

GOVERNMENT MEDICAL COLLEGE, JAMMU.

PHASE II-MBBS

AIT DIABETES MODULE

DEPARTMENT OF PATHOLOGY

Integrated Teaching activity of 2nd Phase MBBS

S.NO.	Date &Day	Time	Topic	COMPETENCIES	MODE OF INTEGRATION SESSION	DURATION (Hours)
1.	26/09/2022 (Monday)	2.30 PM-3.30 PM	Physiology of Insulin Metabolism	PY 8.4, PA 32.4	NESTED	01
2	27/09/2022 (Tuesday)	9.00AM- 10.00AM	Diabetes Mellitus- Definition, Classification	IM 11.1, 11.2, 11.3, 11.4 PA 32.4	SHARED	01
3	30/09/2022 (Friday)	9.00AM- 10.00AM	Diabetes Mellitus- Epidemiology, Clinical Features	IM 11.1, 11.2, 11.3, 11.4, PA 32.4	SHARED	01
4	30/09/2022 (Friday)	3.30 PM-4.30 PM	Etiopathogenesis of Diabetes	PA 32.4, IM 11.2, 11.3, 11.4.	SHARED	01
5	03/10/2022 (Monday)	1.30 PM-2.30 PM	Diabetes Mellitus	PH1.36 IM 1.18, IM 1.19	NESTED	01
6.	04/10/2022 (Tuesday)	9.00AM- 10.00AM	Pathology of DM& Lab Features	PA 32.4, 11.2, IM11.3, 11.4	LINKER	01
7	06/10/2022 (Thursday)	1.30 PM to 3.30 PM	Complications of Diabetes	PA 32.4, 11.2, IM1.3, 11.4	NESTED	01
8	06/10/2022 (Thursday)	3.30 PM- 4.30 PM	Etiopathogenesis & Pathology of Dm	PA 32.4, 11.2, M11.3, 11.4	SHARED	01
9	07/10/2022 (Friday)	1.30 PM- 3.30 PM	Drugs Used in Dm	PH 1.36, IM 11.16	SHARED	02
10	08/10/2022 (Saturday)	9.00AM-10.00AM	Drugs Used in Dm	PH 1.36, IM 11.16	SHARED	01

11	08/10/2022 (Saturday)	11.00AM- 1.00 PM	Clinical Case Scenario	PA 32.4, IM 11.2, 11.3, 11.4	SHARED	02
12	08/10/2022 (Saturday)	1.30 PM – 3.30 PM	FA on Diabetes		PATHOLOGY	02

GOVERNMENT MEDICAL COLLEGE, JAMMU.

-PHASE II-MBBS

AIT LIVER MODULE IN CONTINUATION OF LIVERMODULE OF PHASE 1

DEPARTMENT OF MICROBIOLOGY

Integrated Teaching activity of 2nd Phase MBBS

S.NO.	Date &Day	Time	Topic	COMPETENCIES	MODE OF INTEGRATION SESSION	DURATION (Hours)
1.	29/07/2022(Friday)	9.00 AM- 10.00 AM	Bilirubin metabolism	PA 25.1, PY 2.5		01
2.	30/07/2022 (Saturday)	10.00AM -1.00 PM	Liver function test	PA 25.6, IM 5.14, PE 26.4	LINKER	03
3.	01/08/2022 (Monday)	3:30 PM-4:30 PM	Specimen of Hepatobiliary System	PA 25.4, IM 5.5, IM 5.6	LINKER	01
4	02/08/2022(Tuesday)	2:30 PM- 03:30 PM	Liver Diseases in Pregnancy	PA 25.1, OG 12.6	NESTED	01
5.	02/08/2022 (Tuesday)	3:30 PM- 03:30 PM	Specimen of Hepatobiliary System	PA 25.4, IM 5.5, IM 5.6	LINKER	01
6	03/08/2022 (Wednesday)	2.30 PM- 3.30 PM	Hyperbilirubinemias	PY 2.5, IM 5.1, PA 25.1	NESTED	01
7	03/08/2022 (Wednesday)	3:30 PM- 03:30 PM	Specimen of Hepatobiliary System	PA 25.4, IM 5.5, IM 5.6	LINKER	01
8	04/08/2022 (Thursday)	9.00 AM- 10.00 AM	Hepatic Failure	PA 25.2, PE 26.2, IM 5.2, 5.3	SHARED	01
9	04/08/2022 (Thursday)	1:30 PM- 2:30 PM	Viral Hepatitis	PA 25.3, IM 5.4, PE 26.1, IM 3.7, 3.8	SHARED	01
10	04/08/2022 (Thursday)	2:30 PM to 3.30 PM	Alcoholic Liver Disease	PA 25.4, 25.5, IM 5.5 ,5.6, PE 26.3	SHARED	01

