Sunira Chandra, Dr. Nitin Nigam

Dr. Charu Singh

Prevalence of interdental, interradicular bone loss & tooth loss among diabetic patients.

Supervisor: Dr. E. Sivaprasad Reddy

Co-Supervisor: Dr. Sunira Chandra, Dr. Nitin Nigam

Membership of Scientific Societies, Committees etc.

<u>Name</u>	<u>Membership details</u>
Dr. Sunira Chandra	Life member, Indian Academy of Oral Medicine & Radiology Life Member, Indian Society for Dental Research (Subsidiary of the International Association for Dental Research- IADR) Life Member, Indian Association of Forensic Odontology Life Member, Indo-Asia Association of Forensic Odontology Annual Member, Indian Dental Association Annual Member, British Medical Journal Case Report Associate Editor/Reviewer, Journal of Oral Sign Member, Editorial Board, Peertechz Journal of Biological Research and Development Member, Reviewer Board: Saudi Journal of Oral Sciences; International Journals of Clinical Dermatology & Research; Journal of Oral Biology and Craniofacial Research; UP State Dental Journal; Guident; European Journal of General Dentistry
Dr. Nitin Nigam	Life member, Indian Academy of Oral Medicine & Radiology
Dr. Shruti Sinha	Life Member, Indian Academy of Oral Medicine & Radiology

Faculties invited to deliver Guest Lectures, Chair Scientific Session

CDEs, CMEs, Workshops, Training Programs, Lectures, Seminars attended

Faculty

1. Dr. Sunira Chandra

- Certified as Tobacco Cessation and Control Specialist for the year July 2018- June 2019.
- Completed 1st Degree course in Reiki System of Natural Healing on 1st Aug 2018.
- Attended Workshop on National Accreditation Board for Hospitals and Health Care Providers on 12th May 2108.
- Participated in Dental Education Activity on Dental Pain Management by Quintessence Academy of Excellence in Clinical Dentistry on 1st August, 2018.
- Completed the Provocation Simulation along with International NLP practitioner from 25th to 29th Aug 2018, New Delhi.
- Completed the 40 hours face to face NLP Practitioner Program from 25th to 29th Aug 2018 and certified as an International NLP practitioner, New Delhi.

- Attended 1st International & 16th National IAFO Conference, 29th to 30th September, 2018, Goa.
 - Attended CDE Program on 'Tissue is the Issue', 18th & 19th Jan 2019, Saraswati Dental College, Lucknow.
 - Attended CDE Program & workshop on 'Facial Rejuvenation and Aesthetic Surgery', 13th Feb 2019, Saraswati Dental College, Lucknow.
2. Dr. Siddharth Kumar Singh
- Attended Basic and advanced endodontics workshop on 15 July 2018, Lucknow.
 - Attended 4th International conference on Sleep Disorders, 12th to 14th Oct 2018, Lucknow.
 - Attended 30th National Conference of Indian Academy of Oral Medicine & Radiology, 23rd to 25th Nov 2018, Udaipur.
 - Attended CDE Program on 'Tissue is the Issue', 18th & 19th Jan 2019, Saraswati Dental College, Lucknow.
 - Participated in Faculty Development Program on "Innovations in Teaching and Learning" organized by Dept. of Oral Medicine & Radiology, Saraswati Dental College on 23rd Jan 2019.
 - Attended CDE Program & workshop on 'Facial Rejuvenation and Aesthetic Surgery', 13th Feb 2019, Saraswati Dental College, Lucknow.
3. Dr. Shruti Sinha
- Completed Post Graduate Diploma in Clinical Research on 5th May 2018.
 - Completed Post Graduate Diploma in Quality Management of Hospital & Healthcare Organization on 5th May 2018.
 - Attended CDE Program on 'Tissue is the Issue', 18th & 19th Jan 2019, Saraswati Dental College, Lucknow.
 - Participated in Faculty Development Program on "Innovations in Teaching and Learning" organized by Dept. of Oral Medicine & Radiology, Saraswati Dental College on 23rd Jan 2019.
 - Attended CDE Program & workshop on 'Facial Rejuvenation and Aesthetic Surgery', 13th Feb 2019, Saraswati Dental College, Lucknow.
4. Dr. Palkin Mehta
- Attended CDE Program on 'Tissue is the Issue', 18th & 19th Jan 2019, Saraswati Dental College, Lucknow.
 - Participated in Faculty Development Program on "Innovations in Teaching and Learning" organized by Dept. of Oral Medicine & Radiology, Saraswati Dental College on 23rd Jan 2019.
 - Attended CDE Program & workshop on 'Facial Rejuvenation and Aesthetic Surgery', 13th Feb 2019, Saraswati Dental College, Lucknow.
5. Dr. Mahendra Kumar Singh
- Completed Post Graduate Diploma in Completed Post Graduate Diploma in Pharmacovigilance and clinical research on 5th May 2018.
 - Completed Post Graduate Diploma in Quality Management of Hospital & Healthcare Organization on 5th May 2018. Clinical Research on 5th May 2018.

- Attended CDE Program on ‘Tissue is the Issue’, 18th & 19th Jan 2019, Saraswati Dental College, Lucknow.
- Participated in Faculty Development Program on “Innovations in Teaching and Learning” organized by Dept. of Oral Medicine & Radiology, Saraswati Dental College on 23rd Jan 2019.
- Attended CDE Program & workshop on ‘Facial Rejuvenation and Aesthetic Surgery’, 13th Feb 2019, Saraswati Dental College, Lucknow.

Students attended

S. No.	Name of conference	Attended
1.	Attended 17 th National Triple O Symposium, Mumbai, 15 th to 17 th March 2019.	Dr. Charu Singh
2.	Attended CDE Program & workshop on ‘Facial Rejuvenation and Aesthetic Surgery’, 13 th Feb 2019, Saraswati Dental College, Lucknow.	Dr. Shareya Faizi, Dr. Sonia Gulia, Dr. Charu Singh, Dr. Rajkumari Eliza Devi, Dr. Ankur Kumar Vaish Dr. Vandita Raj, Dr. Vanshika Yadav
3.	Attended CDE Program on ‘Tissue is the Issue’, 18 th & 19 th Jan 2019, Saraswati Dental College, Lucknow.	Dr. Shareya Faizi, Dr. Sonia Gulia, Dr. Charu Singh, Dr. Rajkumari Eliza Devi, Dr. Ankur Kumar Vaish, Dr. Vandita Raj, Dr. Vanshika Yadav
4.	30 th National Conference of Indian Academy of Oral Medicine & Radiology, Udaipur, 23 rd to 25 th Nov’ 18.	Dr. Vandita Raj, Dr. Vanshika Yadav
5.	1 st International & 16 th National IAFO Conference held at Goa, 29 th to 30 th September, 2018.	Dr. Shareya Faizi, Dr. Charu Singh, Dr. Rajkumari Eliza Devi, Dr. Ankur Kumar Vaish

Students presented

S. No.	Enrichment programme	Topic	Presented
1.	17 th National Triple O Symposium, Mumbai, 15 th to 17 th March 2019.	Prevalence of interdental, interradicular bone loss & tooth loss among diabetic patients	Dr. Charu Singh
2.	30 th National Conference of Indian Academy of Oral Medicine & Radiology, held at Udaipur, 23 rd to 25 th Nov 2018.	Core Dogma of Radiology from Retrospection to Prospecption	Dr. Vandita Raj
3.	30 th National Conference of Indian Academy of Oral Medicine & Radiology, held at Udaipur, 23 rd to 25 th Nov 2018.	Core Dogma of Radiology from Retrospection to Prospecption	Dr. Vanshika Yadav
4.	1 st International & 16 th National IAFO Conference held at Goa, 29 th to 30 th September, 2018.	Reliability of glossoscopy for personal & gender identification	Dr. Shareya Faizi

5.	1 st International & 16 th National IAFO Conference held at Goa, 29 th to 30 th September, 2018.	Role of maxillofacial radiology in forensic odontology	Dr. Charu Singh
6.	1 st International & 16 th National IAFO Conference held at Goa, 29 th to 30 th September, 2018.	Stepping stones in personal identification in forensic odontology	Dr. Rajkumari Eliza Devi
7.	1 st International & 16 th National IAFO Conference held at Goa, 29 th to 30 th September, 2018.	Gender determination by morphometric assessment of mastoid process in modified reverse orthopantomography	Dr. Ankur Kr Vaish

Honors, Awards & Special Attainments

A. Faculty

1. Dr. Sunira Chandra

- Completed the Provocation Simulation along with International NLP practitioner from 25th to 29th Aug 2018, New Delhi.
- Completed the 40 hours face to face NLP Practitioner Program and certified as an International NLP practitioner from 25th to 29th Aug 2018, New Delhi.
- Guest of Honour and Advisor in 4th International Maxillofacial Summit on topic “Total temporomandibular joint replacement and Head-neck Oncosurgery, 14th, 15th and 16th March 2019 held at Rama Dental College, Kanpur.

2. Dr. Siddharth Kumar Singh

- Reviewer and Editorial Board Member in JIAOMR April- June 2018.
- Awarded as Best Reviewer in JIAOMR 2018.
- External Examiner on 13th and 14th March 2019 at Maharana Pratap College of Dentistry and Research Center, Gwalior.

3. Dr. Shruti Sinha

- Post Graduate Diploma in Clinical Research on 5th May 2018.
- Post Graduate Diploma in Quality Management of Hospital & Healthcare Organization on 5th May 2018.

4. Dr. Mahendra Kumar Singh

- Post Graduate Diploma in Completed Post Graduate Diploma in Pharmacovigilance and clinical research on 5th May 2018.
- Post Graduate Diploma in Quality Management of Hospital & Healthcare Organization on 5th May 2018. Clinical Research on 5th May 2018.

B. Students

S.No	Student	Presentation/Scientific Events	Award/Recognition
1.	Dr. Vandita Raj Dr. Vanshika Yadav	Core Dogma of Radilogy from Retrospection to Prospection	1 st best poster presentation in 30 th National Conference of Indian Academy of Oral Medicine & Radiology, held at Udaipur, 23 rd to 25 th Nov 2018.



Department of Oral Pathology & Microbiology

The Staff

Professor

Dr. Anil Singh, M.D.S., *Head of the Department*

Dr. Kunal Sah, M.D.S.

Reader

Dr. Shweta Singh, M.D.S.

Sr. Lecturer

Dr. Shomaila Ahmad, M.D.S



The Charter

The Department of Oral Pathology & Microbiology performs two basic functions in addition to research activities for betterment of mankind. First and foremost is the teaching of undergraduate and postgraduate students. At undergraduate level, the department takes care of teaching of Dental Anatomy and Oral Histology during the first year and Oral Pathology, Microbiology and Forensic Odontology during the second and third year. In case of postgraduate students, the aim is to make them rich with complete knowledge of General and Oral Microbiology, Oral Pathology and Embryology of the head and neck so as to mould them into a good teacher and an efficient Oral Pathologist. The second major function of the department is to provide efficient and conclusive histopathological and cytopathological services to the patients.

The research works undertaken in the department primarily relate to early diagnosis and understanding of oral conditions prevalent in India, so as to facilitate better management of the oral diseases.

