

**Check list – NMC task force for MBBS II to be filled by Dean of Medical College.**

Name and address of the college/ institute: Medical College, Kolkata. 88 College Street, Kolkata-700073.

Name of RC/NC: CMC, Ludhiana

Link of the website where time table (Theory as well as sample clinical posting including all newer elements of CBME is uploaded): <https://www.medicalcollegekolkata.in/>

No.	Check list	Yes	No	Remark. (it is must in case of no response as filled in Google form)
1	Year planner submitted	Yes		
2	Type of Master Time Table :Date-wise - Quarterly / half-yearly / Annually ✓	Annually		
3	Annual Academic (theory) Time Table submitted for monitoring / uploaded on website within stipulated time *	Yes		
4	Annual clinical positing rotation is submitted	Yes		
5	clinical postings sample Time Table submitted for the all clinical posting as per GMER MBBS Professional year II for monitoring / uploaded on website within stipulated time *	Yes		
6	Student learner method concept & skill training included in clinical dept sample timetable *	Yes		
7	Simple excel sheet of the calculation of number of hours to satisfying GMER submitted as per dept.	Yes		
8	Are teaching hours for Pathology , Microbiology , Pharmacology , Community Medicine , FMT, Clinical subjects represented in the time table with colour codes?	Yes		
9	Are teaching hours for AETCOM represented in the time table & spread as a longitudinal program over the year with colour coding ?	Yes		
10	Competency no, TL methods(lectures , small group teachings , DOAP etc) are mentioned in each slot for all subjects in the time table	Yes		
11	Provision of AI topic slots in the time table with the names of the topic	Yes		
12	Alignment & integration of topics evident in the time table	Yes		
13	Provision of feedback, formative assessment, Internal assessment and reflection included in master time table	Yes		
14	Provision of slots for sports & extracurricular activities	Yes		
15	Provision Inclusion of pandemic module	Yes		
16	Provision of subject wise slots for self-directed learning activities	Yes		
17	Is the time table feasible and implementable?	Yes		
18	Uploaded attachments done (with college	Yes		

	name and a,b,c,d as per options below as file name)			
18a	Complete II MBBS schedule yea planner	Yes		
18b	Complete II MBBS schedule as single pdf file with Marked AITO, Calculation of subject wise hours ( Lect, Small group activity, Self-directed learning, student doctor method, formative assessment, internal assessment etc in different colours)	Yes		
18c	dept clinical posting schedule for whole year (batch wise rotation)	Yes		
18d	Simple excel sheet calculation month wise/block wise for whole II MBBS satisfying number of hours	Yes		
18e	Sample copy of all clinical posting day wise for each clinical dept posting for Monday to Friday during the specified weeks of posting as per GMER including student doctor method of learning	Yes		
19	Whether skills lab has been established in your college? If so, attach photographs.	No		In the process

Any specific aspects with respect to COVID-19 for implementation of time table: The classes may have to be clubbed together as and when necessary depending on COVID-19 situation

Signature of Dean/Principal, Kolkata Medical College, Kolkata

4/3/21  
Principal, Kolkata Medical College, Kolkata

**Medical College Kolkata**  
**Class routine for second professional M.B.B.S, 2021**

	8 am – 9 am	9 am – 12 noon	12 noon – 1 pm	1 pm – 1:30 pm	1:30 pm – 2:30 pm	2:30 pm – 4:30 pm
Monday	Medicine	Clinical posting	Pharmacology	Recess	Microbiology	Practical
Tuesday	Microbiology	Clinical posting	Pathology	Recess	Forensic Medicine and Toxicology	Practical
Wednesday	Surgery	Clinical posting	Community Medicine	Recess	Pharmacology	Practical
Thursday	Pathology	Clinical posting	Forensic Medicine and Toxicology	Recess	Paediatric Medicine	Practical
Friday	Pharmacology	Clinical posting	Microbiology	Recess	Pathology	Practical
Saturday	Gynaecology and Obstetrics	Clinical posting	AETCOM	Recess	Extra curricular activities	Extra curricular activities

**Curriculum for 2<sup>nd</sup> year MBBS 2021-22 (March-August) for department of pathology(Medical college Kolkata)**

Competency No		Day/duration date	Type of session	DOAP/SGD SESSION	HORIZONTAL INTEGRATION	Vertical integration	assessment
PA 1.1-1.3	Describe the role of a pathologist in diagnosis and management of disease; Enumerate common definitions and terms used in Pathology; Describe the history and evolution of Pathology	Day1 - 1hour 2.3.21 Tuesday	Lecture/SGD	Departmental Orientation			Written /viva voce
PA 2.1,2.2,2.8	Demonstrate knowledge of the causes, mechanisms, types and effects of cell injury and their clinical significance; Describe the etiology of cell injury. Distinguish between reversible-irreversible injury: mechanisms; morphology of cell injury Identify and describe various forms of cell injuries, their manifestations and consequences in gross and microscopic specimens	Day 2-1 hour 4.3.21 Thursday	Lecture/SGD	PA2.8			Written /viva voce
PA 2.3,2.5	Intracellular accumulation of fats, proteins, carbohydrates, Pigments; Describe and discuss pathologic calcifications, gangrene	Day 3-1 hour 5.3.21	Lecture/SGD				Written /viva voce
PA 2.6	Describe and discuss cellular adaptations: atrophy, hypertrophy, hyperplasia, metaplasia, dysplasia	Day 4-1 hour 9.3.21	Lecture/SGD				Written /viva voce
PA 2.4,2.7	Describe and discuss Cell death- types, mechanisms, necrosis, apoptosis (basic as contrasted with necrosis), autolysis; Describe and discuss the mechanisms of cellular aging and apoptosis	Day 5-1 hour 12.3.21	Lecture/SGD				Written /viva voce
PA3.1,3.2	Describe the pathogenesis and pathology of amyloidosis; Identify and describe amyloidosis in a pathology specimen	Day 6-1 hour 16.3.21	Lecture/SGD	PA3.2			Written /viva voce
PA4.1	Define and describe the general features of acute and chronic inflammation including stimuli, vascular and cellular events	Day 7 18.3.21	Lecture/SGD				Written /viva voce

