

VIII. FACULTY OF MEDICAL SCIENCES

DR. HARVANSI 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 2024, the institute ranked 27th in the country by National Institutional Ranking Framework (NIRF).

The 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 450-500 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 Bachelor of Dental Surgery (BDS) and Master in Dental Surgery (MDS). 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, diagnostic & 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 area.

Institute has a well-equipped library having approximately 3622 books of all medical & dental specialties. Institute also caters to research needs of faculty and students having latest journals in all fields.

The 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 and 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 is amongst the best in the country amongst dental faculty with publications in high impact factor National and International journals.

The Institute has collaborated with Government Medical College & Hospital (GMCH), Sector-32, Chandigarh and set up a well equipped centre at Palsora.

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

Principal-cum-Professor
Professors (Regular)

Name

Deepak Kumar Gupta
Ashish Jain
Jagat Bhushan
Hemant Batra
Shefali Singla
Abha Bajaj nee Sheth
Anubha Gulati

Field of Research Specialization

Orthodontics & Dentofacial Orthopedics
Periodontology
Conservative Dentistry & Endodontics
Oral & Maxillofacial Surgery
Prosthodontics and Crown & Bridge
General Anatomy
Oral and Maxillofacial Pathology and Oral Microbiology
General Anatomy
Conservative Dentistry & Endodontics
Prosthodontics and Crown & Bridge
Microbiology
Conservative Dentistry & Endodontics
Biochemistry
General Pathology
Pediatric & Preventive Dentistry
General Medicine
Oral and Maxillofacial Pathology and Oral Microbiology

Professor (Temporary)

Vinay Kapur
Shally Gupta

Associate Professors (Regular)

Amandeep Singh Uppal
Archana Agnihotri
Arun Kumar Garg
Jyoti Gupta
Jyoti Sharma
Kavita Sekhri
Leena Verma

Conservative Dentistry & Endodontics
Pediatric & Preventive Dentistry
Orthodontics & Dentofacial Orthopedics
Periodontology
General Microbiology
Pharmacology
Pediatric & Preventive Dentistry

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| | Litesh Singla | Orthodontics & Dentofacial Orthopedics |
| | Mili Bansal Nee Gupta | Biochemistry |
| | Namrata C. Gill | Pediatric & Preventive Dentistry |
| | Nandini Bhaskar | Periodontology |
| | Neeraj Sharma | Oral Medicine & Radiology |
| | Rakhi Aulakh | Pathology |
| | Ruchika Nandha | Pharmacology |
| | Sharique Rehan | Prosthodontics and Crown & Bridge |
| | Shaveta Sood | Periodontology |
| | Sidhi Passi | Pediatric & Preventive Dentistry |
| | Sonia B. Bhardwaj | Microbiology |
| | Sukhwinder Singh | General Medicine |
| | Suruchi Aditya | Pharmacology |
| | Swaty Jhamb | Conservative Dentistry & Endodontics |
| Associate Professors (Temporary) | Ikreet Singh Bal (on lien) | Public Health Dentistry |
| | Lalit Kumar (on lien) | Prosthodontics and Crown & Bridge |
| | Maninder Pal Singh (on lien) | General Surgery |
| | Vandana Chhabra | Oral & Maxillofacial Surgery |
| | Vishakha Grover | Periodontology |
| Senior Assistant Professor (Regular) | Ajinder Pal Singh Sandhu | Oral & Maxillofacial Surgery |
| | Sujata Upadhyay | Physiology |
| Senior Assistant Professor (Temporary) | Prabhjot Cheema | Anatomy |
| | Rosy Arora | Pedodontics |
| | Ruchi Singla | Conservative Dentistry & Endodontics |
| | Vivek Kapoor | Conservative Dentistry & Endodontics |
| Assistant Professors (Regular) | Harveen Kaur | Oral Medicine & Radiology |
| | Pradip Singh | Oral & Maxillofacial Surgery |
| | Virender Kumar | Prosthodontics and Crown & Bridge |
| Assistant Professors (Temporary) | Amandeep Kaur | Conservative Dentistry & Endodontics |
| | Amrita Rawla | Conservative Dentistry & Endodontics |
| | Gurprakash Singh Chahal | Periodontology |
| | Manjot Kaur | Conservative Dentistry & Endodontics |
| | Monika Nagpal | Prosthodontics and Crown & Bridge |
| | Neha Bansal | Oral Medicine & Radiology |
| | Poonam Sood | Public Health Dentistry |
| | 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 |
| | Sunint Singh | Prosthodontics and Crown & Bridge |
| | Vandana Gupta | Oral and Maxillofacial Surgery |
| 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 | 3 years | 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 |
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| Anatomy, Human Physiology, Biochemistry, Dental | Dental Material, General Pharmacology, General Pathology, |

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| Anatomy and Oral Histology | General Microbiology, Pre-Clinical Prosthodontics, Pre- Clinical Conservative Dentistry |
| 3rd year | 4th 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 |
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| 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.