The Department continuously strives to improve and upgrade the level of undergraduate and graduate teaching, upgrade infrastructure facilities, establish full fledged immunohistochemistry and immunofluorescence laboratory so as to emerge as a nodal center for advanced diagnosis and research in the area of oral pathology and especially in the area of oral cancer.

Research thrust areas

- Potentially malignant oral lesions
- Oral cancer
- HIV
- Forensic Odontology
- Diabetes mellitus
- Tobacco related disorders

COMPLETED RESEARCH PROJECTS:

- Oral habit & associated lesion: A cross sectional study in Eastern UP
Principal Investigator: Dr. Anil Singh
Co-Investigators: Dr. Kunal Sah, Dr. Sunira Chandra

DISSERTATION OF M.D.S. STUDENTS

SYNOPSIS SUBMITTED:

1. Dr. Jainendra Mishra
Immunohistochemical evaluation of PCNA in Oral Premalignancy and Oral Squamous Cell Carcinoma
Supervisor: Dr. Anil Singh
Co-Supervisor: Dr. Kunal Sah, Dr. Shweta Singh

DISSERTATION SUBMITTED

1. Dr. Kanak Tiwari
Evaluation of biological role of myofibroblasts in Keratocystic Odontogenic Tumor, Odontogenic cyst and Ameloblastoma
Supervisor: Dr. Anil Singh
Co-Supervisor: Dr. Kunal Sah, Dr. Shweta Singh

M.D.S. DEGREE AWARDED

1. Dr. Shomaila Ahmad
Efficacy of Toluidine Blue, Giemsa, Crystal violet, Feulgen, and Haematoxylin & Eosin Stains to study mitotic figures in squamous cell carcinoma
Supervisor: Dr. Anil Singh
Co-Supervisor: Kunal Sah, Dr. Shweta Singh
2. Dr. Neelam Ojha
Immunohistochemical expression of P16^{INK4a} in potentially malignant oral disorders and oral squamous cell carcinoma
Supervisor: Dr. Anil Singh
Co-Supervisor: Dr. Kunal Sah, Dr. Shweta Singh

Membership of Scientific Societies, Committees etc

<u>Name</u>	<u>Membership details</u>
Dr. Anil Singh	Life Member, Indian Association of Oral and Maxillofacial Pathologists Life Member, Indian Association of Forensic Odontology Member, Editorial/Reviewer Board: The Cusp, Journal of Forensic Dental Sciences, National Journal of Maxillofacial Surgery, International Journal of Dental Sciences & Research
Dr. Kunal Sah	Life Member, Indian Association of Oral and Maxillofacial Pathologists Life Member, Indian Association of Forensic Odontology Life Member, Indo-Asia Association of Forensic Odontology Annual Member, Indian Dental Association Member, Editorial/Reviewer Board: Indian Journal of Dental Specialties & Research, Journal of Oral Sign, Acta Cytologica Analytical and Quantitative Cytology and Histology, Analytical and Quantitative Cytology and Histology, European Journal of General Dentistry,

International Journal of Pediatric and Adolescent Medicine, CHRISMED
Journal of Health and Research, Journal of Oral Biology and
Craniofacial Research, [Journal of Clinical and Diagnostic Research](#)

Dr. Shweta Singh

Life Member, Indian Association of Oral and Maxillofacial Pathologists
Life Member, Indian Association of Forensic Odontology

Faculty Invited to Deliver Guest Lectures, Chair Scientific Session

Dr. Anil Singh:

- Chaired the session at 27th National IAOMP conference, held on 16th – 18th November 2018, Amritsar, Punjab

Dr. Kunal Sah:

- Chaired the session at 27th National IAOMP conference, held on 16th – 18th November 2018, Amritsar, Punjab

Dr. Shweta Singh:

- Chaired the session at international Dasana Dental Conference held at New Delhi in September 2018.

Seminars/Conferences/Workshops organized:

CDEs, CMEs, Workshops, Training Programs, Lectures, and Seminars attended

Faculty:

- International Conference organized by Academy of Dentistry International, India Chapter in Lucknow on 6th to 8th October, 2018
- UP Dental Show 2018 organized by IDA, UP State and Lucknow branch on 5th August 2018
- 27th National IAOMP conference, held on 16th – 18th November 2018, Amritsar, Punjab.
- CDE on “Unfold the untold mysteries of Forensic Odontology world” at Career Post Graduate Institute of Dental Sciences and Hospitals, Lucknow on 2nd March, 2019.
- CDE on “Tissue is the issue” organized by department of Periodontology at Saraswati Dental College, Lucknow on 18th – 19th January 2019
- Revised basic course workshop in medical education technology held from 1st – 3rd August, 2018 at Saraswati Medical College, Unnao.
- Workshop on “International Classification of Disease” organized by Central Bureau of Health Intelligence ROH&FW, Lucknow on 22nd September, 2018 held at Saraswati Medical College, Unnao.
- Sensitization workshop on “Attitude and Communication module held on 4th August, 2018 at Saraswati Dental College, Lucknow.
- Training course on Sample Size Estimation, Concept and application in health research held on 12th–15th September, 2018 at SGPGI, Lucknow.
- CDE on “Occlusal concepts in Prosthodontics” held on 8th Feb. 2019 at Career Post Graduate Institute of Dental Sciences.
- Faculty Development Program on “Innovations in Teaching and Learning” held on 23rd Jan, 2019 at Saraswati Dental College, Lucknow.

Students:

- 27th National IAOMP conference held on 16th – 18th 2018, Amritsar, Punjab.

Honours, Awards & Special Attainments

A. Faculty

- Dr. Anil Singh:
Executive Committee member of IAFO, 2019
- Dr. Kunal Sah:
Best faculty award, Saraswati Dental College, 2019

B. Students:



Department of Orthodontics & Dentofacial Orthopedics

The Staff

Professors

Dr. Ragni Tandon, M.D.S., *Head of the Department*

Dr. Kamlesh Singh, M.D.S.

Dr. Shally Mahajan, M.D.S

Dr. Aftab Azam, M.D.S

Readers

Dr., Pratik Chandra M.D.S.

Senior Lecturers

Dr. Ashish Chauhan, M.D.S.

Dr. Manpreet Singh M.D.S

The Charter

The Department of Orthodontics & Dentofacial Orthopedics deals with the interception and management of all dental and facial growth-related disorders including malocclusion. The department is well equipped with advanced dental chairs, sophisticated equipment's and advanced methods for sterilization so as to render quality care and well-being of the patients.

The Department offers three-year post-graduate program in addition to undergraduate teaching as per DCI norms. We endeavor to provide adequate knowledge, necessary skills and reasonable attitude for carrying out all activities appropriate to specialized practice of orthodontics and dentofacial orthopedics by the specialists and related general dental practice by the undergraduates involving prevention, diagnosis and management of malocclusion. The students are exposed to patients with wide range of malocclusions and oro-facial growth problems and thus get extensive clinical experience in their diagnosis and management.

We provide basic and advanced training in the management of malocclusion with all types of removable and fixed appliances. A special emphasis is laid on Angle philosophy and Tweed appliance leading to the recent techniques of various SWA systems. We also provide advanced training of cases requiring growth modification with various techniques including surgical and cleft orthodontics.

Research thrust area

- Lasers
- Ultrasound
- Transcutaneous Electric Nerve Stimulation
- Plasma Rich Proteins
- Finite element analysis
- Digital and advanced diagnostic techniques

Ongoing research projects-

A. Dissertation of M.D.S. Students

Ongoing

Dr. Nikhil Asok

Retention of mini screws in orthodontics -A comparative in-vitro study on the variables.

Supervisor: Dr. Kamlesh Singh

Co-Supervisor: Dr. Ragni Tandon, Dr. Pratik Chandra

Dr. Parijat Chakraborty

Evaluation of tongue forces on maxillary teeth in various malocclusion.

Supervisor: Dr. Pratik Chandra

Co-Supervisor: Dr. Ragni Tandon, Dr. Aftab Azam

Dr. Sonal

Assessment of facial asymmetry in individual having skeletal Class II Malocclusion in U.P population.

Supervisor: Dr. Shally Mahajan

Co-Supervisor: Dr. Ragni Tandon, Dr. Aftab Azam

Dr. Sneha Singh

Photographic analysis of smile variables and its relationship with dental parameters in different groups.

Supervisor: Dr. Ragni Tandon

Co-Supervisor: Dr. Pratik Chandra, Dr. Ashish Chauhan

Dr. Stuti Raj

Comparison of various sliding mechanics in distalization of canine; An in-vivo study

Supervisor: Dr. Ragni Tandon

Co-Supervisor: Dr. Kamlesh Singh, Dr. Pratik Chandra

Dr. Zeyauallah Khan

Comparison and evaluation of lower anterior facial height and soft tissue characteristics in different types of malocclusion in North Indian population- A Cephalometric Study

Supervisor: Dr. Aftab Azam

Co-Supervisor: Dr. Kamlesh Singh, Dr. Shally Mahajan

Dissertation submitted

Dr. Abhimanyu Vikram Singh

Co-relation of Incisor classification with soft tissue profile- A cephalometric study.

Supervisor: Dr. Aftab Azam

Co-Supervisor: Dr. Ragni Tandon, Dr. Kamlesh Singh, Dr. Pratik Chandra

Dr. Abhi A

Correlation of various Cephalometric parameters for the assessment of sagittal relationship between Maxilla and Mandible in North Indian Population: A Cephalometric Study

Supervisor: Dr. Pratik Chandra

Co-Supervisor: Dr. Ragni Tandon, Dr. Kamlesh Singh

Dr. Aparajita Mishra.

The Pre and Post assessment of Orthodontically treated cases by Index of Complexity outcome and need.

Supervisor: Dr. Ragni Tandon

Co-Supervisor: Dr. Pratik Chandra, Dr. Ashish Chauhan

Dr. Chinki Bansal

Effects of Chlorhexidine Gluconate containing Mouthwash on Microbial flora using elastomeric module- An in vivo study.

Supervisor: Dr. Ragni Tandon

Co-Supervisor: Dr. Kamlesh Singh, Dr. Pratik Chandra

Dr. Reyas Y. Rasool

Incisor display during speech & smile: Age & gender correlations in U.P. population.

Supervisor: Dr. Shally Mahajan

Co-Supervisor: Dr. Aftab Azam, Dr. Ashish Chauhan

Dr. Tanushree Sharma

Cyclic Loading; Its Impact on Orthodontic tooth movement: In vivo study

Supervisor: Dr. Kamlesh Singh

Co-Supervisor: Dr. Ragni Tandon, Dr. Pratik Chandra

M.D.S. Degree Awarded

Dr. Abhimanyu Rohmetra

Comparison of shear bond strength of different bonding materials bonded with primer and without primer-An in vivo study

Supervisor: Aftab Azam

Co-Supervisor: Dr. Ragni Tandon, Dr. Kamlesh Singh

Dr. Syeda Shabana Yashmin

Evaluation of hyoid bone position and tongue position in various skeletal patterns: A Cephalometric study

Supervisor: Dr. Ragni Tandon

Co-Supervisor: Dr. Kamlesh Singh, Dr. Aftab Azam

Dr. Akansha Pandey

Effect of anteroposterior malocclusion on growth morphology and dimensions of mandibular symphysis: A Cephalometric study

Supervisor: Dr. Shally Mahajan

Co-Supervisor: Dr. Ragni Tandon, Dr. Ashish Chauhan

Dr. Anupriya Srivastava

Vertical mandibular asymmetry in different dental malocclusion: An OPG study.

