

VIII. FACULTY OF MEDICAL SCIENCES

DR. HARVANSH SINGH JUDGE INSTITUTE OF DENTAL SCIENCES AND INSTITUTE

ABOUT THE INSTITUTE

The Institute was established in view of an imminent need for providing a public funded quality oral health care set up to impart dental education and open avenues for research in the field of Oral Health. Hence, under the aegis of Panjab University, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital was established in April, 2006. The Institute is duly approved by Dental Council of India/Ministry of Health & Family Welfare, Govt. of India. The Institute aims at providing excellent oral health care facilities to the general public in addition to undergraduate and postgraduate training to students. It has the ability to generate ample research avenues in dental/medical sciences which can have a far reaching impact on not only oral but general health with special thrust on community healthcare and outreach programmes especially for the children and the underserved population. The Institute was rated as "Top Dental College" in the region in a survey by "The Tribune". Institute was also ranked 5th in the country with regard to National Assessment and Accreditation Council as per list released by Dental Council of India. In 2020, the institute ranked 23rd in the country in a survey conducted by India Today. In 2023, the institute ranked 34th in the country by National Institutional Ranking Framework.

This Institute encompasses a total of 18 departments (9 dental and 9 medical) with 8 clinical and 11 pre-clinical and para-clinical laboratories. The Institute is attending to 350-400 patients on daily basis in various specialty clinics. A fully equipped diagnostic lab is functional at the Institute which is carrying out bio-chemical, histopathological and micro-biological investigations. The academic courses being offered in this Institute are Bachelors of Dental Surgery and Masters in Dental Surgery. BDS is a four year course followed by one year compulsory paid rotatory internship with intake of 100 students. MDS is a three years course presently admitting 17 students in six specialties, students enrolled for MDS course are also offered stipend on monthly basis for three years. Our faculty members have been keenly involved in conducting research in various clinical and basic sciences. The major focus area of this Institution is to provide good and affordable dental treatment in various specialties to the general public, carry out clinical research including surveys, diagnostics & randomized controlled clinical trials, conduct outreach programs to enhance oral health awareness to the underserved population for the benefit of the masses and to provide clinical and didactic training as part of undergraduate teaching curriculum. The general ailments in patients from adjoining areas are also being attended to by faculty in the medical and surgical OPD. Dental Institute also conducts camps in various schools of Chandigarh and adjoining rural roads.

Institute has a well-equipped library having approximately 3521 books of all medical & dental specialties. Institute also caters to research needs of faculty and students having latest journals in all fields.

The Institute faculty is involved in various clinical & basic sciences research projects. The Institute is working in collaboration with many prestigious Institute like PGIMER Chandigarh, GMCH-32, Chandigarh CSIR-CSIO, IMTECH. The Dental Institute has been granted research funding by Govt. agencies like DST, UGC, SERB, ICMR, IUSSTF to carry out research. The Institute participated in cutting edge technology research by being a spoke to Design Innovation Centre (DIC) a project by UGC. The publication profile of the faculty of the Institute is amongst the best in the country amongst dental faculty with publications in high impact factor National and International journals.

A well-equipped centre has been setup at Palsora in collaboration with Govt. Medical College & Hospital, Sector 32, Chandigarh. Faculty and Interns are posted to cater the needs of the people of the area. Patients who need further investigation or treatment are referred to the Dental Institute where they are directly treated for their ailments.

The Institute carried out and Covid-19 Pandemic vaccination drive. Covishield, vaccine was administered. Interns & Paramedics were trained under the guidance of GMSS Hospital, Sector 16, Chandigarh.

The Institute strives to provide selfless service to mankind to alleviate the oral sufferings of the masses, contribute to the society by generating dental workforce for the future and working on key research areas with focus on futuristic treatment modalities.