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PA4.2	Enumerate and describe the mediators of acute inflammation	Day 8 19.3.21	Lecture/ SGD				Written /viva voce
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PA4.3	Define and describe chronic inflammation including causes, types, non-specific and granulomatous; and examples of each	Day9 23.3.21	Lecture/SGD				Written/viva voce
PA4.4	Identify and describe acute and chronic inflammation in gross and microscopic specimens	Day 10 25.3.21	Lecture/SGD	PA4.4			Written/viva voce
PA5.1	Define and describe the process of repair and regeneration including wound healing and its types	Day 11 26.3.21	Lecture/SGD				Written/viva voce
PA6.1,PA6.2	Define and describe edema, its types, pathogenesis and clinical correlation; Define and describe hyperemia, congestion, hemorrhage	Day 12 30.3.21	Lecture/SGD				Written/viva voce
PA6.3	Define and describe shock, its pathogenesis and its stages	Day 13 01.4.21	Lecture/SGD				Written/viva voce
PA6.4	Define and describe normal haemostasis and the etiopathogenesis and consequences of thrombosis	Day 14 6.4.21	Lecture/SGD				Written/viva voce
PA6.5,6.6	Define and describe embolism and its causes and common Types; Define and describe Ischaemia/infarction its types, etiology, morphologic changes and clinical effects	Day 15 8.4.21	Lecture/SGD	PA 6.7			Written/viva voce
PA7.1	Define and classify neoplasia. Describe the characteristics of neoplasia including gross, microscopy, biologic, behaviour and spread. Differentiate between	Day16 13.4.21	Lecture/SGD				Written/viva voce

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	benign from malignant neoplasms						
PA7.2	Describe the molecular basis of cancer	Day17 16.4.21	Lecturer/SGD				Written/viva voce
PA7.3	Enumerate carcinogens and describe the process of carcinogenesis	Day18 20.4.21	Lecturer/SGD				Written/viva voce
PA7.4,7.5	Describe the effects of tumor on the host including paraneoplastic syndrome; Describe immunology and the immune response to cancer	Day19 22.4.21	Lecturer/SGD	PA8.1, 8.2,8.3			Written/viva voce
PA9.1	Describe the principles and mechanisms involved in immunity				MICROBIOLOGY		Written/viva voce
PA9.2,9.3	Describe the principles and mechanisms involved in immunity; Describe the mechanism of hypersensitivity reactions; Describe the HLA system and the immune principles Describe the involved in transplant and mechanism of transplant rejection Describe the involved in transplant and mechanism of transplant rejection involved in transplant and mechanism of transplant rejection	Day20 23.4.21	Lecturer/SGD				Written/viva voce
PA9.4,9.5,9.7	Define autoimmunity. Enumerate autoimmune disorders; Define and describe the pathogenesis of systemic Lupus Erythematosus Define and describe the pathogenesis of other common autoimmune diseases	Day21 27.4.21	Lecturer/SGD				Written/viva voce

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PA9.6	Define and describe the pathogenesis and pathology of HIV and AIDS	Day22 29.4.21	Lecture/SGD		MICROBIOLOGY	Internal Medicine	Written/viva voce
PA10.1-10.4			Lecture/SGD		MICROBIOLOGY		Written/viva voce
PA11.1	Describe the pathogenesis and features of common cytogenetic abnormalities and mutations in childhood	Day 23 30.4.21	Lecture/SGD				Written/viva voce
PA 11.2	Describe the pathogenesis and pathology of tumor and tumourlike conditions in infancy and childhood					General surgery Pediatrics	Written/viva voce
PA11.3	Describe the pathogenesis of common storage disorders in infancy and childhood	Day24 04.5.21	Lecture/SGD				Written/viva voce
PA12.1	Enumerate and describe the pathogenesis of disorders caused by air pollution, tobacco and alcohol	Day 25 6.5.21	Lecture/SGD				Written/viva voce
PA 12.2,12.3	Describe the pathogenesis of disorders caused by protein calorie malnutrition and starvation; Describe the pathogenesis of obesity and its consequences	Day26 7.5.21	Lecture/SGD			Pediatrics	Written/viva voce
PA13.1,13.3,13.4	Describe hematopoiesis and extramedullary hematopoiesis Define and classify anemia; Enumerate and describe the investigation of anemia	Day27 11.5.21	Lecture/SGD	PA13.2			Written/viva voce
PA14.1-14.3	Describe iron metabolism; Describe the etiology, investigations and differential diagnosis of microcytic hypochromic anemia;	Day28 13.5.21	Lecture/SGD	PA13.5 ,PA14.3			Written/viva voce

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	Identify and describe the peripheral smear in microcytic anemia						
PA15.1,15.2,15.3,15.4	Describe the metabolism of Vitamin B12 and the etiology and pathogenesis of B12 deficiency; Describe laboratory investigations of macrocytic anemia; Identify and describe the peripheral blood picture of macrocytic Anemia; Enumerate the differences and describe the etiology distinguishing features of megaloblastic and non-megaloblastic macrocytic anemia	Day 29 18.5.21	Lecture/SGD	PA15.3			Written/viva voce
PA16.1,16.2,16.4	Define and classify hemolytic anemia; Describe the pathogenesis and clinical features and hematologic indices of hemolytic anemia; Describe the etiology pathogenesis, hematologic indices and peripheral blood picture of Acquired hemolytic anemia	Day30 20.5.21	Lecture/SGD	PA16.5 ,16.6,			Written/viva voce
PA16.3	Describe the pathogenesis, features, hematologic indices and peripheral blood picture of sickle cell anemia and thalassemia	Day31 21.5.21	Lecture/SGD				Written/viva voce
PA16.7	Describe the correct technique to perform a cross match	Day 32 25.5.21	Lecture/SGD	PA16.7			Written/viva voce

