

**LIST OF  
INTERDISCIPLINARY  
/INTERDEPARTMENTAL  
COURSES/TRAINING**

# YOGITA DENTAL COLLEGE AND HOSPITAL, KHED

## 1.2.1 List of Inter-Disciplinary/ Interdepartmental Course/ Training Across all the programmes offered by college during the year

PROGRAM NAME & CODE	COURSE NAME	INTERDEPARTMENTAL COURSE INTEGRATION	INTERDISCIPLINARY INTEGRATION
<b>MDS- Prosthodontics and Crown and Bridge</b> (Program Code- 500)	<ul style="list-style-type: none"> <li>• Applied Basic Sciences</li> <li>• Removable prosthodontics and implant supported prosthesis (Implantology)</li> <li>• Fixed Prosthodontics, occlusion, TMJ and esthetics</li> </ul>	<ul style="list-style-type: none"> <li>• Removable prosthodontics and implant supported prosthesis (Implantology)</li> <li>• Fixed Prosthodontics, occlusion, TMJ and esthetics</li> </ul>	<ul style="list-style-type: none"> <li>• Applied basic Sciences</li> <li>• Medical sciences</li> </ul>
<b>MDS- Conservative Dentistry and Endodontics</b> (Program Code- 501)	<ul style="list-style-type: none"> <li>• Applied Basic Sciences</li> <li>• Conservative Dentistry</li> <li>• Endodontics</li> </ul>	<ul style="list-style-type: none"> <li>• Conservative Dentistry</li> <li>• Endodontics</li> </ul>	<ul style="list-style-type: none"> <li>• Applied Basic Sciences</li> </ul>
<b>MDS- Periodontology</b> (Program Code- 503)	<ul style="list-style-type: none"> <li>• Applied basic Sciences</li> <li>• Etiology, and Pathogenesis of Periodontal Diseases</li> <li>• Periodontal diagnosis, therapy and Oral Implantology</li> </ul>	<ul style="list-style-type: none"> <li>• Etiology, and Pathogenesis of Periodontal Diseases</li> <li>• Periodontal diagnosis, therapy and Oral Implantology</li> </ul>	<ul style="list-style-type: none"> <li>• Applied Basic Sciences</li> </ul>
<b>MDS- Orthodontics and Dentofacial Orthopaedics</b> (Program Code- 506)	<ul style="list-style-type: none"> <li>• Applied Basic Sciences</li> <li>• Diagnosis and Treatment Planning</li> <li>• Clinical Orthodontics</li> </ul>	<ul style="list-style-type: none"> <li>• Diagnosis and Treatment Planning</li> <li>• Clinical Orthodontics</li> </ul>	<ul style="list-style-type: none"> <li>• Applied Basic Sciences</li> </ul>
<b>MDS – Pediatric and Preventive Dentistry</b> (Program code- 508)	<ul style="list-style-type: none"> <li>• Applied anatomy, physiology, pathology, microbiology, nutrition and diet</li> <li>• Clinical pediatric dentistry</li> <li>• Preventive and community dentistry as applied to pediatric dentistry</li> </ul>	<ul style="list-style-type: none"> <li>• Clinical pediatric dentistry</li> <li>• Preventive and community dentistry as applied to pediatric dentistry</li> </ul>	<ul style="list-style-type: none"> <li>• Applied Basic Science</li> <li>• Medical sciences</li> </ul>

PROGRAM NAME	COURSE NAME & CODE	INTERDEPARTMENTAL COURSE INTEGRATION	INTERDISCIPLINARY INTEGRATION
I BDS	General Anatomy including Embryology and Histology (02501)		Medical Sciences
	General Human Physiology and Biochemistry (02502)		Medical Sciences
	Dental Anatomy, Embryology and Oral Histology (02503)		Medical Sciences
II BDS	General Pathology & Microbiology (02601)		Medical Sciences
	General and Dental Pharmacology and therapeutics (02602)		Medical Sciences
	Dental Materials (02603)	Conservative Dentistry and Endodontics - 02806 Prosthodontics and crown and bridge- 02807	Metallurgy and Metal testing

PROGRAM NAME	COURSE NAME & CODE	INTERDEPARTMENTAL COURSE INTEGRATION	INTERDISCIPLINARY INTEGRATION
III BDS	General Medicine (02701)		Medical Sciences
	General Surgery (02702)		Medical Sciences
	Oral Pathology and Oral Microbiology (02703)	<ul style="list-style-type: none"> <li>• Oral Medicine and Radiology- 02804 (forensic odontology, OPMLs, cysts and tumors, developmental disorders, caries and pulpal diseases, salivary gland diseases, bone pathologies)</li> <li>• Oral and Maxillofacial Surgery- 02805 (cysts and tumors, bone pathologies, salivary gland diseases)</li> <li>• Conservative dentistry and endodontics 02806 (caries and pulpal diseases)</li> </ul>	Medical Sciences

