



**Saraswati Dental College and Hospital
Lucknow (U.P.)**

ANNUAL REPORT

April 2023 – March 2024

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 Aesculapius wound 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

Chief Editor	:	Dr. K.N. Dubey
Managing Editor	:	Dr. Vivek K Bains
Editor	:	Dr. Neeraj Kumar
Editorial Board	:	Dr. Abhishek Gaur Dr. Ruchi Srivastava Dr. Nidhi Sinha
Cover design & photographs	:	Dr. Vivek Bains
Student Members	:	Dr. Abhinoy Paul Ms. Aditi

WITHIN PUT FROM ALL HODS, FACULTY, STAFF AND STUDENTS

The information included in this document is the property of the Saraswati Dental College, Tiwariganj, Ayodhya Road, Lucknow and should not be reproduced or quoted in any manner without written authorization from the President, SDC.



Contents

	Page No.
Principal's Message	07
Audit Report	08-10
Honorary Guest Faculty International	11
National	12
Institutional Committees	13-33
The Administration	34
SECTION - I	
Research Output-Publication 2023-24	35-40
SECTION - II	
A. Departmental Achievements	
Conservative Dentistry & Endodontics	41-55
Oral & Maxillofacial Surgery	56-63
Oral Medicine & Radiology	64-72
Oral Pathology & Microbiology	73-81
Orthodontics & Dentofacial Orthopedics	82-92
Pedodontics & Preventive Dentistry	93-101
Periodontology	102-110
Prosthodontics and Crown & Bridge	111-123
Public Health Dentistry	124-133
B. Basic Sciences	
Anatomy	135-137
Biochemistry	138-139
General Pathology & Microbiology	140-142
Pharmacology	143-144
Physiology	145-146
SECTION - III	
CDEs, Conferences, Workshops, Lectures, Webinars Organized	147-150
Major Events Organized	151-154

College Toppers	155
Saraswati Houses	156
Revenue & Expenditure of Funds	157
Acknowledgement	158

PRINCIPAL'S MESSAGE



It is indeed a very proud moment for me to present the Annual Report of Saraswati Dental College & Hospital for the year 2023-2024. During the academic session a lot of effort has been put in by all stakeholders namely the faculty, students as well as non-teaching staff. Respective heads of the departments have taken keen interest in ensuring a smooth and well controlled conduct of academic curriculum as well as nonacademic activities. The students have been adequately encouraged to will fully participate in all the college and inter college competitions / activities and a very promising trend has been observed. I truly appreciate the hard work and ingenuity shown by everyone in recent times. They have worked tirelessly to develop and implement ways to support our organization and help sustain the academic progress.

THE ACHIEVEMENT OF AN ORGANIZATION ARE THE RESULTS OF THE COMBINED EFFORT OF EACH INDIVIDUAL

The college during this session invited many eminent speakers, professionals, and well qualified personalities in the dental field for enriching young minds with contemporary ideas in dentistry. The research endeavour of SDC has improved steadily with greater number of students and faculty involving themselves in research related activities as well as writing of articles in journals and various national and international publications. Many webinars, CDEs, Seminars, Conferences and workshops have been conducted and students & faculty alike have immensely benefited from the same. During the session the college has actively stepped ahead in NAAC Accreditation related activities as well as NIRF Ranking.

I wish all the heads of the department, faculty, and students the very best and hope that the Saraswati Dental College grows from strength to strength in the future.

Thank you

With Best Wishes

Dr. K.N. Dubey

Principal



SARASWATI DENTAL COLLEGE & HOSPITAL, Lucknow (U.P.)
(An Initiative of Internal Quality Cell/Committee)

ACADEMIC & ADMINISTRATIVE AUDIT (A.Y.: 2023-24)

1.	Name of the Institute	Saraswati Dental College & Hospital, Lucknow (U.P.)		
2.	Year of Establishment	1997-98		
3.	Year of Assessment	2023-24		
4.	Program Offered	U.G. Program		
		1.	Bachelors of Dental Surgery (BDS)	√
		P.G. Program		
		1.	M.D.S. (Conservative Dentistry & Endodontics)	√
		2.	M.D.S. (Oral Medicine & Radiology)	√
		3.	M.D.S. (Oral Pathology & Microbiology)	√
		4.	M.D.S. (Oral & Maxillofacial Surgery)	√
		5.	M.D.S. (Orthodontics & Dentofacial Orthopedics)	√
		6.	M.D.S. (Pediatric Dentistry)	√
		7.	M.D.S. (Periodontology)	√
		8.	M.D.S. (Prosthodontics and Crown & Bridge)	√
		9.	M.D.S. (Public Health Dentistry)	x
		Ph.D		
1.	Dental Sciences			
5.	Number of Students Admitted in Programs Offered	Programs		
		A.Y.: 2023-24		
		1.	B.D.S.	100
		2.	M.D.S. (Conservative Dentistry & Endodontics)	06
		3.	M.D.S. (Oral Medicine & Radiology)	03
		4.	M.D.S. (Oral Pathology & Microbiology)	02
		5.	M.D.S. (Oral & Maxillofacial Surgery)	05
		6.	M.D.S. (Orthodontics & Dentofacial Orthopedics)	06
		7.	M.D.S. (Pediatric Dentistry)	03
		8.	M.D.S. (Periodontology)	02
9.	M.D.S. (Prosthodontics and Crown & Bridge)	06		
6.	Number of Teachers	Category		
		A.Y.: 2023-24		
		1.	Permanent	54
		2.	Temporary	
		3.	Guest Faculty	
4.	Professor Emeritus	05		
7.	Total No. of Students Enrolled	U.G.: 440	P.G.: 94	Total: 534
8.	Teacher : Student Ratio	1 : 9		
9.	Number of PhDs Awarded During the Year	N.A.		
10.	Number of PhD Scholars Working at Present	N.A.		

11.	Other Programs Offered by the Institution	A.	Add-On Programs/ Certificate Programs			
		01.	Basic Life Support		√	
		02.	Tobacco Control And Cessation		√	
		03.	Medical Emergency In Dental Clinic		√	
		04.	Sleep Apnea		√	
		05.	Forensic Odontology		√	
		06.	Consumer Protection Act		√	
		B.	Value Added Programs			
		01.	Evidence Based Dentistry		√	
		02.	Research Methodology		√	
		03.	Biostatistics		√	
		04.	Ethics and Dental Jurisprudence		√	
		C.	Interdisciplinary Programs			
		01.	Implant Dentistry		√	
		02.	Clinico-Pathological Meet		√	
		03.	Micro Dentistry		√	
		04.	Laser Dentistry		√	
		05.	Smile Design		√	
		06.	Geriatric Dentistry		√	
		07.	Maxillofacial Prosthesis		√	
08.	Endo-Perio Rehabilitation		√			
09.	Pediatrics Maxillofacial Trauma		√			
10.	Orthognathic Surgery		√			
D.	Skill Development Course					
01.	Dental Chair Maintenance and Repair Training Program		√			
12.	Number of Supporting Staff	Male: 99	Female: 69	Total: 168		
13.	Total No. of Research Projects	Student Projects	Faculty Projects	Funded Projects	Grant Received	
		32	02	06	Rs103500/-	
14.	Infrastructure	Particulars			Numbers	Remark
		Smart Classrooms (ICT)			04	
		Video conferencing Room (ICT)			01	
		Seminar Room (ICT)			09	
		Tele Medicine/Conferencing Room (ICT)			01	
		Auditorium (ICT)			01	
		Central Library (ICT automated)			01	
		ICT Cell			01	
		Central Research Wing			01	
		Laboratories			23	
		Museum			14	
		Dental Clinics			15	
		Specialty Clinic			09	
		Mobile Dental Van			01	
Satellite Clinics			02			
Pharmacovigilance Centre			01			
15.	Number of books in Central Library	7086				
16.	Number of books added during the year	57				

17.	Library is automated	Yes: <input checked="" type="checkbox"/>	No:
18.	Availability of e-resource/content in the library	Yes: <input checked="" type="checkbox"/>	No:
19.	Availability of remote Assess	Yes: <input checked="" type="checkbox"/>	No:
20.	No. of computers available in ICT cell	120	
21.	Band Width (GBPS)	1 GBPS	
22.	Number of Awards/Recognition	Awards/ Recognition	
		25	
23.	Number of Publications in Indexed Journal During the Year	Scopus/ PubMed/ Web of Science/ UGC Care	
		16	
24.	Number of Books Published	13	
25.	Number of IPR filled and Published During the Year	11	
26.	Number of IPR Granted During the Year	03	
27.	Best practices followed by the Institution	1. Inculcating Moral & Ethical Values 2. Quality Patient Care & Welfare	
28.	Institutional Distinctiveness	New Work Schedule → Specified Work Schedule	

[Signature]
Member Secretary

IPSJC



[Signature]
Chairperson

IPSJC



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

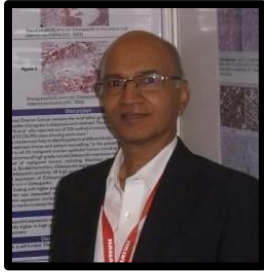
https://academic.uthsc.edu/faculty/facepage.php?netID=schauha1&personnel_id=309359



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



Professor Dr. P V Patil

Dean

Mayo Institute of Medical Sciences, Barabanki
Formerly, Principal, Medical College, Bijapur



**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 develop the process in pursuit with government policies from time to time.

Develop strategy to implement merit-based admission process ensuring transparency in admissions.

The IAC comprises of the following members:

Patron & Chief Advisor	:	Mrs. Madhu Mathur, Chairperson, SDC
Chairman	:	Prof. (Dr.) K. N. Dubey, Principal, SDC
Vice Chairman	:	Vice-Principal, SDC
Member Secretary	:	Mr. Kamlesh Mishra, Management Office,
SDC Member	:	Mr. Pramod Srivastava, Management Office, SDC
Member	:	Mr. Gaurav Dutta, Public Relation Officer, SDC
Member	:	Mrs. Kavita Bhatia, 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:

Patron & Chief Advisor	: Dr. Rajat Mathur, President, SDC
Chairman	: Dr. Alka Yadu, HOD, Department of Biochemistry, SDC
Ex-Officio Member	: Prof. (Dr.) K.N. Dubey, Principal, SDC
Vice Chairman	: Dr. Chetan Chandra, Professor, Department of Periodontology, SDC
Member Secretary	: Dr. Pratik Chandra, Reader, Department of Orthodontics & Dentofacial Orthopedics, SDC
Member	: Dr. Akanksha Dubey
Student Member	: Dr. Abhinoy paul, P.G. Student
Student Member	: Mr. Madhav Mishra, 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:

Patron & Chief Advisor	:	Mrs. Madhu Mathur, Chairperson, SDC
Chairman	:	Dr. Alka Yadu, Professor & Head, Dept. of Biochemistry, SDC
Ex-Officio Member	:	Prof. (Dr.) K. N. Dubey, Principal, SDC
Vice Chairman & Chief Provost	:	Dr. Saumya Navit, Professor & Head, Dept. of Pedodontics & Preventive Dentistry, SDC
Member Secretary & Provost	:	Dr. Ashutosh Gupta, Department of Prosthodontics, SDC
External Member	:	Mr. Anoop Kumar Singh, Assistant Police Commissioner, 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 Orthopedics, SDC
Executive Provost (Girls)	:	Dr. Shruti Sinha, Department of Oral Medicine& Radiology, SDC
Provost (Girls)	:	Dr. Anam Siddiqui, Department of PHD, SDC Alumni
Member	:	Dr. Pratik Chandra, Department of Orthodontics & Dentofacial Orthopedics, SDC
Member from Civil Society	:	To be nominated by DM, Lucknow
Parent Representative	:	Mr. Rahul Bihari
University Representative	:	Mr. Pramod Srivastava
Member	:	Dr. Tushar Mathur, P.G. Student
Member	:	Administrative Officer, SDC
Warden Boys Hostel	:	Mr. Sunil Parkar
Warden Girls Hostel	:	Mrs. Seema / Mrs. Sahar
Student Member	:	Dr. Abhinoy Paul, PG Student
Student Member	:	Mr. Kuhagra Bhatia, UG Student

Institutional Committee for Student Welfare & Extra-Curricular Activity (ICEA)

The primary objective of this Committee is to propose, organize 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 endeavor to arrange sponsorship for extra- curricular events, manage prize distribution and Media coverage during all events and submit there port on completion of ICEA related events.

The ICEA comprises of the following members:

Chief Patron	: Mrs. Madhu Mathur, Chairperson, SDC
Patron & Chief Advisor	: Mrs. Ritu Mathur, Director-HR, SDC
Chairman	: Dr. Alka Yadu, Vice Principal & Head, Department of Biochemistry, SDC
Ex-Officio Member	: Prof. (Dr.) K. N. Dubey, Principal, SDC
Vice Chairman I (Extra-Curricular):	Dr. S. A. Khan, Department of Pediatric & Preventive Dentistry, SDC
Vice Chairman II (Student Welfare):	Dr. Pratik Chandra, Department of Orthodontics & Dental Orthopedics, SDC
Member Secretary	: Dr. Ashish Chauhan, Department of Orthodontics & Dental Orthopedics, SDC
Member	: Dr. Abhishek Gaur, Department of Prosthodontics, SDC
Member	: Dr. Shweta Singh Chauhan, Department of Oral Pathology, SDC
Member	: Dr. Pallavi Singh, Department of Public Health Dentistry, SDC
Student Member	: Dr. Shifa Raza, P.G. Student Member
	: Miss Srishti Das, U.G. Student

Institutional Committee for Patient Welfare (ICPW)

The primary of indiscrimination among the students, organize special camps to check physical and mental 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 health of students, provide group immunization and group insurance of students, help on issues concerning utilization 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 ICPW comprises of the following members:

Patron & Chief Advisor	:	Mrs. Madhu Mathur, Chairperson, SDC
Chairman	:	Dr. Saumya Navit, Department of Pediatric & Preventive Dentistry, SDC
Vice Chairman	:	Dr. Pallavi Singh, Department of PHD, SDC
Member Secretary	:	Dr. Shamita Dubey, Department of Oral & Maxillofacial Surgery, SDC
Member	:	Dr. Sumit Mishra, Department of Prosthodontics, SDC
Member	:	Dr. Gaurav Jain, Department of Conservative Dentistry & Endodontics, SDC
Member	:	Dr. Anam Siddiqui, Department of PHD, SDC
Member	:	Dr. Payal Tripathi
Member	:	Patient Welfare Officer
Member	:	Administrative Officer, SDC
Member	:	Administrative Officer, SHRC
Student Member	:	Dr. Gaurav, P.G. Student
Student Member	:	Miss Kulsoom Fatima 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:

Patron & Chief Advisor	:	Mrs. Ritu Mathur, Director-HR, SDC
Chairman	:	Dr. Kamlesh Singh, Department of Orthodontics & Dentofacial Orthopedics, SDC
Vice Chairman	:	Dr. Jitender Kr. Aurora, Department of Oral & Maxillofacial Surgery, SDC
Ex-Officio Member	:	Prof. (Dr.) K. N. Dubey, Principal, SDC
Member Secretary	:	Dr. Seema Jabin
Member	:	Dr. Raju Chauhan, Department of Conservative Dentistry & Endodontics, SDC
Member	:	Administrative Officer, SDC
Student Member	:	Dr. Prajjwal, P.G. Student
Member	:	Mr. Surinder kaur, 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:

Patron & Chief Advisor	:	Dr. Charit Mathur, Director-Finance, SDC
Chairman	:	Dr. Pradyumna Misra, Department of Conservative Dentistry & Endodontics, SDC
Ex-Officio Member	:	Prof. (Dr.) K.N. Dubey, Principal, SDC
Member Secretary	:	Dr. S.A. Khan, Department of Pediatric & Preventive Dentistry, SDC
Member	:	Dr. Sunira Chandra, Department of Oral Medicine & Radiology, SDC
Member	:	Dr. Devendra Chopra, Department of Prosthodontics and Crown & Bridge
Member	:	Dr. Ipshita Potlia
Member	:	Dr. Ashish Chauhan, Department of Orthodontics & Dentofacial Orthopedics, SDC
Member	:	Dr. Shomaila Ahmad, Department of Oral Pathology, SDC



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:

Patron & Chief Advisor	:	Mrs. Smita Mathur, Director-SHRC
Chairman	:	Dr. Jitendra Aurora, Department of Oral & Maxillofacial Surgery, SDC
Ex-Officio Member	:	Prof. (Dr.) K. N. Dubey, Principal, SDC
Member Secretary	:	Dr. Ajay Paliwal, Department of Conservative Dentistry & Endodontics, SDC
Member	:	Dr. Gaurav Jain, Department of Conservative Dentistry & Endodontics, SDC
Member	:	Dr. Parul Tandon, Department of Oral & Maxillofacial Surgery, SDC
Infection control officer	:	Mrs. Shailja Srivastava, Department of Microbiology, SDC
Student Member	:	Dr. Swadhinta Raj, P.G. Student
Member	:	Miss Aditi Chaurasia, 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 optimized 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, analyze 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:

Patron	:	Dr. Rajat Mathur, President, SDC
Chief Advisor	:	Principal, SDC&H
Ex-Officio Member	:	Prof. (Dr.) K.N. Dubey, Principal, SDC
Chairman	:	Dr. Saumya Navit, Department of Pedodontics & Preventive Dentistry, SDC
Vice Chairman	:	Dr. Pradyumna Misra
Member Secretary	:	Dr. Ruchi Srivastava, Reader, Department of Periodontology
Member	:	Dr. Alka Yadu, Department of Biochemistry, SDC
Member	:	Dr. Kunal Sah, Department of Oral Pathology, SDC
Member	:	Dr. Abhishek Gaur, Department of Prosthodontics, SDC
Member	:	Dr. Devendra Chopra, Department of Prosthodontics, SDC
Member	:	Dr. Preeti Shukla, Department of Conservative Dentistry & Endodontics, SDC
Member	:	Dr. Deepali Pandey, P.G Member
Member	:	Ms. Amisha Singh, U.G. Member



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 analyzing 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	:	Prof. (Dr.) K.N. Dubey, Principal, SDC
Member Secretary	:	Finance Officer, SDC
Member	:	Dr. Rajat Mathur, President, SDC
Member	:	Mrs. Smita Mathur, Director, SHRC
Member	:	Vice Principal, SDC
Member	:	Administrative Officer, SHRC



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, color, 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 where in 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:

Patron & Chief Advisor	:	Dr. Rajat Mathur, President, SDC
Chairman	:	Dr. Kamlesh Singh, Department of Orthodontics & Dentofacial Orthopedics, SDC
Ex-Officio Member	:	Prof.(Dr.) K. N. Dubey, Principal, SDC
Vice Chairman	:	Dr. A K Srivastava, Department of Anatomy, SDC Member
Secretary	:	Dr. Meenakshi Upadhyay, Department of Pediatric & Preventive Dentistry, SDC
Co-opted Member	:	Concerned mentor of student
Member	:	Dr. Himanshu Chauhan, Department of Oral & Maxillofacial Surgery, SDC
Student Member	:	Dr. Abhinoy Paul, P.G. Student Member
	:	Mrs. Aditi Chaurasia, U.G. Student



Institutional Hostel Committee (IHC)

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 recommendation 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 IHC comprises of the following members:

Patron & Chief Advisor	:	Mrs. Madhu Mathur, Chairperson, SDC
Chairman & Chief Provost (Girls)	:	Dr. Alka Yadu, Department of Biochemistry, SDC
Vice Chairman & Chief Provost (Boys)	:	Dr. Saumya Navit, Department of Pedodontics & Preventive Dentistry, SDC
Ex-Officio Member	:	Prof.(Dr.) K. N. Dubey, Principal, SDC
Member & Executive Provost (Girls)	:	Dr. Shruti Sinha, Department of Oral Medicine & Radiology, SDC
Member Secretary	:	Dr. Ruchi Paharia, Department of Conservative Dentistry & Endodontics, SDC
Member & Provost (Girls)	:	Dr. Anam Siddiqui, Department of PHD, SDC
Member & Provost (Boys)	:	Dr. Ashish Chauhan, Department of Orthodontics & Dentofacial Orthopedics, SDC
Member	:	Administrative Officer, SDC
Member	:	Mr. Sunil Parkar, Warden Boys Hostel
Member	:	Mrs. Seema, Warden Girl's Hostel
Member	:	Dr. Heena Bharti, P.G. Member
Member	:	Dr. Kushagra Bhatia, U.G. Member



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:

Chairman	:	Dr. B P Mathur, Principal, Saraswati Medical College Member
Secretary	:	Dr. Vivek K. Bains, Department of Periodontology, SDC
External Member	:	Dr. R M Mathur
Scientific Member	:	Dr. Supratim Tripathi, Department of Conservative Dentistry and Endodontics
External Member	:	Mr. Vijay Acharya, Advocate, Lucknow
External Member	:	Mrs. Kusumangini Mathur, Housewife, Socially Aware Person
External Member	:	Dr. Satya Gupta
External Member	:	Mr. Pankaj Agarwal Basic Medical Scientist
	:	Dr. Gautam Palit Member
	:	Mr. Pramod Srivastava
Member	:	Dr. Prashali Gupta P.G. Member
Member	:	Mr. Madhav Mihra U.G. Member



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:

Patron & Chief Advisor	:	Mrs. Ritu Mathur, Director-HR, SDC
Chairman	:	Dr. Kunal Sah, Department of Oral Pathology & Microbiology, SDC
Vice Chairman	:	Col (Dr.) Anil Jha, Department of Periodontics, SDC
Ex-Officio Member	:	Prof. (Dr.) K.N. Dubey, Principal, SDC
Member Secretary	:	Dr. Sumit Mishra, Department of Prosthodontics, SDC
Member	:	Dr. Pratik Chandra, Department of Orthodontics & Dentofacial Orthopedics, SDC
Member	:	Librarian
Student Member	:	Dr. Sushmita Verma, P.G. Student
Student Member	:	Miss Kulsoom Fatima, 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 specialized training to students and faculty members.