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PA17.1	Enumerate the etiology, pathogenesis and findings in aplastic anemia	Day 33 27.5.21	Lectur e/SGD	PA17.2		Written/viva voce
PA18.1	Enumerate the etiology, pathogenesis and findings in aplastic anemia	Day 34 28.5.21	Lectur e/SGD			Written/viva voce
PA18.2	Describe the etiology, genetics, pathogenesis classification, features, hematologic features of acute leukemia	Day35 01.6.21	Lectur e/SGD			Written/viva voce
PA 18.2	Describe the etiology, genetics, pathogenesis classification, features, hematologic features of chronic leukemia	Day36 3.6.21	Lectur e/SGD	PA18.2		Written/viva voce
PA20.1	Describe the features of plasma cell myeloma	Day37 4.6.21	Lectur e/SGD	PA 20.1		Written/viva voce
PA21.1,21.2	Describe normal hemostasis; Classify and describe the etiology, pathogenesis and pathology of vascular and platelet disorders including ITP and haemophilia's	Day38 8.6.21	Lectur e/SGD	PA 21.1		Written/viva voce
PA21.3	Differentiate platelet from clotting disorders based on the clinical and hematologic features	Day39 10.6.21	Lectur e/SGD			Written/viva voce
PA 21.4,21.5	Define and describe disseminated intravascular coagulation, its laboratory findings and diagnosis of disseminated intravascular coagulation; Define and describe disseminated intravascular	Day 40 11.6.21	Lectur e/SGD			Written/viva voce

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	coagulation, its laboratory findings and diagnosis of Vitamin K deficiency						
PA 22.1,22.2,22.3	Describe abnormal urinary findings in disease states and identify and describe common urinary abnormalities in a clinical specimen; Enumerate the indications, describe the principles, enumerate and demonstrate the steps of compatibility testing	Day 41 15.6.21	Lecture/SGD	PA22.1			Written/viva voce
PA 22.4,22.7	Enumerate blood components and describe their clinical uses; Enumerate the indications and describe the principles and procedure of autologous transfusion	Day 42 17.6.21	Lecture/SGD				Written/viva voce
PA 22.5,22.6	Enumerate and describe infections transmitted by blood Transfusion; Describe transfusion reactions and enumerate the steps in the investigation of a transfusion reaction	Day 43 18.6.21	Lecture/SGD				Written/viva voce
PA 19.1,19.2	Enumerate the causes and describe the differentiating features of lymphadenopathy; Describe the pathogenesis and pathology of tuberculous lymphadenitis	Day 44 22.6.21	Lecture/SGD	PA 19.3			Written/viva voce
PA 19.4,19.6	Describe and discuss the pathogenesis, pathology and the differentiating features of	Day 45 24.6.21	Lecture/SGD	PA 19.5,19.7			Written/viva voce

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	Hodgkin's and non-Hodgkin's lymphoma; Enumerate and differentiate the causes of splenomegaly						
			SGD	PA 23.1- 23.3			Written/viva voce
PA 24.1	Describe the etiology, pathogenesis, pathology and clinical features of oral cancers					Dentistry	Written/viva voce
PA 24.2,24.3	Describe the etiology, pathogenesis, pathology, microbiology, clinical and microscopic features of peptic ulcer disease; Describe and identify the microscopic features of peptic ulcer	Day 46 25.6.21	Lecture/SGD	PA 24.2,2 4.3			Written/viva voce
PA 24.4	Describe and etiology and pathogenesis and pathologic features of carcinoma of the stomach	Day 47 29.6.21	Lecture/SGD	PA 24.4			Written/viva voce
PA 24.5,24.6	Describe and etiology and pathogenesis and pathologic features of Tuberculosis of the intestine; Describe and etiology and pathogenesis and pathologic and distinguishing features of Inflammatory bowel disease	Day 48 1.7.21	Lecture/SGD	PA 24.5			Written/viva voce
PA 24.7	Describe the etiology, pathogenesis, pathology and distinguishing features of carcinoma of the colon	Day 49 2.7.21	Lecture/SGD	PA 24.7			Written/viva voce
PA 25.1,25.2	Describe bilirubin metabolism, enumerate the etiology and pathogenesis of jaundice,	Day 50 6.7.21	Lecture/SGD	PA 25.6	Biochemistry		Written/viva voce

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	distinguish between direct and indirect hyperbilirubinemia; Describe the pathophysiology and pathologic changes seen in hepatic failure and their clinical manifestations, complications and consequences				Physiology		
PA 25.3	Describe the etiology and pathogenesis of viral and toxic hepatitis: distinguish the causes of hepatitis based on the clinical and laboratory features. Describe the pathology, complications and consequences of hepatitis	Day 51 8.7.21	Lecture/SGD				Written/viva voce
PA 25.4,25.5	Describe the pathophysiology, pathology and progression of alcoholic liver disease including cirrhosis; Describe the etiology, pathogenesis and complications of portal hypertension	Day 52 9.7.21	Lecture/SGD				Written/viva voce
PA 25.4	Describe the pathophysiology, pathology and progression of alcoholic liver disease including cirrhosis	Day 53 13.7.21	Lecture/SGD	PA 25.4			Written/viva voce
PA 26.1,26.2	Define and describe the etiology, types, pathogenesis, stages, morphology and complications of pneumonia; Describe the etiology, gross and microscopic appearance and complications of lung abscess	Day 54 15.7.21	Lecture/SGD	PA 26.1			Written/viva voce
PA 26.3	Describe the etiology, gross	Day 55	Lecture	PA		Respirat	Written/viva voce

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	and microscopic appearance and complications of lung abscess	16.7.21	e/SGD	26.3		ory medicin e	
PA 26.4	Define and describe the etiology, types, pathogenesis, stages, morphology microscopic appearance and complications of tuberculosis	Day56 20.7.21	Lectur e/SGD	PA 26.4	Microbi ology		Written/viva voce
PA 26.5	Define and describe the etiology, types, exposure, environmental influence, pathogenesis, stages, morphology, microscopic appearance and complications of Occupational lung disease	Day 57 22.7.21	Lectur e/SGD				Written/viva voce
PA 26.6,26.7	Define and describe the etiology, types, exposure, genetics environmental influence, pathogenesis, stages, morphology, microscopic appearance,metastases and complications of tumors of the lung and pleura; Define and describe the etiology, types, exposure, genetics environmental influence, pathogenesis, morphology, microscopic appearance and complications of mesothelioma	Day 58 23.7.21	Lectur e/SGD	PA 26.6			Written/viva voce
PA 27.1,27.2,27.3	Distinguish arteriosclerosis from atherosclerosis. Describe the pathogenesis and pathology of various causes and types of	Day 59 27.7.21	Lectur e/SGD	PA 27.1			Written/viva voce