11	04/08/2022 (Thursday)	3:30 PM- 4:30 PM	Portal Hypertension	PA 25.5, PE 26.4	NESTED	01
12	05/08/2022 (Friday)	9:00 AM -10:00 AM	Liver Function Tests	PA 25.6, IM 5.14, PE 26.4	LINKER	01
13	05/08/2022 (Friday)	1.30 PM – 2.30 PM	Case Based Studies	MI 3.8, PA 25.1, 25.3, 25.6	LINKER	01
14	08/08/2022(Monday)	3:30 PM- 4:30 PM	Interpret LFTs and Viral Serology	PA 25.6, IM 5.12, IM 5.14, PE 26.9	LINKER	01
15	09/08/2022 (Tuesday)	9:00 AM- 10:00 AM	Cirrhosis	PA 25.4, 25.5, IM 5.5, 5.6	SHARED	01
16	09/08/2022 (Tuesday)	3;30 PM -4:30 PM	Interpret LFTs and Viral Serology	PA 25.6, IM 5.12, IM 5.14, PE 26.9	LINKER	01
17	10/08/2022 (Wednesday)	9:00 AM- 10:00 AM	Diagnosis of Viral hepatitis with Viral markers.	MI 3.8 PA 25.3	LINKER	01
18	10/08/2022 (Wednesday)	2:30 PM- 3:30 PM	Management of Liver Diseases in Pregnancy	PA 25.1, 25.6, OG 12.6	NESTED	01
19	10/08/2022 (Wednesday)	3:30 PM- 4:30 PM	Interpret LFTs and Viral Serology	PA 25.6, IM 5.12, IM 5.14, PE 26.9	LINKER	01
20	11/08/2022 (Thursday)	1.30 PM – 2.30 PM	Portal Hypertension	PA 25.5, PE 26.4	SHARED	01
21	13/08/2022 (Saturday)	1.30 PM – 2.30 PM	FA and Feedback on Liver Module			02

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PHASE II-MBBS

AIT ANEMIA MODULE

DEPARTMENT OF PATHOLOGY

Integrated Teaching activity of 2nd Phase MBBS

S.NO	Date &Day	Time	Topic	COMPETENCIES	MODE OF INTEGRATION SESSION	DURATION (Hours)
1.	22/04/2022 (Friday)	2.30-3.30PM	Iron Metabolism & Haemoglobin Synthesis	PA 14.1, BI 5.2,6.11,6.12	NESTED	01
2.	25/04/2022 (Monday)	3.30-4.30PM	Perform & Interpret Hb estimation	PA 13.4, IM9.10	Linker	01
3.	26/04/2022 Tuesday)	3.30-4.30PM	Perform & Interpret Hb estimation	PA 13.4, IM9.10	Linker	01
4.	27/04/2022 (Wednesday)	3.30-4.30PM	Perform & Interpret Hb estimation	PA 13.4, IM9.10	Linker	01
5	28/04/2022 (Thursday)	9AM- 10AM	Haematopoiesis	PY 2.4, PY 2.6, 2.7 PA 13.1,	NESTED	01
6	28/04/2022 (Thursday)	1.30 PM- 3.30 PM	Define and Classify Anemia	IM 9.1, IM 9.2,9.3 PA 13.3	SHARED	02
7	28/04/2022 (Thursday)	3.30 PM- 4.30 PM	Anemia Interpretation of BM	PA 13.3,17.2, IM 9.12, 9.13	SHARED	01
8	29/04/2022 (Friday)	9 AM- 10 AM	Lab Diagnosis of Anemia	PA 13.4, IM 9.9, 9.10, 9.13	SHARED	01
9	29/04/2022(Friday)	1.30 PM to 3.30 PM	Clinical Features of Anemia& Case based Studies	PA 13.3, IM 9.3, 9.4, 9.5, 9.6	LINKER	02