The IPGC comprises of the following members:

Patron & Chief Advisor	:	Mrs. Ritu Mathur, Director-HR, SDC
Chairman	:	Dr. Pradyumna Misra, Department of Conservative Dentistry & Endodontics, SDC
Vice Chairman	:	Dr. Kamlesh Singh, Department of Orthodontics & Dentofacial Orthopedics, SDC
Ex-Officio Member	:	Prof.(Dr.) K. N. Dubey, Principal, SDC
Member Secretary	:	Dr. Devendra Chopra, Department of Prosthodontics, SDC
Member	:	Dr. Pallavi Singh, Incharge–SDC SPARK Incubation Cell
Member	:	Dr. Seema Jabeen, Department of Pediatric & Preventive Dentistry, SDC
Student Member	:	Dr. Abhinoy Paul P.G. Student
Student Member	:	Mr. Anuran Dey, 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:

Patron & Chief Advisor	:	Dr. Rajat Mathur, President, SDC
Chairman	:	Dr. Saumya Navit, Department of Pediatric & Preventive Dentistry, SDC
Ex-Officio Member	:	Prof. (Dr.)K.N. Dubey, Principal, SDC
Member Secretary	:	Dr. Chetan Chandra, Department of Periodontology, SDC
Member	:	Dr. Sumit Mishra, Department of Prosthodontics, SDC
Member	:	Dr. Rashi Chaturvedi
Member	:	Administrative Officer, SHRC
Member	:	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 organizing 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:

Patron & Chief Advisor	:	Mrs. Madhu Mathur, Chairperson, SDC
Chairman	:	Dr. Rajat Mathur, President, SDC
Ex-Officio Member	:	Prof.(Dr.) K. N. Dubey, Principal, SDC
Vice Chairman	:	Dr. Vivek Bains, Department of Periodontology, SDC
Member Secretary	:	Dr. Supratim Tripathi, Department of Conservative Dentistry and Endodontics, SDC
Member	:	Dr. Sunira Chandra, Department of Oral Medicine & Radiology, SDC
Member	:	Dr. Sunakshi Soi , Department of Periodontology, SDC
Member	:	Dr. Priyanshi Mathur P.G. Member
Member	:	Miss. Aditi Chaurasia U.G. Member



Internal Quality Assurance Committee (IQAC)

Patron & Chief Advisor	:	Dr. Rajat Mathur, President, SDC
Chairperson	:	Prof. (Dr.) K. N. Dubey, 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. Alka Yadu, Department of Biochemistry, SDC
Member	:	Dr. Ragini Tandon, Department of Orthodontics & Dentofacial Orthopaedics, SDC
Member	:	Dr. Pradyumna Misra, Department of Conservative Dentistry & Endodontics, SDC
Member	:	Dr. Saumya Navit, Department of Pediatric & Preventive Dentistry, SDC
Member	:	Dr. Vivek Bains, Department of Periodontology, SDC
Member	:	Dr. Sunira Chandra, Department of Oral Medicine & Radiology, SDC
Member	:	Dr. Pallavi Singh, Department of Public Health Dentistry, SDC
Alumni Member	:	Dr. Devendra Chopra, Department of Prosthodontics, SDC
Alumni Member	:	Dr. Shamita Dubey, Department of Oral & Maxillofacial Surgery, SDC
Member	:	Administrative officer, SDC
Member	:	Mr. Mukul Gupta
Student Member	:	Dr. Abhinoy Paul, P. G. Student
Student Member	:	Mr. Kushagra ,UG Student



Institutional Publicity Committee (IPC)

Patron & Chief Advisor	:	Mrs. Ritu Mathur, Director-HR, SDC
Chairman	:	Cdr. Sumit Ghosh
Advisor	:	Mr. Mukul Gupta
Member Secretary	:	Dr. Pallavi Singh, Department of Public Health Dentistry SDC
Member	:	Dr. Meenakshi Upadhyay, Department of Pediatric & Preventive Dentistry, SDC
Member	:	Dr. Ashish Chauhan, Department of Orthodontics & Dentofacial Orthopedics, SDC
Student Member	:	Dr. Meghna Chauhan, PG Student
Student Member	:	Mr. Nidhi Mishra, UG Student



Institutional Publication & Scientific Journal Committee (IPSJC)

Patron & Chief Advisor	:	Dr. Rajat Mathur, President, SDC
Chairman	:	Dr. Vivek Bains, Department of Periodontology, SDC
Vice Chairman	:	Dr. Supratim Tripathi, Department of Conservative Dentistry & Endodontics, SDC
Member Secretary	:	Dr. Abhishek Gaur, Department of Prosthodontics and Crown & Bridge, SDC
Member	:	Dr. Nidhi Sinha, Department of Oral Pathology & Microbiology, SDC
Member	:	Dr. Ruchi Srivastava, Department of Periodontology, SDC
Member	:	Dr. Ipshita Potlia, Department of Public Health Dentistry, SDC
Member	:	Dr. Akanksha Dubey
Student Member	:	Dr. Deepali, PG Student
Student Member	:	Miss Aditi, UG Student



The Administration

1.	Total Sanctioned Strength of Non-Teaching Staff	168
2.	Total Number of Non-Teaching Staff	168
3.	Total Number of Male Non-Teaching Staff	99
4.	Total Number of Female Non-Teaching Staff	69
5.	Total Number of Transgender Non-Teaching Staff	00

.....



Section I Research Output

SARASWATI DENTAL COLLEGE AND HOSPITAL, LUCKNOW

**(An initiative of Internal Quality Assurance Cell and Institutional Publication and Scientific
Journal Committee)**



PUBLICATIONS

(Jan - Dec 2023)

PREFACE

This volume contains manuscripts published by the faculty and students of Saraswati Dental College and Hospital, Lucknow during the period January 2023 to December 2023.

These publications include original research articles, review articles, case reports, letters to the editor etc. Publications have been arranged year-wise and in alphabetical order.

While every effort has been made to include all relevant publications, no claims are being made to this volume being comprehensive. Authors of publications and Editors of the Journals who provided necessary input for preparation of this volume deserve special credit for successful compilation of this volume.

Member Secretary



Chairperson



Date: 23rd January 2024

- 1) Ali a et al, Comparative evaluation of compressive and diametral tensile strength in die stone reinforced with different types of nano particles: An in-vitro study. *Cureus*, 2023,15(6):1-10
- 2) Aurora J.K. et.al. Role of Saliva and Plasma Melatonin level in Oral Squamous Cell Carcinoma: *Asian Journal Of Oral Health and Allied Sciences* 2023; 13(10). 1-5
- 3) Bains V.K. et.al. Technical Consideration in obtaining Platelet rich fibrin for clinical and periodontal research: *Journal of Oral Biology and Craniofacial Research* 2023; 13. 714-719 (PubMed-37731846).
- 4) Bains. VK et al. Quantitative association of platelet rich fibrin (PRF) and hyperacute serum (HAS) with glycemic control (HBA1c) in chronic periodontitis patients: An ex vivo study. *Journal of pharmacy and bio-allied sciences*, 2023,15(1). S601-S607. (PubMed- 37654372)
- 5) Behera S. et al. Management of ectopically placed and impacted canine based on their position: A case series. *Asian journal of oral health and allied sciences*, 2023,13(1),1-5.
- 6) Bhagwatkar D. et.al. Unleashing the potential: Smart Dental material as game changer in antimicrobial dentistry: *International Journal of Dental Sciences and Innovative Research* 2023; 6(4). 13-19
- 7) Chandra C. et.al. Inflammatory Impact on tissues surrounding the dental implant of Singular abutments bonded onto Titanium base: A Randomised Controlled Trial: *Journal of Pharmacy and Bioallied Sciences* 2023; 15:S477-80. (PubMed- 36532318).
- 8) Chauhan H. et.al. Patient Specific Implant: Scope for the future: *ACTA Scientific Otolaryngology* 2023; 5(6). 1-2
- 9) Grag M et al. Application of Platelet- rich fibrin and freeze-dried bone allograft following apicoectomy : A comparative assessment of radiographic healing. *Indian journal of dental research*, 2023, 34(01) 40-44.
- 10) Grover N, Khan DUZ, Bhagchandani J, et al. A Cephalometric Study of Sella Turcica: Correlation of its Size with Different Skeletal Malocclusions. *Int J Clin Pediatr Dent* 2023; 16(3):229-232
- 11) Gupta A. et al. Pediatric sleep apnoea: Ticking time bomb, ensure diffusion before explosion. *Eur. Chem Bull.*2023,12(4)17318-17333.
- 12) Keerikkadu A. et al. Green dentistry for a sustainable future of dentistry. *World journal of pharmacy and pharmaceutical sciences*, 2023,12(4), doi-10.20959/wjpps20234-24437.

- 13) Khan M et al. Comparative evaluation of effectiveness of Nisin, Amoxicillin / Clavulanic acid(Augmentin) and Chlorhexidine on E. Faecalis as an Intracanal irrigant: An in vitro study. *Journal of Pharmacy and bio allied sciences*, 2023, 15(2), S1317- S1320.
- 14) Khanvilkar U et al. Comparison of apical sealing capacity of Acti V GP/ Glass ionomer sealer vs Resilon/ Real Seal and Gutta Parcha/ AH plus Sealers. *Cureus* 2023,15(12)1-7 (PubMed- 38179360).
- 15) Kohli S. et al. Periodontal vaccines: Where are we now and where we can go. *Asian Journal of oral health and allied sciences*.13(4),1-5.
- 16) Mukhtar S. et.al. Evaluation of low-level laser therapy and Platelet rich fibrin on donor site healing after vascularized inter positional periosteal connective tissue flap: A Randomised Clinical Study: *Laser in Medical Sciences* 2023: 38(1) 68 (PubMed- 36752882).
- 17) Mulla A et al, A quantitative assessment to compare the dimensions of the alveolar ridge width using different techniques for implant placement. *Cureus*, 2023,15(10):doi-10.7759/cureus.46611.
- 18) Pathak P. et.al. Circumin: From a molecular structure to a photosensitizer: *Indian Journal of Applied Sciences* 2023: 13(10).1-4
- 19) Purohit D et al. Role of vehicles on anti-microbial efficacy of calcium hydroxide. *Asian journal of oral health and allied sciences*,2023,13(9)1-7.
- 20) Rai S. et.al. Application and availability of indigenous, commercially available medicines in periodontology: *Asian Journal of Oral Health and Allied Sciences* 2023: 13(3). 1-8
- 21) Shah K., Chandra S. Embalming with Honey: Quest for an ecofriendly and non-toxic museum: *Journal of Maxillofacial Pathology* 2023; 27:533-536 (PubMed- 38033931)
- 22) Sharma P. et.al. A Comparative Analysis between intra articular injection of Injection of Platelet Rich Fibrin vs. Platelet Rich Plasma in the Management of Temporomandibular Disorder: A Randomised Control Trial: *National Journal of Maxillofacial Surgery* 2023; 14. 249-55 (PubMed- 37661973).
- 23) Singh A.et.al. Injectable platelet rich fibrin for the management of thin gingival biotype: A Review: *Indian Journal Of applied Sciences* 2023: 13(10). 1-3
- 24) Singh P et al. Comparative assessment of oral mucosal lesions and periodontal status among tobacco users and non users visiting in college and hospital of Lucknow city (UP). *Acta biomed*, 2023, 94(3) 1-5.

- 25) Singh P et al. Knowledge, attitude and practice of infection control among dental students of Lucknow city: Journal of clinical otorhinolaryngology, head and neck surgery 2023,27(1)1798-1804.
- 26) Singh P et al. Perception of dental professionals and students regarding dental outreach programs in Lucknow city. Journal of population therapeutics and clinical pharmacology. 2023, 30(17)401-407.
- 27) Singh S. et.al. Mucormycosis: Complication or negligence: University Journal of Dental Sciences 2023; 9(4).77-81
- 28) Singh S. et.al. Psychological impact of Covid-19 on dental students' – An interventional study: Journal of Pharmacy and Bioallied Sciences 2023;
- 29) Singh S.K et.al. A Pen sketch for Oral Pemphigus Vulgaris : A Review : Journal of Oral Medicine , Oral Surgery, Oral Pathology and Oral Radiology 2023;9(1).3-5
- 30) Srivastava B. et.al. Artificial Intelligence in Dentistry : It's Application, Impact and challenges : Asian Journal Of Oral Health and Allied Sciences 2023; 13(7).1-5
- 31) Srivastava R et al. Interdisciplinary management of horizontal root fracture in middle third with osseous bone defect- A clinical report. International journal of periodontology and implantology, 2023;8(4):222-224.
- 32) Srivastava R et al. Smart materials in dentistry. Indian journal of conservative and endodontics: 2023,8(4):193-197.
- 33) Srivastava R, Gautam A. Rare presentation of Localized gingival overgrowth with osseous defect- A case report: Indian Journal of Health Sciences and Biomedical Research KLEU 2023: 16:159-62
- 34) Yadav S. et.al. Patient reported outcome of palatal donor site after harvesting connective tissue graft with or without platelet rich fibrin: A Prospective Clinical Study: Journal of Advanced Oral Research 2023: 1-12
- 35) Yadav S. et al. The Morphometrical variation of adult's Human face in Nepal. International journal of clinical science and medical research, 2023,03 (03) 58-62.



Section II

Departmental Achievements

A. Dental Sciences

Department of Conservative Dentistry & Endodontics**Faculties****Professors**

Prof. (Dr.) Pradyumna Misra, Head of Department & Vice Principal
Prof. (Dr.) Raju Chauhan
Prof. (Dr.) Neeraj Kumar
Prof. (Dr.) Smita Govila
Prof. (Dr.) Supratim Tripathi

**Readers**

Dr. Ajay Paliwal
Dr. Gaurav Jain
Dr. Tripti Shahi Gaur
Dr. Preeti Shukla

Senior Lecturers

Dr. Nitin Jhunjunwala
Dr. Ruchi Paharia
Dr. Radhika Rastogi
Dr. Rabab Khan
Dr. Hardeep Kaur
Dr. Sarvesh Jaiswal

Tutors

Dr. Satakshi Anand
Dr. Neelam Raj

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

- Smile Design
- Micro Endodontics
- Herbals in Endodontics

Ongoing research projects

A. Faculty

B. Dissertation of M.D.S. students

A. Ongoing

- **Dr. Anupriya Sinha**
Clinical quantitative evaluation of the effect of herbal extract of garlic & Lemon Against Standard Available Root Canal Irrigant (Sodium Hypochlorite & Chlorhexidine) – An in-vivo study.
Supervisor: Dr. Neeraj Kumar
Co-Supervisor: Dr. Ajay Paliwal, Dr. Raju Chauhan
- **Dr. Piyush Varsha**
Paralleling Evaluation of Anti-Pathogenic Potency of Plant-Based Extracts As An Intracanal Medicament Against E. Faecalis – A Laboratory Study
Supervisor: Dr. Ajay Paliwal
Co-Supervisor: Dr. Pradyumna Misra, Dr. Neeraj Kumar
- **Dr. Shweta Raj**
Comparative Evaluation of Smear Layer Removal Capability of Two Different Chitosan Salts With Traditionally Used Organic Acids As Final Irrigant, With and Without Ultrasonic Activation Using Sem: An in-vitro study.
Supervisor: Dr. Pradyumna Misra

Co-Supervisor: Dr. Neeraj Kumar, Dr. Preeti Shukla

- **Dr. Mihir Anand Jha**
Comparative evaluation of changes in diametral tensile strength and compressive strength of aesthetic restorative materials after exposure to different commonly consumed beverages and energy drinks: An in- vitro study.
Supervisor: Dr. Pradyumna Misra
Co-Supervisor: Dr. Raju Chauhan, Dr. Gaurav Jain
- **Dr. Monica Yadav**
A Correlative Assessment for the effect of Three different Antioxidants on Dentinal Tubular Penetration and Push Out Bond Strength of Endodontic Sealer in Sodium Hypochlorite treated Root canal dentin- An in vitro study.
Supervisor: Dr. Raju Chauhan
Co-Supervisor: Dr. Gaurav Jain, Dr. Pradyumna Misra
- **Dr. Divyanu Sinha**
Comparative Evaluation of Gutta Percha dissolving potency of different Natural Essential Oils and estimating their Anti-Microbial Efficacy: An in-vitro study.
Supervisor: Dr. Gaurav Jain
Co-Supervisor: Dr. Preeti Shukla, Dr. Pradyumna Misra
- **Dr. Supriya Sujit Ojha**
Comparative Assessment of Antimicrobial Efficiency And Post Operative Pain On The Use Of Contemporary And Novel Materials
Supervisor: Dr Pradyumna Misra
Co-supervisors: Dr. Gaurav Jain, Dr. Preeti Shukla
- **Dr. Rajat Pandey**
Comparative evaluation of post operative sensitivity in class 1 composite restoration with different herbal etchant and incremental techniques
Supervisor: Dr Pradyumna Misra
Co-supervisors- Dr. Ajay Paliwal, Dr. Supratim Tripathi
- **Dr. Sreyashi Dhar Chowdhury**
Detection of middle mesial canal in mandibular molars using various techniques: A comparative evaluation.
Supervisor: Dr. Ajay Paliwal
Co-Supervisor: Dr. Raju Chauhan, Dr. Supratim Tripathi
- **Dr. Aikyam Dey**
Comparative evaluation of antimicrobial efficacy of O₂ Nanobubble, O₃ Nanobubble, Morinda Citrifolia & their effect on periapical healing when used as final irrigants.
Supervisor: Dr. Raju Chauhan
Co-supervisor: Dr. Supratim Tripathi, Dr. Tripti Shahi Gaur

- **Dr. Swadhinta Raj**
Cytotoxicity evaluation of selected endodontic antimicrobial agents on cultured fibroblast cells: A comparative study.
Supervisor: Dr. Gaurav Jain
Co-Supervisor: Dr. Preeti Shukla, Dr. Pradyumna Misra
- **Dr. Vyshnavi K**
'Esthetic vs synesthetic' a comparative evaluation of psychological satisfaction of individuals post smile makeover.
Supervisor: Dr. Supratim Tripathi
Co-Supervisor: Dr. Tripti Shahi Gaur, Dr. Raju Chauhan.