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	arteriosclerosis; Describe the etiology, dynamics, pathology types and complications of aneurysms including aortic aneurysms Describe the etiology, types, stages pathophysiology, pathology and complications of heart failure						
PA 27.4,27.6,27.10	Describe the etiology, pathophysiology, pathology, gross and microscopic features, criteria and complications of rheumatic fever; Describe the etiology, pathophysiology, pathology, gross and microscopic features, diagnosis and complications of infective endocarditis; Describe the etiology, pathophysiology, pathology features and complications of syphilis on the cardiovascular system	Day60 29.7.21	Lecture/SGD	PA 27.4-6			Written/viva voce
PA 27.5	Describe the epidemiology, risk factors, etiology, pathophysiology, pathology, presentations, gross and microscopic features, diagnostic tests and complications of ischemic heart disease	Day 61 30.7.21	Lecture/SGD	PA 27.8			Written/viva voce
PA 27.7,27.9	Describe the etiology,	Day62	Lecture				Written/viva voce

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	pathophysiology, pathology, gross and microscopic features, diagnosis and complications of pericarditis and pericardial effusion; Classify and describe the etiology, types, pathophysiology, pathology, gross and microscopic features, diagnosis and complications of cardiomyopathies	3.8.21	e/SGD				
PA 28.1,28.2,28.3,28.4,	Describe the normal histology of the kidney; Define, classify and distinguish the clinical syndromes and describe the etiology, pathogenesis, pathology, morphology, clinical and laboratory and urinary findings, complications of renal failure; Define and describe the etiology, precipitating factors, pathogenesis, pathology, laboratory urinary findings, progression and complications of acute renal failure; Define and describe the etiology, precipitating factors, pathogenesis, pathology, laboratory urinary findings progression and complications of chronic renal failure	Day 63 5.8.21	Lecture/SGD				Written/viva voce
PA 28.12, 28.5,28.6,28.7	Define and classify glomerular diseases. Enumerate and describe the etiology, pathogenesis, mechanisms of	Day 65 6.8.21	Lecture/SGD	PA 28.12,			Written/viva voce

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	glomerular injury, pathology, distinguishing features and clinical manifestations of glomerulonephritis; Define and describe the etiology, pathogenesis, pathology, laboratory, urinary findings, progression and complications of IgA nephropathy; Define classify and describe the genetics, inheritance, etiology, pathogenesis, pathology, laboratory, urinary findings, distinguishing features, progression and complications of cystic disease of the kidney						
PA 28.8,28.9,28.10,28.11,28.15,28.13	Enumerate and classify diseases affecting the tubular Interstitium; Define and describe the etiology, pathogenesis, pathology, laboratory, urinary findings, progression and complications of acute tubular necrosis; Describe the etiology, pathogenesis, pathology, Human Anatomy findings, distinguishing features progression and complications of acute and chronic	Day 64 10.8.21	Lectur e/SGD	PA 28.13			Written/viva voce

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	<p>pyelonephritis and reflux nephropathy;                  Define classify and describe the etiology, pathogenesis pathology, laboratory, urinary findings, distinguishing features progression and complications of vascular disease of the kidney;                  Describe the etiology, genetics, pathogenesis, pathology, presenting features and progression of thrombotic angiopathies;                  Define classify and describe the etiology, pathogenesis, pathology, laboratory, urinary findings, distinguishing features progression and complications of renal stone disease and obstructive uropathy</p>						
PA 28.14,28.16	<p>Classify and describe the etiology, genetics, pathogenesis, pathology, presenting features, progression and spread of renal tumors;                  Describe the etiology, genetics, pathogenesis,</p>	Day 66 12.8.21	Lecture/SGD	PA 28.14			Written/viva voce

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	pathology, presenting features and progression of urothelial tumors						
PA 29.1	Classify testicular tumors and describe the pathogenesis, pathology, presenting and distinguishing features, diagnostic tests, progression and spread of testicular tumors	Day 67 13.8.21	Lecture/SGD	PA 29.1			Written/viva voce
PA 29.2- 29.5	Describe the pathogenesis, pathology, presenting and distinguishing features, diagnostic tests, progression and spread of carcinoma of the penis; Describe the pathogenesis, pathology, hormonal dependency presenting and distinguishing features, urologic findings & diagnostic tests of benign prostatic hyperplasia; Describe the pathogenesis, pathology, hormonal dependency presenting and distinguishing features, diagnostic tests, progression and spread of carcinoma of the prostate; Describe the etiology, pathogenesis, pathology and	Day 68 17.8.21	Lecture/SGD	PA 29.2,29.3			Written/viva voce

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	progression of prostatitis						
PA 30.1, 30.4	Describe the epidemiology, pathogenesis, etiology, pathology, screening, diagnosis and progression of carcinoma of the Cervix; Classify and describe the etiology, pathogenesis, pathology, morphology, clinical course, spread and complications of ovarian tumors	Day 69 20.8.21	Lecture/SGD	PA 30.1			Written/viva voce
PA 30.2, 30.3, 30.5-30.9	Describe the pathogenesis, etiology, pathology, diagnosis and progression and spread of carcinoma of the endometrium; Describe the pathogenesis, etiology, pathology, diagnosis and progression and spread of carcinoma of the leiomyomas and leiomyosarcomas; Describe the etiology and morphologic features of adenomyosis; Describe the etiology, hormonal dependence and morphology of endometrial hyperplasia	Day 70 24.8.21	Lecture/SGD	PA 30.3,30.4			Written/viva voce
PA 31.1, 31.2, 31.4	Classify and describe the types, etiology, pathogenesis, hormonal dependency of	Day 71 26.8.21	Lecture/SGD	PA31.2,31.3			Written/viva voce

