

**B.D.S THIRD YEAR YEAR**  
**SUBJECT : GENERAL MEDICINE**

Teaching Scheme(Hours)				Credits	Examination Scheme				
Lec(L)	Prac(P)	Clinical(C)	Total		External		Sessional		Total
					Theory	Pract	Theory	Pract	
104	-	216	420	1	1	3	3	8	

**A. COURSE OVERVIEW**

Special emphasis should be given throughout on the importance of various diseases as applicable to dentistry.

- Special precautions/ contraindication of anaesthesia and various dental procedures in different systemic diseases.
- Oral manifestations of systemic diseases.
- Medical emergencies in dental practice.
- A dental student should be taught in such a manner he/she is able to record the arterial pulse, blood pressure and be capable of suspecting by sight and superficial examination of the body – diseases of the heart, lungs, kidneys, blood etc. He should be capable of handling medical emergencies encountered in dental practice.

**B. COURSE CONTENT**

NO	TOPIC	L+P (hrs)	CLs
1	Aims of medicine Definitions of signs, symptoms, diagnosis, differential diagnosis treatment & prognosis	10+20	CL1,2,3,6
2	Infections	10+28	CL2,3,5
3	G.I.T.	10+20	CL1,2,3,4
4	CVS	10+20	CL1,2,3,4
5	RS	10+20	CL1,2,3,4
6	Hematology	10+20	CL1,2,3,4
7	Renal System	10+20	CL1,2,3,4
8	Nutrition	10+20	CL1,2,3,4
9	CNS	10+20	CL1,2,3,4
10	Endocrines	10+20	CL1,2,3,4
11	Critical care	4+8	CL1,2,3,4,6

**C. TEXT BOOKS**

**D. REFERENCE BOOKS**

1. Stuart H.Ralson et al; Davidson's Principles and practice of medicine, 23rd edition, Elsevier,2018.
2. Micheal Glynn and William Drake; Hutchinson's Clinical methods- An intergrated approach to clinical practice, 24th edition, Elsevier, 2017

## E. COMPETENCY LEVEL

CL Number	Skill	Statement
CL1	Knowledge	<ul style="list-style-type: none"> <li>Adequate knowledge of the development, structure and function of the human body in health and disease and its relationship with dentistry while bearing physical and social well-being of the patient.</li> </ul>
CL2	Investigations	<ul style="list-style-type: none"> <li>Adequate knowledge about common laboratory investigations and interpretation of their results</li> </ul>
CL3	Patient Care: Diagnosis	<ul style="list-style-type: none"> <li>Diagnose the patient's problem and get familiarized with concepts of general medicine.</li> </ul>
CL4	Patient Care: Treatment planning	<ul style="list-style-type: none"> <li>Ethically Integrate multiple disciplines into an individual comprehensive sequence treatment plan using diagnostic and prognostic information</li> </ul>
CL5	Patient Care: Treatment	The student must be able to take history, do general physical examination (including build, nourishment, pulse, BP, respiration, clubbing, cyanosis, jaundice, lymphadenopathy, oral cavity) and be able to examine CVS, RS and abdomen and facial nerve.
CL6	Research and Innovation	<ul style="list-style-type: none"> <li>Upgradation of knowledge and skill from time to time, familiarize with new concept and equipment in general medicine .</li> </ul>
CL 7	Evidence Based Learning	<ul style="list-style-type: none"> <li>Consolidate all the above mentioned major competencies acquired during the course and integrate newer evidence based knowledge in displaying expertise in the science of GENERAL MEDICINE</li> </ul>

### PROGRAM SPECIFIC OUTCOME (PSO)

PSO1	Diagnosis	Adequate knowledge of the development, structure and function of the human body in health and disease and its relationship with dentistry while bearing physical and social emotional and ethical well-being of the patient.
PSO2	Investigations	Adequate knowledge about common laboratory

		investigations and interpretation of their results
PSO3	Treatment	Ethically Integrate multiple disciplines into an individual comprehensive sequence treatment plan using diagnostic and prognostic information

## F. COURSE MATRIX

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PO 15	PS O1	PS O2	PS O3
CL1	3	3	3	1	3	1	1	1	1	1	1	1	1	1	1	3	2	2
CL2	3	3	3	2	2	2	3	2	3	2	1	2	2	1	1	3	3	2
CL3	2	2	2	2	2	3	2	3	2	1	1	2	1	1	1	3	2	2
CL4	2	2	2	3	2	3	2	2	2	1	1	2	2	1	1	3	3	3
CL5	2	2	2	3	2	3	3	3	3	3	3	3	2	1	1	3	3	3
CL6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2
CL7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Avg	2.3	2.3	2.3	2.1	2.1	2.3	2.1	2.1	2.1	1.7	1.6	2.0	1.7	1.3	1.3	3.0	2.6	2.4