Dissertation Submitted

- **Dr. Kriti Singh**
Evaluation of Antimicrobial Efficacy of various sealers against Endodontic Microbiota using Confocal microscopy: An invitro study
Supervisor: Dr. Pradyumna Misra
Co-Supervisors: Dr. Raju Chauhan, Dr Gaurav Jain
- **Dr. Divya Singh**
Comparative Evaluation of Antimicrobial efficacy of contemporary and novel intracanal medicaments against Enterococcus faecalis - An invitro study
Supervisor: Dr. Gaurav Jain
Co-Supervisors: Dr. Pradyumna Misra, Dr Preeti Shukla
- **Dr. Sonali Verma**
Comparative evaluation of shear bond strength and compressive strength of restorative composite resin materials by using different layering techniques:An in vitro study.
Supervisor: Dr. Pradyumna Misra
Co-Supervisors: Dr. Preeti Shukla, Dr. Ajay Paliwal
- **Dr. Shronika**
Assessment of effect of Nanobubble Water on dentinal penetration and antimicrobial efficacy of intracanal medicaments with backdrop of regenerative endodontics: An in-vitro study.
Supervisor: Dr. Raju Chauhan
Co-Supervisors: Dr. Gaurav Jain, Dr. Pradyumna Misra
- **Dr. Megna Chauhan**
Assessment of fracture resistance and failure modes of various aesthetic intracanal post systems luted with different post systems - An in-vitro study.
Supervisor: Dr. Ajay Paliwal
Co-Supervisors: Dr. Raju Chauhan, Dr. Preeti Shukla
- **Dr. Dikshya Purohit**

Comparative evaluation of the effect of Phytic Acid, EDTA, Chitosan on sealer penetration and apical microleakage of resin based and bioceramic sealers - an in-vitro study.

Supervisor- Dr. Supratim Tripathi

Co-Supervisors: Dr. Raju Chauhan, Dr. Ajay Paliwal

B. M.D.S. Degree awarded

- **Dr. Shatakshi Rastogi**

Comparative evaluation of herbal extracts; Articum lappa and Horsegram with 2% chlorhexidine as an Antimicrobial Endodontic Irrigant against Enterococcus faecalis - An in- vitro study.

Supervisor: Dr. Praveen S Samant

Co-supervisor: Dr. Gaurav Jain

- **Dr. Soni Pandey**

Comparative evaluation of Antimicrobial efficiency of different intracanal medicament against Enterococcus faecalis-An in-vitro study.

Supervisor: Dr. Raju Chauhan

Co-supervisors: Dr. Gaurav Jain, Dr. Ajay Paliwal

- **Dr. Srinjal Suman**

Comparative evaluation of Sealing ability and Antimicrobial Efficacy of three Bioceramic based Retrograde Filling Materials used with and without Silver Nano Particles - An in-vitro study.

Supervisor: Dr. Raju Chauhan

Co-supervisor: Dr. Nitin Jhunhunwala.

- **Dr. Supurna Franklin**

Evaluation of Antigermicidal Efficacy of Various Restorative Materials - An in-vitro study.

Supervisor: Dr. Ajay Paliwal

Co-supervisors: Dr. Raju Chauhan, Dr. Preeti Shukla

- **Dr. Anupama K**

Comparative evaluation of removal of root canal smear layer using different root canal irrigants – An in-vitro study.

Supervisor: Dr. Vipul Srivastava

Co-supervisor: Dr. Ajay Paliwal

Membership of Scientific Societies, Committees etc.

<u>Name</u>	<u>Membership details</u>
Dr. Pradyumna Misra	Life Member, Indian Association of Conservative Dentistry & Endodontics Indian Dental Association Life Member of Federation of Operative Dentistry Life Member of Indian Endodontic Society Life Member Indian Implantology Society Member Academy of LASER Dentistry, USA
Dr. Raju Chauhan	Life Member, Indian Association of Conservative Dentistry & Endodontics
Dr. Supratim Tripathi	Presently working as an “Elected State Council Member of Dental Student Welfare Association of India” Uttar Pradesh. Life member of LACE (Lucknow Academy of Conservative Dentists and Endodontics), Life membership IACDE
Dr. Neeraj Kumar	Life Member, Indian Association of Conservative Dentistry & Endodontics
Dr. Smita Govila	Life Member, Indian Association of Conservative Dentistry & Endodontics
Dr. Ajay Paliwal	Life Member, Indian Association of Conservative Dentistry & Endodontics, Life Member of Indian Endodontic Society, Member Indian Dental Association, Life Member of Red Cross Society.
Dr. Gaurav Jain	Life Member, Indian Association of Conservative Dentistry & Endodontics Member Editorial Board - ‘Dentistry: Advanced Research’ Journal, Gavin Publishers, USA. (ISSN: 2574-7347) Member Reviewer Board – ‘European Journal of Dentistry’, a PubMed Indexed Journal (ISSN: 1305-7456)

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', a PubMed Indexed Journal of Indian Society for Dental Research, division of the International Association for Dental Research (IADR), USA. (ISSN: 0970-9290)

Member Editorial & Reviewer Board - 'Indian Journal of Conservative And Endodontics', Innovative Publications Pvt. Ltd., India. (ISSN: 2456-8953)

Has been the Chairperson of Scientific sessions in various National Conferences.

Dr. Preeti Shukla

Life Member, Indian Association of Conservative Dentistry & Endodontics
Member, LACE (Lucknow Academy of Conservative Dentists and Endodontics)

Dr. Tripti Shahi Gaur

Life Member, Indian Association of Conservative Dentistry & Endodontics

Dr. Nitin Jhunjhunwala

Life Member, Indian Association of Conservative Dentistry & Endodontics

Dr. Ruchi Paharia

Life Member, Indian Association of Conservative Dentistry & Endodontics

Dr. Radhika Rastogi

Life Member, Indian Association of Conservative Dentistry & Endodontics

Dr. Rabab Khan

Life Member, Indian Association of Conservative Dentistry & Endodontics

Dr. Hardeep Kaur

Life Member, Indian Association of Conservative Dentistry & Endodontics

Dr. Sarvesh Jaiswal

Life Member, Indian Association of Conservative Dentistry & Endodontics

Details of outstanding participation by faculty:

April 3, 2023	<p>Dr. Gaurav Jain Participated in webinar sessions taken by Dr. Manu Modi & Dr. Kuber Sood on ‘Clinical Tips in Full Mouth Rehabilitation Advances in Irrigation and Obturation’ organized by Abbott.</p>
May 15, 2023	<p>Dr. Gaurav Jain Participated in webinar sessions taken by Dr. Himadri Chakrabarty & Dr. Udey Vir Gandhi on ‘Trauma from occlusion ethical dental practice...save our ship’ organized by Abbott.</p>
Sept 8, 2023	<p>Dr. Pradyumna Misra Dr. Gaurav Jain Awarded for attending Faculty Development Program on “Leadership” organized by the Internal Quality Assurance Cell (IQAC) Saraswati Dental College and Hospital, Lucknow</p>
Sept 15, 2023	<p>Dr. Pradyumna Misra Guest Speaker at a lecture organized by Acecloplus company on ‘Dental Inflammation needs – Dramatic Control’ at Lucknow, 2023</p>
Sept 29, 202	<p>Dr. Gaurav Jain Attended Faculty Development Program on Stress Management organized by IQAC, SDC&H</p>
Nov 3, 2023	<p>Dr. Supratim Tripathi Guest Speaker at a CDE program on “Looking closer into World of Micro endodontics” at Saraswati Dental College, Lucknow 2023</p>
Dec 18-26, 2023	<p>Dr. Gaurav Jain Participation in 7 days Faculty Development Programme on ‘Current Trends in Forensic Science Education & Career Goals’ organized by Amity Institute of Forensic Sciences, Amity University, Noida</p>
March 28, 2024	<p>Dr. Gaurav Jain Dr. Preeti Shukla Participated in webinar sessions taken by Dr. Swati Nehete, Dr. Sushrut Prabhudesai, Dr. Shilpa Shetty, Dr. H. Murali Rao, organized by Abbott.</p> <p>Dr. Pradyumna Misra</p>

March 30, 2024	Guest Speaker in Endo Alumni Connect Lecture Series on 'Instrument Retrieval: An Endodontics Enigma' webinar organized by Dept. of Conservative Dentistry & Endodontics, KGMU, Lucknow.
----------------	--

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

Attended

DATE	DETAILS OF PROGRAMS ATTENDED	NAME OF FACULTY
Sept 2023	Online certification on Basic Course in Biomedical Research by National Medical Commission (NMC)	Dr. Raju Chauhan
Nov 3, 2023	CDE program on "Looking closer into World of Micro endodontics" at Saraswati Dental College, Lucknow 2023	Dr. Pradyumna Misra Dr. Supratim Tripathi Dr. Ajay Paliwal Dr. Gaurav Jain Dr. Tripti Shahi Gaur Dr. Preeti Shukla Dr. Ruchi Paharia
Jan 12, 2024	Endo workshop on Rotary endodontic files organized by Mani company.	Dr. Supratim Tripathi
Feb 7, 2024	Ongoing training program on Masters in Health Professional Medical Education 2023 from KGMU, Lucknow	Dr. Ruchi Paharia
March 10, 2024	Endo Workshop on 'Lets Change Endodontics: A journey from misconception to mastery' by Dr. Agam Bhatnagar (MDS) at Golden Blossom Resort, Faizabad road, Lucknow.	Dr. Pradyumna Misra Dr. Supratim Tripathi

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

DATE	DETAILS OF PROGRAMS ATTENDED	NAME OF STUDENT
Nov 3, 2023	CDE program on “Looking closer into World of Microendodontics” at Saraswati Dental College, Lucknow 2023	Dr. Sonali Verma Dr. Divya Singh Dr. Kriti Singh Dr. Dikshya Purohit Dr. Shronika Dr. Megna Chauhan Dr. Anupriya Sinha Dr. Divyanu Dr. Piyush Varsha Dr. Mihir Anand Dr. Shweta Raj Dr. Monica Yadav Dr. Supriya Ojha Dr. Rajat Pandey Dr. Sreyashi Dhar Chowdhury Dr. Aikyam Dey Dr. Swadhinta Raj Dr. Vyshnavi K
Dec 18, 2023	CDE Program at ITS Dental College Ghaziabad on ‘Taming the Leo- Lesion of Endodontic Origin’, 2023	Dr. Sonali Verma Dr. Shronika
Jan 12, 2024	Endo workshop on Rotary endodontic files organized by Mani company.	Dr. Sonali Verma Dr. Divya Singh Dr. Kriti Singh Dr. Dikshya Purohit Dr. Shronika Dr. Megna Chauhan Dr. Anupriya Sinha Dr. Divyanu Dr. Piyush Varsha Dr. Mihir Anand Dr. Shweta Raj Dr. Monica Yadav

		<p>Dr. Supriya Ojha Dr. Rajat Pandey Dr. Sreyashi Dhar Chowdhury Dr. Aikyam Dey Dr. Swadhinta Raj Dr. Vyshnavi K</p>
<p>March 5, 2024</p>	<p>Comprehensive workshop on Facial Aesthetics on the occasion of Cons-Endo week at BBDCODS, BBD University, Lucknow in collaboration with IACDE</p>	<p>Dr. Anupriya Sinha Dr. Shweta Raj</p>
<p>March 10,2024</p>	<p>Endo Workshop on ‘Lets Change Endodontics: A journey from misconception to mastery’ by Dr. Agam Bhatnagar (MDS) at Golden Blossom Resort, Faizabaad road, Lucknow.</p>	<p>Dr. Sonali Verma Dr. Divya Singh Dr. Kriti Singh Dr. Dikshya Purohit Dr. Shronika Dr. Megna Chauhan Dr. Mihir Anand Dr. Shweta Raj Dr. Monica Yadav Dr. Divyanu</p>
<p>March 30, 2024</p>	<p>Endo Alumni Connect Lecture Series on ‘Instrument Retrieval: An Endodontics Enigma’ webinar organised by KGMU, Lucknow</p>	<p>Dr. Sonali Verma Dr. Divya Singh Dr. Kriti Singh Dr. Dikshya Purohit Dr. Shronika Dr. Megna Chauhan Dr. Anupriya Sinha Dr. Divyanu Dr. Piyush Varsha Dr. Mihir Anand Dr. Shweta Raj Dr. Monica Yadav Dr. Supriya Ojha Dr. Rajat Pandey</p>

		Dr. Sreyashi Dhar Chowdhury Dr. Aikyam Dey Dr. Swadhinta Raj Dr. Vyshnavi K
--	--	---

Students Presented

<p>Paper Presentation at IESCON 2023, The National Conference of the India Endodontic Society, held from 29th September – 1st October, 2023 at Bhubaneswar</p>	<p>Dr. Sonali Verma Dr. Divya Singh Dr. Kriti Singh Dr. Dikshya Purohit Dr. Shronika Dr. Megna Chauhan</p>
<p>Poster presentation at 38th IACDE National Conference 2023, held from 30th November to 3rd December, 2023 at Kolkata</p>	<p>Dr. Anupriya Sinha Dr. Divyanu Dr. Piyush Varsha Dr. Mihir Anand Dr. Shweta Raj Dr. Monica Yadav Dr. Supriya Ojha Dr. Rajat Pandey Dr. Sreyashi Dhar Chowdhury Dr. Aikyam Dey Dr. Swadhinta Raj Dr. Vyshnavi K</p>
<p>Case presentation: Inter-college competition on the occasion of Cons-Endo week celebration held on 5th March, 2024 at KGMU, Lucknow.</p>	<p>Dr. Kriti Singh Dr. Sonali Verma</p>

NOTE:**Students –**

- **Dr. Piyush Varsha** – Secured 1st position in Scientific Poster Presentation of the session during 38th IACDE National Conference 2023 held from 30th November to 3rd December,2023 at Kolkata.
- **Dr. Aikyam Dey** – Secured 1st position in Scientific Poster Presentation of the session during 38th IACDE National Conference 2023 held from 30th November to 3rd December,2023 at Kolkata.
- **Dr. Kriti Singh** - Secured 3rd position in Case presentation: Inter-college competition on the occasion of Cons-Endo week celebration held on 5th March, 2024 at KGMU, Lucknow.

3. Faculty-

DATE	PATENTS	APPLICATION NO.	JOURNAL ISSUE NO.	NAME OF FACULTY
June 2, 2023	A Lacron Carver	202111039717 A	22/2023	Dr. Tripti Shahi Gaur
Sept 22, 2023	An Improved Screw driver	202211014125 A	38/2023	Dr. Tripti Shahi Gaur
Feb 16, 2024	Biocompatible nanomaterials for pulp regeneration	202411008743 A	07/2024	Dr. Gaurav Jain Dr. Pradyumna Misra
				Dr. Supratim Tripathi
				Dr. Supratim Tripathi



Department of Oral & Maxillofacial Surgery



Annual Report (2023-24)



The Staff

Professors:

Dr. Krishna Nand Dubey

Dr. Jitender Kr. Aurora M.D.S (Head of the Department)

Readers :

Dr. Suyash Agarwal

Dr. Parul Tandon

Dr. Himanshu Chauhan

Dr. Shamita Tiwari

Senior Lecturers :

Dr. Amartya Prakash Srivastava

Dr. Mohit Saxena

Dr. Meghna Kumar

Dr. Pragya Singh

Dr. Ali Atif Siddiqui

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

- Reconstruction and Rehabilitation
- Regenerative Medicine
- Facial Aesthetics and Rejuvenation
- Oral Cancer

Ongoing research projects

A. Faculty

1. To determine whether Morphometric Assessment of Mental Foramen is a valid predictor of Age and Gender in the adult population: A Prospective Radiographic study.

Principal Investigator: Dr. Himanshu Chauhan

Co-Investigators: Dr. Jitender K Aurora

2. Predicting the extraction technique for mesioangular impacted lower 3rd molars using practical parameters: A novel simplified clinical index'

Principal Investigator: Dr. Parul Tandon

Co-Investigators: Dr. Jitender K Aurora

Dr. Shamita Tiwari

3. Comparison of local anaesthetic efficacy of plain Tramadol hydrochloride versus Tramadol hydrochloride with adrenaline in the extraction of maxillary anterior and premolar teeth.

Principal Investigator: Dr. Parul Tandon

Co-Investigators: Dr. Jitender K Aurora

Dr. Shamita Tiwari

B. Dissertation of M.D.S. students

ONGOING :

Swastik Hazra:

Evaluating the efficacy of fentanyl versus diclofenac sodium as transdermal patches in controlling post-operative pain in mandibular third molar surgeries: a prospective comparative study.

Principal Investigator: Dr. K.N. Dubey

Co-Investigators: Dr. Jitender Kumar Aurora, Dr. Himanshu Chauhan, Dr. Mohit Saxena

Aditya. S. Ingle

Comparison of three different fixation techniques to evaluate facial skeletal stability in advancement genioplasty using finite Dr. Himanshu Chauhan element analysis (FEA)- an In Vitro Study

Principal Investigator : Dr. Jitender Kumar Aurora

Co-Investigators : Dr. K.N. Dubey, Dr. Parul Tandon

Aakash Kumar

Comparative evaluation of i - prf versus jessner's solution versus tca using microneedling in the management of acne scars.

Principal investigator: dr. Jitender kumar aurora

Co-Investigators: Dr. K.N. Dubey, Dr. Parul Tandon, Dr. Mohit Saxena

T. Adarsha

Comparative study between extended nasolabial flap and myocutaneous platysmal flap in osmf cases.

Principal Investigator : Dr. Parul Tandon

Co-Investigators : Dr. K.N. Dubey, Dr. Jitender Kumar Aurora, Dr. Shamita Tiwari

Ibtisam Sahin

Assessment of quality of life amongst oral cancer patients: A Prospective questionnaire based study.

Principal investigator:

Dr. K.N. Dubey

Co-Investigator: Dr. Jitender Kumar Aurora, Dr. Himanshu Chauhan, Dr. Shamita Tiwari

Dr. Kaustav Taran

Biomechanical evaluation of three different miniplate fixation for symphysis and parasymphysis fractures – a finite element study.

Principal investigator : Dr. Jitender K Aurora

Co-investigators : Dr. K.N Dubey

Dr. Himanshu Chauhan

Dr. Shamita Tiwari

Dr. Prachi Mishra

Evaluation of analgesic effect using PRF gel infused with and without Diclofenac in Impacted mandibular third molar sockets – A randomized control study.

Principal investigator : Dr. Jitender K Aurora

Co-investigators : Dr. Parul Tandon

Dr. Shamita Tiwari

Dr. Rajat Srivastava

Comparative evaluation of Transconjunctival Vs Subciliary approaches in the management of orbital rim fracture: A prospective randomized study

Principal investigator :Dr. K.N Dubey

Co-investigator : Dr. Himanshu Chauhan

Dr. Mohit Saxena

Dr. Sachin Vaishnav

Evaluation of effectiveness of Blue -M gel on early wound healing after tooth extraction.

Principal investigator : Dr. K.N Dubey

Co-investigators : Dr. Parul Tandon

Dr. Amartya Prakash Srivastava

Dr. Pratik Maity

Evaluation of bone regeneration with mesenchymal stem cell and blood coagulum.

Principal investigator : Dr. Parul Tandon

Co-investigators : Dr. K.N Dubey

Dr. Jitender K Aurora

Dr. Himanshu Chauhan

M.D.S. Thesis submitted

Evaluation of role of T-cells as diagnostic markers and prognostic indicators in TMJ osteoarthritis.

- Dr . Supratim Mondal

Supervisor – Dr. Jitender K Aurora

Co- supervisors –

Dr. K.N Dubey

Dr. Parul Tandon

A comparative study between the role of mesenchymal stem cells and PRF gel in treatment of abrasions: A prospective randomized control study. – Dr. Monika

Supervisor : Dr. K..N Dubey

Co- supervisor – Dr. Jitender K Aurora

Dr. Parul Tandon

A comparative study to evaluate the efficacy of intra-articular injection of injectable PRF and Hyaluronic Acid in TMJ disorders : A prospective randomized control study.- Dr. Shivansh

Supervisor – Dr. Jitender K Aurora

C0- supervisors –

Dr. K.N Dubey

Dr. Parul Tandon

A comparative study on the outcomes of Polydioxanone threads versus injectable platelet rich fibrin (i-PRF) in facial wrinkles : A prospective randomized control study. – Dr. Vasundhara

Supervisor – Dr. Jitender K Aurora

C0- supervisors –

Dr. K.N Dubey

Dr. Parul Tandon

A comparative study of clinical and radiographic outcomes of 3- Dimensional rhombus plate and strut plate in management of mandibular condyle fracture : A prospective randomized control study.

Supervisor : Dr. K..N Dubey

Co- supervisor – Dr. Jitender K Aurora

Dr. Parul Tandon

M.D.S. Degree awarded

Dr. Asif Imtiyaz Molla

Prophylactic Use of Heparin-Allantoin-Extractum Cepae V/s 5-Fluorouracil in Post-Surgical Scar: A Prospective Double Blinded Randomized Controlled Trial. Dr.Parul Tandon, Dr.K.N. Dubey, Dr Jitender Kr. Aurora, Dr. Shamita Dubey.

Dr. Manish Kashyap

Biomechanical analysis and Comparison between “Zeta” miniplate design & conventional Miniplate system for fixation of fracture segments in Transition zone of parasymphysis body region of mandible –An in-vitro study. Dr Jitender Kr Aurora, Dr. K.N. Dubey, Dr.Parul Tandon.