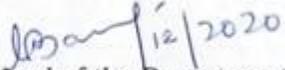
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	benign breast; Classify and describe the epidemiology, pathogenesis, classification, morphology, prognostic factors, hormonal dependency, staging and spread of carcinoma of the breast; Enumerate and describe the etiology, hormonal dependency and pathogenesis of gynecomastia						
PA 32.1-32.3,32.5	Enumerate, classify and describe the etiology, pathogenesis, pathology and iodine dependency of thyroid swellings; Describe the etiology, cause, iodine dependency, pathogenesis, manifestations, laboratory and imaging features and course of thyrotoxicosis; Describe the etiology, pathogenesis, manifestations, laboratory and imaging features and course of thyrotoxicosis/hypothyroidism	Day 72 27.8.21	Lecture/SGD				Written/viva voce
PA 32.6-32.9	Describe the etiology, pathogenesis, manifestations, morphologic features, complications and metastases of pancreatic cancer; Describe the etiology, pathogenesis, manifestations,	Day73 31.8.21	Lecture/SGD			Surgery	Written/viva voce

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	laboratory, morphologic features, complications of adrenal insufficiency; Describe the etiology, pathogenesis, manifestations, laboratory, morphologic features, complications of Cushing's syndrome; Describe the etiology, pathogenesis, manifestations, laboratory and morphologic features of adrenal neoplasms						
PA 32.4	Classify and describe the epidemiology, etiology, pathogenesis, pathology, clinical laboratory features, complications and progression of diabetes mellitus	Day 75 2.9.21	Lecture/SGD			General Medicine	Written/viva voce
PA 33.1, 33.5		Day 76	Lecture/SGD	PA 33.1			Written/viva voce
PA 33.2, 33.4		Day77	Lecture/SGD	PA 33.2			Written/viva voce
PA 33.3		Day78	Lecture/SGD				Written/viva voce
PA34.1-34.3		Day 79	Lecture/SGD	PA 34.4			Written/viva voce
Pa 35.1,35.2,36.1		Day80	Lecture/SGD	PA 35.3			Written/viva voce

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Signature of Head of the Department

Serial No.	DAY	Type of Class	Original Topic	Microbiology	Microbiology DOAP/ SGD (2.30-4.30PM)Every day (Batch A to E)	HI (Pathology)	HI (Pharmacolog)	Vertical Integration
MI 1.1	Day 1 Mon 1.30 pm – 2.30 pm	LECTURE / SMALL GROUP DISCUSSION (SGD)	Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease	Describe the different causative agents of Infectious diseases and discuss the role of microbes in health and disease	Perform and identify the different causative agents of Infectious diseases by Gram Stain, ZN stain and stool routine microscopy (Introduction)			
MI 1.2		DOAP SESSION	Perform and identify the different causative agents of Infectious diseases by Gram Stain, ZN stain and stool routine microscopy					
PA 10.4	Day 2 Tue 8-9 am	LECTURE / SMALL GROUP DISCUSSION	Define and describe the pathogenesis and pathology of common bacterial, viral, protozoal and helminthic diseases	Discuss the methods used in detection of common infectious diseases Define pathogenesis of common bacterial, viral, protozoal and helminthic diseases		Pathology Define and describe the pathogenesis and pathology of common bacterial, viral, protozoal and helminthic diseases		General Medicine Community Medicine Epidemiological basis of common infectious diseases
MI 1.3		LECTURE	Describe the epidemiological basis of common infectious diseases					
MI 1.4	Day 3 Fri 12-1 pm	LECTURE / SMALL GROUP DISCUSSION	Classify and describe the different methods of sterilization and disinfection. Discuss the application of the different methods in the laboratory, in clinical and surgical practice	Classify and describe the different methods of sterilization and disinfection. Discuss the application of the different methods in the laboratory	Show various instruments and their application			General Surgery Discuss the application of the different methods of sterilization in clinical and surgical practice
MI 1.5	Day 4 Mon 1.30-2.30 pm	SMALL GROUP DISCUSSION / CASE DISCUSSION	Choose the most appropriate method of sterilization and disinfection to be used in specific situations in the laboratory, in clinical and surgical practice	Choose the most appropriate method of sterilization and disinfection to be used in specific situations in the laboratory	Choose the most appropriate method of sterilization and disinfection used in laboratory Describe aseptic techniques, sterilization and disinfection			General Surgery Choose the most appropriate method of sterilization and disinfection used in clinical and surgical practice. Describe aseptic techniques, sterilization and disinfection
SU 14.1		LECTURE / SMALL GROUP DISCUSSION	Describe aseptic techniques, sterilization and disinfection					
	Day 5 Tue 8-9 am	LECTURE / SMALL GROUP DISCUSSION / HOSP. VISIT	Define and classify hospital waste	Define and classify hospital waste Describe Classification of hospital waste and appropriate methods of				Community Medicine General Surgery Define and classify hospital waste Describe various