FACULTY

Designation	Name	Field of Research Specialization
Principal-cum-Professor Professors (Regular)	Deepak Kumar Gupta	Orthodontics & Dentofacial Orthopedics
	Ashish Jain	Periodontology
Professor (Temporary) Associate Professors (Regular)	Jagat Bhushan	Conservative Dentistry & Endodontics
	Hemant Batra	Oral & Maxillofacial Surgery
	Shefali Singla	Prosthodontics and Crown & Bridge
	Shally Gupta	Oral and Maxillofacial Pathology and Oral Microbiology
	Abha Bajaj nee Sheth	General Anatomy
	Anubha Gulati	Oral and Maxillofacial Pathology and Oral Microbiology
	Arun Kumar Garg	Orthodontics & Dentofacial Orthopedics
	Divya Mahajan	General Anatomy
	Kitty Sidhu	Conservative Dentistry & Endodontics
	Komal Sehgal	Prosthodontics and Crown & Bridge
	Manjula Mehta	Microbiology
	Rajesh Kumar Joshi	Conservative Dentistry & Endodontics
	Savita Prashar	Biochemistry
Associate Professors (Temporary)	Sukant Garg	General Pathology
	Urvashi Sharma	Pediatric & Preventive Dentistry
	Vinay Kapur	General Medicine
	Ikreet Singh Bal (on lien)	Public Health Dentistry
	Lalit Kumar (on lien)	Prosthodontics and Crown & Bridge
	M.K. Chhabra	Pharmacology
	Maninder Pal Singh	General Surgery
	Neeraj Sharma	Oral Medicine & Radiology

Assistant Professors (Regular)	Vandana Chhabra	Oral & Maxillofacial Surgery
	Vishakha Grover	Periodontology
	A.P.S. Sandhu	Oral & Maxillofacial Surgery
	Amandeep S. Uppal	Conservative Dentistry & Endodontics
	Archana Agnihotri	Pediatric & Preventive Dentistry
	Harveen Kaur	Oral Medicine & Radiology
	Jyoti Gupta	Periodontology
	Jyoti Sharma	Microbiology
	Kavita Sekhri	Pharmacology
	Leena Verma	Pediatric & Preventive Dentistry
	Litesh Singla	Orthodontics & Dentofacial Orthopedics
	Mili Gupta	Biochemistry
	Namrata C. Gill	Pediatric & Preventive Dentistry
	Nandini Bhaskar	Periodontology
	Pradip Singh	Oral & Maxillofacial Surgery
	Rakhi Aulakh	General Pathology
	Ruchika	Pharmacology
	Sharique Rehan	Prosthodontics and Crown & Bridge
	Shaveta Sood	Periodontology
	Sidhi Passi	Pediatric & Preventive Dentistry
Assistant Professors (Temporary)	Sonia Bhardwaj	Microbiology
	Sujata Upadhyay	Physiology
	Sukhwinder Singh	General Medicine
	Suruchi Aditya	Pharmacology
	Swaty Jhamb	Conservative Dentistry & Endodontics
	Virender Kumar	Prosthodontics and Crown & Bridge
	Amandeep Kaur	Conservative Dentistry & Endodontics
	Amrita Rawla	Conservative Dentistry & Endodontics
	Gurprakash Singh	Periodontology
	Manjot Kaur	Conservative Dentistry & Endodontics
	Monika Nagpal	Prosthodontics and Crown & Bridge
	Neha Bansal	Oral Medicine & Radiology
	Poonam Sood	Public Health Dentistry
	Prabhjot Cheema	General Anatomy
	Prabhjot Kaur	Public Health Dentistry
	Puneet	Prosthodontics and Crown & Bridge
	Rajdeep Brar	Oral Medicine & Radiology
	Rajeev Rattan	Oral Medicine & Radiology
	Rajni Jain	Prosthodontics and Crown & Bridge
	Rose Kanwaljeet Kaur	Periodontology
Rosy Arora	Pediatric & Preventive Dentistry	
Ruchi Singla	Conservative Dentistry & Endodontics	
Sunint Singh	Prosthodontics and Crown & Bridge	
Vandana Gupta	Oral and Maxillofacial Pathology and Oral Microbiology	
Vivek Kapoor	Conservative Dentistry & Endodontics	
Dental Surgeon (Regular)	Preeti Kang	Oral Medicine & Radiology
Demonstrators (Temporary)	Anupam Vijayvergia	General Pathology
	Harkirat Sethi	Oral & Maxillofacial Surgery
	Ravi Kant Sharma	Biochemistry

COURSES OFFERED (ANNUAL SYSTEM):

Course	Seats	Duration	Eligibility	Admission Criteria
Bachelor of Dental Surgery (BDS)	85 # +15 NRI* # (Gen-53, Gen PwD-3, SC-11, SC PwD-01, ST-06, BC-4, Jaj-02 & CP-05)	5 years	Passed +2 (Medical Stream)	Based on National Eligibility-cum-Entrance Test-UG
Master of Dental Surgery (MDS)	1. Conservative Dentistry & Endodontics	3	BDS Degree from a recognized Dental College	Based on National Eligibility-cum-Entrance Test-MDS i.e. NEET-MDS.
	2. Oral & Maxillofacial Surgery	2		
	3. Orthodontics & Dentofacial Orthopedics	3		
	4. Prosthodontics and Crown & Bridge	3		
	5. Periodontology	3		
	6. Oral and Maxillofacial Pathology and Oral Microbiology	3		
*NEET required for Admission in NRI category				

TITLE OF SYLLABI: Detailed syllabi available at <http://www.dciindia.org.in>

B.D.S.