Supervisor: Dr. Ragni Tandon

Co-Supervisor: Dr. Pratik Chandra, Dr. Kamlesh Singh

Dr. Adarshika Yadav

Effect of overbite on maxillary and mandibular morphology: A Cephalometric study

Supervisor: Dr. Kamlesh Singh

Co-Supervisor: Dr. Pratik Chandra, Dr. Ragni Tandon

Membership of Scientific Societies, Committees etc.

<u>Name</u>	<u>Membership details</u>
Dr. Ragni Tandon	Member, Indian Orthodontic Society Convener, Orthodontic Study Group, Lucknow Member, Board of Studies, Department of Orthodontics, KGMU, Lucknow Member, Board of Studies B.B.D University, Lucknow
Dr. Kamlesh Singh	Member, Indian Orthodontic Society Member, Board of Studies B.B.D University, Lucknow
Dr. Shally Mahajan	Member, Indian Orthodontic Society Member, IDA Member, Orthodontic Study Group, Lucknow

Dr. AftabAzam	Member, Indian Orthodontic Society Member, Scientific Committee, Journal of Orthodontic Research & Clinics
Dr Pratik Chandra	Member, Indian Orthodontic Society Member, Orthodontic Study Group, Lucknow Managing Editor, Journal of Dentofacial Sciences Member, Senior Advisory Board, Heal Talk Journal Member, Scientific Committee, Journal of Orthodontic Research & Clinics Member, Reviewer, JCO-IOS, Secretary, Rotary club of Greater Lucknow Joint secretary, Gomti Nagar Association
Dr. Manpreet Singh	Member, Indian Orthodontic Society Member, Orthodontic Study Group, Lucknow
Dr. Ashish Chauhan	Member, Indian Orthodontic Society Member, Orthodontic Study Group, Lucknow

Faculty Invited to Deliver Guest Lectures, Chair Scientific Session

- Face Workshop: An Orthodontics and Orthognathic Surgery for Facial Transformation at SPPGIDMS, Lucknow on 15th March-Dr. Ragni Tandon

Seminars/Conferences/Workshops organized

- Pre-Conference Course on Intrusion Arches 23rd IOS PG Students Convention ITS Dental College, Greater Noida, India, from 21st to 24th February, 2019-Dr. Pratik Chandra.
- Pre-Conference Course Director, Functional Jaw Orthopedics. 2nd Congress of South Asian Association of Pediatric Dentistry in Conjunction with 3rd Nepalese Association of Pediatric Dentistry, Kathmandu, Nepal from 4th to 6th April 2019-Dr. Aftab Azam, Dr. Pratik Chandra.
- CDE on Current Concepts of Orthodontics, Lucknow, India on 24th July 2019-Dr. Ragni Tandon, Dr. Kamlesh Singh, Dr. Shally Mahajan, Dr. Aftab Azam, Dr. Pratik Chandra, Dr. Ashish Chauhan

CDEs, CMEs, Workshops, Training Programs, Lectures, Seminars attended

Faculty

- 23rd IOS PG Convention, Noida, India from 21st to 24th February 2018- Dr. Aftab Azam, Dr. Pratik Chandra.
- Live Surgical Workshop on Orthognathic Surgery, Lucknow, India, from 11th to 12th May, 2018-Dr. Ragni Tandon.
- 18th IOS Zonal Orthodontic PG Convention, Meerut, India from 21st to 22nd September, 2018 - Dr. Pratik Chandra.
- CDE Program; Lectures/Hands on/Live Surgery Demonstration on “Tissue is the Issue” Lucknow, India, from 18th to 19th January 2019-Dr. Pratik Chandra.
- Faculty Development Program on “Innovation in Teaching and Learning”, Lucknow, India, 23rd January, 2019-Dr. Ragni Tandon.
- Indocleftcon from 8th to 10th Feb 2019-Dr. Kamlesh Singh.

- Orthodontic Conclave 2019- “Recent Trends in Orthodontics”, Lucknow, India, from 23rd to 24th April, 2019-Dr. Ragni Tandon, Dr. Kamlesh Singh, Dr. Aftab Azam, Dr. Pratik Chandra, Dr. Ashish Chauhan.
- Lecture & Demonstration on “Clear Aligners”, Lucknow, India, on 8th August, 2019-Dr. Ragni Tandon, Dr. Pratik Chandra.

Students

- Pre-Conference Course on Intrusion Arches 23rd IOS PG Students Convention ITS Dental College, Greater Noida, India, from 21st to 24th February, 2019-Dr. Pratik Chandra, Dr. Pranshu Mathur, Dr. Ankit Mishra, Dr. Shreya V. Mishra, Dr. Vishakha Agarwal, Dr. Swati, Dr. Richa Dhingra.
- 23rdIOS PG Convention,Noida, India from 21stto 24th February,2019.Dr.Pratik Chandra,Dr.Sonal Agarwal, Dr.Stuti Raj,Dr.Zeyauallah Khan,Dr.ParijatChakraborty,Dr.Sneha Singh,Dr.Nikhil Asok,Dr.Chinki Bansal,Dr.Aprajita Mishra,Dr.Abhimanyu Vikram Singh,Dr.Reyas Rasool,Dr.Abhi A,Dr.Tanushree Sharma, Dr. Pranshu Mathur, Dr. Ankit Mishra, Dr. Shreya V. Mishra, Dr. Vishakha Agarwal, Dr. Swati, Dr. Richa Dhingra.
- Orthodontic Conclave 2019- “Recent Trends in Orthodontics”, SPDC, Lucknow, India, from 23rd to 24th April, 2019-Dr. Ragni Tandon, Dr. Kamlesh Singh, Dr. Aftab Azam, Dr. Pratik Chandra, Dr. Ashish Chauhan, Dr. Chinki Bansal, Dr. Aprajita Mishra, Dr. Abhimanyu Vikram Singh, Dr. Reyas Rasool, Dr. Abhi A, Dr. Tanushree Sharma Dr. Pranshu Mathur, Dr. Ankit Mishra, Dr. Shreya V. Mishra, Dr. Vishakha Agarwal, Dr. Swati, Dr. Richa Dhingra.
- CDE on Current Concepts of Orthodontics, Lucknow, India on 24th July 2019-Dr. Ragni Tandon, Dr. Kamlesh Singh, Dr. Shally Mahajan, Dr. Aftab Azam, Dr. Pratik Chandra, Dr. Ashish Chauhan, Dr. Chinki Bansal, Dr. Aprajita Mishra, Dr. Abhimanyu Vikram Singh, Dr. Reyas Rasool, Dr. Abhi A, Dr. Tanushree Sharma Dr. Pranshu Mathur, Dr. Ankit Mishra, Dr. Shreya V. Mishra, Dr. Vishakha Agarwal, Dr. Swati, Dr. Richa Dhingra,Dr. Deenesh Kumar Sahu, Dr. Gazali Shuaib A.R., Dr Madhulika Gupta, Dr. Mrinalini Bansal, Dr. Nilima Cheri.
- Lecture & Demonstration on “Clear Aligners”, Lucknow, India, on 8th August, 2019-Dr. Ragni Tandon, Dr. Pratik Chandra, Dr. Deenesh Kumar Sahu, Dr. Gazali Shuaib A.R., Dr Madhulika Gupta, Dr. Mrinalini Bansal, Dr. Nilima Cheri.

Honors, Awards & Special Attainments

A. Faculty

Dr.Pratik Chandra awarded 2nd place for Table Clinic on “Lingual bonded retainers” at the 53rd Indian Orthodontic Conference, held at Kochi 7th to 9th December 2018.

B. Students



Department of Pedodontics & Preventive Dentistry

The Staff

Professors

Dr. SaumyaNavit, M.D.S., *Head of the Department*

Dr. Suleman Abbas Khan, M.D.S.

Senior Lecturers

Dr. Anshul Sharma, M.D.S.

Dr. SeemaJabeen, M.D.S

Dr. Nishi Grover, M.D.S.



Dr.SaumyaNavit

The Charter

Pedodontics is an age-defined specialty that provides primary and comprehensive, preventive and therapeutic oral health care for infants and children through adolescence including those with special health care needs.

Department of Pedodontics& Preventive Dentistry offer graduate (Bachelor of Dental Surgery) and post-graduate program (Master of Dental Surgery) and are affiliated to Dr Ram ManoharLohiaAwadh University. The course is approved and accredited by Dental Council of India.

The goals of the branch of Pedodontics deal with the identification and differentiation of normal and abnormal somatic dentofacial and psychological growth and development, understand child behavior and anxiety, and communicate with and manage child showing apprehension and moderately disruptive behavior using behavioral and pharmaco-therapeutic techniques. We develop an accurate database from information received from the child and the parent, formulate and accurate diagnosis, plan appropriate therapy for common oral health problems in children, and provide treatment for mental, physical and emotionally handicapped children including medically compromised patients. We recognize and manage medical emergencies commonly encountered in children and adolescence undergoing treatment and make appropriate referrals.

Faculty of the Department is committed towards an excellence in teaching schedules. Students are assessed from time to time by internal assessment examinations, case discussions, demonstrations, group discussions, viva-voce, seminars and journal completion. Through excellence in teaching and training with a focus on patient-centered compassionate oral health care, we ensure our graduating dentists gain the necessary knowledge and skills to serve their community.

The vision of the Department of Pedodontics& Preventive Dentistry is to be a recognized leader in providing excellent oral health care for infants, children and adolescent including those with special needs. Continuously enriching the knowledge and professional skills by participating in workshops, CDEs, conferences and other academic activities. Being actively involved in research by focusing on thrust areas and performing community dental services especially for the underprivileged sections of society.

Research thrust areas

- Caries Epidemiology
- Dental Fluorosis
- Cariology
- Preventive Dentistry

- Dental Materials
- Revascularization of pulp

Ongoing research projects

Dissertation of M.D.S. Students

Ongoing

Dr. Anamika Bharati

A comparison of conventional and new rubber dam system in pediatric dentistry.

Supervisor: Dr. Saumya Navit

Co-Supervisors: Dr. Suleman Abbas Khan, Dr. Anshul Sharma, DrSeemaJabeen

Dr. Rinee Khanna

Comparison of radiovisiography and apex locator in working length determination of primary teeth: An In Vivo Study.

Supervisor: Dr. Suleman Abbas Khan

Co-Supervisors: Dr. SaumyaNavit, DrAnshul Sharma, DrSeemaJabeen

Dr. Saurabh Pramanik

Behaviour assessment of children in dental settings and its correlation with lip print and thumb print.

Supervisor: Dr. SaumyaNavit

Co-Supervisors: Dr. Suleman Abbas Khan, Dr. Anshul Sharma, DrSeemaJabeen

Dr. Md Ajmal

Comparative evaluation of flexural strength and marginal sealing ability of fluoride releasing restorative materials used in pediatric dentistry.