M 14.2		LECTURE / SMALL GROUP DISCUSSION / HOSP. VISIT	Describe various methods of treatment of hospital waste	disposal				methods of treatment of hospital waste Describe laws related to hospital waste management Describe Classification of hospital waste and appropriate methods of disposal
CM 14.3		LECTURE / SMALL GROUP DISCUSSION	Describe laws related to hospital waste management					
SU 15.1		LECTURE / SMALL GROUP DISCUSSION	Describe Classification of hospital waste and appropriate methods of disposal					
MI 1.7	Day 6 Fri 12-1 pm	LECTURE	Describe the immunological mechanisms in health	Describe the immunological mechanisms in health		Pathology Describe the mechanism of immunity		Pediatrics Response of the host immune system to infections
MI 1.8		LECTURE	Describe the mechanisms of immunity and response of the host immune system to infections	Describe the principles in immunity				
PA 9.1	Day 7 Mon 1.30 – 2.30 pm	LECTURE / SMALL GROUP DISCUSSION	Describe the principles and mechanisms involved in immunity	Describe response of the host immune system to infections	<b>Assessment</b>	Pathology Describe the mechanisms involved in immunity		Pediatrics Universal Immunisation schedule
MI 1.9	Day 8 Tue 8-9 am	LECTURE	Discuss the immunological basis of vaccines and describe the Universal Immunisation schedule	Describe immunity & immunological basis of vaccines		Pathology Describe concepts involved in vaccine development.		Biochemistry, Pediatrics Describe concepts involved in vaccine development.
BI 10.5		LECTURE / SMALL GROUP DISCUSSION	Describe antigens and concepts involved in vaccine development.	Describe antigens				
MI 1.10	Day 9 Fri 12-1 pm	LECTURE	Describe the immunological mechanisms in immunological disorder (hypersensitivity, autoimmune disorders and immunodeficiency states) and discuss the laboratory methods used in detection.	Describe the immunological mechanisms in hypersensitivity and discuss the laboratory methods used in detection.		Pathology Describe the mechanism of hypersensitivity reactions		Paediatrics Autoimmune disorders and immunodeficiency states
PA 9.2		LECTURE / SMALL GROUP DISCUSSION	Describe the mechanism of hypersensitivity reactions					

MI 1.11	Day 10 Mon 1.30 - 2.30 pm	LECTURE	Describe the immunological mechanisms of transplantation and tumor immunity	Describe the immunological mechanisms of transplantation and tumor immunity Describe the immune response to cancer	Describe the HLA system	Pathology Describe the immunology of cancer, HLA system and the immune principles involved in transplant and mechanism of transplant rejection		
PA 7.5		LECTURE / SMALL GROUP DISCUSSION	Describe the immunology and the immune response to cancer					
PA 9.3		LECTURE / SMALL GROUP DISCUSSION	Describe the HLA system and the immune principles involved in transplant and mechanism of transplant rejection					
SU 13.1	Day 11	LECTURE / SGD	Describe the immunological basis of organ transplantation	Describe the immunological basis of organ transplantation Discuss the Principles of immunosuppressive therapy.			Pharmacology Enumerate Indications of organ transplantation	General Surgery Enumerate Indications, describe surgical principles, management of organ transplantation
SU 13.2	Tue 8-9 am	LECTURE / SMALL GROUP DISCUSSION	Discuss the Principles of immunosuppressive therapy. Enumerate Indications, describe surgical principles, management of organ transplantation					
PE 19.1	Day 12 Fri 12-1 pm	LECTURE / SMALL GROUP DISCUSSION	Explain the components of the Universal immunization Program and the sub National Immunization Programs	Explain the components of the Universal immunization Program. Explain the epidemiology of Vaccine preventable diseases				Pediatrics, Community Medicine Explain the epidemiology of Vaccine preventable diseases
PE 19.2		LECTURE / SGD	Explain the epidemiology of Vaccine preventable diseases					
PE 19.3	Day 13 Mon 1.30 – 2.30 pm	LECTURE / SMALL GROUP DISCUSSION	Vaccine description with regard to classification of vaccines, strain used, dose, route, schedule, risks, benefits and side effects, indications and contraindication	Vaccine description with regard to strain used, dose, route, schedule, risks, benefits and side effects	<b>Assessment</b>			Pediatrics, Community Medicine Vaccine description with regard to classification indications and contraindication Define cold chain and discuss the methods of safe storage and handling of vaccines Discuss immunization in special situations
PE 19.4		LECTURE / SGD	Define cold chain and discuss the methods of safe storage and handling of vaccines					
PE 19.5		LECTURE / SMALL GROUP DISCUSSION	Discuss immunization in special situations – HIV positive children, immunodeficiency, preterm, organ transplants, those who received blood and blood products, splenectomised children, adolescents, travellers					

MI 6.1	Day 14 Tue 8-9 am	LECTURE / SMALL GROUP DISCUSSION	Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract	Describe the etio-pathogenesis and laboratory diagnosis of upper and lower respiratory tract infections	Sputum Examination			General Medicine Describe the prevention of Infections of upper and lower respiratory tract
PA 26.1	Day 15 Fri 12-1 pm	LECTURE / SMALL GROUP DISCUSSION	Define and describe the etiology, types, pathogenesis, stages, morphology and complications of pneumonia	Define and describe the etiology, morphology of pneumonia	Show slide of Str.pneumoniae	Pathology Describe the types, pathogenesis, stages, morphology of pneumonia		General Medicine Describe complications of pneumonia
IM 3.2	Day 16 Mon 1.30-2.30 pm	LECTURE / SMALL GROUP DISCUSSION	Discuss and describe the aetiology of various kinds of pneumonia and their microbiology depending on the setting and immune status of the host	Discuss and describe the aetiology of various kinds of pneumonia and their microbiology	Identify the common etiologic agents of upper and lower respiratory tract infections (Gram Stain & Acid fast stain) Monday to Friday 2.30 – 4.30 pm.			General Medicine Discuss the etiology of pneumonia depending on host immune status
MI 6.2	2 -4 pm.	DOAP SESSION	Identify the common etiologic agents of upper respiratory tract infections (Gram Stain)					
MI 6.3		DOAP SESSION	Identify the common etiologic agents of lower respiratory tract infections (Gram Stain & Acid fast stain)					
IM 3.3	Day 17 Tue 8-9 am	LECTURE / SMALL GROUP DISCUSSION	Discuss and describe the pathogenesis, presentation, natural history and complications of pneumonia	Describe community acquired pneumonia, nosocomial pneumonia		Pathology Discuss and describe the pathogenesis, presentation, natural history and complications of pneumonia		Anatomy, General Medicine Define, discuss, describe and distinguish community acquired pneumonia, nosocomial pneumonia and aspiration pneumonia
IM 3.1		LECTURE / SMALL GROUP DISCUSSION	Define, discuss, describe and distinguish community acquired pneumonia, nosocomial pneumonia and aspiration pneumonia					
PA 26.2	Day 18 Fri 12-1 pm	LECTURE / SMALL GROUP DISCUSSION	Describe the etiology, gross and microscopic appearance and complications of lung abscess	Describe the etiology of lung abscess and OAD and bronchiectasis		Pathology Describe the gross and microscopic appearance of lung abscess Describe the types, pathogenesis, stages, morphology of OAD and bronchiectasis		General Medicine Describe the complications of lung abscess Physiology, General Medicine Describe the etiology, types, complications and evaluation of OAD and bronchiectasis
PA 26.3		LECTURE / SMALL GROUP DISCUSSION	Define and describe the etiology, types, pathogenesis, stages, morphology and complications and evaluation of Obstructive Airway Disease (OAD) and bronchiectasis					