Dr. Sibashish Khuntia

Comparative Evaluation on Efficacy Of Amalgamated Mixture Of 0.5% Bupivacaine With 2% Lignocaine Verses 4% Articaine Verses 2% Lignocaine For Extraction of Mandibular 3rd Molar Tooth – A Double Blind Study. Dr. K N Dubey, Dr.Jitender Kr. Aurora

**Membership of Scientific Societies, Committees etc. –
Dr. Jitender Kumar Aurora**

Second time Elected as Executive committee member of Association of Oral and Maxillofacial Surgeons of India U.P state chapter. – September 22

Faculty Invited to Deliver Guest Lectures - 01

Dr. Jitender K Aurora participated as panelist in AOMSI virtual masterclass held on 5,6,7,12,13&14 May 2023.

Dr. Jitender K Aurora participated as mentor in AOMSI virtual masterclass held on 5,6,7,12,13&14 May 2023.

Seminars/Conferences/Workshops organized

Seminar Organised:

1. Let's FACE it – A unique initiative by Association of Oral and Maxillofacial Surgeons of India to create an awareness on Road Safety and Prevention of Road Traffic Accidents. – 26th August 2023.

Workshops Organised:

1. Basic Life Support – 30th and 31st October 2023

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

Faculty

DR. Jitender k. Aurora

CONFERENCES :

1. UPAOMSI – 23rd and 24th September 2023
2. AOMSI – 23rd, 24th, 25th NOVEMBER 2023

DR. HIMANSHU CHAUHAN

UPAOMSI 23rd and 24th September 2023

STUDENTS :

CDEs, CMEs, workshops, training programs, lectures and seminars attended

PROGRAMME	STUDENTS
1. 2 nd HEAD AND NECK CANCER, MICROVASCULAR, RECONSTRUCTION SURGERY WORKSHOP- KGMU, LUCKNOW- 24 TH -26 TH APRIL 2023	Dr Pratik Dr Sachin Dr Rajat Dr Prachi
2. 26 TH MIDCOMS, LONI MAHARASHTRA, 20 TH -22 ND JULY, 2023	Dr Pratik Dr Sachin Dr Kaustuv Dr Rajat Dr Prachi Dr Aakash Dr Swastik Dr Aditya
3. 8 TH UPAOMSI, A.M.U. ,ALIGARH: 23 RD -24 TH SEPTEMBER ,2023	Dr Pratik Dr Sachin Dr Kaustuv Dr Rajat Dr Prachi Dr Aakash Dr Ibtisam
4. IMPLANTOLOGY LECTURE AND WORKSHOP- BBD UNIVERSITY, LKO, 20 TH SEPTEMBER, 2023	Dr Swastik Dr Adarsha Dr Aditya
5. 47 TH NATIONAL AOMSI- LEELA CONVENTION, SHAHDRA, DELHI- 23 RD - 25 TH NOVEMBER, 2023	Dr Pratik Dr Sachin Dr Kaustuv Dr Rajat Dr Prachi Dr Aakash Dr Ibtisam Dr Adarsha

PAPERS/POSTERS PRESENTATION BY THE STUDENTS:

PROGRAMME	STUDENTS
1. 26 TH MIDCOMS, LONI MAHARASHTRA, 20 TH -22 ND JULY, 2023	Dr Pratik Dr Sachin Dr Kaustuv Dr Rajat Dr Prachi Dr Aakash Dr Swastik Dr Aditya
2. 8 TH UPAOMSI, A.M.U. ,ALIGARH: 23 RD - 24 TH SEPTEMBER ,2023	Dr Pratik Dr Sachin Dr Kaustuv Dr Rajat Dr Prachi Dr Aakash Dr Ibtisam
3.47 TH NATIONAL AOMSI- LEELA CONVENTION, SHAHDRA, DELHI- 23 RD - 25 TH NOVEMBER, 2023	Dr Pratik Dr Sachin Dr Kaustuv Dr Rajat Dr Prachi Dr Aakash Dr Ibtisam Dr Adarsha



Department of Oral Medicine & Radiology

Year: 1st April 2023 - 31st March 2024



The Staff

Professor

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

Dr. Siddharth Kumar Singh, M.D.S

Dr. Payal Tripathi, M.D.S.

Associate Professor

Dr. Shruti Sinha, M.D.S.

Senior Lecturer

Dr. Shivang Kumar, MDS

Dr. Ankur Kumar Vaish, MDS

Dr. Tanmay Srivastava, M.D.S.

Lecturer

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

The Charter

The Department of Oral Medicine & Radiology at Saraswati Dental College & Hospital serves as a central hub for diagnosing and treating diseases affecting the oral and maxillofacial areas, emphasizing a comprehensive approach to oral healthcare. It provides high-quality clinical training covering essential areas such as potential precancerous conditions, oral cancer, medical emergencies, investigative procedures, Basic Life Support, and LASER techniques. Equipped with advanced technology like CBCT, the Radiology section ensures precise diagnostic imaging.

Beyond clinical practice, the Department explores Forensic Odontology and operates a Tobacco Cessation Centre to address the societal issue of tobacco addiction, employing behavioral therapy and medication. So far, over 14,782 patients with tobacco-related habits have been benefited. Clinical postings sensitize students to the importance of tobacco cessation.

Faculty selection is based on academic merit and experience to effectively train students. With numerous national collaborations, the Department fosters a dynamic academic and research environment. Faculty and students actively participate in conferences and research projects.

Postgraduate students receive training not only in the Dental College but also in allied medical subjects at the Medical Hospital and in diagnostic and therapeutic radiology at Lucknow Cancer Institute and Sarkar Diagnostics.

Regular departmental meetings monitor curriculum, facilitate discussions, and assess student performance. The Department takes pride in its achievements, both academic and extracurricular, at various levels. Support staff contributes to the smooth operation of the Department.

Research thrust areas

- Potentially malignant and Malignant Oral Disorders
- Tobacco cessation and its control
- Forensic Odontology

Faculty Projects

(Completed)

NONE

Faculty Projects

Self-Administered Structured Questionnaire for the assessment of perception of future dentists towards MDS

Supervisor: Dr. Sunira Chandra

Co-Supervisor: Dr. Shruti Sinha

Dissertations of M.D.S. students

A. Ongoing

Dissertation

Dr. Bhavya Srivastava

Efficacy of Diode Laser in the Management of Oral Soft Tissue Lesions: An Interventional Study.

Supervisor: Dr. Sunira Chandra

Co-Supervisor 1: Dr. Vivek Bains

Co-Supervisor 2: Dr. Siddharth Kumar Singh

Co-Supervisor 3: Dr. Shruti Sinha

Dr. Prateek Srivastava

Radiomorphometric Evaluation of Inferior Alveolar Nerve Canal Relation with Root Apices of Mandibular Molars Using CBCT to Assess The Risk Factors of Nerve Injury

Supervisor: Dr. Sunira Chandra

Co-Supervisor 1: Dr. Siddharth Kumar Singh

Co-Supervisor 2: Dr. Shruti Sinha

Dr. Tamoghna Biswas

Radiomorphometric Assessment of Mandibular Canal And Mental Foramen Using CBCT to Determine Sexual Dimorphism In Lucknow Population.

Supervisor: Dr. Sunira Chandra

Co-Supervisor 1: Dr. Siddharth Kumar Singh

Co-Supervisor 2: Dr. Shruti Sinha

Dr. Ila Sant

Radiographic Evaluation of Morphological Variations of Mandibular Molars using CBCT.

Supervisor: Dr. Siddharth Kumar Singh

Co-Supervisor 1: Dr. Sunira Chandra

Co-Supervisor 2: Dr. Shruti Sinha

B. Submitted

None

Faculties invited to deliver Guest Lectures, Chair Scientific Session

S.No	Name of teachers who received awards	Title of the Award (s)	Name of the agency/agencies that gave the award
1.	Dr. Siddharth Kumar Singh	Chairing a Scientific Session at XX National Triple O Symposium on 1 st and 2 nd April 2023	Faculty of Dental Sciences, Institute of Medical Sciences, Banaras Hindu University, Varanasi
2.	Dr. Siddharth Kumar Singh	Certificate of Appreciation for presenting Faculty Scientific Paper Presentation on 1 st and 2 nd April 2023	Faculty of Dental Sciences, Institute of Medical Sciences, Banaras Hindu University, Varanasi
3.	Dr. Shruti Sinha	Certificate of Appreciation as Guest Speaker Course Faculty "Education for Cancer- for Dental Professionals" on 10 th September 2023	Asian Head and Neck Cancer Foundation
4.	Dr. (Mrs.) Sunira Chandra	Certificate of Appreciation for Excellence in Healthcare by India Healthcare Awards on 26 th January 2024	We Care Media Foundation

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

Faculty

WEBINARS/ CDES ATTENDED

S.NO	NAME OF THE FACULTY	NAME OF THE CONFERENCE/ SEMINAR/WORKSHOPS	NATIONAL/ INTERNATIONAL	DURATION (DATE)
1.	Dr. Siddharth Kumar Singh Dr. Tanmay Srivastava	Symposium- XX National Triple O Symposium at Faculty of Dental Sciences, Institute of Medical Sciences, Banaras Hindu University, Varanasi	National	1 st and 2 nd April 2023
2.	Dr. Tanmay Srivastava	Webinar- “Role of CBCT in OSA- An Overview” by Dept. Oral Medicine, Radiology & Special Care Dentistry” at Saveetha Dental College.	National	30 th June 2023
3.	Dr. Siddharth Kumar Singh	CME cum Workshop on Good Clinical Practices and Bioethics for the conduct of biomedical and health research at Saraswati Medical College, Unnao	National	15 th September 2023
4.	Dr. Siddharth Kumar Singh	Webinar- Certificate of Participation at NIMS Dental College & Hospital, Jaipur on “Artificial Intelligence in Dentistry”	National	28 th November 2023
5.	Dr. Siddharth Kumar Singh	Webinar- Certificate of Participation at NIMS Dental College & Hospital, Jaipur on “Forensic Facial Reconstruction”	National	6 th January 2024

OTHERS**COURSES**

S.No.	Name of The Faculty	Courses	Agency/ College	Date
1.	Dr. Shruti Sinha	Foundation Certificate Course in Forensic Odontology	Sherlock Institute of Forensic India	28 th April 2023
1.	Dr. Tanmay Srivastava	Master in Public Health	Shri Ramswaroop Memorial University	2022-2023

Students attended

S.NO	NAME OF THE PG STUDENT	NAME OF THE CONFERENCE/ SEMINAR/WORKSHOPS	NATIONAL/ INTERNATIONAL	DURATION (DATE)
4.	Dr. Bhavya Srivastava Dr. Prateek Srivastava Dr. Ila Sant Dr. Tamoghna Biswas	XX National Triple O Symposium 2023, Indian Academy Of Oral Medicine and Radiology (IAOMR) by Faculty of Dental Sciences, Institute of Medical Sciences, Banaras Hindu University, Varanasi	National	1-2 April, 2023
5.	Dr. Prateek Srivastava Dr. Ila Sant Dr. Tamoghna Biswas	20 th Annual National Conference of Indian Association of forensic odontology by I.T.S Dental College, Ghaziabad	National	22-24 September, 2023

Students presented

S.NO	NAME OF THE PG STUDENT	NAME OF THE CONFERENCE/ SEMINAR/WORKSHOPS	NATIONAL/ INTERNATIONAL	TOPIC	DURATION (DATE)
1.	Dr. Bhavya Srivastava	XX National Triple O Symposium 2023, Indian Academy Of Oral Medicine and Radiology (IAOMR) by Faculty of Dental Sciences, Institute of Medical Sciences, Banaras Hindu University, Varanasi	National	Rare Case Report Of Mucormycosis: A Result Of Comorbidity	1-2 April, 2023
2.	Dr. Prateek Srivastava	XX National Triple O Symposium 2023, Indian Academy Of Oral Medicine and Radiology (IAOMR) by Faculty of Dental Sciences, Institute of Medical Sciences, Banaras Hindu University, Varanasi	National	Photodynamic Therapy	1-2 April, 2023
3.	Dr. Ila Sant	XX National Triple O Symposium 2023, Indian Academy Of Oral Medicine and Radiology (IAOMR) by Faculty of Dental Sciences, Institute of Medical Sciences, Banaras Hindu University, Varanasi	National	Eco Dentistry Green Dental Professionals For A Green Wellness Lifestyle.	1-2 April, 2023
4.	Dr. Tamoghna Biswas	XX National Triple O Symposium 2023, Indian Academy Of Oral Medicine and Radiology (IAOMR) by Faculty of Dental Sciences, Institute of Medical Sciences, Banaras Hindu University, Varanasi	National	Oil Pulling: A Traditional Folk Remedy For Oral Hygiene Maintenance	1-2 April, 2023
5.	Dr. Prateek Srivastava	20 th Annual National Conference of Indian Association of forensic odontology by I.T.S Dental College, Ghaziabad	National	Higher Education in Forensic Odontology :An indispensable need	22-24 September, 2023
6.	Dr. Ila Sant & Dr. Tamoghna Biswas	20 th Annual National Conference of Indian Association of forensic odontology by I.T.S Dental College, Ghaziabad	National	Forensic Odontology: A Game Changer as Teeth Tell Tales	22-24 September, 2023

Honors, Awards & Special Attainments

A. Department

None

B. Faculty

Dr. Sunira Chandra,

- Certificate of Appreciation for Excellence in Healthcare by India Health Care Awards 2024 at We Care Media Foundation on 26th January 2024.

Dr. Siddharth Kumar Singh

- Chairing a Scientific Session at XX National Triple O Symposium at Faculty of Dental Sciences, Institute of Medical Sciences, Banaras Hindu University, Varanasi on 1st and 2nd April 2023
- Certificate of Appreciation for presenting Faculty Scientific Paper Presentation at Faculty of Dental Sciences, Institute of Medical Sciences, Banaras Hindu University, Varanasi on 1st and 2nd April 2023

Dr. Shruti Sinha

- Certificate of Appreciation as Guest Speaker Course Faculty “Education for Cancer- for Dental Professionals” at Asian Head and Neck Cancer Foundation on 10th September 2023.

C. Students

S.NO	NAME OF THE PG STUDENT	NAME OF THE CONFERENCE/ SEMINAR/WORKSHOPS	AWARDED	DURATION (DATE)
1.	Dr. Prateek Srivastava	XX National Triple O Symposium 2023, Indian Academy Of Oral Medicine and Radiology (IAOMR) by Faculty of Dental Sciences, Institute of Medical Sciences, Banaras Hindu University, Varanasi	1 st Prize Paper Presentation	1-2 April, 2023
2.	Dr. Ila Sant	XX National Triple O Symposium 2023, Indian Academy Of Oral Medicine and Radiology (IAOMR) by Faculty of Dental Sciences, Institute of Medical Sciences, Banaras Hindu University, Varanasi	2 nd Prize Paper Presentation	1-2 April, 2023



**DEPARTMENT OF ORAL & MAXILLOFACIAL PATHOLOGY
AND ORAL MICROBIOLOGY
SARASWATI DENTAL COLLEGE, LUCKNOW
233, Tiwari Ganj, Ayodhya Road, Chinhat, Lucknow-226028 (U.P.)**

**ANNUAL REPORT (April 2023 – March 2024)
Department of Oral Pathology & Microbiology**



The Staff

Professor

Dr. Kunal Sah, M.D.S., Head of the Department

Reader

Dr. Shweta Singh, M.D.S.

Reader

Dr. Nidhi Sinha, M.D.S.

Reader

Dr. Surbhi Singh, M.D.S.

Sr. Lecturer

Dr. Kanak Tiwari, M.D.S

Sr. Lecturer

Dr. Janvi Dixit, 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

DISSERTATION OF M.D.S. STUDENTS

SYNOPSIS SUBMITTED:

Dr. Vijay Kumar Mishra

Qualitative and Quantitative analysis of EpCAM expression in Potentially Malignant Oral Disorders and in Oral Squamous Cell Carcinoma: An Immunohistochemical Study

Supervisor: Dr. Kunal Sah,

Co-Supervisor:

1. Dr. Shweta Singh
2. Dr. Nidhi Sinha

ONGOING DISSERTATION

1. Dr Shiv Kumari Prajapati
Evaluation of non-metric dental crown traits (NDCTs) using Arizona State University Dental Anthropology System (ASUDAS) in Lucknow District Based Population.

Supervisor: Dr. Kunal Sah,

Co-Supervisor: 1. Dr. Sunira Chandra
2. Dr. Shweta Singh

2. Dr Tanushree Tiwari
Evaluation of CD10 Expression In Potentially Malignant Oral Disorders, Early Invasive Squamous Cell Carcinoma And Oral Squamous Cell Carcinoma: An Immunohistochemical Study

Supervisor: Dr. Kunal Sah,

Co-Supervisor: Dr. Shweta Singh

3. Dr. Jainendra Mishra

Completed

4. Dr. Ashwini Kumar

Completed

Membership of Scientific Societies, Committees etc

<u>Name</u>	<u>Membership details</u>
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, ActaCytologica 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

Dr. Shomaila Ahmad

Life Member, Indian Red Cross Society

Annual Member, Indian Dental Association

Year	Name of the programmer	Number of teachers attended
2024	Reeloscopy, sculptomania,chrome-art for ug, and interns were organised on National Oral Pathologist Day on 25 th February, 2024.	8
2024	Poster and model making competitions were Organized on World Cancer Day based on the theme “ Close the Care Gap ” on 4th February , for the ug and interns of Saraswati Dental College, Saraswati Hospital & Research Center	8
2024	Add on program on “Forensic Odontology” held from 6 th March to 24 th April 2024 at Saraswati dental college and Hospital, Lucknow	23
2024	Triple-o-clinicopathological Meet held on 24/01/24	20
2023	Oral and Maxillofacial Pathology and Oral Microbiology celebrated World Head and Neck Cancer Day on 27th July, 2023	5

Faculty Invited to Deliver Guest Lectures, Chair Scientific Session—NIL**EVENTS/SEMINARS/CONFERENCES/WORKSHOPS ORGANIZED:****ORIENTATION/REFRESHER COURSE/SHORT TERM COURSE ATTENDED BY FACULTY:**

YEAR	Names of Faculty	TITLE OF COURSES	Duration From April 2023– To March2024
2023	Dr. Shweta Singh	Cosmetic Dentistry: Tips and tricks for case acceptance and fundamental principles of esthetics	28-06-2023
2023	Dr. Shweta Singh	The Introduction of Artificial Intelligence in Clinical Dentistry	22-06-2023
2023	Dr. Shweta Singh	Oral Mucosal Premalignant Diseases and Squamous Cell Carcinoma	04.06.23
2023	Dr. Shweta Singh	Variants of normal radiologic anatomy that may simulate disease on panoramic images Part 2	26.02.2023
2023	Dr. Shweta Singh	Variants of normal radiologic anatomy that may simulate disease on panoramic images	19.02.2023
2023	Dr. Shweta Singh	The mouth and the body: The Influence of Oral Health on Pulmonary Diseases	18.02.2023

2023	Dr. Shweta Singh	Lesson from the laboratory: Your Tissue processing questions, Answered	4 May 2023
2023	Dr. Shweta Singh	Clinicopathological Decoys- Verrucopapillary Pathology: Case -based Approach	24/08/2023
2024	Dr. Shweta Singh	BCBR TRAINING COURSE	Feb 2023 to Feb2024

FACULTY DEVELOPMENT PROGRAMMES: NIL

LIST OF NATIONAL & INTERNATIONAL CONFERENCES/ SEMINAR/ WORKSHOP /CDE/ATTENDED BY FACULTY

YEAR	TITLE OF WORKSHOP/ SEMINAR/ WEBINAR/ CONFERENCE/ CONCLAVE	VENUE	STAFF
2023-2024			
24th - 28th July 2023	Workshop on Basic and Advanced Techniques in Immunohistochemistry and Cytochemistry	Karyashala Accelerate Vigyan Scheme	Dr. Shweta
18/10/2023	CDE International CDE cum Workshop on Modern Forensic Perspective of Disaster Victim Identification.	School of Dental Sciences, Sharda University	Dr. Shweta
03.11.2023 - 05.11.2023	30 th National IOMPA Conference 2023	Indian Association of Oral and Maxillofacial Pathologist	Dr Kunal
24.08.2023	CDE Clinico pathological décor-Varico Papillary Pathology;case based approach	DY Patil, Vidyapeeth, Pune	Dr. Shweta

CDE/WORKSHOP/CONFERENCE/WEBINAR ATTENDED BY STUDENTS:

S.NO	NAME OF STUDENT	DATE	NAME OF PROGRAMME ATTENDED
1.	Dr. Shiv Kumari	01.04.2023	20 th National OOO Symposium 2023, IOMR
2.	Dr. Tanushree	01.04.2023	20 th National OOO Symposium 2023, IOMR
3	Dr. Shiv Kumari	21.06.2023	National IOMPA Convention 2023
4	Dr. Shiv Kumari	27/09/2023	CDE/CMP Program

HONOURS, AWARDS & SPECIAL ATTAINMENTS:

YEAR	NAME OF FACULTY	TITLE OF THE AWARD	STATE LEVEL	NATIONAL LEVEL	INTERNATIONAL LEVEL	NAME OF THE AGENCIES THAT AWARDED
September 2023	DR. NIDHI SINHA	1 st Prize in paper presentation in 8 th world dental sciences and oral Health Conference	STATE-	-	-	8 th world dental sciences and oral Health Conference
Feb 2024	DR. NIDHI SINHA	Authored one chapter				Futuristic Trend in Medical Sciences Volume 3, book 9,2024, IIP Series

B. Students: NIL



PUBLICATIONS

- 36) Shah K., Chandra S. Embalming with Honey: Quest for an ecofriendly and non-toxic museum: *Journal of Maxillofacial Pathology* 2023; 27:533-536 (PubMed- 38033931)
- 37) Singh S. et.al. Mucormycosis: Complication or negligence: *University Journal of Dental Sciences* 2023; 9(4).77-81
- 38) Singh S. et.al. Psychological impact of Covid-19 on dental students' – An interventional study: *Journal of Pharmacy and Bioallied Sciences* 2023;
- 39) Singh S.K et.al. A Pen sketch for Oral Pemphigus Vulgaris : A Review : *Journal of Oral Medicine , Oral Surgery, Oral Pathology and Oral Radiology* 2023;9(1).3-5
- 40) Singh et al., Pyogenic Granuloma or Haemangioma- A Diagnostic Dilemma. *Journal of Clinical and Diagnostic Research*. 2024 Jan, Vol-18(1)
- 41) Tiwari K et al. Imperative importance of connective tissue stroma in evaluating biological behaviour of odontogenic lesions by employing myofibroblast count: an immunohistochemical study. *Indian Journal of applied research* Volume - 14 | Issue - 02 | February - 2024 |



Department of Orthodontics & Dentofacial Orthopaedics

Annual Report (2023-24)



Dr. Ragni Tandon

HOD

The Staff

Professors

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

Dr. Kamlesh Singh, M.D.S.