Supervisor: Dr. Saumya Navit

Co- Supervisor: Dr. Suleman Abbas Khan, Dr. Anshul Sharma, DrSeemaJabeen, Dr Nishi Grover

Dr. Roli Dureha

To evaluate the antimicrobial effect and minimum inhibitory concentration of commercially available pediatric dentifrices.”

Supervisor: Dr. Saumya Navit

Co- Supervisor: Dr. Suleman Abbas Khan, Dr. Anshul Sharma, DrSeemaJabeen, Dr Nishi Grover.

Dr. Sudipa Roy

Comparision and evaluation of instrumentation time and quality of obturation between pediatric rotary file and manual instrumentation techniques in deciduous molars.

Supervisor: Dr. Suleman Abbas Khan

Co-Supervisors: Dr. Saumya Navit, Dr. Anshul Sharma, Dr.Seema Jabeen, Dr Nishi Grover.

Dissertation submitted

Dr. Saarika Suresh

LASER, LED and Chemical Bleaching- A Trilogy of Effects on Enamel: An SEM Study

Supervisor: Dr. Saumya Navit

Co-Supervisors: Dr. Suleman Abbas Khan, Dr. Anshul Sharma

Dr. Sana Alia

Perception of pain and anxiety level induced by LASER versus Dental drill- An In Vivo Study.

Supervisor: Dr. Suleman Abbas Khan

Co-Supervisors: Dr. Saumya Navit, Dr. Anshul Sharma

Dr. Shagun Agarwal

Flavoured milk: A little colour, a little flavor and its consumption effect on Salivary pH value in children- A Comparative In Vivo Study.

Supervisor: Dr. Saumya Navit

Co-Supervisors: Dr. Suleman Abbas Khan, Dr. Anshul Sharma

M.D.S. Degree Awarded

Dr. Divya Rao

Influences of the socioeconomic status on the prevalence of oral habits and malocclusion

Supervisor: Dr. Saumya Navit

Co-Supervisors: Dr. Suleman Abbas Khan, Dr. Anshul Sharma

Dr. Preeti Singh

Oral health status and treatment needs in acute lymphoblastic leukemia pediatric patients

Supervisor: Dr. Saumya Navit

Co-Supervisors: Dr. Suleman Abbas Khan, Dr. Anshul Sharma

Dr. Pallavi Sharma

Comparative evaluation and effectiveness of audiovisual and audiodistracton aid in pediatric dental patients

Supervisor: Dr. Suleman Abbas Khan

Co-Supervisors: Dr. Saumya Navit, Dr. Anshul Sharma

Membership of Scientific Societies, Committees etc.

<u>Name</u>	<u>Membership details</u>
Dr. Saumya Navit	Life Member, Indian Society of Pedodontics & Preventive Dentistry Executive Committee Member, Indian Society of Pedodontics & Preventive Dentistry Life Member, South Asian Association of Pediatric Dentistry
Dr. Suleman Abbas Khan	Life Member, Indian Society of Pedodontics & Preventive Dentistry Life Member, Academy of Pedodontics, U.P. Chapter Life Member, South Asian Association of Pediatric Dentistry
Dr. Anshul Sharma	Life Member, Indian Society of Pedodontics & Preventive Dentistry Life Member, South Asian Association of Pediatric Dentistry
Dr. Seema Jabeen	Life Member, Indian Society of Pedodontics & Preventive Dentistry Life Member, South Asian Association of Pediatric Dentistry
Dr. Nishi Grover	Life Member, Indian Society of Pedodontics & Preventive Dentistry Life Member, South Asian Association of Pediatric Dentistry

Faculty Invited to Deliver Guest Lectures, Chair Scientific Session

- Dr. Saumya Navit Pedocon 2018- 40th Annual Conference of Indian society of Pedodontics and Preventive Dentistry, 24-26 Oct 2018 Nagpur - Chaired a Session
South Asian Association of Pediatric Dentistry conference, New Delhi from 4th-6th May, 2018 - Chaired a Session

- Dr. Suleman Abbas Khan South Asian Association of Pediatric Dentistry conference, New Delhi from 4th-6th May, 2018 - Chaired a Session

CDEs, CMEs, Workshops, Training Programs, Lectures, Seminars attended

Faculty

- Attended 40th National Conference of ISPPD PEDOCON 2018 at Nagpur from 24th - 26th October 2018.
Dr. Saumya Navit
- Attended hands-on course on Zirconia Implants at ADI Global Conclave, organized by Academy of Dental International, Indian Chapter held from 6th-8th October, 2018 in Lucknow.
Dr. Saumya Navit
- Attended ADI Global Conclave, organized by Academy of Dental International, Indian Chapter held in Lucknow, Uttar Pradesh from 06th– 08th October, 2018.
Dr. Saumya Navit, Dr Seema Jabeen
- Attended pre-conference and hands-on course on Myofacial Orthodontics at ADI Global Conclave, organized by Academy of Dental International, Indian Chapter held from 6th-8th October, 2018 in Lucknow.
Dr Anshul Sharma
- Attended pre-conference and hands-on course on Straight wire Orthodontics at ADI Global Conclave, organized by Academy of Dental International, Indian Chapter held from 6th-8th October, 2018 in Lucknow.
Dr Anshul Sharma
- Attended lecture on Evolution on Endodontic Procedure held at Lucknow on 16th September 2018.
Dr. Saumya Navit, Dr Seema Jabeen.
- Attended Pre-Conference course on Implants and Photography in 1st Biennial Conference of SAAPD at New Delhi, India held on 4th- 6th May, 2018.
Dr. Saumya Navit, Dr. Suleman Abbas Khan, Dr Anshul Sharma.
- Attended pre-conference course on 'Microscopic Endodontics' in South Asian Association of Pediatric Dentistry held in Delhi, 4th-6th May 2018.
Dr Anshul Sharma.
- Attended 1st Biennial conference of South Asian Association of Pediatric Dentistry held in Delhi, 4th-6th May 2018
Dr. Saumya Navit, Dr. Suleman Abbas Khan, Dr Anshul Sharma.

Students

- Attended 40th ISPPD Annual National Indian Society of Pedodontics & Preventive Dentistry Conference held in Nagpur, 24th-26th October 2018.
Dr. Saarika Suresh, Dr. Sana Alia, Dr. Shagun Agarwal, Dr. Roli Dureha, Dr. Sudipa Roy, Dr. Md. Ajmal.
- Received First prize in paper presentation at 40th ISPPD conference, held from 24th-26th October, 2018 in Nagpur.
Dr. Shagun Agarwal
- Attended Pre-Conference course on Myofacial Orthodontics at the Global India Conclave organized by Academy of Dental International, India chapter held in Lucknow on 4th October 2018.
Dr. Anamika Bharati, Dr. Rinee Khanna, Dr. Saurabh Pramanik.
- Attended lecture on Evolution on Endodontic Procedure held at Lucknow on 16th September 2018.
Dr. Saarika Suresh, Dr. Anamika Bharati, Dr. Rinee Khanna, Dr. Saurabh Pramanik, Dr. Md Ajmal, Dr. Roli Dureha, Dr. Sudipa Roy.
- Attended 1st Biennial conference of South Asian Association of Pediatric Dentistry held in Delhi, 4th-6th May 2018

Dr. Divya Rao, Dr. Preeti Singh, Dr. Pallavi Sharma, Dr. Saarika Suresh, Dr. Sana Alia, Dr. Shagun Agarwal, Dr. Anamika Bharati, Dr. Rinee Khanna, Dr. Saurabh Pramanik.



Department of Periodontology

The Staff

Professors

Dr. Vivek Kumar Bains, M.D.S.; *Head of the Department*

Dr. Chetan Chandra, M.D.S.



Readers

Dr. Ruchi Srivastava, M.D.S.

Dr. Rohit Madan, M.D.S.

Senior Lecturers

Dr. Iram Rizvi, M.D.S.

Dr. Padmasana Ojha, M.D.S.

The Charter

Periodontology is the science dealing with the health and diseases of the investing and supporting structures of the teeth and oral mucous membranes. The Department of Periodontology deals with the motivation, education and providing all kinds of nonsurgical and surgical treatment pertaining to patients with oral and periodontal diseases. Department provides quality education to third and fourth year BDS students. This helps them to understand etiopathogenesis, diagnosis and management of common periodontal diseases. With the annual intake of two postgraduate students, the department provides basic and advanced education that helps in developing theoretical and practical knowledge and skill in the area of periodontology and oral implantology.

Research thrust areas

- Diabetes
- Tissue Engineering/Regeneration
- Epidemiological studies

Completed research projects during the year

Dissertation of M.D.S. Students

Ongoing

Dr. Sadaf Mukhtar

Evaluation of low level laser therapy and platelet rich fibrin on donor site healing after vascularized interpositional periosteal connective tissue flap – a clinical study.

Supervisor: Dr Vivek Bains

Co-Supervisors: Dr. Chetan Chandra, Dr Ruchi Srivastava

Dr. Shubhranil Chakrabarty

Efficacy of ozonated water as irrigant on peri-implant tissue – a clinico-radiographic study.

Supervisor: Dr Chetan Chandra

Co-Supervisors: Dr. Vivek Bains, Dr Ruchi Srivastava

M.D.S. Dissertation submitted

Dr. Shashank Yadav

Comparative evaluation of palatal donor site healing after vascularized interpositional periosteal connective tissue (VIP-CT) flap with or without platelet rich fibrin (PRF) – a clinical study.

Supervisor: Dr Rajesh Jhingran

Co-Supervisors: Dr Vivek Kumar Bains, Dr Rohit Madan, Dr Ruchi Srivastava

Dr. Sunakshi Soi

Effect of periodontal therapy with or without Diode Laser on Periodontal Health status of diabetic patients: a randomized clinical study.

Supervisor: Dr Vivek Kumar Bains

Co-Supervisors: Dr Rajesh Jhingran, Dr Ruchi Srivastava, Dr Rohit Madan

MDS Degree Awarded

Dr. Dhanvendra Singh

Interdental papilla reconstruction with platelet rich fibrin (PRF) and connective tissue graft (CTG) using microsurgical approach: a comparative clinical analysis.

Supervisor: Dr Rajesh Jhingran

Co-Supervisors: Dr Vivek Kumar Bains, Dr Rohit Madan, Dr Ruchi Srivastava

Dr. Vatsala Chandra

Comparative evaluation of pouch and tunnel procedure with platelet rich fibrin and connective tissue graft for the management of gingival recession defects – a clinical study.

Supervisor: Dr Vivek Kumar Bains

Co-Supervisors: Dr Rajesh Jhingran, Dr Ruchi Srivastava, Dr Rohit Madan

Membership of Scientific Societies, Committees etc.

<u>Name</u>	<u>Membership details</u>
Dr. Vivek Kumar Bains	Member, Indian Society of Periodontology Member, Indian Society of Periodontology Restorative Dentistry & Periodontology Member, Indian Society of Dental Research Member, Indian Dental Association Member, Indian Science Congress (Medical Section) Member, Indian Society for Oral Implantologists Life Member, Forum for Ethical Review Committee of India (FERCI) Managing Editor, Asian Journal of Oral Health & Allied Sciences
Dr. Ruchi Srivastava	Member, Indian Society of Periodontology Member, Asian Journal of Oral Health & Allied Sciences
Dr. Rohit Madan	Member, Indian Society of Periodontology Member, Indian Academy of Osseointegration Member, Indian Dental Association Fellow, Academy of General Education FAGE Member, Indian Society for Oral Implantologists Member, Asian Journal of Oral Health & Allied Sciences
Dr. Iram Rizvi	Member, Indian Society of Periodontology

Seminars/Conferences/Workshops organized

- Webinar Lecture on “Soft Tissue is (Still) the issue: Peri-implant Tissues in Health & Disease” by Dr. Nikos Mattheos, on 5th October 2016.