PROGRAM NAME	COURSE NAME & CODE	INTERDEPARTMENTAL COURSE INTEGRATION	INTERDISCIPLINARY INTEGRATION
IV BDS	Public Health Dentistry (02801)		Public health Environmental studies Engineering sciences Finance Business management
	Periodontology (02802)	<ul style="list-style-type: none"> <li>• Orthodontics and Dentofacial Orthopaedics-02803 (occlusion)</li> <li>• Oral Medicine and Radiology-02804 (occlusion, TFO, periodontal diseases)</li> <li>• Oral and Maxillofacial Surgery-02805 (occlusion, periodontal surgeries, pre-prosthetic management)</li> <li>• Conservative Dentistry and Endodontics-02806 (endo-perio lesion)</li> <li>• Prosthodontics and Crown &amp; Bridge-02807 (occlusion)</li> </ul>	Medical Sciences Physical Sciences
	Orthodontics and Dentofacial Orthopaedics (02803)	<ul style="list-style-type: none"> <li>• Oral Medicine and Radiology-02804 (occlusion, TMJ disorders)</li> <li>• Oral and Maxillofacial Surgery-02805 (occlusion, TMJ disorders)</li> <li>• Prosthodontics and Crown &amp; Bridge-02807 (occlusion, TMJ disorders)</li> <li>• Paediatric and Preventive Dentistry-02808 (occlusion, TMJ disorders, growth and development, preventive interceptive and corrective orthodontics)</li> </ul>	Medical Sciences
Oral Medicine and Radiology (02804)		<ul style="list-style-type: none"> <li>• Oral pathology and oral microbiology- 02703 (forensic odontology, OPMLs, cysts and tumors, developmental disorders, caries and pulpal diseases, salivary gland diseases, bone pathologies)</li> <li>• Periodontology-02802 (occlusion)</li> <li>• Orthodontics and Dentofacial Orthopaedics02803 ((occlusion, TMJ disorders)</li> </ul>	Medical Sciences Physical Sciences

	<ul style="list-style-type: none"> <li>• Oral and Maxillofacial Surgery-02805 (occlusion, TMJ disorders, cysts and tumors, salivary gland pathologies)</li> <li>• Conservative Dentistry and Endodontics-02806 (caries and pulpal diseases)</li> <li>• Prosthodontics and Crown &amp; Bridge-02807 (occlusion, TMJ disorders)</li> <li>• Paediatric and Preventive Dentistry-02808 (diagnosis and treatment planning, developmental disorders)</li> </ul>	
<p><b>Oral and Maxillofacial Surgery (02805)</b></p>	<ul style="list-style-type: none"> <li>• Periodontology-02802 (pre-prosthetic management, periodontal surgeries occlusion)</li> <li>• Orthodontics and Dentofacial Orthopaedics-02803 (occlusion, TMJ disorders)</li> <li>• Oral Medicine and Radiology-02804 (occlusion, TMJ disorders, cysts and tumors, salivary gland diseases)</li> <li>• Prosthodontics and Crown &amp; Bridge-02807 (TMJ disorders)</li> </ul>	<p>Medical Sciences Physical Sciences</p>
<p><b>Conservative Dentistry and Endodontics (02806)</b></p>	<ul style="list-style-type: none"> <li>• Oral Medicine and Radiology-02804 (caries and pulpal diseases)</li> <li>• Paediatric and Preventive Dentistry-02808 (traumatic injuries to tooth)</li> </ul>	<p>Medical Sciences Physical Sciences</p>
<p><b>Prosthodontics and Crown &amp; Bridge (02807)</b></p>	<ul style="list-style-type: none"> <li>• Periodontology-02802 (occlusion)</li> <li>• Orthodontics and Dentofacial Orthopaedics-02803 (occlusion, TMJ disorders)</li> <li>• Oral Medicine and Radiology-02804 (occlusion, TMJ disorders)</li> <li>• Oral and Maxillofacial Surgery-02805 (occlusion, TMJ disorders, pre-prosthetic management, maxillofacial defects)</li> </ul>	<p>Medical Sciences</p>

<p><b>Paediatric and Preventive Dentistry (02808)</b></p>	<ul style="list-style-type: none"> <li>• Periodontology-02802</li> <li>• Orthodontics and dentofacial Orthopedics-02803</li> <li>• Oral Medicine and Radiology-02804</li> <li>• Oral and Maxillofacial surgery-02805</li> <li>• Conservative Dentistry and Endodontics-02806</li> <li>• Prosthodontics and Crown and Bridge-02807</li> <li>• Paediatric and Preventive Dentistry-02808</li> </ul>	<p>Medical sciences</p>
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**1.2.1.2 Number of courses offered across all programmes during years**