Dr. Aftab Azam, M.D.S.

Dr. Pratik Chandra M.D.S.

Reader

Dr. Ashish Chauhan, M.D.S.

Senior lecturer

Dr. Adarshika Yadav, M.D.S

Dr. Shreya V. Mishra, M.D.S

Dr. Swati Agarwal, M.D.S

Dr. Deepa Soni, M.D.S

The Charter

The Department of Orthodontics & Dentofacial Orthopaedics 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 endeavour to provide adequate knowledge, necessary skills and reasonable attitude for carrying out all activities appropriate to specialized practice of orthodontics and dentofacial orthopaedics by the specialists and related general dental practice by the undergraduate's 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 areas

- Smile design and micro esthetics
- Digital and advanced diagnostic techniques

Ongoing research projects: -

Dissertation of M.D.S. Students

A. Ongoing

MDS – 2022-23

Dr. Gargi Bardhan Chaudhary

Clinical evaluation of gummy smile in young individual

Guide: Dr. Kamlesh Singh

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

Dr. Tushar Mathur

Comparison of bond strength efficacies of different bonding materials

Guide: Dr. Pratik Chandra

Co-guide: Dr. Ragni Tandon, Dr. Kamlesh Singh, Dr. Ashish Chauhan

Dr. Krishna Das Banerjee

Evaluation of bone density changes around maxillary anterior teeth region during orthodontic treatment

Guide: Dr. Aftab Azam

Co-guide: Dr. Kamlesh Singh, Dr. Ashish Chauhan

Dr. Aritra Haldar

Arch perimeter prediction using Ramanujan's equation of ellips.

Guide: Dr. Kamlesh Singh

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

Dr. Richa Ahlawat

Photographic evaluation of smile characteristics in different dental and skeletal pattern

Guide: Dr. Ragni Tandon

Co-guide: Dr. Kamlesh Singh, Dr. Pratik Chandra, Dr. Ashish Chauhan

Dr. Theertha Baburaj

Evaluation of pain perception in orthodontic patient using different types of separators

Guide: Dr. Ragni Tandon

Co-guide: Dr. Aftab Azam, Dr. Pratik Chandra

MDS- 2023-24

Dr. Priyanshi Agarwal

Evaluation of pre and post treatment morphological changes in Palatal Rugae pattern in orthodontically treated patients

Guide: Dr. Ragni Tandon

Co-guide: Dr. Kamlesh Singh, Dr. Ashish Chauhan

Dr. Anamika Mishra

New verses old cephalometric parameters for the assessment of vertical skeletal discrepancy in North Indian Population: A Cephalometric Study

Guide: Dr. Kamlesh Singh

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

Dr. Richa Kumari

Assessment of lingual frenum length, tongue position and tongue size with various skeletal malocclusal.

Guide- Dr. Ragni Tandon

Co- guide- Dr. Aftab Azam and Dr. Pratik Chandra.

Dr. Marish Kiran

Correlation between facial type and dental arch parameters: A Anthropometric Study

Guide: Dr Pratik Chandra

Co Guide: Dr. Ragni Tandon, Dr. Kamlesh Singh

Dr. Nikita Pandey

Microesthetic variables - as perceived by dental professionals and young population

Guide: Dr. Kamlesh Singh

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

Dr. Pawan

Reliability of smart phone application analysis verses manual analysis: A cephalometric comparative study

Guide: Dr. Aftab Azam

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

B. Dissertation submitted

MDS- 2021-22

Dr. Ghazia Tarannum

Force decay of elastomeric chain in different mouthwashes- an invitro study

Supervisor: Dr. Aftab Azam

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

Dr. Soumyashree Biswal

A comparative evaluation of various dermatoglyphic patterns in different malocclusions

Supervisor: Dr. Kamlesh Singh

Co-supervisor: Dr. Pratik Chandra

Dr. Tania Shaw

A comparative evaluation of Sella bridging and Ponticulous Posticus formation with various malocclusion in north Indian population-: A Cephalometric study

Supervisor: Dr. Ragni Tandon

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

Dr. Remin N.M.

Determination of stress distribution in maxillary dental arch with implants of various dimensions in different types of tooth movement with varying bone densities: - A three-dimensional finite element study

Supervisor: Dr. Ragni Tandon

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

Dr. Sukanya panda

Correlation between nasal index and facial index in north Indian population- clinical study

Supervisor: Dr. Pratik Chandra

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

C. M.D.S. Degree Awarded

MDS- 2020-21

Dr. Ananya Pyne

Correlation of cheek pressure with different facial forms in the local population- an invitro study

Supervisor: Dr. Ragni Tandon

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

Dr. Nisha Mahawar

Correlation between bite force and BMI in young adults- an in vitro study

Supervisor: Dr. Kamlesh Singh

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

Dr. Masum Mohapatra

Pre and post treatment changes in lip position; a retrospective cephalometric study on bimaxillary protrusion cases

Supervisor: Dr. Pratik Chandra

Co-Guide-Dr. Ragni Tandon, Dr. Kamlesh Singh

Dr. Swabhiman Behera

Evaluation of female facial attractiveness and smile esthetics , using eye tracking system

Supervisor: Dr. Kamlesh Singh

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

Dr. Sudhanshu Prajapati

Correlation of facial muscle and facial form in local population – an ultrasonographic study

Supervisor: Dr. Kamlesh Singh

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

Dr. Sowmya Sinha

Effect produced on TMJ upon application of different force values of class II and class III elastics-: an in vitro FEM study

Supervisor: Dr. Aftab Azam

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

Membership of Scientific Societies, Committees etc.**Name****Membership details**

Dr. Ragni Tandon

Member, Uttar Pradesh Dental Council

Member, Indian Orthodontic Society

Member Academic Council, KGMU, Lucknow

Member, Orthodontic Study Group of Lucknow (OSGOL)

Dr. Kamlesh Singh

Member, Indian Orthodontic Society

Member, Orthodontic Study Group of Lucknow (OSGOL)

Member Indian Society of Cleft lip, Palate and Craniofacial Anomalies

Dr. Aftab Azam

Member, Indian Orthodontic Society

Member, Orthodontic Study Group of Lucknow (OSGOL)

Dr Pratik Chandra

Member, Indian Orthodontic Society

Member, Orthodontic Study Group, Lucknow

Managing Editor, Journal of Dentofacial Sciences

Member, Scientific Committee, Journal of Orthodontic Research & Clinics

Executive committee member of Indian Orthodontic Society

Dr. Ashish Chauhan Member, Indian Orthodontic Society
Member, Orthodontic Study Group, Lucknow

Dr. Adharshika Yadav Member, Indian Orthodontic Society

Dr. Shreya V. Mishra Member, Indian Orthodontic Society
Member, Orthodontic Study Group, Lucknow

Dr. Swati Agarwal Member, Indian Orthodontic Society

Dr. Deepa Soni Member, Indian Orthodontic Society

Faculty Invited to Deliver Guest Lectures, Chair Scientific Session

- Holistic Approach to Cleft and Craniofacial Anomalies- North DMC Medical College, Hindu Rao Hospital, New Delhi on 2nd and 3rd Sept 2023- Speaker and Chairperson- Dr. Kamlesh Singh
- 1st Functional Jaw Orthopedics Workshop held at SPPGIDMS, Lucknow- 23rd- 24th Nov 2023- Judge for Student E-Poster- Dr. Kamlesh Singh, Course faculty- Dr. Aftab Azam, Dr. Pratik Chandra

Seminars/Conferences/Workshops organized

- Faculty development program on the topic of Consistency amid Distractions by Dr. Vandita Mishra- external resource person on 24th Jan 2024
- Orthognathic surgery 2nd-5th Dec 2023- Dr. Ragni Tandon, Dr. Kamlesh Singh, Dr. Aftab Azam, Dr. Pratik Chandra, Dr. Ashish Chauhan

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

Faculty

- 1st Functional Jaw Orthopedics Workshop held at SPPGIDMS, Lucknow- 23rd- 24th Nov 2023- Judge for Student E-Poster- Dr. Kamlesh Singh, Course faculty- Dr. Aftab Azam, Dr. Pratik Chandra
- Permanent Dentition- Hands on workshop at Balaji Medical and Dental College, Chennai- 21st- 23rd March 2024
- Hands on program and lecture on In- House Clear Aligners at Chandra Dental College, Lucknow on 11th- 12th Dec 2023- Dr. Ragni Tandon, Dr. Kamlesh Singh

Students

- 1st Functional Jaw Orthopedics Workshop held at SPPGIDMS, Lucknow- 23rd- 24th Nov 2023- Dr. Tania Shaw, Dr. Remin NM, DR. Ghazia Tarannum, Dr. Sukanya Panda, Dr. Soumyashree Biswal

Honours, Awards & Special Attainments

A. Faculty

- Dr. A.V. Arun's outstanding Professor Award for year 2023 at 57th Indian Orthodontic Conference, Meerut- Dr. Ragni Tandon
- Life time achievement award at Saraswati Dental College, Lucknow on 26th Jan 2024- Dr. Kamlesh Singh

B. Students

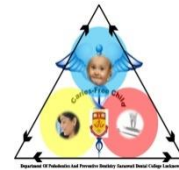
- Certificate of appreciation for 1st division in PG 1st year exam- Dr. Richa Ahlawat- 26th Jan 2024
- Certificate of appreciation for 1st division in PG 3rd year exam- Dr. Sowmya Sinha- 26th Jan 2024





Department of Pediatric Dentistry
SARASWATI DENTAL COLLEGE & HOSPITAL

233, Tiwari Ganj, Ayodhya Road, P.O.-Juggour (Via Chinhat), Lucknow-226028 (U.P.)



The Staffs

Professors

Dr. Saumya Navit, M.D.S ., Head of the Department

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

Reader

Dr. Meenakshi Upadhaya, M.D.S.

Senior Lecturers

Dr. SeemaJabeen, M.D.S

Dr. Shaifali Agrawal, M.D.S.

Dr. Rinne Khanna, M.D.S

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 Pediatric Dentistry offer graduate (Bachelor of Dental Surgery) and post-graduate program (Master of Dental Surgery) and are affiliated to Dr Ram Manohar Lohia Awadh and Atal Bihari Vajpayee Medical University. The course is approved and accredited by Dental Council of India.

This branch's objectives include understanding child behaviour and anxiety, identifying and differentiating between normal and abnormal somatic dentofacial and psychological growth and development, and managing and communicating with children who exhibit anxiety and moderately disruptive behavior using behavioral and pharmacotherapeutic techniques. The information that we receive from the child and the parent is used to create an accurate database, used to formulate, and accurately diagnose the condition. We plan appropriate therapy for common oral health problems in children, and we provide treatment for children with special health care needs. We identify and handle medical emergencies that are frequently experienced by children and adolescents who are undergoing treatment, and we also provide appropriate referrals.

The Department's faculty is dedicated to achieving the highest possible standards in term of teaching schedules. There are a variety of methods that are utilised to evaluate students, including but not limited to: internal assessment examinations, case discussions, demonstrations, group talks, viva-voce, seminars, and journal work. We ensure that our graduating dentists acquire the information and skills necessary to serve their community by providing exceptional teaching and training, with a primary emphasis on providing compassionate oral health care that is centered towards the patient.

The Department of Pediatric Dentistry has set its sights on making its students a recognized leader in the provision of exceptional oral health care for infants, children, and adolescents, including those who have special needs by continually expanding student's knowledge and professional abilities by participation in academic activities such as workshops, continuing education events, conferences, and other such gatherings. This department is actively involved in research by focusing on thrust areas and performs community dental care especially for the underprivileged sectors of society.

Research thrust areas:

- Behaviour Management
- Pediatric Endodontics
- Dental Caries and Prevention
- Minimal Invasive Dentistry

Ongoing research projects -

Dissertation of M.D.S. Students:

A. Ongoing

Dr. Atul Gupta

Determining prevalence of pediatric sleep apnea amongst indian children aged between 4–12 years: a questionnaire based study

Supervisor: Dr. Saumya Navit

Co- Supervisor: Dr. Suleman Abbas Khan, Dr Seema Jabeen

Dr. Anshika Dixit

Custom designed vibration device v/s benzocaine during local anesthesia administration: a Randomised Clinical Trial

Supervisor: Dr. Suleman Abbas Khan

Co-supervisor: Dr. Saumya Navit, Dr. Meenakshi Upadhyay

Dr. Rudrani Roy

Comparison of nitrous oxide inhalation sedation(nois) and virtual reality distraction on anxiety and behaviour of children: An in Vivo study

Supervisor: Dr Saumya Navit

Co-supervisor: Dr Suleman Abbas Khan, Dr Shaifali Agarwal

Dr. Darshan Das

Effect of potassium (ki) on surface hardness & colour change after silver diamine fluoride (SDF) application on incipient carious lesion- an in vitro study

Supervisor- Dr. Suleman Abbas Khan

Co-supervisor- Dr. Saumya navit, Dr. Seema Jabeen

Dr. Samreen Fatma

Association of inflammatory biomarkers With dental caries among 6-12 year-old Children: a case-control study

Supervisor: dr saumya navit

Co-supervisor: Dr Suleman Abbas Khan, Dr Shaifali Agarwal

Dr. Diksha Shukla

Comparative evaluation of antimicrobial efficacy of himalayan pink salt, black salt and commercially available fluoride mouthrinses

Supervisor: Dr. Suleman Abbas Khan

Co-Supervisors: Dr. Saumya Navit, Dr Meenakshi Upadhyay

B. M.D.S. Degree awarded

Dr. Harshal Gaidhane

Comparative assessment of pulp dissolution and smear layer removal properties of various herbal extracts- an invitro study

Supervisor: Dr. Saumya Navit

Co-Supervisors: Dr. Suleman Abbas Khan, Dr Meenakshi Upadhayay

Dr. Monika Singh

'Resolved the dissolved'- Comparing remineralizing potential of different fluoride agents-An in vitro study

Supervisor: Dr. Saumya Navit

Co-Supervisors: Dr. Suleman Abbas Khan, Dr Seema Jabeen

Dr. Sujeet Pal

Comparative evaluation of remineralizing potential of himalayan pink salt, himalayan black salt, sodium fluoride and amine fluoride: An invitro study

Supervisor: Dr. Suleman Abbas Khan

Co-Supervisors: Dr. Saumya Navit, Dr Nishi Grover

Membership of Scientific Societies, Committees etc

<u>Name</u>	<u>Membership details</u>
Dr. Saumya Navit	Life 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, South Asian Association of Pediatric Dentistry
Dr. Meenakshi Upadhyay.	Life Member, Indian Society of Pedodontics& Preventive Dentistry Life Member, South Asian Association of Pediatric Dentistry
Dr. SeemaJabeen	Life Member, Indian Society of Pedodontics& Preventive Dentistry Life Member, South Asian Association of Pediatric Dentistry
Dr Shaifali Agrawal	Life Member, Indian Society of Pedodontics & Preventive Dentistry
Dr Rinnee Khanna	Life Member, Indian Society of Pedodontics& Preventive Dentistry Life Member, South Asian Association of Pediatric Dentistry Life Member, Indian Society For Medical Research

Faculty achievements:

Dr Seema Jabeen - Awarded with the young researcher of SDC&H
on 26 Jan 24

Books Published:

<u>S.No</u>	<u>Name of the book</u>	<u>Name of the Author</u>	<u>Name of the Publisher</u>	<u>Year of publication</u>	<u>ISBN/ISSN Number of the proceedings</u>
1.	Conscious Sedation: Emerging Trend In Pediatric Dentistry	Dr. Meenakshi Upadhyay Dr. Shaifali Agrawal	Insta Publishing	2023	ISBN-13:978-9390719839

List of Publication:

S.NO	PUBLICATION TITLE	AUTHOR NAME	JOURNAL NAME	YEAR
1.	Orthodontic Management of Midline Diastema Caused by Mesiodens: A Case Series	Navit S Khan SA Jabeen S Rudrani Roy	Asian Journal of Oral Health and Allied Sciences	2024
2.	Pyogenic Granuloma or Hemangioma a Diagnostic Dilemma in a 13-year-old Female	Khan SA Sujeet Pal	Journal of Clinical and Diagnostic Research	2024
3.	A Cephalometric Study of Sella Tursica: Correlation of Its Size With Different Skeletal Malocclusions.	Navit S	International Journal of Clinical Pediatric Dentistry	2023
4.	Pediatric Sleep Apnea: A Ticking Time Bomb, Ensure Diffusion Before Effusion	Navit S Khan SA Jabeen S	European Chemical Bulletin	2023

		Sujeet Pal Atul Gupta		
5.	Repair The Defect-Emerging Topical Fluoridated Remineralizing Agents: A Review	Navit S Khan SA Jabeen S Monika Singh	University Journal of Dental Sciences	2023

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

Faculty

<u>S. No.</u>	<u>Names of the teachers who attended Faculty Development Programmes (including online programmes)</u>	<u>Title of the programme</u>	<u>Date</u>
1.	Dr. Meenakshi Upadhyay Dr. Shaifali Agrawal	Restructured lionized Water Could Save Your Life” with this year theme “Health for All” (Mr. Santosh Tiwari & Mr. Sudhir Agnihotri)	07 Apr 23
2.	Dr. Shaifali Agrawal	A Sensitization, Demonstration Session & Drill regarding the utilization of Firefighting Facility in the campus.	17 Jul 23
3.	Dr. Saumya Navit Dr. Suleman Abbas Khan Dr. Meenakshi Upadhyay Dr. Seema Jabeen Dr. Shaifali Agrawal	Quality Audit (Cdr. Sumit Ghosh)	01 Aug 2023

4.	Dr. Suleman Abbas Khan Dr. Meenakshi Upadhyay Dr. Seema Jabeen	Publication in Quality Journals (Cdr. Sumit Ghosh, Prof. (Dr.) Kunal Sah)	05 Aug 2023
5.	Dr. Meenakshi Upadhyay	Effective Leadership and E- Governance (Prof. (Dr.) Kunal Sah)	08 Aug 2023
6.	Dr. Suleman Abbas Khan Dr. Meenakshi Upadhyay	Soft Tissue Grafting: A Periodontal Enigma (CDE) (Lt. Col. (Dr.) Saravanan SP)	17 Aug 2023
7.	Dr. Meenakshi Upadhyay	Leadership (Mr. Atul Shukla)	08 Sep 2023
8.	Dr. Shaifali Agrawal	Effective Presentation (Mr. Atul Shukla)	15 Sep 2023
9.	Dr. Suleman Abbas Khan Dr. Meenakshi Upadhyay	Decision Making (Mr. Atul Shukla)	22 Sep 2023
10.	Dr. Suleman Abbas Khan Dr. Shaifali Agrawal Dr. Seema Jabeen	Stress Management (Mr. Atul Shukla)	29 Sep 2023
11.	Dr. Meenakshi Upadhyay Dr. Suleman Abbas Khan	2nd Refresher Training the Session on “Website Management”	02 Nov 2023
12.	Dr. Saumya Navit	Looking Closer into World of Micro – Endodontics (Prof. (Dr.) Supratim Tripathi)	03 Nov 2023

13.	Dr. Meenakshi Upadhyay	Clinical Implications of Fluoride in Dentistry (CDE) (Dr. P.G. Naveen Kumar)	22 Nov 2023
14.	Dr. Saumya Navit Dr. Suleman Abbas Khan	Simplifying NIRF	11 Jan 2024

Students

- Dr. Sujit Pal PG-III & Dr Monika Singh PG-III swarded Gold Medal for securing highest marks in the MDS final examination – 2023.
- Dr Atul Gupta & Dr Rudrani Roy awarded with the best paper in ISPPD-2023 national conference.
- Dr. Prajjwal Srivastava awarded Best PG of the year 2023-24.