- Oral Hygiene Day Celebration, 01 August 2016.

CDEs, CMEs, Workshops, Training Programs, Lectures, and Seminars attended

Faculty

CDE Program on 'Minimal Invasive Implant Dentistry & Immediate Loading Esthetics and Function' held at SDC, Lucknow on 31 st Jan 2017.	Dr. Rajesh Jhingran Dr. Vivek Kumar Bains Dr. Ruchi Srivastava Dr. RohitMadan
29 th ISDR Conference at KGMU, Lucknow from 9 th – 11 th Dec 2016.	Dr.Vivek Kumar Bains
25 th Annual Scientific Meeting of European Association of Osseointegration in Paris from 29 th Sep – 1 st Oct 2016.	Dr. RohitMadan
Elsevier Author Workshop on 8 th Sep 2016.	Dr.Vivek Kumar Bains
3 rd ISP Colloquium on "Controversies in Periodontics" at Chandigarh on 6 th – 7 th Aug 2016.	Dr.Vivek Kumar Bains
Teacher's training and professional development workshop at KGMU, Lucknow on 5 th - 6 th Aug 2016.	Dr. IramRizvi
'1 st Craniofacial Research Foundation Tridental Surgeon' held at SDC, Lucknow on 16 th – 17 th July 2016.	Dr.Vivek Kumar Bains
'Professional Advanced Sinus Training Course' of OSSTEM at Mumbai on 12 th – 15 th May 2016.	Dr.Vivek Kumar Bains
'KGMU Research protocol development, Project management and Budgeting workshop' at KGMU, Lucknow on 7 th May 2016.	Dr.Vivek Kumar Bains

Students:

ISP PG Convention at Manali on 24 th – 26 th March 2017	Dr. Dhanvendra Singh Dr. Vatsala Chandra Dr. ShashankYadav Dr. SunakshiSoi
CDE Program on 'Minimal Invasive Implant Dentistry & Immediate Loading Esthetics and Function' held at SDC, Lucknow on 31 st Jan 2017.	Dr. Monika Singh Dr. Zia Arshad Dr. Dhanvendra Singh Dr. Vatsala Chandra Dr. ShashankYadav Dr. SunakshiSoi
41 st ISP Conference at Nagpur on 21 st – 23 rd Oct 2016	Dr. Dhanvendra Singh Dr. Vatsala Chandra Dr. ShashankYadav Dr. SunakshiSoi

Honours, Awards & Special Attainments

A. Faculty

Name of faculty	Presentations/Scientific Event	Awards / Recognition
Dr. Vivek K Bains	29 th ISDR Conference at KGMU, Lucknow from 9 th – 11 th Dec 2016.	Chairperson at a Scientific session

Dr. Vivek K Bains	29 th ISDR Conference at KGMU, Lucknow from 9 th – 11 th Dec 2016.	Scientific Paper Presentation
Dr. Vivek K Bains	‘1 st Craniofacial Research Foundation Tridental Surgicon’ held at SDC, Lucknow on 16 th – 17 th July 2016.	Organizing Committee member
Dr. Vivek K Bains	Bibliography added in a book ‘ASIA PACIFIC Who’s Who’ (Volume 14)’.	Award



Department of Prosthodontics and Crown & Bridge

The Staff

Professors

Dr. Arvind Tripathi, M.D.S., MNAMS, FACS,
FACP, FAAMP, FICD, Head of Department.
Dr. Sushil K Kar, M.D.S.



Readers

Dr. Hemant Goel, M.D.S.
Dr. Vipin Bhatnagar M.D.S.
Dr. Devendra Chopra M.D.S.
Dr. Gautam Saxena, M.D.S.

Senior Lecturers

Dr. Amita Goel, M.D.S.
Dr. Sudhanshu Singh, M.D.S.
Dr. Sanchit Garg, M.D.S.

Lecturer

Dr. Kirti Nigam, B.D.S

The Charter

The Department of Prosthodontics and Crown & Bridge has successfully diversified the teaching and training curriculum at the post-graduate level by adding components of maxillofacial prosthetics, Cleft Lip and Palate Prosthetics, Sleep Apnea Prosthetics and Geriatric Oral Health. The Department is the first in the country to successfully operate a Craniofacial and Sleep Apnea Prosthetic unit and a Geriatric Oral Health Unit with the support of other centers of health care and medical education. The treatment rendered is free to the patients and has improved the standard of treatment options available to such patients. The Department has devised a strategized protocol for complete denture service, which is unique.

Diversified Curriculum

Craniofacial and Sleep Apnea Prosthetic Unit

Craniofacial and sleep apnea prosthetic unit, inaugurated in January 2012, has continued to provide patient care services at Lucknow Cancer Institute, Sushrut Institute of Plastic Surgery and Department of Pulmonary Medicine, KGMU.

Geriatric Oral Health Unit

The Geriatric Oral Health Unit intends to cater to the specific oral health needs of the old and the infirm. Aging brings with it a derangement in physical and mental state and consequent dependence for activities of daily living. Psychosocial issue such as physical and financial insecurity, fear of ostracises and abandonment and depression are common afflictions of the geriatric population. This leads to self apathy and neglect and personal hygiene. The alarming revelation about the relationship of poor oral hygiene and predilection to cardiac and respiratory disease has necessitated a concerted effort at maintenance of oral health and the hygiene of all types of oral prosthesis. Further in caregiver institutions, the nursing staff is often negligent to the protocols of assistance in oral health care. Hence training module for them also needs to be evolved.

Research thrust areas

- Dental sleep medicine
- Maxillofacial prosthetics
- Bone biology
- Dental Materials
- Prosthodontic care for geriatric patient

Ongoing research projects during the year**Faculty**

- Biomarkers for diagnosis of obstructive sleep apnea
- Molecular mechanisms of osseointegration
- Mechanisms of bonding of ceramic to non-precious and semiprecious alloy.
- Effect of different customized abutment on retention of cement retained etal coping and stress distribution to bone surrounding the implant; A Finite Element Analysis
Principal Investigator: Dr. Sushil Kar

Dissertation of MDS students**Ongoing**

Deepmala Pandey

Supervisor – Dr Arvind Tripathi

Thesis- To evaluate the fracture resistance of different composite core build up material –an in vitro study

Priyesh Gupta

Supervisor – Dr Arvind Tripathi

Thesis- Identification of constraints in geriatric oral health care

Nilisha Shukla

Supervisor – Dr Arvind Tripathi

Thesis- Finite element analysis of stresses applied by maxillary prosthesis in remnant hard tissue

Salina Khatun

Supervisor – Dr Himanshi Aggarwal

Thesis- Comparison of the abrasion resistance of cad cam and conventional ceramic materials: an in- vitro study

Santosh Bhardwaj

Supervisor – Dr Devendra Chopra

Thesis- Surface configuration and microbial adherence to different type of ceramic restoration – A comparative study.

Swati Singh

Supervisor – Dr Arvind Tripathi

Thesis- Correlation of subjective and objective evaluation in obstructive sleep apnea – A retrospective study.

Dissertation submitted

Deepmala Pandey

Supervisor – Dr Arvind Tripathi

Topic- Peek and its uses

Priyesh Gupta
 Supervisor – Dr Arvind Tripathi
 Topic-Accuracy of digital impression techniques in fixed prosthodontics

Nilisha Shukla
 Supervisor – Dr Arvind Tripathi
 Topic- Significance of oral biofilm in the prognosis of dental implants

Salina Khatun
 Supervisor – Dr Himanshi Aggarwal
 Topic- Bone mineral density and its significance in prosthodontics

Santosh Bhardwaj
 Supervisor – dr devendra chopra
 Topic- Sleep bruxism

Swati Singh
 Supervisor – Dr Arvind Tripathi
 Topic- Adverse effects of mandibular advancement device

MDS Degree awarded

Dr. Jyoti Agarwal
 Evaluation of cytokines and interleukins level as biomarkers of oral mucosa status after denture use- a time control study
 Supervisor: Dr. Arvind Tripathi
 Co-Supervisor: Dr. Sushil K Kar

Dr. Khan Sayida Ejaz
 Influence of different maxillary arch shape and palatal vault configurations on mechanical strength of complete denture bases-An in vitro study
 Supervisor: Dr. Sushil K Kar
 Co-Supervisor: Dr. Arvind Tripathi

Dr. Kuthokathan Melwin Johnson
 Comparative study of antibacterial activity of five different luting cements on strains of mutans streptococci in human saliva: An in vitro study
 Supervisor: Dr. Sushil K Kar
 Co-Supervisor: Dr. Arvind Tripathi

Dr. Pankaj Kumar Singh
 Cone beam computerized tomographic evaluation of the anatomical changes of temporomandibular joint after insertion and use of dentures: a time control study
 Supervisor: Dr. Arvind Tripathi
 Co-Supervisor: Dr. Sushil K Kar, Dr. Sabyasachi Sarkar

Dr. Pradeep Kumar Pandey
 Evaluation of Nutritional status of edentulous patients before and after the insertion of complete denture
 Supervisor: Dr. Arvind Tripathi
 Co-Supervisor: Dr. Sushil K Kar

Dr. Praveen Rai

Comparative evaluation of prevalence and reproducibility of centric point at different time intervals in complete edentate patients- an in vivo study

Supervisor: Dr. Sushil K Kar

Co-Supervisor: Dr. Arvind Tripathi

Membership of Scientific Societies, Committees etc.

<u>Faculty Name</u>	<u>Scientific Society</u>
Dr. ArvindTripathi	Life Member, Indian Prosthodontic Society Annual Member, Indian Dental Association Fellow, Pierre Fauchard Academy Fellow, American Cancer Society Fellow: American College of Prosthodontists Fellow: American Academy of Maxillofacial Prosthetics Fellow: American Cleft Palate Association Fellow: International College of Dentists Member: National Academy of Medical Sciences, India Member Editorial Board: Asian Journal of Oral Health & Allied Sciences Journal of Indian Prosthodontic Society Cleft Palate and Craniofacial Journal
Dr. Sushil K. Kar	Life Member, Indian Prosthodontic Society Annual Member, Indian Dental Association Member of Editorial Board in Asian Journal of Oral Health and Allied Sciences Board of Studies, BabuBanarasi Das University
Dr. VipinBhatnagar	Life Member, Indian Prosthodontic Society Life Member, Indian Society of Oral Implantology President IDA Khed (Maharashtra).
Dr. Devendra Chopra	Life Member, Indian Prosthodontic Society Annual Member, IDA Member International Congress of Oral Implantology (ICOI)
Dr. HementGoel	Life Member, Indian Prosthodontic Society Annual Member, Indian Dental Association
Dr. GautamSaxena	Annual Member, Indian Prosthodontic Society Life Member, Indian Dental Association
Dr. AmitaGoel	Life Member, Indian Prosthodontic Society Annual Member, Indian Dental Association
Dr. Sudhanshu Singh	Life Member, Indian Prosthodontic Society Annual Member, Indian Dental Association
Dr. Kirti Nigam	Life Member, Indian Dental Association

Faculty Invited to Deliver Guest Lectures

Dr. Arvind Tripathi: - Delivered a Lecture on “Oral Appliance for Obstructive Sleep Apnea.”