Program Code	Program Name	Course code	Name of the course	
2107	BDS	02501	General Human Anatomy including Embryology and Histology	
2107		02502	General Human Physiology and Biochemistry	
2107		02503	Dental Anatomy, Embryology and Oral Histology	
2107		02601	General Pathology & Microbiology	
2107		02602	General and Dental Pharmacology & Therapeutics	
2107		02603	Dental Materials (Prosthodontics and Conservative Dentistry)	
2107		2605	Pre - Clinical Prosthodontics	
2107		2604	Pre - Clinical Conservative	
2107		02701	General Medicine	
2107		02702	General Surgery	
2107		02703	Oral Pathology and Oral Microbiology	
2107		02801	Public Health Dentistry	
2107		02802	Periodontology	
2107		02803	Orthodontics and Dentofacial Orthopaedics	
2107		02804	Oral Medicine and Radiology	
2107		02805	Oral and Maxillofacial Surgery	
2107		02806	Conservative and Endodontics	
2107		02807	Prosthodontics and Crown & Bridge	
2107		02808	Paediatric and Preventive Dentistry	
2107500		MDS- Prosthodontics and Crown & Bridge	17501	MDS- Prosthodontics And Crown & Bridge- Applied Basic Sciences
			BAC010022009201	MDS- Prosthodontics And Crown & Bridge- Removable prosthodontics and implant supported prosthesis,geriatric dentistry and craniofacial prosthodontics- I
			BAC010022009202	MDS- Prosthodontics And Crown & Bridge- Fixed prosthodontics,TMJ,occlusion and esthetics- II
			BAC010022009203	MDS -Prosthodontics And Crown & Bridge- Descriptive and analysing type question- III
	MDS- Conservative	17502	MDS- Conservative Dentistry and Endodontics- Applied Basic Sciences	
		BAC010050002201	MDS- Conservative Dentistry and Endodontics- Conservative dentistry- I	



2107501	Dentistry and Endodontics	BAC010050002202	MDS- Conservative Dentistry and Endodontics- Endodontics II
		BAC010050002203	MDS -Conservative Dentistry and Endodontics- Descriptive and analysing type question- III
		17503	MDS- Periodontology- Applied Basic Sciences
2107503	MDS- Periodontology	BAC010070002203	MDS- Periodontology- Normal periodontal structure,etiology and pathogenesis of periodontal disease- I
		BAC010070002202	MDS- Periodontology- Periodontal diagnosis,therapy and oral implantology- II
		BAC010070002201	MDS -Periodontology- Descriptive and analysing type question- III
		17506	MDS- Orthodontics and Dentofacial orthopedics- Applied Basic Sciences
2107506	MDS- Orthodontics and Dentofacial orthopedics	BAC010120002201	MDS- Orthodontics and Dentofacial orthopedics- Orthodontic history, concept of occlusion and esthetics- I
		BAC010120002202	MDS- Orthodontics and Dentofacial orthopedics- Clinical Orthodontics- II
		BAC010120002203	MDS -Orthodontics and Dentofacial orthopedics- Descriptive and analysing type question- III
		17504	MDS Pediatric and preventive dentistry - Applied anatomy, physiology, pathology, microbiology, nutrition and dietetics.
2107508	MDS -Pediatric and preventive dentistry	BAC0160001201	MDS Pediatric and preventive dentistry - Clinical Pediatric dentistry
		BAC0160001202	MDS Pediatric and preventive dentistry - Preventive and community dentistry as applied to Pediatric dentistry
1106	PHD Prosthodontics	BAC0160001203	MDS- Pediatric and preventive dentistry - Descriptive and analysing type questions
1106	PHD Periodontology	112101	Descriptive and analysing research
		112102	Descriptive and analysing research



**Key Indicator – 1.2 Academic Flexibility**

1.2.1 Percentage of interdisciplinary/interdepartmental courses/training across the Programmes offered by the college during the year

Year	Name of the programme	No. of courses where inter/transdisciplinary training/postings were built in the programme	Name of the Departments involved in the course content delivery
2022-23	Bachelor of Dental Surgery MDS- Prosthodontics and Crown & Bridge MDS- Conservative dentistry and MDS- Orthodontics and Dentofacial MDS- Periodontology MDS Pediatrics and Preventive Dentistry PhD Prosthodontics and Crown & Bridge PhD Periodontology	17 4 4 4 4 4 1 1	General Human Anatomy including Embryology and Histology, General Human Physiology and Biochemistry, Dental Anatomy, Embryology and Oral Histology, General Pathology & Microbiology, General and Dental Pharmacology & Therapeutics, Dental Materials (Prosthodontics and Conservative Dentistry), Oral Pathology and Oral Microbiology, General Medicine, General Surgery, Oral Medicine and Radiology, Oral and Maxillofacial Surgery, Prosthodontics and Crown & Bridge, Orthodontics and Dentofacial orthopaedics, Public Health Dentistry, Periodontology, Pediatrics and Preventive Dentistry, Conservative Dentistry and Endodontics