S.No	DATE	NAME OF PRESENTER	TOPIC (Workshop)	ATTENDEES (STUDENTS)
1.	01 Dec 23	Dr Deepesh Prajapati	Accelerating Pediatric Dentistry: Chairside space maintainers & flexible esthetic crowns	Dr Shifa Raza
2.	05 Mar 24	Dr Ali Atif	Facial Aesthetics	Dr Prajjwal Srivastava Dr Shifa Raza Dr Prashali Gupta





Department of Periodontology

The Staff

Professors

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

Dr. Vivek Govila, M.D.S.

Col.(Dr.) Anil Jha, M.D.S.

Dr. Chetan Chandra, M.D.S.



Readers

Dr. Ruchi Srivastava, M.D.S.

Dr. Rohit Madan, M.D.S.

Dr. Iram Rizvi, M.D.S.

Senior Lecturers

Dr. Sunakshi Soi, 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
- Peri-implant Esthetics

Research projects during the year

Dissertation of M.D.S. Students

Ongoing

Dr. Chhama Verma

Comparative evaluation of Connective Tissue Graft with or without Photobiomodulation in the management of Gingival Recession using Micro Surgical Approach: A Randomized Clinical Study.

Supervisor: Dr. Chetan Chandra

Co-Supervisors: Col.(Dr.) Anil Jha, Dr. Vivek Bains, Dr. Sunakshi Soi

Dr. Deepali Pandey

Clinical evaluation of gingival biotype in titanium prepared platelet rich fibrin treated implant sites with or without photobiomodulation- A randomised clinical trial.

Supervisor: Dr. Vivek Bains

Co-Supervisors: Col.(Dr.) Anil Jha, Dr. Chetan Chandra, Dr. Ruchi Srivastava

Dr. Anisha Singh

Comparative evaluation of Injectable Platelet rich fibrin (i-PRF) and micro-needling in the management of thin gingival phenotype: a randomized clinical trial.

Supervisor: Dr. Chetan Chandra

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

Dr Shruti Singh

Laser Assisted Ablative versus Non-ablative Gingival Depigmentation Procedure: A Comparative Study.

Supervisor: Dr. Vivek Bains

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

MDS Dissertation Submitted

Dr. Dhriti Gupta

Evaluation of effect of 660nm and 980 nm Diode Laser on the treatment of Dentinal Hypersensitivity: A Comparative Study.

Supervisor: Dr. Chetan Chandra

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

Dr. Pratibha Pathak

To evaluate the impact of diode laser photoactivated curcumin on proliferation of experimentally induced diabetes and periodontitis fibroblast cell line- An in vitro study.

Supervisor: Dr. Vivek Bains

Co-Supervisors: Dr. Chetan Chandra, Dr. Ruchi Srivastava, Dr.A.B. Pant, Dr. Sunakshi Soi

MDS Degree Awarded

Dr. Stuti Rai

Assessing knowledge, attitude and practice about interrelationship between Diabetes and Periodontal Disease among diabetic & non-diabetic population: A cross sectional survey.

Supervisor: Dr. Vivek Bains

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

Dr. Utkarsh Singh

Assessing knowledge, attitude and practices of oral health care providers regarding dental implant maintenance protocol: A survey-based study.

Supervisor: Dr. Chetan Chandra

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

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) Editor, Asian Journal of Oral Health & Allied Sciences Fellowship in LASER Dentistry by World Clinical Laser Institute (WCLI)
Col.(Dr.) Anil Jha	Member, Indian Society of Periodontology Member, Indian Dental Association Member, Indian Laser Society
Dr. Chetan Chandra	Member, Indian Society of Periodontology Fellow, International Congress of Oral Implantology
Dr. Ruchi Srivastava	Member, Indian Society of Periodontology Member, Indian Dental Association 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 Fellowship in LASER Dentistry by World Clinical Laser Institute (WCLI)
Dr. Sunakshi Soi	Member, Indian Society of Periodontology

Seminars/Conferences/Workshops organized

S.No.	Date	Program Organized
1.	20-05-23	Workshop on ' Soft Skill Development ' organized by Department of Periodontology, SDC&H Lucknow. Speakers- Dr. Rhythm, Professor, Department of Conservative Dentistry & Endodontics, KGMU, Lucknow. Dr. Rameshwari Singhal, Professor, Department of Periodontology, KGMU, Lucknow .

2.	01-08-23	Oral Hygiene Day celebration with Poster competition for BSM School of Nursing students on the topic: “Be Proud of Your Mouth for Your Happiness and Well-Being” and lectures for Nursing students on the topics: “Oral Health Care in Female patients” delivered by Col.(Dr.) Anil Jha and on “Oral & Systemic Diseases” by Dr. Ruchi Srivastava.
3.	03-08-23 to 01-09-23	Integrated Teaching Program on “Oral Implantology” organized by Department of Periodontology, SDC&H Lucknow.
4.	17-08-23	CDE with Hands-on on “Soft Tissue Grafting: A Periodontal Enigma” Organized by the Dept. of Periodontology, SDC Lucknow Speaker- Lt. Col. (Dr.) Saravanan SP , Associate Professor, Army Dental Centre (R&R) New Delhi, India.
5.	20-09-23	FDP on ‘Proposal Writing for procuring Research Grants’ was organized by the Dept. of Periodontology, SDC&H Lucknow.
6.	26-09-23	‘All India Dental Quiz’ was organized by the Dept. of Periodontology in collaboration with IDA Student Wing, SDC & H, Lucknow.
7.	04-01-24	CDE Program on "Dentistry Across Seven Seas" was organized by the Dept. of Periodontology, SDC&H Lucknow. Speaker- Dr. Vishal Panchi.
8.	10-01-24 to 12-01-24	Integrated Lecture Series on “Laser Dentistry” organized by Department of Periodontology, SDC&H Lucknow.
9.	23-02-24	National Periodontist Day was organized by the Dept. of Periodontology, SDC&H Lucknow.
10.	9-03-24	International Womens’ Day was organized by the Dept. of Periodontology, SDC&H Lucknow.
11.	20-03-24	World Oral Health Day was organized by the Dept. of Periodontology, SDC&H Lucknow.

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

A. Faculty-

S. No.	Recharging programs	Participating faculty
1.	Attended 21st ISP PG Convention at Mangalore on 31st March - 2nd April 2023.	Dr. Vivek Bains
2.	Attended Workshop on ‘Soft Skill Development’ organized by Dept of Periodontology, SDC&H Lucknow on 20th May 2023.	Dr. Vivek Bains Dr. Sunakshi Soi
3.	Attended ‘Oral Hygiene Day’ organized by Dept of Periodontology, SDC&H Lucknow on 1st Aug 2023.	Dr. Vivek Bains Col.(Dr) Anil Jha Dr. Chetan Chandra Dr. Ruchi Srivastava Dr. Sunakshi Soi
4.	Attended Integrated Teaching Program on “Oral Implantology” organized by Department of Periodontology, SDC&H Lucknow from 3rd Aug 2023 to 1st Sep 2023.	Dr. Vivek Bains Col.(Dr) Anil Jha Dr. Chetan Chandra Dr. Ruchi Srivastava
5.	Attended CDE programme on “Soft Tissue Grafting: A Periodontal Enigma” organized by Department of Periodontology, SDC&H Lucknow on 17th Aug 2023.	Dr. Vivek Bains Col.(Dr) Anil Jha Dr. Chetan Chandra Dr. Ruchi Srivastava
6.	Attended UPDS at Indira Gandhi Pratisthan, Lucknow on 2nd & 3rd Sep 2023.	Dr. Chetan Chandra

7.	Attended FDP on ' Leadership ' organised by IQAC SDC&H, Lucknow on 8th Sep 2023 .	Dr. Vivek Bains Col.(Dr) Anil Jha Dr. Chetan Chandra Dr. Ruchi Srivastava
8.	Attended FDP on ' Effective Communication ' organised by IQAC SDC&H, Lucknow on 15th Sep 2023 .	Dr. Vivek Bains Col.(Dr) Anil Jha Dr. Chetan Chandra Dr. Ruchi Srivastava
9.	Attended FDP on 'Proposal Writing for procuring Research Grants' organized by the Dept. of Periodontology, SDC&H, Lucknow on 20th Sep 2023 .	Dr. Vivek Bains
10.	Attended FDP on ' Decision Making ' organised by IQAC SDC&H, Lucknow on 22nd Sep 2023 .	Dr. Vivek Bains Col.(Dr) Anil Jha Dr. Chetan Chandra Dr. Ruchi Srivastava
11.	Attended FDP on ' Stress Management ' organised by IQAC SDC&H, Lucknow on 29th Sep 2023 .	Dr. Vivek Bains Col.(Dr) Anil Jha Dr. Chetan Chandra Dr. Ruchi Srivastava
12.	Attended 47th ISP National Conference at Amritsar on 1 st - 3 rd Dec 2023.	Dr. Vivek Bains
13.	Attended a CDE Program on "Dentistry Across Seven Seas" organized by the Dept. of Periodontology, SDC&H Lucknow on 4 th Jan 2024. Speaker- Dr. Vishal Panchi .	Dr. Vivek Kumar Bains Col.(Dr) Anil Jha Dr. Chetan Chandra
14.	Attended Integrated Lecture Series on " Laser Dentistry " organized by Department of Periodontology, SDC&H Lucknow from 10th Jan to 12th Jan 2024 .	Dr. Vivek Kumar Bains Col.(Dr) Anil Jha Dr. Chetan Chandra Dr. Ruchi Srivastava Dr. Sunakshi Soi
15.	Attended "National Periodontist Day" celebrations organized by Department of Periodontology, SDC&H Lucknow on 23rd Feb 2024 .	Dr. Vivek Kumar Bains Col.(Dr) Anil Jha Dr. Chetan Chandra Dr. Ruchi Srivastava Dr. Sunakshi Soi
16.	Participated in 'International Women's Day' organized by Department of Periodontology, SDC&H Lucknow on 7th March 2024 .	Dr. Vivek Kumar Bains Col.(Dr) Anil Jha Dr. Chetan Chandra Dr. Ruchi Srivastava Dr. Sunakshi Soi
17.	Participated in 'World Oral Health Day' organized by Department of Periodontology, SDC&H Lucknow on 20th March 2024 .	Dr. Vivek Kumar Bains Col.(Dr) Anil Jha Dr. Chetan Chandra

	Dr. Ruchi Srivastava Dr. Sunakshi Soi
--	--

B. Students-

Attended 21st ISP National PG Convention , held at A.B Shetty Memorial Institute of Dental Sciences, Mangalore, from 31st March to 2nd April 2023.	Dr. Dhriti Gupta Dr. Pratibha Pathak Dr. Shruti Singh Dr. Anisha Singh
Attended Workshop on ' Soft Skill Development. ' Speakers- Dr. Rhythm, Professor, Department of Conservative Dentistry & Endodontics, KGMU Lucknow & Dr. Rameshwari Singhal, Professor, Department of Periodontology, KGMU Lucknow, held on 20-05-23.	Dr. Stuti Rai Dr. Utkarsh Singh Dr. Dhriti Gupta Dr. Pratibha Pathak Dr. Shruti Singh Dr. Anisha Singh
Attended Oral Hygiene Day organized by Department of Periodontology, SDC&H Lucknow, on 01-08-23.	Dr. Stuti Rai Dr. Utkarsh Singh Dr. Dhriti Gupta Dr. Pratibha Pathak Dr. Shruti Singh Dr. Anisha Singh
Attended Integrated Teaching Program on " Oral Implantology " organized by Department of Periodontology, SDC&H Lucknow, from 03.08.23 to 01.09.23.	Dr. Dhriti Gupta Dr. Pratibha Pathak Dr. Shruti Singh Dr. Anisha Singh
Attended CDE with Hands-on on "Soft Tissue Grafting: A Periodontal Enigma" organized by the Dept. of Periodontology, SDC&H Lucknow, on 17.8.23. Speaker- Lt. Col. (Dr.) Saravanan SP , Associate Professor, Army Dental Centre (R&R) New Delhi, India.	Dr. Dhriti Gupta Dr. Pratibha Pathak Dr. Shruti Singh Dr. Anisha Singh
Attended BLS programme organised in Saraswati Dental College & Hospital, Lucknow, on 30th October 2023.	Dr. Deepali Pandey Dr. Chhama Verma
Attended 47th ISP National PG Conference held at Guru Nanak Dev University, Amritsar, from 1st December 2023 to 3rd December 2023.	Dr. Dhriti Gupta Dr. Pratibha Pathak Dr. Shruti Singh Dr. Anisha Singh
Attended CDE Program on "Dentistry Across Seven Seas" was organized by the Dept. of Periodontology, SDC&H Lucknow, on 04.01.24 Speaker- Dr. Vishal Panchi.	Dr. Dhriti Gupta Dr. Pratibha Pathak Dr. Shruti Singh Dr. Anisha Singh Dr. Deepali Pandey Dr. Chhama Verma
Attended Integrated Lecture Series on " Laser Dentistry " organized by Department of Periodontology, SDC&H Lucknow from 10.1.24 to 12.01.24.	Dr. Dhriti Gupta Dr. Pratibha Pathak Dr. Shruti Singh Dr. Anisha Singh Dr. Deepali Pandey

	Dr. Chhama Verma
Attended National Periodontist Day organized by the Dept. of Periodontology, SDC&H Lucknow, on 23.02.24.	Dr. Dhriti Gupta Dr. Shruti Singh Dr. Anisha Singh Dr. Deepali Pandey Dr. Chhama Verma
Attended International Womens' Day organized by the Dept. of Periodontology, SDC&H Lucknow, on 07.03.24.	Dr. Dhriti Gupta Dr. Shruti Singh Dr. Anisha Singh Dr. Deepali Pandey Dr. Chhama Verma
Attended World Oral Health Day organized by the Dept. of Periodontology, SDC&H Lucknow, on 20.03.24.	Dr. Dhriti Gupta Dr. Shruti Singh Dr. Anisha Singh Dr. Deepali Pandey Dr. Chhama Verma

Honours, Awards & Special Attainments-

A. Faculty

S. No.	Awards and Recognitions	Participating faculty
1.	Chaired a scientific session at 21st ISP PG Convention at Mangalore on 31 st March - 2 nd April 2023.	Dr. Vivek Bains
2.	Winner at Alumni Vs Students' Cricket match organised at Alumni Sports Week on 15 th April 2023 at SDC&H Lucknow	Dr. Chetan Chandra
3.	Organising Committee Members at ' Soft Skill Development program ' organized by Dept of Periodontology, SDC&H Lucknow on 20 th May 2023.	Dr. Vivek Bains Dr. Sunakshi Soi
4.	Recognized as speakers on ' Oral Hygiene Day ' organized by Dept of Periodontology, SDC&H Lucknow on 1 st Aug 2023.	Col.(Dr) Anil Jha Dr. Ruchi Srivastava
5.	Recognized as a speaker at Integrated Teaching Program on " Oral Implantology " organized by Dept of Periodontology, SDC&H Lucknow from 19 th Jul 2023- 12 th Aug 2023.	Dr. Vivek Bains Col.(Dr) Anil Jha Dr. Chetan Chandra Dr. Ruchi Srivastava
6.	Organising Committee Members at CDE programme on " Soft Tissue Grafting: A Periodontal Enigma " organized by Department of Periodontology, SDC&H Lucknow on 17 th Aug 2023.	Dr. Vivek Bains Col.(Dr) Anil Jha Dr. Chetan Chandra Dr. Ruchi Srivastava Dr. Akanksha Dubey
7.	Organising Committee Members at " All India Dental Quiz-2023 " organized by Department of Periodontology, SDC&H Lucknow on 26 th Sep 2023.	Dr. Vivek Bains Dr. Ruchi Srivastava
8.	Organising Committee Members at FDP on " Proposal Writing for procuring Research Grants " organized by Department of Periodontology, SDC&H Lucknow on 20 th Sep 2023.	Dr. Vivek Bains
9.	Keynote Speaker on the title – " Patient Safety in Dental Practice " at CMDC Lucknow on 6 th – 7 th Oct 2023.	Col.(Dr) Anil Jha
10.	Judge in scientific paper presentation in " Contemporary Periodontal Practices " at Army Dental Centre (R&R), Delhi on 14 th Oct 2023.	Col.(Dr) Anil Jha
11.	Chaired & Moderated a Guest Lecture at CDE on " Periodontics:	Col.(Dr) Anil Jha

	The Pedestal of Dentistry” at Army Dental Centre (R&R), Delhi on 14 th Oct 2023.	
12.	Chaired a Scientific Session at 47th ISP National Conference at Amritsar on 1 st - 3 rd Dec 2023.	Dr. Vivek Bains
13.	Presented a Scientific Paper on “Evaluation of Inflammatory markers & growth factors” at 47 th ISP National Conference at Amritsar on 1 st - 3 rd Dec 2023.	Dr. Vivek Bains
14.	Secured 2 nd Position in ‘Poster Making Competition’ at Silver Jubilee Celebrations on 1 st Dec 2023 at SDC&H Lucknow	Dr. Vivek Bains
15.	Secured 3 rd Position in ‘Ad-Mad Show’ at Silver Jubilee Celebrations on 7 th Dec 2023 at SDC&H Lucknow	Dr. Sunakshi Soi
16.	Secured 1 st Position in ‘Miniature Art Competition’ at Silver Jubilee Celebrations on 16 th Dec 2023 at SDC&H Lucknow	Dr. Ruchi Srivastava
17.	Recognized as a speaker at Integrated Teaching Program on “Laser Dentistry” organized by Dept of Periodontology, SDC&H Lucknow from 10 th Jan 2024- 12 th Jan 2024.	Dr. Vivek Bains
18.	Organising Committee Members at Integrated Teaching Program on “Laser Dentistry” organized by Dept of Periodontology, SDC&H Lucknow from 10 th Jan 2024- 12 th Jan 2024.	Dr. Vivek Bains Col.(Dr) Anil Jha Dr. Chetan Chandra Dr. Ruchi Srivastava Dr. Sunakshi Soi
19.	Received ‘SDC - Senior Research Award’ during ‘Protsahan Diwas’ Republic Day Celebration at SDC&H on 26 th Jan 2024.	Dr. Vivek Bains
20.	Organising Committee Members at “National Periodontist Day” organized by Department of Periodontology, SDC&H Lucknow on 23 rd Feb 2024.	Dr. Vivek Bains Col.(Dr) Anil Jha Dr. Chetan Chandra Dr. Ruchi Srivastava Dr. Sunakshi Soi
21.	Recognized as speaker on “International Women’s Day” organized by Department of Periodontology, in collaboration with ISP & IWC at BSM School of Nursing, SDC&H Lucknow on 26 th Mar 2024.	Col.(Dr) Anil Jha
22.	Organising Committee Members at “International Women’s Day” organized by Department of Periodontology, in collaboration with ISP & IWC at BSM School of Nursing, SDC&H Lucknow on 7 th Mar 2024.	Dr. Vivek Bains Col.(Dr) Anil Jha Dr. Chetan Chandra Dr. Ruchi Srivastava Dr. Sunakshi Soi
23.	Organising Committee Members at “World Oral Health Day” organized by Department of Periodontology, SDC&H Lucknow on 20 th Mar 2024.	Dr. Vivek Bains Col.(Dr) Anil Jha Dr. Chetan Chandra Dr. Ruchi Srivastava Dr. Sunakshi Soi

B. Students-

Awards and Recognitions	Participating Student
Presented paper on the topic- “A conservative approach to gingival depigmentation - A Case report” at 21st ISP National PG Convention, held at A.B Shetty Memorial Institute of Dental Sciences, Mangalore, from 31st March to 2nd April 2023.	Dr. Dhriti Gupta
Presented paper on the topic- “Curcumin: From A Molecular Structure To A Phtosenstizer” at 21st ISP National PG Convention, held at A.B Shetty Memorial Institute of Dental Sciences, Mangalore, from 31st March to 2nd April 2023.	Dr. Pratibha Pathak
Presented poster on the topic- “An approach to Non surgical Gingival	Dr. Shruti Singh

Depigmentation using ascorbic acid” at 21st ISP National PG Convention, held at A.B Shetty Memorial Institute of Dental Sciences, Mangalore, from 31st March to 2nd April 2023.	
Presented poster on the topic- “Nutrigenomics: A New Gateway To Periodontal Health” at 21st ISP National PG Convention, held at A.B Shetty Memorial Institute of Dental Sciences, Mangalore, from 31st March to 2nd April 2023.	Dr. Anisha Singh
Participated in BLS programme, organised in Saraswati Dental College & Hospital on 30th October 2023.	Dr.Chhama Verma Dr.Deepali Pandey
Presented poster on topic- “Laser Assisted Gingival Depigmentation at two different wavelengths: A Comparitive Study" at 47th ISP National PG Conference held at Guru Nanak Dev University, Amritsar, from 1st December 2023 to 3rd December 2023.	Dr. Shruti Singh
Presented poster on topic- “Injectable Platelet Rich Fibrin and Triclosan coated sutures hasten healing." at 47th ISP National PG Conference held at Guru Nanak Dev University, Amritsar, from 1st December 2023 to 3rd December 2023.	Dr. Anisha Singh





Department of Prosthodontics and Crown & Bridge

Annual Report (2023-24)



The Staff.