CDEs, CMEs, Workshops, Training Programs, Lectures, Seminars attended

Seminars organized	1. Dr. Arvind Tripathi- Coordinated and conducted first international workshop on dental sleep medicine at the 4th south east asian academy of sleep medicine conference, October 2018 2. Dr. Himanshi Aggarwal- Organized National workshop on Maxillofacial Prosthodontics held in KGMU, Lucknow on 8 sept. 2018.
CDEs and Workshops attended	
Dr. Arvind Tripathi	1. 4th International Conference on sleep disorders 2018, 12th – 14th October, held at Hyatt Regency, Lucknow organized by south east asian academy of sleep medicine. 2. Attended national workshop on maxillofacial prosthetics at king george’s medical university, lucknow on 8th sept. 2018 3. Attended faculty development programme on innovations in teaching and learning conducted by dr. Vaishalikelusker at saraswati dental college on 23 jan. 2019. 4. Annual meeting session (aadsm) ,baltimore,md-june ,2018. 5. Selected as member of council of prosthodontic research, by indian prosthodontic society in august 2018.
Dr. Devendra Chopra	1. 4th international conference on sleep disorders 2018, 12th – 14th october, held at hyatt regency, lucknow. Organized by south east asian academy of sleep medicine. 2. Hands on course on “use of ultrasonic piezo surgery in oral surgery & implantology” organized by unicorn dental academy on 12th of august 2018 at hotel the grand radiant, lucknow. 3. National workshop on maxillofacial prosthodontics (mandibular guidance appliance), at kgmu, kalam centre lucknow on 8th september 2018. 4. Workshop on dental sleep medicine held on 12th october 2018, at hotel hyatt, Lucknow. 5. Attended faculty development programme on innovations in teaching and learning conducted by dr. Vaishalikelusker at saraswati dental college on 23 jan. 2019. 6. Attended workshop/cde on occlusal concepts in prosthodontics conducted by dr. Atulbhatnagar at career dental college on 8 feb. 2019. 7. Attended workshop/cde on “tissue is the issue” conducted by dept. Of periodontology at saraswati dental college on 18 and 19 jan., 2019.
Dr. Himanshi Aggarwal	1. Attended and organized national workshop on maxillofacial prosthodontics held in kgmu, lucknow on 8 sept., 2018. 2. Attended 46th ips conference, mangalore in nov.2018 3. Attended dental sleep medicine workshop in 4th international conference on sleep disorders in october 2018, lucknow. 4. Attended faculty development programme on innovations in teaching and learning conducted by dr. Vaishalikelusker at saraswati dental college on 23 jan. 2019.

	5. Attended workshop/cde on occlusal concepts in prosthodontics conducted by dr. Atul bhatnagar at career dental college on 8 feb. 2019.
Dr. Sumit Kumar Misra	1. Attended a “full day workshop on basic and advanced endodontics” by sponsored by sensodyne and famdent at lucknow-15th july 2. Attended 4th international conference on sleep disorder (12-14th october 2018 at hyatt regency, lucknow) 3. Attended cde and hands on course on ‘use of ultrasonic piezo surgery in oral surgery and implantology (12 august, 2018 at hotel the grand radient, lucknow) 4. Attended faculty development programme on innovations in teaching and learning conducted by Dr. Vaishali kelusker at Saraswati Dental College on 23 Jan. 2019. 5. Attended workshop/cde on occlusal concepts in prosthodontics conducted by dr. Atulbhatnagar at career dental college on 8 feb. 2019. 6. Attended workshop/cde on “tissue is the issue” conducted by dept. Of periodontology at saraswati dental college on 18 and 19 jan., 2019.
Dr. Sudhanshu Srivastava	1. Attended workshop on dental sleep medicine on october 2018, at hyatt, lucknow. 2. Attended faculty development programme on innovations in teaching and learning conducted by dr. Vaishalikelusker at saraswati dental college on 23 jan. 2019. 3. Attended workshop/cde on occlusal concepts in prosthodontics conducted by dr. Atulbhatnagar at career dental college on 8 feb. 2019.
Dr. Akanksha Srivastava	Attended workshop on dental sleep medicine on october 2018, at hyatt, lucknow.
Dr. Kirti Nigam	1. Attended workshop on dental sleep medicine on october 2018, at hyatt, lucknow. 2. Attended faculty development programme on innovations in teaching and learning conducted by dr. Vaishali kelusker at saraswati dental college on 23 jan. 2019.
- Astha Agarwal - Neha Jaiswal - Kaushitaki Bhaumik - Vidhi Sharma	1. Attended 20th IPS Convention, Chennai in July 2018. 2. Attended 4th international conference on sleep disorders 2018, 12th – 14th october, held at hyatt regency, lucknow. Organized by south east asian academy of sleep medicine. 3. Attended national workshop on maxillofacial prosthetics at king george’s medical university, lucknow on 8th sept. 2018
- Deepmala Pandey - Nilisha Shukla - Salina Khatun - Swati Singh - Santosh Bhardawaj - Priyesh Gupta	1. Attended 46th ips conference, mangalore in nov. 2018. 2. 1. Attended 4th international conference on sleep disorders 2018, 12th – 14th october, held at hyatt regency, lucknow. Organized by south east asian academy of sleep medicine. 3. Attended national workshop on maxillofacial prosthetics at king george’s medical university, lucknow on 8th sept. 2018
Honours/awards	Dr. Arvind Tripathi: 1. Clinical research award by aadsm for excellence in research in dental sleep medicine, june 2018. 2. Session chair, session on prosthodontics, annual conf on academie dentaire international, lucknow in nov. 2018. 3. Guest speaker for dental sleep medicine workshop in 4th international conference on sleep disorders in october 2018, lucknow.

	4. Only person from south-east asia out of 137 candidates to be awarded FDS-RCPS (Glasgow) this year by royal college of physicians and surgeons of glasgow on 22 Feb 2019. 5. Appointed external examiner from babu banarasi das university, lucknow (u.p), and india for m.d.s.final year practical examination in subject of prosthodontics, crown and bridge held on july 2019 at bbdcods, lucknow. Dr. Devendra Chopra 1. Appointed external examiner from babu banarasi das university, lucknow (u.p), and india for b.d.s 2nd year practical examination in subject of dental material held on 18th August 2018 at bbdcods, lucknow. 2. Appointed external examiner for dental mechanic exam and mds exam held on 18th August 2018 at from IDS, Bareilly (U.P) & BBDCODS, Lucknow. Dr. Himanshi Aggarwal 1. Invited guest speaker for dental sleep medicine workshop for topic entitled “gender differences in osa” in 4th international conference on sleep disorders in october 2018, lucknow. 2. Awarded certificate of advanced clinical prosthodontic training at tokyo medical and dental university, 2015 awarded jointly by indian prosthodontic society and japan prosthodontic society during 46th ips conference, mangalore in nov. 2018. Dr. Kirti Nigam 1. Awarded certificate of “best lecturer” on 26 Jan, 2019 2. Awarded certificate of appreciation for NAAC on 26 Jan, 2019. Dr.Kaushitaki Bhaumik and Dr.Neha Jaisawal Won IInd prize in poster presentation entitled “fabrication of auricular prosthesis using 3d printing” 20th IPS PG Convention, Chennai in July 2018.
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Department of Public Health Dentistry

The Staff

Professor

Dr. Vivek K Bains, M.D.S., *Head of the Department*

Senior Lecturers

Dr. Pallavi Singh, M.D.S.

Dr Ipshita Potlia, M.D.S

Lecturers

Dr. Anamika Verma, B.D.S.

Dr. Rishikant Shukla, B.D.S.

The Charter

The Department of Public Health Dentistry is dedicated to meet the health needs of the community through available knowledge and resources. The services provided by the department cover full range of preventive, curative and rehabilitative services for the rural population with no cost what-so-ever to the people through:

- Satellite Centers, which are dental clinics
- Regular dental health care programs/camps
- School dental checkup programs
- Awareness programs using charts, personal interviews and models to provide comprehensive oral health care

The department has an airconditioned MOBILE DENTAL VAN equipped with a dental chair with all attachments required for functioning, a basin, a wooden almirah for keeping instruments and materials, public address system, generator and a compressor to make all specialty services available to the rural population at their doorstep.

Research thrust areas

- Communicable diseases
- Non-communicable diseases
- Occupational injuries
- Epidemiological studies
- Preventive Diseases
- Oral Health and Hygiene

Membership of Scientific Societies, Committees etc.

Faculty Name

Scientific Society

Dr. Vivek K Bains

Member, Indian Society of Periodontology
Member, Indian Dental Association

Dr. Pallavi Singh

Life Member, Indian Association of Public Health Dentistry
Member, Indian Dental Association
Member, International Association of Public Health Dentistry

Dr Ipshita Potlia

Member, Indian Association of Public Health Dentistry

Faculty Invited to Deliver Guest Lectures-

Dr. Pallavi Singh: Delivered lectures on Oral Health Talk pertaining to Oral Cancer, Periodontitis, Dental Caries, Malocclusion, Fluorides and Oral Hygiene Maintenance at:

- Income Tax Office, 2 April 2018
- Millennial School, 7 April 2018
- Food Corporation of India, 11 May 2018
- UP Pollution Control Department, 18 May 2018
- Laula Village, 10 August 2018
- Automovers, 22 February 2019

Camps organised

Community outreach of faculty and students of the Department of Public Health Dentistry is facilitated through scheduled visits to various nearby villages, schools, colleges and other institutions for providing services like oral health awareness, diagnostic and treatment camps. Emphasis is also laid to make the masses aware of various communicable and non-communicable diseases and methods of preventing them. The institute has a dedicated “Mobile Dental Van” for this purpose. This sensitizes the students and faculty towards the dental/medical healthcare needs of the society and gives them the opportunity to effectively interact with patients of diverse social backgrounds. During this year a total of 81 camps were organised where patients were examined as detailed below:



S.no.	Date	Place of camp	Type of camp	Total number of patients diagnosed
1.	2-4-18	Income Tax Office	Treatment	55
2.	7-4-18	School (Millenium School)	Diagnostic	124
3.	16-4-18	Village (Salarganj)	Treatment	95
4.	20-4-18	Village (Tilakpurwa)	Diagnostic	107
5.	27-4-18	School (City Public School)	Diagnostic	116
6.	2-5-18	Village (Badali)	Treatment	108
7.	11-5-18	Food Corporation of India	Treatment	115
8.	14-5-18	School (SVM Higher Secondary School)	Diagnostic	77
9.	18-5-18	UP Pollution Control Department	Treatment	97