10	30/04/2022(Saturday)	9 AM- 10 AM	Drugs Used in Anemia	PH 1.35, IM 9.13	SHARED	01
11	30/04/2022(Saturday)	10 AM- 1 PM	Identify & Interpret PBF in Anemia	PA 13.5, PA 14.3, PA 15.3, PA 16.5, IM 9.11	LINKER	03
12	02/05/2022(Monday)	3.30 PM – 4.30 PM	PBF of Microcytic, Hypochromic and Dimorphic Anemia	PA 14.3, IM 9.7, 9.11	LINKER	01
13.	03/05/2022(Tuesday)	3.30 PM – 4.30 PM	PBF of Microcytic, Hypochromic and Dimorphic Anemia	PA 14.3, IM 9.7, 9.11	LINKER	01
14	04/05/2022(Wednesday)	3.30 PM – 4.30 PM	PBF of Microcytic, Hypochromic and Dimorphic Anemia	PA 14.3, IM 9.7, 9.11	LINKER	01
15	05/05/2022 (Thursday)	1.30PM -2.30 PM	Macrocytic Anemia	PA 15.1, 15.2, IM 9.2, 9.10	SHARED	01
16	05/05/2022 (Thursday)	2.30PM-3.30PM	Haemolytic Anemia	PA 16.1, IM 9.1,	SHARED	01
17	06/05/2022 (Friday)	9.00AM-10.00 AM	Megaloblastic and non-megaloblastic Macrocytic Anemia	PA 15.4, IM 9.2, 9.1	SHARED	01
18	07/05/2022 (Saturday)	2.30PM-3.30 PM	Haemolytic Anemia	PA 16.1, IM 9.1, 9.13	SHARED	01
19	23/05/2022 (Monday)	3.30 PM – 4.30 PM	PBF findings in Haemolytic anaemia & Reticulocyte count	PA 16.6, IM 9.1, 9.2, 9.11	LINKER	01
20	24/05/2022 (Tuesday)	9.00AM-10.00 AM	Hematologic indices and clinical features of Haemolytic Anemia	PA 16.2, IM 9.1, 9.2, 9.6	SHARED	01
21	24/05/2022 (Tuesday)	3.30 PM – 4.30 PM	PBF findings in Haemolytic anaemia & Reticulocyte count	PA 16.6, IM 9.1, 9.2, 9.11	LINKER	01
22	25/05/2022 (Wednesday)	3.30 PM – 4.30 PM	PBF findings in Haemolytic anaemia & Reticulocyte count	PA 16.6, IM 9.1, 9.2, 9.11	LINKER	01
23	26/05/2022 (Thursday)	9.00AM-10.00 AM	Drugs used in Haemolytic Disorders	PH 1.35, IM 9.15	SHARED	01
24	26/05/2022 (Thursday)	1.30PM -2.30 PM	Sickle Cell Anemia	PA 16.3, IM 9.1, 9.1, BI 5.2	SHARED	01
25	28/05/2022 (Saturday)	1.30PM -3.30 PM	FA on Anemia Module			02

