

## VIII. FACULTY OF MEDICAL SCIENCE

### DR. HARVANSH SINGH JUDGE INSTITUTE OF DENTAL SCIENCES AND HOSPITAL

#### ABOUT THE DEPARTMENT

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.

This Institute encompasses a total of 18 departments (9 dental and 9 medical) with 8 clinical and 11 pre-clinical and paraclinical laboratories. Within a short span the Institute has been attending to 350-400 patients everyday in the various specialty clinics. A fully equipped diagnostic lab is functional at the Institute which is carrying out bio-chemical, histopathological and micro-biological tests at the Institute itself. The academic courses being offered in this Institute are Bachelor of Dental Surgery and Masters in Dental Surgery. BDS is 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. Our faculty members have been keenly involved in conducting research in various clinical and basic sciences. The major focus areas 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.

Institute has a well-equipped library. 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 areas.

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, working on key research areas with focus on futuristic treatment modalities.

#### FACULTY

<b>Designation</b>	<b>Name</b>	<b>Area of Specialization</b>
<b>Principal-cum-Professor Professors</b>	Jagat Bhushan	Conservative Dentistry & Endodontics
	Ashish Jain	Periodontics
	Hemant Batra	Oral & Maxillofacial Surgery
	Shefali Singla	Prosthodontics
	Deepak Kumar Gupta	Orthodontics & Dentofacial Orthopedics
	Shally Gupta	Oral Pathology
<b>Associate Professors</b>	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

**Assistant Professors**

Komal Marwaha	Physiology
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
Ramandeep Saluja	Oral Pathology
Satya Narain	Oral & Maxillofacial Surgery
Savita Prashar	Biochemistry
Shipra Gupta	Periodontics
Sukant Garg	General Pathology
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	
Chahal	Periodontics
Harsimran Kaur	
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
Ruchi Vashisht	Conservative Dentistry & Endodontics
Ruchika	Pharmacology
Sharique Rehan	Prosthodontics
Shaweta Sood	Periodontics
Sidhi Passi	Pedodontics

<b>Dental Surgeon Demonstrators</b>	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
	Preeti Kang	Oral Medicine & Radiology
	Anupam Vijayvergia	General Pathology
Harkirat Sethi	Periodontics	
Ravi Kant Sharma	Biochemistry	

### COURSES OFFERED:

Course	Seats	Duration	Eligibility*	Admission Criteria
BDS	85+15 NRI*	5 years	Passed +2 (medical Stream)	Based on Neet
MDS	Conservative & Endodontics 3 Oral & Maxillofacial Surgery 2 Orthodontics & Dentofacial 3 Orthopedics Prosthodontics & Crown & Bridge 3 Periodontology 3 Oral Pathology & Microbiology 3	3 years	BDS Degree from a recognized Dental College	Based on Neet
*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
<b>5<sup>th</sup> year --- One year Compulsory paid Rotatory Internship</b>	

### M.D.S.

Conservative Dentistry and Endodontics	Prosthodontics and Crown & Bridge
<b>Part-I</b> To be conducted at the end of first year. Paper-I <b>Applied Basic Sciences:</b> Applied Anatomy, Physiology, Pathology including Oral Microbiology, Pharmacology, Biostatistics and Research Methodology and Applied Dental Materials. <b>Part-II</b> To be conducted at the end of third year.	<b>Part-I</b> To be conducted at the end of first year. Paper-I: <b>Applied Basic Sciences:</b> 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 & oral Microbiology, Adult and geriatric psychology. Applied dental materials.

<p>Paper-I : Conservative Dentistry  Paper-II : Endodontics  Paper-III : Descriptive and analysing type question</p>	<p><b>Part-II To be conducted at the end of third 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 analysing type question</p>
<b>PERIODONTOLOGY</b>	<b>ORAL &amp; MAXILLOFACIAL SURGERY</b>
<p><b>Part-I: To be conducted at the end of first year.</b>  Paper-I: <b>Applied Basic Sciences:</b> Applied Anatomy, Physiology, and Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics.  <b>Part-II To be conducted at the end of third 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 analysing type question</p>	<p><b>Part-I To be conducted at the end of first year.</b>  Paper-I: <b>Applied Basic Sciences:</b> Applied Anatomy, Physiology, &amp; Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics.  <b>Part- II: To be conducted at the end of third year.</b>  Paper-I : Minor Oral Surgery and Trauma  Paper-II : Maxillo-facial Surgery  Paper-III : Descriptive and analysing type question</p>
<b>ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS</b>	<b>ORAL AND MAXILLOFACIAL PATHOLOGY AND ORAL MICROBIOLOGY</b>
<p><b>Part-I: To be conducted at the end of first year.</b>  Paper-I: <b>Applied Basic Sciences:</b> 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 third year.</b>  Paper-I : Orthodontic 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 Orthodontic  Paper II : Clinical Orthodontics  Paper III : Descriptive and analysing type question</p>	<p><b>Part-I: To be conducted at the end of first year.</b>  Paper-I : <b>Applied Basic Sciences:</b> 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 third 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 analysing type question</p>

**THRUST AREAS:** Patient care, Outreach activities, Innovation in Research.