1 st year	2 nd year
Anatomy, Human Physiology, Biochemistry, Dental Anatomy and Oral Histology	Dental Material, General Pharmacology, General Pathology, General Microbiology, Pre-Clinical Prosthodontics, Pre-Clinical Conservative Dentistry
3 rd year	4 th year
General Medicine, General Surgery, Oral Pathology	Oral Medicine and Radiology, Oral Surgery, Prosthodontics, Periodontics, Conservative Dentistry, Pedodontics, Orthodontics, Public Health Dentistry
5th year --- One year Compulsory paid Rotatory Internship	

M.D.S.

1. CONSERVATIVE DENTISTRY AND ENDODONTICS	2. ORAL & MAXILLOFACIAL SURGERY
Part-I To be conducted at the end of 1st year Paper-I Applied Basis Sciences : Applied Anatomy, Physiology, Pathology including Oral Microbiology, Pharmacology, Biostatistics and Research Methodology and Applied Dental Materials.	Part-I to be conducted at the end of 1st year Paper-I: Applied Basic Sciences : Applied Anatomy, Physiology & Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics
Part-II To be conducted at the end of 3rd year Paper-I : Conservative Dentistry Paper-II : Endodontics Paper-III : Descriptive and analyzing type question	Part-II To be conducted at the end of 3rd year Paper-I : Minor Oral Surgery and Trauma Paper-II :Maxillo-facial surgery Paper-III : Descriptive and analyzing type question
3. ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS	4. PROSTHODONTICS AND CROWN & BRIDGE
Part I : To be conducted at the end of 1st year Paper-I: Applied Basic Sciences: Applied anatomy, Physiology, Dental Materials, Genetics, Pathology, Physical Anthropology, Applied Research methodology, Bio-Statistics and Applied Pharmacology Part-II: To be conducted at the end of 3rd year Paper-I: Orthodontics history, Concepts of occlusion and esthetics, Child and Adult Psychology, Etiology and classification of malocclusion, Dentofacial Anomalies, Diagnostic procedures and treatment planning in Orthodontics, Practice Management in Orthodontics Paper-II : Clinical Orthodontics Paper-III : Descriptive and analyzing type question	Part-I To be conducted at the end of 1st year Paper-I : Applied Basic Sciences : Applied anatomy, embryology, growth and development Genetics, Immunology, Anthropology, Physiology, Nutrition and Biochemistry, Pathology and Microbiology, virology, Applied Pharmacology, Research Methodology and bio statistics, Applied Dental, Anatomy and Histology, Oral pathology and Oral Microbiology, Adult and Geriatric Psychology, Applied dental materials. Part-II To be conducted at the end of 3rd year Paper-I : Removable Prosthodontics and Implant supported prosthesis (Implantology), Geriatric dentistry and Cranio facial Prosthodontics Paper-II : Fixed Prosthodontics, occlusion, TMJ and esthetics Paper-III : Descriptive and analyzing type question
5. PERIODONTOLOGY	6. ORAL AND MAXILLOFACIAL PATHOLOGY AND ORAL MICROBIOLOGY
Part-I to be conducted at the end of 1st year Paper-I: Applied Basic Sciences : Applied Anatomy, Physiology and Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics. Part-II To be conducted at the end of 3rd year Paper I : Normal Periodontal structure, Etiology and Pathogenesis of Periodontal diseases, epidemiology as related to Periodontics Paper II : Periodontal diagnosis, therapy and oral implantology Paper-III Descriptive and analyzing type question	Part I: To be conducted at the end of 1st year Paper-I: Applied Basic Sciences: Applied anatomy, Physiology (General and oral), Cell Biology, General Histology, Biochemistry, General Pathology, General and Systemic Microbiology, Virology, Mycology, Basic Immunology, Oral Biology (Oral and dental histology), Biostatistics and Research Methodology Part-II: To be conducted at the end of 3rd year Paper-I: Oral pathology, Oral Microbiology and Immunology and Forensic Odontology Paper-II: Laboratory techniques and Diagnosis and Oral Oncology Paper-III: Descriptive and analyzing type question

THRUST AREAS: Patient care, Outreach activities, Innovation & Research.