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AIT THYROID MODULE IN CONTINUATION OF THYROID MODULE OF PHASE 1

DEPARTMENT OF PATHOLOGY

Integrated Teaching activity of 2nd Phase MBBS

S.NO	Date &Day	Time	Topic	COMPETENCIES	MODE OF INTEGRATION SESSION	DURATION(Hours)
1	10/10/2022 (Monday)	01:30 PM- 02:30 PM	Drugs of Thyroid Disorders	PH 1.36	NESTED	01
2	12/10/2022 (Wednesday)	09.00 AM- 10.00 AM	Drugs of Thyroid Disorders	PH 1.36	NESTED	01
3	13/10/2022 (Thursday)	09.00 AM- 10.00 AM	Etiopathogenesis Of Thyroid Swellings	SU 22.2,32.1 BI 6.15	LINKER	01
4	13/10/2022 (Thursday)	01:30 PM- 02:30 PM	Thyroid Axis & Principles of Thyroid Function Tests	BI 6.13,6.14, IM 12.3	LINKER	01
5	14/10/2022 (Friday)	09:00 AM -10.00 AM	Epidemiology & Pathogenesis of Hypothyroidism	PA 32.2, IM 12.1	NESTED	01
6	14/10/2022 (Friday)	01:30 PM- 02:30 PM	Epidemiology & Pathogenesis of Hyperthyroidism	PA 32.3, IM 12.1	NESTED	01
7	15/10/2022 (Saturday)	02:30 AM - 04:30 AM	Case Based Studies & FA		LINKER	02

GOVERNMENT MEDICAL COLLEGE, JAMMU.

PHASE II-MBBS
AIT HYPERTENSION (CVS MODULE)
DEPARTMENT OF PHARMACOLOGY
Integrated Teaching activity of 2nd Phase MBBS

S.NO.	Day & Date	Time	Topic	COMPETENCIES	MODE OF INTEGRATION SESSION	DURATION(Hours)
1	07/07/2022 (Thursday)	9AM- 10AM	REGULATION OF BLOOD PRESSURE (IL)	PY 5.9, PH 1.27	NESTED	01
2	07/07/2022 (Thursday)	2.30 PM 3.30PM	PATHOPHYSIOLOGY OF HYPERTENSION AND CLASSIFICATION (IL)	IM 8.2, IM 8.4, PH 1.27	NESTED	01
3	07/07/2022 (Thursday)	3.30 PM- 4.30 PM	MEASUREMENT OF BLOOD PRESSURE (PRACTICAL SKILL) (SGT)	PY 5.12, PH 1.27	NESTED	01
4	08/07/2022 (Friday)	9 AM- 10 AM	DRUGS IN HYPERTENSION, TREATMENT PLAN (SGT)	IM 8.14, PH 1.27	SHARED	01
5	09/07/2022 (Saturday)	9 AM to 10 AM	MANAGEMENT OF HYPERTENSION AND HYPERTENSIVE EMERGENCIES (SGT)	IM 8.14, IM 8.15, PH 1.27	SHARED	01
6	09/07/2022 (Saturday)	10AM- 1 PM	PROBLEM BASED LEARNING (SGT)	IM 8.9, PH 1.27	LINKER	03
7	09/07/2022 (Saturday)	1.30PM- 2.30PM	PREVENTIVE ASPECT OF HYPERTENSION (IL)	CM 8.2, PH 1.27	SHARED	01
8	09/07/2022 (Saturday)	2.30 PM – 4.30 PM	FORMATIVE ASSESMENT AND FEEDBACK		PHARMACOLGY	02

GOVERNMENT MEDICAL COLLEGE, JAMMU.

PHASE II-MBBS

AITISCHEMIC HEART DISEASE (CVS MODULE)