10.	24-5-18	Village (Parethia)	Diagnostic	110
11.	4-6-18	Mukhya Gram Niyojak Department	Treatment	91
12.	8-6-18	Village (Khaspariya)	Diagnostic	107
13.	14-6-18	Village (Garhi)	Treatment	93
14.	20-6-18	Village (Gurukapurwa)	Diagnostic	113
15.	27-6-18	Village (Umarpur Sandauli)	Treatment	125
16.	16-7-18	School (Rani Laxmi Bai Inter college)	Diagnostic	109
17.	20-7-18	Village (Sarthara)	Treatment	93
18.	23-7-18	Village (Mati)	Diagnostic	104
19.	26-7-18	School (Well Day Public school)	Diagnostic	95
20.	6-8-18	Village (Swami Vivekanand Smarak Vidyalaya)	Diagnostic	109
21.	9-8-18	Village (Laula)	Treatment	130
22.	10-8-18	Village (Laula)	Treatment	110
23.	11-8-18	Village (Laula)	Treatment	105
24.	16-8-18	Maruti Suzuki	Treatment	230
25.	23-8-18	School (Subhash Adarsh Inter College)	Diagnostic	140
26.	24-8-18	School (Subhash Adarsh Inter College)	Diagnostic	150
27.	28-8-18	Village (Asaini)	Treatment	129
28.	1-9-18	School (Baba Kaanha Das)	Diagnostic	140
29.	5-9-18	UP Gram Niyojak Vibhag	Treatment	104
30.	10-9-18	Village (Gahi)	Treatment	136
31.	18-9-18	Village (Bahadurpur)	Treatment	146
32.	22-9-18	School (New Ideal Public School)	Diagnostic	146
33.	24-9-18	Village (Taswara)	Diagnostic	103
34.	27-9-18	Village (Bithauli)	Diagnostic	125
35.	28-9-18	Village (Bithauli)	Treatment	112
36.	1-10-18	Village (Bhawanipur)	Diagnostic	129
37.	5-10-18	Village (Bhawanipur)	Treatment	92
38.	9-10-18	School (New Millenium School)	Diagnostic	151
39.	13-10-18	Village (Sandauli)	Treatment	164
40.	17-10-18	School (Aryan Public School)	Diagnostic	147
41.	22-10-18	Village (Salarganj)	Treatment	149
42.	25-10-18	Village (Mishranpurwa)	Diagnostic	133
43.	29-10-18	Village (Garhi)	Treatment	152
44.	2-11-18	Village (Khaspariya)	Diagnostic	153
45.	12-11-18	School (Raja Ram Mishra Memorial)	Diagnostic	145
46.	16-11-18	Village (Rustampurwa)	Treatment	136
47.	20-11-18	Village (Tilakpurwa)	Treatment	120
48.	23-11-18	School (Bhrag Public School)	Diagnostic	122
49.	27-11-18	Village (Lalpurwa)	Treatment	134

50.	29-11-18	Village (Ganj)	Diagnostic	137
51.	30-11-18	Village (Ganj)	Treatment	121
52.	3-12-18	Village (Anaura)	Diagnostic	136
53.	6-12-18	School (Saraswati Shishu Mandir)	Diagnostic	145
54.	12-12-18	School (Jaggannath Prasad Inter College)	Diagnostic	156
55.	17-12-18	Village (Bada Anaura)	Diagnostic	157
56.	19-12-18	Village (Narendi)	Treatment	145
57.	24-12-18	Village (Gohelia)	Treatment	142
58.	27-12-18	Village (Sandauli)	Diagnostic	142
59.	31-12-18	Village (Umarpur)	Treatment	125
60.	2-1-19	School (Rani Laxmibai)	Diagnostic	135
61.	8-1-19	Village (Kewari)	Treatment	132
62.	15-1-19	Village (Juggaur)	Treatment	126
63.	18-1-19	School (Krishna Montessori)	Diagnostic	142
64.	21-1-19	School (Vivekanand Smarak Vidyalaya)	Diagnostic	162
65.	23-1-19	Village (Gurukapurwa)	Treatment	110
66.	25-1-19	Village (Dayarampurwa)	Diagnostic	135
67.	29-1-19	Village (Rahmankhera)	Diagnostic	110
68.	31-1-19	Village (Rahmankhera)	Treatment	116
69.	4-2-19	Village (Saray sheikh)	Treatment	143
70.	6-2-19	Village (Saraymihi)	Treatment	150
71.	12-2-19	School (Samar City High School)	Diagnostic	156
72.	18-2-19	Village (Parethia)	Diagnostic	123
73.	22-2-19	Corporate Automovers	Treatment	90
74.	25-2-19	School (Smarak Jaggannath Prasad Vidhyalaya)	Diagnostic	140
75.	27-2-19	Village (Jauga)	Diagnostic	130
76.	2-3-19	School (Baba Kunha Das)	Diagnostic	130
77.	6-3-19	Village (Shaypur)	Treatment	126
78.	11-3-19	Village (Gurukapurwa)	Diagnostic	113
79.	15-3-19	Food Corporation of India	Treatment	72
80.	25-3-19	Village (Gorakhpur)	Treatment	113
81.	27-3-19	School (Sri Krishna Montessori)	Diagnostic	145

Villages & Schools adopted

The Institute has a close association with surrounding villages, Schools, Gram Panchayats, Principals and Community Centers. The institute has adopted the following villages & Schools within about 10 km radius of the institution with the intent of:

- Regular conduct of oral and general healthcare camps.
- Providing free healthcare facilities at their doorstep through Mobile Dental Van. Special attention is paid to oral health needs of women and children in general and pregnant women in particular.
- Providing awareness and education about oral and general health and prevention of oral and general diseases.

- Make local community aware of various communicable and non-communicable diseases and methods of preventing them.

This has led to improvement in oral/dental health of the residents of these villages/schools.

List of School Adopted By Saraswati Dental College

S. No.	Name of the School	Date of adoption
1	Bosco Inter College	7-9-14
2	SDM Inter College	12-8-16
3	Indian Public School	8-9-16
4	Awan School	27-12-16
5	Jaggannath Prasad Smarak Vidyalaya	23-3-18

List of Villages Adopted By Saraswati Dental College

S. No.	Name of the Village	Date of adoption
1	Village Bitauli	4-4-14
2	Village Khasparia	4-4-14
3	Village Gokulpur	5-4-14
4	Village Asaini	7-4-14
5	Village Saraymihi	10-4-14
6	Village Chatena	12-4-14
7	Village Saethara	12-4-14
8	Village Lakhaicha	12-4-14
9	Village Gadiya	14-4-14
10	Village Bhuhera	21-4-14
11	Village Renuda	24-4-14
12	Village Mati	28-4-14
13	Village Hasemau	5-5-14
14	Village Basti	6-5-14
15	Village Beejemau	9-5-14
16	Village Sandauli	10-5-14
17	Village Anaurakala	28-8-14
18	Village Papnamau	23-8-16
19	Village Narendi	30-8-16
20	Village Juggour	20-9-16
21	Village Daniyalpur	12-11-16
22	Village Kiwari	9-2-17

DAYS CELEBRATED

S.NO	DAY CELEBRATED	DATE	VENUE
1	World No Tobacco Day	31-5-16	Saraswati Dental College
2	World Population Day	11-7-16	Village Sandauli
3	World Breast Feeding Week	3-8-16	Saraswati Dental College and Hospital
4	Dentists Week	3-3-17	Mother Teresa Missionary Charity, Ganj
5	World No Tobacco Day	31-5-17	Saraswati Dental College
6	World Health Day	7-4-17	Village Bitauli
7	Woman's Equality Day	26-8-17	Saraswati Dental College
8	World's AIDS Day	1-12-17	Village Bitauli
9	World Health Day	7-4-18	Millenium School
10	World Health Day	5-4-19	Times of India
11	No Tobacco Month – Awareness Camp	9-5-19	Millenium School
12	No Tobacco Month – Anti Tobacco Camp	16-5-19	Awadh Law College
13	No Tobacco Month – Anti Tobacco Rally	25-5-19	Omega Apartments
14	No Tobacco Month – Anti Tobacco Camp	30-5-19	Coca-Cola Factory
15	World Environment Day	5-6-19	Brindavan Bottlers Private Limited

CDEs, CMEs, Workshops, Training Programs, Lectures, Seminars attended

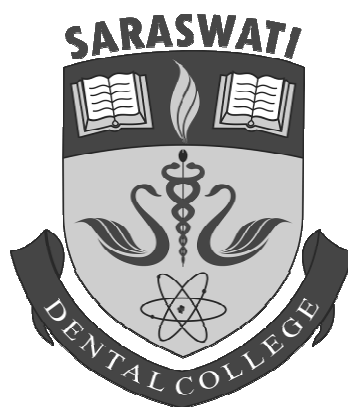
Faculty

Honours, Awards & Special Attainments

A. Faculty

Name of faculty	Awards / Recognition
Dr. Pallavi Singh	Commendation Certificate for outstanding initiative and exemplary performance of duties as team member in preparation of Saraswati Dental College, Lucknow for NAAC Accreditation and achieving "A" grade.





Section II contd.

Departmental Achievements

B. Basic Sciences

Department of Anatomy

The Staff

Professors

Dr. AK Srivastava, Ph.D., *Head of the Department*



Lecturers

Dr. Nandini Shukla, B.D.S

The Charter

At the undergraduate level, the Department of Human Anatomy, Embryology & Histology offers teaching gross anatomy of the face, neck region, oral cavity, nasal cavity, pharynx, brain and spinal cord with references to attachment of cranial nerves to the brainstem, detailed study of cranial nerves with nuclei, comparative study of fetal skull and adult skull; development, ossification, age changes and evaluation of mandible in detail, organ of special senses, practical demonstrations and assignments on different aspects of the subject. Embryology including development of face, palate, nasal septum and nasal cavity, paranasal air sinuses, salivary glands, pharyngeal apparatus, tooth with age changes. Congenital anomalies of face in details, study of the microscope and other laboratory instruments, cell and its organelles, epithelium of oral cavity and respiratory tract, types of tissues, histological examination of tissues of various systems like cardiovascular system, nervous system, integumentary system, respiratory system, gastrointestinal system, urinary system, reproductive system, lymphatic system, endocrine system, organs of special senses under normal conditions, histological techniques, stains and staining techniques acid/basic/ neutral, hematoxylin, eosin, orcein, silver and gold impregnation, osmotic acid, Von Kossa, Periodic Acid Schiff, Aldehyde Fuchsin, Sudan Dyes, Oil Red O, Methylene Blue, Giemsa, Best's Carmine, Feulgen Nuclear Reaction, Alcian Blue, Janus-Green B, Weigert Stain, Azan, Gomori Phloxine Stain etc.

At the postgraduate level, the department offers teaching on growth & development of head, neck and face, development of jaw bones with age changes, vessels supply of head and neck, content of orbits, side, back and triangle of neck, temporal and infratemporal fossa, nose and paranasal sinuses and practical demonstrations of hard and soft parts of human body, temporomandibular joints, model on masticating muscles, development of tongue and face, heart and teeth, staining techniques and provides necessary guidance and facilities for dental departments.