PA 26.4	Day 19 Mon 1.30-2.30 pm.	LECTURE / SMALL GROUP DISCUSSION	Define and describe the etiology, types, pathogenesis, stages, morphology, microscopic appearance and complications of tuberculosis	Define and describe the etiology, types, morphology, microscopic appearance of tuberculosis	Perform and interpret a sputum gram stain and AFB stain Mon. to Friday	Pathology Define and describe the pathogenesis, stages microscopic appearance of tuberculosis		General Medicine Define and describe the complications of tuberculosis
IM 3.14		DOAP SESSION	Perform and interpret a sputum gram stain and AFB					
IM 4.13		DOAP SESSION	Perform and interpret a sputum gram stain					
IM 6.14		DOAP SESSION	Perform and interpret a gram stain of the sputum					
IM 6.14		DOAP SESSION	Perform and interpret a gram stain of the sputum					
CT 1.2	Day 20 Tue 8-9 am	LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the microbiology of tubercle bacillus, mode of transmission, pathogenesis, clinical evolution and natural history of pulmonary and extra pulmonary forms (including lymph node, bone and CNS)	Describe and discuss the microbiology of tubercle bacillus, mode of transmission, pathogenesis of pulmonary and extra pulmonary forms. Discuss and describe the impact of confection with HIV and other comorbid conditions like diabetes on the natural history of tuberculosis				Respiratory medicine Describe the mode of transmission, pathogenesis, clinical evolution and natural history of pulmonary and extra pulmonary forms. Discuss and describe the impact of confection with HIV and other comorbid conditions like diabetes on the natural history of tuberculosis
CT 1.3		LECTURE / SMALL GROUP DISCUSSION	Discuss and describe the impact of confection with HIV and other comorbid conditions like diabetes on the natural history of tb					
PE 34.1	Day 21 Fri 8-9 am	LECTURE / SMALL GROUP DISCUSSION	Discuss the epidemiology, clinical features, clinical types, complications of Tuberculosis in Children and Adolescents	Discuss the various diagnostic tools for childhood tuberculosis				Pediatrics, Respiratory Medicine Discuss the epidemiology, clinical features, clinical types, complications of Tuberculosis in Children and Adolescents
PE 34.2		LECTURE / SMALL GROUP DISCUSSION	Discuss the various diagnostic tools for childhood tuberculosis					
PH 1.45	Day 22	LECTURE	Describe the dugs used in MDR and XDR Tuberculosis	Describe the epidemiology, the predisposing factors and microbial factors that determine resistance to drugs	Perform and interpret an AFB stain of sputum Mon. to Friday 2.30 – 4.30 pm.		Pharmacology Describe the dugs used in MDR and XDR Tuberculosis	Respiratory Medicine Order and interpret diagnostic tests based on the clinical presentation including: CBC, Chest X ray PA view, Mantoux, sputum gram stain, sputum culture and sensitivity, pleural
CT 1.4	Mon 12-1 pm	LECTURE / SMALL GROUP DISCUSSION	Describe the epidemiology, the predisposing factors and microbial and therapeutic factors that determine resistance to drugs					
IM 3.7		BED SIDE CLINIC / DOAP SESSION	Order and interpret diagnostic tests based on the clinical presentation					

			including: CBC, Chest X ray PA view, Mantoux, sputum gram stain, sputum culture and sensitivity, pleural fluid examination and culture, HIV testing and ABG					fluid examination and culture, HIV testing and ABG
CT 1.10		DOAP SESSION	Perform and interpret an AFB stain					
IM 4.14		DOAP SESSION	Perform and interpret a sputum AFB					
PE 34.11		DOAP SESSION	Perform AFB staining					
PE 34.3	Day 23 Tue 8-9 am	LECTURE / SMALL GROUP DISCUSSION	Discuss the various regimens for management of Tuberculosis as per National Guidelines	Discuss the various regimens for management of Tuberculosis as per National Guidelines			Pharmacology Discuss the various regimens for management of Tuberculosis as per National Guidelines	Pediatrics, Respiratory Medicine, Community Medicine Discuss the preventive strategies adopted and the objectives and outcome of the National Tuberculosis Control Program
PE 34.4		LECTURE / SMALL GROUP DISCUSSION	Discuss the preventive strategies adopted and the objectives and outcome of the National Tuberculosis Control Program					
CT 1.12	Day 24 Fri 12-1 pm	LECTURE / SMALL GROUP DISCUSSION	Enumerate the indications for tests including: serology, special cultures and polymerase chain reaction and sensitivity testing	Enumerate the indications for tests including: serology, special cultures and polymerase chain reaction and sensitivity testing				Pediatrics, Respiratory Medicine Enumerate the indications for tests including: serology, special cultures and polymerase chain reaction and sensitivity testing
PE 34.9		BED SIDE CLINIC / SMALL GROUP DISCUSSION	Interpret blood tests in the context of laboratory evidence for tuberculosis	Discuss the various samples for demonstrating the organism eg Gastric Aspirate, Sputum, CSF, FNAC				Interpret blood tests in the context of laboratory evidence for tuberculosis
PE 34.10		BED SIDE CLINIC / SMALL GROUP DISC	Discuss the various samples for demonstrating the organism eg Gastric Aspirate, Sputum, CSF, FNAC					
CT 1.13	Day 25 Mon 1.30-2.30p m	LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the origins, indications, technique of administration, efficacy and complications of the BCG vaccine	Describe and discuss the origins, indications of BCG vaccine	Perform and interpret a PPD (Mantoux) and describe and discuss the indications and pitfalls of the test			Pediatrics, Respiratory Medicine, General Medicine Describe and discuss the origins, indications, technique of administration, efficacy and complications of the BCG vaccine
CT 1.7		DOAP SESSION	Perform and interpret a PPD (Mantoux) and describe and discuss the indications and pitfalls of the test					Perform and interpret
PE 34.6		BED SIDE CLINIC / SKILL	Identify a BCG scar					

