

## VIII. FACULTY OF MEDICAL SCIENCES

### DR. HARVANSI SINGH JUDGE INSTITUTE OF DENTAL SCIENCES AND INSTITUTE

#### ABOUT THE INSTITUTE

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, a Dental Sciences Institute & Hospital was essential. 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 23<sup>rd</sup> in the country in a survey conducted by India Today.

This Institute encompasses a total of 18 departments (9 dental and 9 medical) with 8 clinical and 11 pre-clinical and para-clinical laboratories. Within a short span, the Institute has been attending to 350-400 patients every day in various specialty clinics. A fully equipped diagnostic lab is functional at the Institute which is carrying out bio-chemical, histopathological and micro-biological tests. The academic courses being offered in this Institute is Bachelors of Dental Surgery and Masters in Dental Surgery. BDS is a four years 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 3700 books of all medical & dental specialities. Institute also caters to research needs of 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 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.

Covid-19 vaccination drive was carried out at the Institute. Covishield vaccination was administered. Interns & Paramedics were trained under the guidance of GMSS Hospital, Sector 16, Chandigarh. Walk in as well as online registration on the Cowin app was being followed for enrollment of the public.

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	Hemant Batra	Oral & Maxillofacial Surgery
	Ashish Jain	Periodontics
Associate Professors	Jagat Bhushan	Conservative Dentistry & Endodontics
	Shefali Singla	Prosthodontics
	Deepak Kumar Gupta	Orthodontics & Dentofacial Orthopedics
	Shally Gupta	Oral pathology
	Abha Sheth	General Anatomy
	Anubha Gulati	Oral Pathology
	Arun Kumar Garg	Orthodontics & Dentofacial Orthopedics
	Divya Mahajan	General Anatomy
	Ikreet Singh Bal	Community Dentistry
	Kitty Sidhu	Conservative Dentistry & Endodontics
	Komal Sehgal	Prosthodontics
	Lalit Kumar	Prosthodontics
	M.K. Chhabra	Pharmacology
	Maninder Pal Singh	General Surgery
	Manjula Mehta	Microbiology
	Neeraj Sharma	Oral Medicine & Radiology
	Rajesh Kumar Joshi	Conservative Dentistry & Endodontics
	Satya Narain	Oral & Maxillofacial Surgery
	Savita Prashar	Biochemistry
	Sukant Garg	General Pathology

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

**COURSES OFFERED (ANNUAL SYSTEM) :**

Course	Seats		Duration	Eligibility*	Admission Criteria
BDS	85+15 NRI* (Gen-49, SC-11, ST-5, BC-4, PwD-4, Jaj-2 & CP-10)		5 years	Passed +2 (medical Stream)	Based on National Eligibility-cum-Entrance Test-UG
MDS	Conservative & Endodontics	3	3 years	BDS Degree from a recognized Dental College	Based on National Eligibility-cum-Entrance Test-MDS.
	Oral & Maxillofacial Surgery	2			
	Orthodontics & Dentofacial Orthopedics	3			
	Prosthodontics & Crown & Bridge	3			
	Periodontology	3			
	Oral Pathology & 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 <sup>st</sup> year	2 <sup>nd</sup> 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 <sup>rd</sup> year	4 <sup>th</sup> year
General Medicine, General Surgery, Oral Pathology	Oral Medicine and Radiology, Oral Surgery, Prosthodontics, Periodontics, Conservative Dentistry, Pedodontics, Orthodontics, Public Health Dentistry
5 <sup>th</sup> year --- One year Compulsory paid Rotatory Internship	

**M.D.S.**

Conservative Dentistry and Endodontics	Prosthodontics and Crown & Bridge
<b>Part-I To be conducted at the end of 1<sup>st</sup> year</b> Paper-I Applied Basis Sciences : Applied Anatomy, Physiology, Pathology including Oral Microbiology, Pharmacology, Biostatistics and Research Methodology and Applied Dental Materials.	<b>Part-I To be conducted at the end of 1<sup>st</sup> year</b> 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.
<b>Part-II To be conducted at the end of 3<sup>rd</sup> year</b> Paper-I : Conservative Dentistry Paper-II : Endodontics Paper-III : Descriptive and analyzing type question	<b>Part-II To be conducted at the end of 3<sup>rd</sup> year</b> 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
PERIODONTOLOGY	ORAL & MAXILLOFACIAL SURGERY
<b>Part-I to be conducted at the end of 1<sup>st</sup> year</b> Paper-I: Applied Basic Sciences : Applied Anatomy, Physiology and Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics	<b>Part-I to be conducted at the end of 1<sup>st</sup> year</b> Paper-I: Applied Basic Sciences : Applied Anatomy, Physiology & Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics
<b>Part-II To be conducted at the end of 3<sup>rd</sup> year</b> 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	<b>Part-II To be conducted at the end of 3<sup>rd</sup> year</b> Paper-I : Minor Oral Surgery and Trauma Paper-II : Maxillo-facial surgery Paper-III : Descriptive and analyzing type question
ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS	ORAL AND MAXILLOFACIAL PATHOLOGY AND ORAL MICROBIOLOGY
<b>Part I : To be conducted at the end of 1<sup>st</sup> year</b> Paper-I: Applied Basic Sciences: Applied anatomy, Physiology, Dental Materials, Genetics, Pathology, Physical Anthropology, Applied Research methodology, Bio-Statistics and Applied Pharmacology <b>Part-II: To be conducted at the end of 3<sup>rd</sup> year</b> 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	<b>Part I : To be conducted at the end of 1<sup>st</sup> year</b> 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 <b>Part-II: To be conducted at the end of 3<sup>rd</sup> year</b> 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 in Research.