Professors:

Dr. Devendra Chopra, M.D.S. (H.O.D.)

- Faculty Affiliate Royal College Of Surgeon, Ireland (UK)
- Fellow Pierre Fauchard Academy (FPFA).
- Life Member, Indian Prosthodontic Society.
- Annual Member, Indian Dental Association.
- Member International Congress of Oral Implantology (ICOI), USA.
- Member of Dentist Channel Online.
- Member of European Bioner Academy.
- Reviewer In The Journal Of Orofacial Research.
- Reviewer In The Indian Journal Of Dental Sciences.
- Reviewer In The International Journal Of Contemporary Medical Research.
- Reviewer In The Asian Journal Of Oral Health Sciences (AJOHAS).



Dr. Abhishek Gaur M.D.S.

Readers:

Dr. Himanshi Aggarwal, M.D.S.

Dr. Sumit Kumar Misra, M.D.S.

Dr. Ashutosh Gupta, M.D.S.

Senior Lecturers:

Dr. Vijay Yadav, M.D.S.

Dr. Varun Sachan, M.D.S.

Dr. Taruna Patel, M.D.S.

Dr. Richa Singh, M.D.S.

Dr. Harshvardhan Sinha, M.D.S.

Dr. Pratibha Yadav, M.D.S.

Dr. Krishna Priyadarshini, M.D.S.

Lecturer:

Dr. Ritika Sharma, B.D.S

Dr. Shivam Subhash Chitley, B.D.S.

Dr. Hira Hussain, B.D.S.

Dr. Iccha Sharma, B.D.S.

Dr. Akriti Srivastava, 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 since 2017. 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
- Rehabilitative prosthodontics.
- Oral implants.
- Geriatric oral health.

Ongoing research projects during the year

Faculty

Principal Investigator:

Dissertation of MDS students

A. Ongoing

Rishika Yadav

Supervisor: Dr. Abhishek Gaur

Thesis: Comparison Of Occlusal Vertical Dimension With The Length Of Fingers In Dentate Patients: An Anthropometric Study On Lucknow Population.

Prakriti Srivastava

Supervisor: Dr. Devendra Chopra

Thesis: Comparartive Evaluation of Fracture Resistance and Surface Roughness Of Provisional Crowns Fabricated Using Four Different Techniques: An Invitro Study

Priya Mishra

Supervisor: Dr. Devendra Chopra

Thesis: Comparative Evaluation of Cytokine levels In Gingival crevicular Fluid After Using Different Gingival Retraction Methods: An In-vivo Study

Shantanu Saksena

Supervisor: Dr. Sumit Kumar Misra

Thesis: Effect Of Repeated Firing And Different Surface Treatments On Shear Bond Strength Between Zirconia Core And Veneering Ceramic: An Invitro Study

Saumya Nagar

Supervisor: Dr. Abhishek Gaur

Thesis: Comparative Analysis Of Three Different Luting Agents On The Retention Of Cement Retained Implant Crowns: An Invitro Study

Itishree Pradhan

Supervisor: Dr. Sumit Kumar Misra

Thesis: Comparison Of Mechanical Properties Of Polymethyl Methacrylate Complete Denture By Incorporation Of Recommended Additives, CAD CAM And 3D Printable Complete Denture: A Finite Element Analysis

B. Dissertation submitted

Saurabh Nandgaonkar

Supervisor: Dr. Sumit kumar Misra

Thesis: Comparative evaluation of antifungal efficacy of polyherbal extract & fluconazole on heat polymerized acrylic resin: An in vitro study

Liyngbeni Lotha

Supervisor: Dr. Devendra Chopra

Thesis: Patient's denture assessment tool (hindi version) & speech intelligibility evaluation in experienced and non-experienced denture wearers after complete denture treatment

Ankita kumara Khandualo

Supervisor: Dr. Sumit Kumar Misra

Thesis: Time dependent effect of oral hygiene protocols on microbial load in edentulous patients before & after complete denture treatment

Sakshi Sahni

Supervisor: Dr. Abhishek Gaur

Thesis: Comparative evaluation of cellular response of polyether ether ketone (peek) and conventional acrylic resin material on human oral epithelial cells and oral fibroblasts: an in vitro study

Vishal Srivastava

Supervisor: Dr. Devendra Chopra

Thesis: Assessment of obstructive sleep apnea using multi-sensor smart watch and polysomnography- A comparative study

Nikhil Kumar Sharma

Supervisor: Dr. Abhishek Gaur

Thesis: Assessment of a possible correlation between delayed diagnosis and severity of obstructive sleep apnea

C. MDS Degree awarded

Asmita Ghosh

Supervisor: Dr. Devendra Chopra

Thesis: Patient Knowledge and expectation and constraints prior to receiving implant supported restorationship an institutional set up: A cross sectional survey

Chhavi Sharma

Supervisor: Dr. Arvind Tripathi

Thesis: Challenges faced by caregivers in seeking treatment for cleft lip and palate patients: A hospital based survey

Mona Tiwari

Supervisor: Dr. Arvind Tripathi

Thesis: Barriers in the patients of Obstructive Sleep Apnea

Sneha Sinha

Supervisor: Dr. Arvind Tripathi

Thesis: Effect of Ocimum Sanctum (linn) on bone healing

Srijani Dey

Supervisor: Dr. Ravi Dwivedi

Thesis - Effect of Addition of Zirconium oxide to denture base resins on adhesion of Candida Albicans

Susmita Roy

Supervisor: Dr. Ravi Dwivedi

Thesis: Comparative Evaluation of dimensional Stability of various Dental gypsum materials in different gypsum condition

Membership of Scientific Societies, Committees etc.

Faculty Name

Scientific Society

Dr. Devendra Chopra

Faculty Affiliate Royal College Of Surgeon, Ireland (UK).

Fellow Pierre Fauchard Academy (FPFA).

Life Member, Indian Prosthodontic Society.

Annual Member, Indian Dental Association.

Member International Congress of Oral Implantology (ICOI), USA.

Member of Dentist Channel Online.

Member of European Bioner Academy.

Reviewer In The Journal Of Orofacial Research.

Reviewer In The Indian Journal Of Dental Sciences.

Reviewer In The International Journal Of Contemporary Medical Research.

Reviewer In The Asian Journal Of Oral Health Sciences (AJOHAS).

Dr. Ravi Dwivedi

Life Member, Indian Prosthodontic Society

Annual Member, Indian Dental Association

Member, Indian society of Prostho Restorative Perio (ISPRP)

Dr. Abhishek Gaur	Life Member, Indian Prosthodontic Society Annual Member, Indian Dental Association Reviewer In The Asian Journal Of Oral Health Sciences (AJOHAS). Reviewer In The Journal Of Global Oral Health.
Dr. Sumit Kumar Misra	Life Member, Indian Prosthodontic Society Annual Member, Indian Dental Association Reviewer In The Journal Of Prosthetic Dentistry Reviewer In The Journal Of Dental Health, Oral Disorders & Therapy Editorial Board Member In EC Dental Science Journal (U.K)
Dr. Ashutosh Gupta	Annual Member, Indian Prosthodontic Society Life Member, Indian Dental Association Member Editorial Board Annals of Dental Sciences.
Dr. Vijay Yadav	Life Member, Indian Prosthodontic Society Annual Member, Indian Dental Association
Dr. Taruna Patel	Life Member, Indian Prosthodontic Society Annual Member, Indian Dental Association
Dr. Richa Singh	Life Member, Indian Prosthodontic Society Annual Member, Indian Dental Association
Dr. Varun Sachan	Life Member, Indian Prosthodontic Society Annual Member, Indian Dental Association

Dr. Harshvardhan Sinha	Life Member, Indian Prosthodontic Society Annual Member, Indian Dental Association
Dr. Pratibha Yadav	Student Member, Indian Prosthodontic Society
Dr. Krishna Priyadarshini	Student Member, Indian Prosthodontic Society
Dr. Ritika Sharma	Life Member, Indian Dental Association Fellow in International Congress of Implantology.
Dr. Iccha Sharma	Annual Member, Indian Dental Association
Dr. Mohd. Waqar	Annual Member, Indian Dental Association
Dr. Hira Hussain	Annual Member, Indian Dental Association
Dr. Shivam Chitley	Annual Member, Indian Dental Association
Dr. Akriti Srivastava	Student Member, Indian Dental Association

Faculty Invited to Deliver Guest Lectures

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

S. No.	DATE	NAME OF PRESENTER	TOPIC	ATTENDEES
				FACULTY
1.	29 th February,20 24	King George's Medical University, UP, Lucknow	International workshop on maxillofacial prosthodontics.	Dr. Devendra Chopra
2.	7 th December,2 023	51st Indian Prosthodontic Society Conference.	Prosthodontist scientific paper titled robotic implant surgery system- A scoping review.	Dr. Devendra Chopra
3.	12 th September,2 023	Department Of Anatomy Saraswati Dental College And Hospital, Lucknow	CDE points on participation of workshop.	Dr. Sumit Kumar Misra
4.	12 th September,2 023	Department Of Anatomy Saraswati Dental College And Hospital, Lucknow	CDE points on participation of workshop.	Dr. Abhishek Gaur
5.	23 rd July,2023	Dr. Abhay Lamba	Achieving excellence in implantology.	Dr. Abhishek Gaur
5.	30 th November,2 023	Journal Of Prosthetic Dentistry	Reviewing of articles.	Dr. Sumit Kumar Misra
6.	28 th July,2023	IPS UP State Branch	Implant prosthetic components: complications and management.	Dr. Anant Agarwal
7.	26 th August,2023	IPS UP State Branch	TMJ Disorders.	Dr. Anant Agarwal
8.	23 rd January,202 4	King George's Medical University, UP, Lucknow	Pterygoid implants in severely resorbed maxillary ridge.	Dr. Anant Agarwal
9.	27 th January,202 4	Indian Prosthodontic Society	Basics in writing.	Dr. Anant Agarwal

10 .	27 th March,2024	Indian Dental Association.	Fundamentals in digital dentistry.	Dr. Anant Agarwal
11 .	12 th September,2 023	Department Of Anatomy Saraswati Dental College And Hospital, Lucknow	CDE points on participation of workshop.	Dr. Pratibha Yadav

FACULTY AWARDS

S.No.	Year	Name of the teachers who received awards	Title of the award	State level awards	National level awards	International level Awards	Name of the agency/agencies that awarded.
1.	2024	Dr. Devendra Chopra	Rising star of health education-2024		√		Heights Of Success Magazine.
2.	2024	Dr. Devendra Chopra	Fellow, Pierre Fauchard Academy.			√	Pierre Fauchard Academy.
3.	2023	Dr. Devendra Chopra	Asian Excellence Of The Year (ASIA'S BEST DOCTOR-2023)			√	MTTV INDIA.
4.	2023	Dr. Abhishek Gaur	Session Best Paper In Prosthodontic Paper Presentation.		√		Indian Prosthodontic Society Conference.
5.	2023	Dr. Krishna Priyadarshini	2 nd Best Paper Presentation As A Delegate	√			IPS UP State.
P.G. STUDENTS		ATTENDED					
		Vishal Srivastava Sakshi Sahni Liyngbeni Lotha Rishika Yadav Saumya Nagar Shantanu Saksena Prakriti Srivastava Itishree Pradhan Priya Mishra	1st IPS UP State Conference held on April, 2023 at King George's Medical University, UP, Lucknow				
		Sakshi Sahni Liyngbeni Lotha Nikhil Kumar Sharma Ankita Kumari Khandualo Priya Mishra Prakriti Srivastava Shantanu Saksena Abhinoy Paul Heena Bharti Sanya Sushmita Verma Sharmistha Jaiswal	26th IPS PG Convention held on April, 2024 at Saveetha Dental College, chennai.				

Shashi Bala	
Rishika Yadav Saumya Nagar Prakriti Srivastava Itishree Pradhan Priya Mishra	International Workshop On Maxillofacial Prosthodontics.
Vishal Srivastava Liyngbeni Lotha Saurabh Nandgaonkar Rishika Yadav Saumya Nagar Itishree Pradhan	51ST Indian Prosthodontic Society Conference held on December,2023 at Goa.
Saurabh Nandgaonkar Liyngbeni Lotha Shantanu Saksena Prakriti Srivastava Priya Mishra	25th IPS PG Convention held on June, 2023 at Hyderabad.

Department of Public Health Dentistry

Annual Report (2023 - 24)

The Staff

Reader & Head

Dr. Pallavi Singh, M.D.S.

Senior Lecturers

Dr Ipshita Potlia, M.D.S

Dr Anam Siddique M.D.S

Lecturer

Dr Akanksha Dubey

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

- Reached to Unreached
- School Dental Health Program
- Epidemiological studies
- Preventive Diseases
- Oral Health and Hygiene
- Biostatistics and Dental Ethics

Membership of Scientific Societies, Committees etc.Faculty NameScientific Society

Dr. Pallavi Singh

Life Member, Indian Association of Public Health Dentistry
Member, Indian Dental Association, Red Cross Society, Member of
APADENTO, Member of Health and Intellectual Property Right.

Dr Ipshita Potlia

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

Honors and Recognition received by Faculty-**Dr Pallavi Singh**

- Appreciation for organizing camp in Union Bank of India on 20-11-23.
- Appreciation for organizing camp in Birla Open Minds School on 30-11-23.
- Appreciation for organizing camp in Shri Ram Swaroop Memorial University on 18-10-23.
- Certificate of Appreciation from Scholars Home School on 27-10-23.
- Certificate of Appreciation from Rotary District 3120 on 18-2-24.
- Certificate of Appreciation for delivering a lecture on Biostatistics from 10-1-24 to 6-3-24.
- Certificate of Appreciation for delivering a lecture on Dental Ethics & Medical Jurisprudence from 18-10-23 to 3-1-24.
- Outstanding Dentist of the Year from Denta Mitra Healthcare in February 2024.
- Commendation certificate from Atraswasti Foundation in March 2024.

Camps organized

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 76 camps were organized where patients were examined as detailed below:

S.NO.	Name of Extension Activity	Date	Organizing unit/Agency/ Collaborating Agency
1.	Diagnostic & Educational Camp	5-4-23	SDC in collaboration with Awan Educational Academy
2.	Diagnostic & Educational Camp	8-4-23	SDC in collaboration with Village Semra
3.	Diagnostic & Treatment Camp	12-4-23	SDC in collaboration with Village Saraymihi
4.	Diagnostic & Treatment Camp	19-4-23	SDC in collaboration with IIIT
5.	Diagnostic & Educational Camp	21-4-23	SDC in collaboration with Village Khaspariya
6.	Diagnostic & Educational Camp	27-4-23	SDC in collaboration with School Shri Lal Saheb Academy
7.	Diagnostic & Educational Camp	6.5.23	SDC in collaboration with Coca Cola Factory
8.	Diagnostic & Educational Camp	10.5.23	SDC in collaboration with Slum Area Badshahnagar
9.	Diagnostic & Treatment Camp	11.5.23	SDC in collaboration with Village Madiakon
10.	Diagnostic & Treatment Camp	17.5.23	SDC in collaboration with Village Papnamau
11.	Diagnostic & Treatment	20.5.23	SDC in collaboration with Village sarthara

	Camp		
12.	Diagnostic & Treatment Camp	25.5.23	SDC in collaboration with Village Madaion
13.	Diagnostic & Educational Camp	31.5.23	SDC in collaboration with Village Hasemau
14.	Diagnostic & Educational Camp	2.6.23	SDC in collaboration with Village Daniyalpur
15.	Diagnostic & Treatment Camp	3.6.23	SDC in collaboration with Rolex Apartment
16.	Diagnostic & Treatment Camp	7.6.23	SDC in collaboration with Village Uttardhauna
17.	Diagnostic & Educational Camp	15.6.23	SDC in collaboration with Village Saraymihi
18.	Diagnostic & Educational Camp	7.7.23	SDC in collaboration with Radiomirchi Station
19.	Diagnostic & Educational Camp	11.7.23	SDC in collaboration with School SRMS
20.	Diagnostic & Treatment Camp	17.7.23	SDC in collaboration with Village Papnamu
21.	Diagnostic & Treatment Camp	18.7.23	SDC in collaboration with Village Sarthara
22.	Diagnostic & Treatment Camp	22.7.23	SDC in collaboration with Omega Apartment
23.	Diagnostic & Educational Camp	27.7.23	SDC in collaboration with Diamond Public School
24.	Diagnostic & Educational Camp	1.8.23	SDC in collaboration with CMS School
25.	Diagnostic & Educational Camp	2.8.23	SDC in collaboration with CMS School
26.	Diagnostic & Educational Camp	7.8.23	SDC in collaboration with CMS School (Faizabad Road)
27.	Diagnostic & Educational Camp	17.8.23	SDC in collaboration with CMS School (Faizabad Road)
28.	Diagnostic & Educational Camp	21.8.23	SDC in collaboration with CMS School (Faizabad Road)
29.	Diagnostic & Educational Camp	29.8.23	SDC in collaboration with CMS School (Station Road)
30.	Diagnostic & Educational Camp	2.9.23	SDC in collaboration with CMS School (Station Road)
31.	Diagnostic & Educational Camp	13.9.23	SDC in collaboration with Buhera Vridha Ashram
32.	Diagnostic & Treatment Camp	14.9.23	SDC in collaboration with Village Madaion
33.	Diagnostic & Educational Camp	24.9.23	SDC in collaboration with Inner Wheel
34.	Diagnostic & Educational Camp	26.9.23	SDC in collaboration with Shri Ram Global School
35.	Diagnostic & Educational Camp	27.9.23	SDC in collaboration with Shri Ram Global School
36.	Diagnostic & Treatment Camp	29.9.23	SDC in collaboration with Village Madaion
37.	Diagnostic & Educational Camp	30.9.23	SDC in collaboration with Birla Open Mind School
38.	Diagnostic & Educational Camp	5.10.23	SDC in collaboration with Village Hasemau
39.	Diagnostic & Treatment	6-10-23	SDC in collaboration with Village Sarthara