DEPARTMENT OF PHARMACOLOGY

Integrated Teaching activity of 2nd Phase MBBS

S.NO	Day & date	Time	Topic	COMPETENCIES	MODE OF INTEGRATION SESSION	DURATION (Hours)
1	18/08/2022 (Thursday)	3.30PM- 4.30PM	PHYSIOLOGY OF CORONARY CIRCULATION (IL)	PY 5.5, PY 5.10, PH 1.28	NESTED	01
2	19/08/2022 (Friday)	9.00AM-10.00AM	PATHOPHYSIOLOGY OF IHD, RISK FACTORS ASSOCIATED WITH IT(IL)	PA 27.5, IM 2.1, PH 1.28	SHARED	01
3	20/08/2022 (Saturday)	10.00AM-11.00AM	MANAGEMENT OF ANGINA (CASE BASED LEARNING) (SGD)	IM 2.20, PY 5.6, PH 1.28	LINKER	01
4	20/08/2022 (Saturday)	11:00 AM -12:00 PM	MANAGEMENT OF ANGINA (CASE BASED LEARNING) (SGD)	IM 2.16, IM 2.17, IM 2.24, PH 1.2	LINKER	01
5	20/08/2022 (Saturday)	12.00PM -1.00PM	PROBLEM BASED LEARNING (ANGINA) (SGT)	IM 2.15, IM 2.23, PH 1.28	LINKER	01
6	20/08/2022 (Saturday)	1.30PM- 2.30PM	PREVENTIVE ASPECT OF IHD, COUNSELLING OF PATIENTS REGARDING ATHEROSCLEROSIS (IL)	CM 8.2, IM 2.24, PH 1.28	SHARED	01
7	20/08/2022(Saturday)	2.30PM- 4.30PM	FORMATIVE ASSESMENT AND FEEDBACK		PHARMACOLOGY	02

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PHASE II-MBBS

AETCOM: 34 Hours as per Book: As per GMR- 48 Hours

Module	Topic	Hours	Session	Date
2.1	The foundations of communications-2	3	Small group session Focused small group session	12.02.2022
		2	Skilled Lab session Discussion	19.02.2022
2.2	The foundations of bioethics	2	Large group session	05.03.2022
2.3	Health care as a right	2	Participatory student seminar	19.03.2022
2.4	Working in a health care team	4	Tag along session in hospital - 2 x 2	09.04.2022
		2	Small group discussion	16.04.2022
2.5	Bioethics continued – case studies on patient autonomy and decision making	3	Introduction & group formation Case introduction	28.05.2022
		3	SDL Anchoring lecture Case resolution	04.06.2022
2.6	Bioethics continued: Case studies on autonomy and decision making	3	Introduction of case SDL	01.06.2022
		2	Anchoring lecture Discussion & closure	18.06.2022
2.7	Bioethics continued: - Case studies on autonomy & decision making	3	Introduction of case SDL	25.06.2022
		2	Anchoring lecture Discussion & closure	02.07.2022
2.8	What does it mean to be family member of a sick patient?	3	Hospital visit & Interview Large group discussion with patient relatives	05.11.2022
		3	SDL Discussion and closure	12.11.2022

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PHASE II-MBBS

MODULE ON MANAGEMENT OF PANDEMICS

Module	Broad Areas	No. of Hours	Sessions	Date	Department
2.1	Infection Control: - Part II Air borne precautions, contact precautions Infection control committee	04	Interactive discussion Small Group discussion Visit to Isolation ward	26.02.2022	Microbiology
2.2	Emerging and re-emerging infections, early identification and control of new infections	03	Interactive theory session SDL	26.03.2022	Community Medicine
		03	Discussion Case studies and closure	02.04.2022	
2.3	Sample collection, microbial diagnosis, serologic tests and their performance parameters	04	Interactive Theory session Skill Lab. Visit to laboratory	23.04.2022	Microbiology
		02	Small Group activity Discussion	07.05.2022	
2.4	Vaccination strategies including vaccine development & implementation	04	Interactive theory sessions Visit to PHC	06.08.2022	Community Medicine Biochemistry
		2	Small Group Discussion	27.08.2022	
2.5	Therapeutic strategies including new drug development	3	Interactive theory session discussion	03.09.2022	Pharmacology General Medicine
		3	Visit to Pharmacy Discussion's closure	10.09.2022	

Abbreviations used

1. I.L - Interactive Lecture
2. SGD – Small Group Discussion
3. DOAP – Demonstration, Observation, Assistance & Performance.
4. SDL – Self Directed Learning
5. SGT- Small Group Teaching
6. ECA – Extra Curricular Activity
7. V.I – Vertical Integration.
8. H.I – Horizontal Integration.
9. F.A – Formative Assessment.