Research thrust areas

Ongoing research projects

Faculty projects

Dissertation of M.D.S. students

A. *Ongoing*

-

B. *Dissertation submitted*

-

C. M.D.S. Degree awarded

-

Faculty Invited to Deliver Guest Lectures

-

Seminars/Conferences/Workshops organized

-

CDEs, CMEs, Workshops, Training Programs, Lectures, Seminars attended

-

Honours, Awards & Special Attainments

-



Department of Biochemistry

The Staff

Professors

Dr. Alka Yadu, M.Sc., Ph.D., *Head of the Department*



Dr. Alka Yadu

Lecturers

Dr. Kirti Singh

Dr. Pooja

The Charter

At the under-graduate level, the Department of Biochemistry offers teaching, practicals, seminars and assignments to provide the students with sound knowledge on various concepts of Biochemistry which are applied to Dental sciences to make them conversant with the principals and clinical application of Biochemistry.

The lectures cover structure, properties and metabolism of carbohydrates, fats, amino acids, peptides and proteins, and introduction to the nature of enzymes and enzymatic reactions, vitamins, mineral metabolism, whole body metabolism, biological oxidation, nucleic acids and protein synthesis.

The practicals include estimation of blood sugar, blood cholesterol, urine analysis, identification of carbohydrates, amino acids, gastric juice analysis etc.

The seminars are presented by the students under the guidance of faculty on the topics allotted to groups of 5 students each so as to train them for PowerPoint presentations and enhance their knowledge about the subject.

At the post-graduate level, all the above topics are dealt with in greater detail depending on their speciality.

Research thrust areas

- Oral Cancer and precancerous lesions
- Endocrinology



Department of General Pathology & Microbiology

The Staff

Professors

Dr. Asha Mathur, M.D., *Head of the Department*



Reader

Dr. Apurva K Srivastava, B.D.S., M.Sc. (Microbiology)

Lecturer

Dr. Ruchi Verma

The Charter

At the undergraduate level, the Department of General Pathology & Microbiology offers teaching (General Pathology, Bacteriology, Immunology, Virology, Parasitology, and Mycology), practical demonstrations and assignments on different aspects of the subject. This includes study of the microscope and other laboratory instruments, sterilization techniques, culture media preparation, blood culture, fungal culture, throat swab culture (using Nutrient agar, Blood agar, Mac Conkey's agar etc.) and patient sensitivity, bacterial identification tests, microfilaria, malarial parasite, Ascaris and other intestinal parasites, stool examination, Gram staining, acid fast staining, VDRL test, WIDAL test, antibiotic sensitivity test, ELISA, different immunological tests, routine blood and urine tests and histopathological examination of different tissues under normal and pathological conditions. At the postgraduate level, the department offers teaching and practical demonstrations on culture and staining techniques and provides necessary guidance and facilities for microbiological work such as preparation of Platelet Rich Fibrin (PRF), clinical predilection of transmission of microflora from tooth to implant, estimation of salivary secretory immunoglobulin A, *Streptococcus mutans* count and salivary sodium, potassium levels. Blood examination (Hb%, TLC, DLC), Urine examination for protein, sugar, occult blood, Ketone bodies etc., Histopathological slides of normal and abnormal (pathology) specimens eg. Malignancies, Inflammatory changes and Blood films like Anemias, Leukemias.

Research thrust areas

- Oral Viruses
- Japanese encephalitis virus
- Fluorosis

Ongoing research projects

Faculty

Dissertation of M.D.S. students

- A. Ongoing
- B. Dissertation submitted
- C. M.D.S. Degree awarded

Membership of Scientific Societies and Committees

<u>Name</u>	<u>Membership details</u>
Dr. Asha Mathur	Fellow, Indian National Science Academy (1990) Fellow, Indian Academy of Sciences, Bangalore (1993) Fellow, National Academy of Sciences, Allahabad (1989), Fellow, National Academy of Medical Sciences (India) (1992) Fellow, Academy of Sciences for the Developing World, Italy (TWAS) (2001) Fellow of Royal College of Pathologists (FRC Path), London Member, Sectional Committee, Indian National Science Academy (INSA), New Delhi, 2012-2015 Member, ICMR Influenza Task Force for review of the project entitled 'Multisite epidemiological and virological monitoring of human Influenza, surveillance network in India, Phase II'. Advisor, Institutional Research & Development Committee, Saraswati Dental College, Lucknow President, UP Association of Medical Microbiologists and attended the Annual conference at NOIDA, February 1 2014.

Faculty Invited to Deliver Guest Lectures

Papers published:

Seminars/Conferences/Workshops organized

CDEs, CMEs, Workshops, Training Programs, Lectures, Seminars attended

Honours, Awards & Special Attainments



Department of Pharmacology

The Staff

Professors

Dr. K S Dixit, *Head of Department*

Reader

Dr. Gautam Palit

Sr. Lecturer

Dr. Mohan Das

Lecturer

Dr. Renu Nath



The Charter

The Department is concerned with the delivery of knowledge about the drugs affecting physiological system and pathological states which are used by the dental surgeons for the prevention, diagnosis & the treatment of different ailments pertaining to dental patients. For this purpose, the Department offers lectures, practicals, demonstrations and assignments on the following aspects:

- General pharmacology
- Drugs acting on autonomous & central nervous systems
- Cardiovascular, respiratory, gastrointestinal, endocrinal & renal pharmacology
- Antimicrobial agents & pharmacotherapy of common oral conditions.
- Agents and chemicals used in dental practice as a special subject.
- Practical knowledge for preparing gum paints, astringents and formulations for mixtures and ointments etc.

In addition, seminars are also presented by groups of students under the guidance of faculty on randomly selected topics to enhance their knowledge about the subject.



Department of Physiology



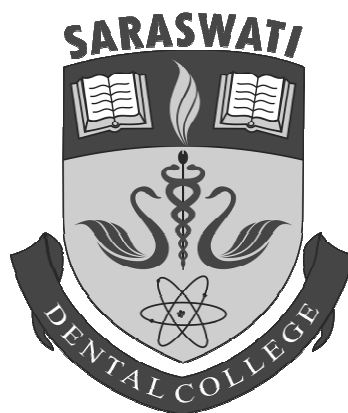
The Staff

At the under-graduate level, the Department of Physiology offers teaching of physiology in lectures, practicals, demonstrations, assignments and seminars on different aspects of the subject. This includes:

- Study of Microscope and other Laboratories Instruments
- Study of hematology and practical testing of total RBC, total WBC, differential leukocyte count, ESR, hemoglobin, bleeding time, clotting time and blood sugar levels
- Teaching and practical of ECG, Spirometry, Blood Pressure Pulse and reflexes
- Teaching of nerve muscle conduction and heart on kymograph and charts
- Lectures on all systems of body viz., General physiology, Haematology, CNS, CVS, respiration, GIT, reproduction, family planning, excretion, endocrine, skeletal and autonomous nervous systems with special reference to senses, skin and temperature regulation.

At the post-graduate level, all the above systems are taught in greater detail depending on their area of specialisation of the students.





SECTION III

CDEs, Conferences, Workshops, Lectures and Webinars organised

Guest Lecture – 29/jan/2019

Lecture on “Financial Management “by Mr.Gaurav Srivastava, Circle Head, HDFC Life, Lucknow was organized on 29th January 2019



WORKSHOP-13/JAN/2019

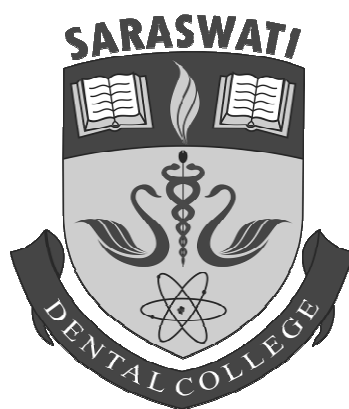
Workshop on OSMF was conducted by department of Oral & Maxillofacial Surgery on 13/Jan/2019



WORKSHOP-21st / Feb / 2019

Saraswati Dental College in collaboration with IDP Education , India is conducting a workshop on “Enhancing your soft skills –Interview etiquettes “ on 21st feb 2019 [Thursday] . Mrs. Chuki Kar, [Australian Counselor] and Mrs. Priyanka Chopra [U.K .Counselor] were the external resource persons





Major Events Organized

‘Basant Panchmi’ Saraswati Pooja was held on 8th February 2019 [Friday]



Tribute to our beloved Founder Chairman, Late Lt.Col.T.S. Mathur who left us on 28th January 2016 for heavenly abode.



College Topper: M.D.S.

1st Dr. Shamita Tiwari (Speciality – Oral & Maxillofacial Surgery)
Marks - 457/600

2nd Dr. Srikant Chakravarty (Speciality – Oral & Maxillofacial Surgery)
Marks – 440/600

3rd Dr. Arpita Komal (Speciality – Oral & Maxillofacial Surgery)
Marks – 438/600

3rd Dr. Shomaila Ahmad (Speciality – Oral Pathology)
Marks – 438/600

College Toppers: B.D.S.

4th Year (Batch 2013-14) – Mr. Shivam Subhash Chitley
Marks – 1234/1600

3rd Year (Batch 2014-15) – Ms. Tripti Rathore
Marks – 482/600

3rd Year (Batch 2015-16) – Ms. Shivani Priyadarshini
Marks – 533/600

2nd Year (Batch 2016-17) – Miss Poonam Shukla
Marks – 623/800

1st Year (Batch 2017-18) – Miss Mahima Bajpai
Marks – 436/600

Saraswati Houses

College Captain: MISS. SINEEN KHAN

HOUSES

Raman	Chawla	Tagore	Krishnan
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Captains

Mr. Akashdeep	Ms. Aishwarya Tripathi	Ms. Shagun Dhama	Mr. Ajay Dubey
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Vice Captains

Ms. Toshi Sharma	Ms. Tanupriya Saxena	Ms. Bhawna Anand	Ms. Rashmi Rani
Mr. Abhinoy Paul	Mr. Ankit Sharma	Mr. Gaurav Chowdhury	Mr. Alok Shukla

COMMITTEE

Literary	Sports	Cultural	Media
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Secretaries

Ms. Bishakha Subedi	Ms. Shifa Raza	Ms. Piyush Varsha	Miss Bunipriya Kashyup
Mr. Ninad Das	Mr. Dibesh Basak	Mr. Mohd. Sadan	

Saraswati Dental College

233 Tiwari Ganj, Faizabad Road, Lucknow

Revenue & Expenditure of Funds

Period: 01 April 2016 – 31 March 2017

A. Source of Funds	<u>Rupees in Lacs</u>
Govt. Departments	:
	Nil
Industries	:
	Nil
Foreign	:
	Nil
Grant-in-Aid	:
	Nil
Institutional Income generated	:
	1,957.98
Total	:
	1,957.98

*Saraswati Dental College is a Self Financing Institution. Its sources of income are: Tuition Fee from the students, Hostel Fee from the students, Interest on SB Account, Interest on FDRs, OPD & IPD Receipts, Doctors' visits and miscellaneous receipts.

A. Expenditure of Funds	<u>Rupees in Lacs</u>
Institutional expenditure	:
	1,190.82
Research & Development	:
	196.86
Corpus Fund	:
	570.30
Total	:
	1,957.98

Acknowledgements

We thank the Management, Heads of the Departments, Faculty, Staff and Students for providing necessary input for inclusion in this Annual Report.

Dr. Vivek Bains

Editor

Dr. R.S. Bedi,

Chief Editor



SARASWATI DENTAL COLLEGE

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