	Camp		
40.	Diagnostic & Educational Camp	14.10.23	SDC in collaboration with SDM Inter College
41.	Diagnostic & Treatment Camp	18.10.23	SDC in collaboration with SRMU
42.	Diagnostic & Educational Camp	27.10.23	SDC in collaboration with Scholars Home School
43.	Diagnostic & Educational Camp	28.10.23	SDC in collaboration with Scholars Home School
44.	Diagnostic & Treatment Camp	4.11.23	SDC in collaboration with Village Juggaur
45.	Diagnostic & Treatment Camp	6.11.23	SDC in collaboration with Village Anaura
46.	Diagnostic & Educational Camp	8.11.23	SDC in collaboration with Village Dhawa
47.	Diagnostic & Educational Camp	20.11.23	SDC in collaboration with Central Ware House Corporation
48.	Diagnostic & Educational Camp	29.11.23	SDC in collaboration with Village Kewari
49.	Diagnostic & Treatment Camp	7.12.23	SDC in collaboration with Village Naubasta
50.	Diagnostic & Educational Camp	14.12.23	SDC in collaboration with Children Future Public School
51.	Diagnostic & Treatment Camp	17.12.23	SDC in collaboration with PNT Ground Rajajipuram
52.	Diagnostic & Treatment Camp	18.12.23	SDC in collaboration with PNT Ground Rajajipuram
53.	Diagnostic & Educational Camp	20.12.23	SDC in collaboration with Slum Area Matiyari
54.	Diagnostic & Treatment Camp	4.1.24	SDC in collaboration with Village Sandauli
55.	Diagnostic & Educational Camp	12.1.24	SDC in collaboration with Village Lalpurwa
56.	Diagnostic & Educational Camp	13.1.24	SDC in collaboration with Village Gurupurwa
57.	Diagnostic & Educational Camp	27.1.24	SDC in collaboration with Village Daniyalpur
58.	Diagnostic & Educational Camp	16.2.24	SDC in collaboration with Future Public School
59.	Diagnostic & Treatment Camp	18.2.24	SDC in collaboration with Village Badagaon
60.	Diagnostic & Treatment Camp	22.2.24	SDC in collaboration with Village Papnamau
61.	Diagnostic & Educational Camp	23.2.24	SDC in collaboration with Times of India
62.	Diagnostic & Educational Camp	26.2.24	SDC in collaboration with Jedux Parenteral Co.
63.	Diagnostic & Educational Camp	27.2.24	SDC in collaboration with Lucknow Golf Club
64.	Diagnostic & Educational Camp	28.2.24	SDC in collaboration with Lucknow Golf Club
65.	Diagnostic & Educational Camp	29.2.24	SDC in collaboration with Lucknow Golf Club
66.	Diagnostic & Educational Camp	1.3.24	SDC in collaboration with Lucknow Golf Club
67.	Diagnostic & Educational	2.3.24	SDC in collaboration with Lucknow Golf Club

	Camp		
68.	Diagnostic & Educational Camp	4.3.24	SDC in collaboration with Lucknow Golf Club
69.	Diagnostic & Educational Camp	5.3.24	SDC in collaboration with Lucknow Golf Club
70.	Diagnostic & Educational Camp	6.3.24	SDC in collaboration with Lucknow Golf Club
71.	Diagnostic & Educational Camp	7.3.24	SDC in collaboration with Lucknow Golf Club
72.	Diagnostic & Educational Camp	8.3.24	SDC in collaboration with Lucknow Golf Club
73.	Diagnostic & Educational Camp	9.3.24	SDC in collaboration with Lucknow Golf Club
74.	Diagnostic & Educational Camp	10.3.24	SDC in collaboration with Lucknow Golf Club
75.	Diagnostic & Educational Camp	14.3.24	SDC in collaboration with Shri Lal Saheb School
76.	Diagnostic & Educational Camp	16.3.24	SDC in collaboration with Atraswasti Rehabilitation Centre

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 COLEGE

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 COLEGE

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 Sarthara	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
23	Village Dhawa	13-11-19
24	Village Uttardhauna	13-11-19

DAYS CELEBRATED

2023-24	World Health Day	7-4-2023
2023-24	World No Tobacco Day	31-5-2023

2023-24	World Environment Day	5-6-2023
2023-24	World Hepatitis Day	28-7-2023
2023-24	Oral Hygiene Day	1-8-2023
2023-24	Daan Utsav	5-10-23
2023-24	World AIDS Day	7-12-23

UNNAT BHARAT ABHIYAN

Our Institute in collaboration with Department of Public Health Dentistry is registered in Unnat Bharat Abhiyan under AISHE code of the institute C-49744 dated 13-11- 2019. The list of adopted villages is as under:
Uttardhauna

Sarthara

Dhawa

Juggaur

Pappnamau

An analysis of pattern of disease prevalence and incidence of commonly occurring dental problems and unmet treatment needs provides the basis for measures to improve oral health care in a state of Uttar Pradesh amongst the rural population of India.

Plan of Action for the listed villages are:

- To analyze dental needs of community to determine the strategy for making favorable lifestyle especially rural population in India.
- To suggest and monitor modifications in the lifestyle of this target group belonging to the local community, schools and other groups on preventive oral health care services.
- To organize oral health awareness camps in villages, schools, Panchayat Bhawan, etc.
- To celebrate and spread awareness about various days of international importance in adopted villages.
- To spread awareness about dental diseases and its effects on general health.
- To spread awareness about the harmful effects of tobacco.
- To distribute toothpastes, toothbrushes, tongue cleaners and a pamphlets regarding oral hygiene instruction in remote areas to improve the oral hygiene.
- To provide education at individual, group or mass level. To empower the people to adopt good oral hygiene practices in Rural India.

- To provide comprehensive and preventive services in rural population at their doorsteps through the use of mobile dental van.
- To spread awareness in elderly population and school children regarding basic sanitation.
- To explain the ill-effects of tobacco in villages by positive re-inforcement technique like Nukkad Nataks, skits, drama, plays, etc.

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

Faculty

Dr Pallavi Singh

Conference Attended

- 27th National Conference Indian Association of Public Health Dentistry from 1-3 December 23.

Courses Undertaken

- Head & Neck Cancer Contouring Workshop on 12th and 13th August 23.





Section II Contd.

Departmental Achievements

B. Basic Sciences

Department of Anatomy

The Staff

Professor

Dr. A K Srivastava, Ph.D.,Head of the Department



Senior Lecturer

Mr.Amit Yadav, M.Sc.Medical
Anatomy

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, 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

- Anthropometrical Factors
- Anatomical Sciences

Ongoing research projects

Faculty projects

-

Dissertation of M.D.S. students

A. Ongoing

-

B. Dissertation submitted

-

B. M.D.S. Degree awarded

-

Faculty Invited to Deliver Guest Lectures

-

Seminars/Conferences/Workshops organized

Webinar: Temporomandibular joint: Revisits to Clinical Anatomy, Saraswati Dental College, Lucknow, U.P. 15th June 2020.

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

CME: Assessment in competency based education, Saraswati Dental College, Lucknow, Uttar Pradesh, Dated: 21/9/23.

CME: Ethical Principles of Medical and Dental Practices, Lucknow, Uttar Pradesh, Dated: 21/9/23

CME: The Future of Dental Education In India, Saraswati Dental College, Dated: 21/9/23

Dr. Prateek Mansingh

Basic Life Support training by American Heart Association

Honours,Awards & Special Attainments Dr. A.K.

Srivastava

1. Best Teacher AwardbyHuman Rights Association of India.
2. Certificate of Commitment–Central Vigilance Commission,New Delhi.
3. Corona Warrior by Manavadhikar Parivar. Uttar Pradesh State Human Rights Commission (Recognized by Government of India)
4. Chair person of Scientific session in International Virtual Anatomical Conference,KGMU, Lucknow U.P. From 20th-22nd February 2021.
5. Attendee of a CME program on the topic_‘Artificial Intelligence’,AIIMS Bilaspur.

Dr.Prateek Mansingh

Certificate of Commitment–Central Vigilance Commission,NewDelhi



Department of Biochemistry

**The Staff**

Professor

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

Lecturers

Dr.Ashwani Tiwari

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 pre cancer ouslesions
- Endocrinology

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

Webinar: The Indian Context of Food Safety, Saraswati Dental College, Lucknow, U.P. 2nd June 2020.

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

Lecture: Vitamin D status of Biochemistry by Dr Arvind Srivastava, Saraswati Dental College, Lucknow, 24th of August, 2023

Honours, Awards & Special Attainments

1. External Expert for Institutional Biosafety Committee, Amity University, Uttar Pradesh. Lucknow Campus



Department of General Pathology & Microbiology

The Staff

Emeritus Professor

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

Reader

Mrs. Shailja Srivastava, M.Sc. Medical Microbiology

Senior Lecturer

Dr. Abishek Jaiswal, M.D. & M.Sc. Medical Microbiology
(Pursuing Ph.D in Medical Microbiology)**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, MacConkey'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. Dissertationsubmitted
- C. M.D.S.Degreeawarded

MembershipofScientificSocietiesand Committees

<u>Name</u>	<u>ScientificSociety</u>
Dr.Asha Mathur	Fellow,Indian National Science Academy(1990)
	Fellow,Indian Academy of Sciences,Bangalore(1993) Fellow, National Academy of Sciences, Allahabad (1989), Felllow, National Academy of Medical Sciences (India) (1992)
	Fellow, Academy of Sciences for the Developing World,Italy (TWAS) (2001)
	Fellow of Royal College of Pathologists(FRCPath),London Member, Sectional Committee, Indian National Science Academy (INSA), New Delhi, 2012-2015
	Member, ICMR Influenza Task Force for review of the project entitled_‘Multi siteepidemiological and virologicalm onitoring 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, February12014.

Faculty Invited to Deliver Guest Lectures

-

Papers published:

-

Seminars/Conferences/Workshopsorganized

-

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

Dr Shailja Srivastava completed Training Program on the topic of Implementation of NABH5th edition Standards for Hospital, conducted by NABH.

Honours, Awards & Special Attainments Dr. Asha

Mathur

1. ReviewerforDr.D.S.KothariPostdoctoralFellowshipSchemeofthe UniversityGrants Commission.
2. AttendedCSIRFoundationDayProgramasaguestofHonourSeptember26,2019atCSIR- NBRI, Lucknow.



 Department of Pharmacology
The Staff

Professors

Dr.K S Dixit, Head of Department

Reader

Dr.Gautam Palit

Lecturer

Dr.Sankalp Sankrityayan

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 gumpaints, 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.

Research thrust areas

- Pharmacology

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

Name

Dr.Gautam Palit

1. Member of Institutional Ethics Committee, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow
2. Member of Institutional Ethics Committee, Vivekananda Polyclinic and Institute of Medical Sciences, Lucknow
3. External Expert Advisor, Pharmacovigilance Committee, Dr.R.M.L.Institute of Medical Sciences, Lucknow
4. Recognition of Saraswati Dental College (Department of Pharmacology) as Adverse Drug Reactions Monitoring Centre under PvIP.

Faculty Invited to Deliver Guest Lectures

-

Papers published:

-

Seminars/Conferences/Workshops organized

-

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

Lecture-A Guest lecture on the topic _Competent Budding Dental Surgeons–A Rational Approach_, by Dr Rakesh Kumar Dixit, 24th of August, 2023, Saraswati Dental College, Lucknow, Uttar Pradesh.

Lecture–A Guest Lecture on the topic _ABC of Emergency Drugs For Dental Surgeons_ by Dr Rakesh Kumar Dixit, 27th November, 2023, Saraswati Dental College, Lucknow, Uttar Pradesh,

Honors, Awards & Special Attainments

-



-

Department of Physiology

**The Staff**

Professors

Dr. K. L. Dange, Head of Department

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 specialization of the students.

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, practical's, demonstrations and assignments on the following aspects:

- General pharmacology
- Drugs acting on autonomous & central nervous systems
- Cardio vascular, respiratory, gastrointestinal, endocrinal & renal pharmacology
- Anti microbial agents & Pharma co therapy 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.

Research thrust areas

- Physiology

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

-

Faculty Invited to Deliver Guest Lectures

-

Papers published:

-

Seminars/Conferences/Workshops organized

-

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

-

Honors, Awards & Special Attainments



SECTION III

CDEs, Conferences, Workshops, Lectures and Webinars Organized

Ninth (9th) Continuing Dental Education Program



on Soft Tissue Grafting: A Periodontal Enigma



Organized by
Department of Periodontology

On 17th August 2023

ORGANIZING COMMITTEE

Chief Patron	Mrs. Madhu Mathur, Chairperson, SDC
Patron	Dr. Rajat Mathur, President, SDC
Co-Patrons	Mrs. Smita Mathur, Director, SHRC
	Mr. Charit Mathur, Director – Finance, SDC
	Mrs. Ritu Mathur, Director, HRD

Chief Advisor

Dr. K. N. Dubey, Principal

Advisors

Dr. R. M. Mathur	Dr. Pradyumna Misra	Col. (Dr.) Anil Jha
Dr. Ragni Tandon	Dr. Kunal Sah	Dr. Mona Sharma
Dr. Jitendra Arora	Dr. Sunira Chandra	Dr. Amitabh Srivastava
Dr. Devendra Chopra	Dr. Nand Lal	Dr. Sanjay Gupta

CDE Convener

Dr. Saumya Navit

Dr. Vivek Bains	Dr. Chetan Chandra	Dr. Ruchi Srivastava
Organizing Chairman	Organizing Secretary	Scientific Chairperson
Dr. Sunakshi Soi	Dr. Anam Siddiqui	Dr. Akanksha Dubey
Convener Registration	Co-Convener Registration	Treasurer

PG Coordinators

Dr. Dhriti Gupta, Dr. Pratibha Pathak
Dr. Anisha Singh, Dr. Shruti Singh



INVITATION

Continuing Dental Education Program
on

Clinical Implications of Fluoride in Dentistry

Organized by
Department of Public Health Dentistry
in collaboration with
Department of Pediatric Dentistry
Under the Aegis of
Department of Continuing Dental Education
Saraswati Dental College & Hospital, Lucknow
Date: 22nd November 2023 (Wednesday)



ORGANIZING COMMITTEE

Chief Patron: Mrs. Madhu Mathur, Chairperson, SDC&H
Patron: Dr. Rajat Mathur, President, SDC&H
Co-Patrons: Mrs. Smita Mathur, Director, SHRC
Mr. Charit Mathur, Director-Finance, SDC&H
Mrs. Ritu Mathur, Director, HRD
Chief Advisor: Dr. K.N. Dubey
CDE Convener: Dr. Saumya Navit

ADVISORS

Dr. R.M. Mathur
Dr. Kunal Sah
Dr. Alka Yadu
Dr. Vinay Gupta
Dr. Ragni Tandon

Dr. Pradyumna Misra
Dr. Sunira Chandra
Dr. Shitanshu Malhotra
Dr. Pooja M. Sinha
Dr. Jitender Aurora

Dr. Vivek Bains
Dr. A.K. Srivastava
Dr. Sugandha Agarwal
Dr. Devendra Chopra
Dr. Anuradha P

Organizing Chairman: Dr. Pallavi Singh
Scientific Conveners: Dr. Suleman A. Khan, Dr. Meenakshi
Upadhyay, Dr. Seema Jabeen, Dr. Shaifali
Agarwal, Dr. Akanksha Dubey

- Saraswati Dental College Lucknow



ORGANIZED BY

Organised by Saraswati Dental College & Hospital in collaboration With Department of Anatomy.
Saraswati Dental College & Hospital Tiwariganj Lucknow (U.P)

SARASWATI

Dental College and Hospital

Registrations from Aug 21st, 2023

Program date : 27th September 2023

On Occasion of Silver Jubilee Celebration

1ST

SDC•AS•CME/CDE

*Accreditation MCI/DCI- 3 Points
Medical, Dental Education & Workshop Program

Contact Us For More Info

8081146314, 8874091569,
9140192606, 9919881134

📍 Saraswati Dental College & Hospital, Lucknow

✉️ anatomysociety2023@gmail.com

SARASWATI DENTAL COLLEGE ANATOMICAL SOCIETY





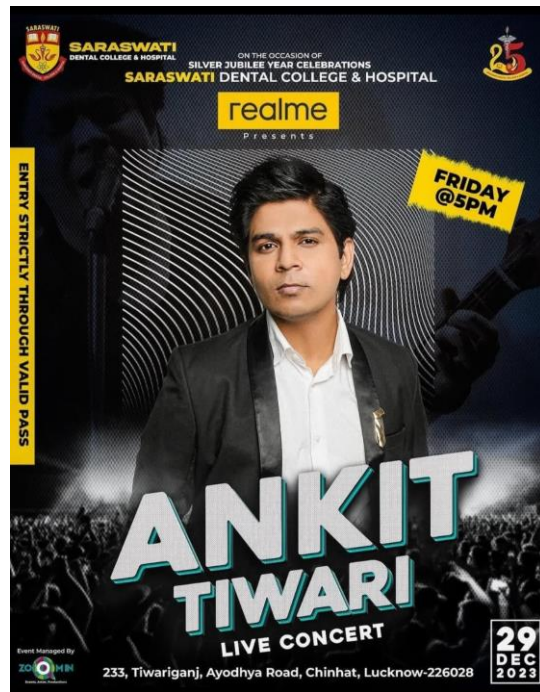
Major Events Organised

College Week Celebration





Live Concert by Mr. Ankit Tiwari on the Occasion of Silver Jubilee of SDC&H



College Toppers: M.D.S.

1st-Dr.Sujeet Shriram Pal(Speciality: Pedodontics) Marks Obtained: 478/600

1st-Dr.MonikaSingh (Speciality : Pedodontics) Marks Obtained:478/600

2nd-Dr.Harshal Gaidhane (Speciality : Pedodontics) Marks Obtained: 474/600

3rd-Dr.FatimaRasheedKhan(Speciality:OralMedicine&Radiology) MarksObtained:459/600

College Toppers: B.D.S.

4thYear (**Batch2018-19**)-Mr. Saksham Kohli Marks Obtained: 1273/1600

3rdYear (**Batch2019-20**)-Mr. Shivansh Porwal Marks Obtained: 478/600

2nd Year(**Batch2020-21**)-Mr. Sahil Agarwal Marks Obtained:633/800

1stYear(**Batch2021-22**)-Ms. Mahak Tulshyian Marks Obtained: 464/600

Saraswati Houses**College Captain** - Ms. Mansi Bisht**HOUSES CAPTAINS**

Raman	Chawla	Tagore	Krishnan
Ms. Ananya Singh	Mr. Rashi Singh	Ms. Rahul Rathaur	Mr. Utkarsh Tiwari

COMMITTEE

Literary	Sports	Cultural	Stage Management
-----------------	---------------	-----------------	-------------------------

SECRETARIES

Mr. Ramswaroop Patel	Mr. Akshat Tiwari	Ms. Devansh Singh	Ms. Anisha Ali
Ms Deepanshu Chaudhary	Ms. Muskan Srivastava	Ms. Mahima Jain	



Saraswati Dental College & Hospital 233,
Tiwari Ganj, Ayodhya Road, Lucknow

Revenue & Expenditure of Funds

Period: 01 April 2023–31 March 2024

A. Source of Funds	<u>Rupees in Lacs</u>
Govt. Departments	: Nil
Industries	: Nil
Foreign	: Nil
Grant-in-Aid	: 0.38
Institutional Income generated	: 2266.46
Total	: 2266.84

B. Expenditure of Funds	<u>Rupees in Lacs</u>
Institutional expenditure	: 1929.60
Research & Development	: 174.95
Corpus Fund	: 162.30
Total	: 2266.84

*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.



SARASWATI DENTAL COLLEGE & HOSPITAL
233, Tiwari Ganj, Ayodhya Marg, P.O. Juggour (via Chinhath), Lucknow - 226028 (U.P.)

Acknowledgement

We thank the Management, Heads of the various Departments, Teaching Faculty Members, Non-Teaching Staff and UG, PG Students for providing necessary input for inclusion in this Annual Report.

Prof.(Dr.) K. N. Dubey

Principal, SDG&H
Principal
Saraswati Dental College & Hospital
Lucknow



SARASWATI DENTAL COLLEGE

Affiliated to Dr. Ram Manohar Lohia Avadh University, Ayodhya.

**233, Tiwariganj, Ayodhya Road, P. O. Juggour Via Chinhat,
Lucknow, UttarPradesh – 226028**

Tel:+915226560975-76-78-79,Fax:+915223071005

Email:contactsdc@saraswaticolleges.com Website:<https://www.sdcindia.ac.in/>