		LABS						a PPD (Mantoux) and describe and discuss the indications and pitfalls of the test Identify a BCG scar
PE 34.7		BED SIDE CLINIC / SKILL LABS	Interpret a Mantoux test					
IM 4.20		DOAP SESSION	Interpret a PPD (Mantoux)					
PE 34.12	Day 26 Tue 8-9 am	SMALL GROUP DISCUSSION	Enumerate the indications and Discuss the limitation of methods of culturing M. tuberculosis	Enumerate the indications and Discuss the limitation of methods of culturing M. tuberculosis				Pediatrics General Medicine Discuss, describe and enumerate the indications and communicate to patients on pneumococcal and influenza vaccines
IM 3.19		LECTURE / SMALL GROUP DISCUSSION	Discuss, describe and enumerate the indications and communicate to patients on pneumococcal and influenza vaccines					
MI 3.1	Day 27 Fri 12-1 pm	LECTURE / SMALL GROUP DISCUSSION	Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents	Enumerate the microbial agents causing diarrhea and dysentery. Describe morphology and diagnostic modalities of these agents Describe and discuss the etiology of acute and chronic diarrhea - infectious causes		Pathology Describe the pathogenesis of the agents agents of diarrhea and dysentery		General Medicine ,Paediatrics Describe the epidemiology and clinical features of the agents agents of diarrhea and dysentery Describe the etiology of diarrhea in non-infectious causes
IM 16.1		LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the etiology of acute and chronic diarrhea including infectious and non-infectious causes					
PE 24.1	Day 28 Mon 1.30 – 2.30 pm	LECTURE / SMALL GROUP DISCUSSION	Discuss the etio-pathogenesis, classification, clinical presentation and management of diarrheal diseases in children	Discuss the etiology of diarrheal diseases in children	<b>Assessment</b>	Pathology Discuss the pathogenesis of diarrheal diseases in children		Pediatrics Discuss the classification, clinical presentation and management of diarrheal diseases in children
PE 24.2		LECTURE / SMALL GROUP DISCUSSION	Discuss the classification and clinical presentation of various types of diarrheal dehydration					
PE 24.5	Day 29 Tue 8-9 am	LECTURE / SMALL GROUP DISCUSSION	Discuss the role of antibiotics, antispasmodics, anti-secretory drugs, probiotics, anti- emetics in acute diarrheal diseases	Role of antibiotics in diarrhea			Pharmacology Discuss role of antibiotics, antispasmodics anti-secretory drugs, probiotics, anti- emetics in acute diarrheal diseases	Pediatrics General Medicine Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for bacterial, viral and other types of diarrhea
IM 6.13		LECTURE / SMALL GROUP DISCUSSION	Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for bacterial, viral and other types of diarrhea					

PE 24.6	Day 30 Fri 12-1 pm	LECTURE / SMALL GROUP DISCUSSION	Discuss the causes, clinical presentation and management of persistent diarrhoea in children	Interpret diagnostic tests		Pathology Discuss the causes of persistent diarrhoea in children		Pediatrics General Medicine Discuss the causes, clinical presentation and management of persistent diarrhoea in children
IM 16.8		BED SIDE CLINIC / SKILL LAB / SGD	Discuss the causes, clinical presentation and management of persistent diarrhoea in children					
PE 24.8	Day 31 Mon 1.30 – 2.30 pm	LECTURE / SMALL GROUP DISCUSSION	Discuss the causes, clinical presentation and management of dysentery in children	Discuss the causes of dysentery in children	Identify the common etiologic agents of diarrhea and dysentery Perform and interpret stool examination including Hanging Drop. Identify Vibrio cholerae in a hanging drop specimen		Pharmacology Discuss the management of dysentery in children	Pediatrics, General Medicine Discuss the clinical presentation and management of dysentery in children
MI 3.2		DOAP SESSION	Identify the common etiologic agents of diarrhea and dysentery					
PE 24.12		BED SIDE CLINIC / SKILL LABS	Perform and interpret stool examination including Hanging Drop					
IM 16.10		DOAP SESSION	Identify Vibrio cholera in a hanging drop specimen					
MI 3.5	Day 32 Tue 8-9 am	LECTURE / SMALL GROUP DISCUSSION	Enumerate the causative agents of food poisoning and discuss the pathogenesis, clinical course and laboratory diagnosis	Enumerate the causative agents and discuss the laboratory diagnosis of food poisoning			Pharmacology Discuss the pathogenesis of food poisoning	General Medicine Discuss the clinical course of food poisoning
MI 3.6	Day 33 Fri 12-1 pm	LECTURE / SMALL GROUP DISCUSSION	Describe the etio-pathogenesis of Acid peptic disease (APD) and the clinical course. Discuss the diagnosis and management of the causative agent of APD	Describe the etiology of Acid peptic disease (APD) (H.pylori)		Pathology Describe the pathogenesis of APD	Pharmacology Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy of acid peptic disease	General Medicine Describe the clinical course and diagnosis and management of APD
IM 15.15		LECTURE / SMALL GROUP DISCUSSION	Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy of APD including Helicobacter pylori					
IM 16.13	Day 34 Mon 1.30 – 2.30 pm	LECTURE / SMALL GROUP DISCUSSION	Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for parasitic causes of diarrhea	Enumerate the indications for stool cultures and blood cultures in patients with acute diarrhea	Identify common parasitic causes of diarrhea under the microscope in a stool specimen		Pharmacology Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for parasitic causes of	General Medicine
IM 16.11		LECTURE / SMALL GROUP DISCUSSION	Enumerate the indications for stool cultures and blood cultures in patients with acute diarrhea					
IM 16.9		DOAP	Identify common parasitic					

		SESSION	causes of diarrhea under the microscope in a stool specimen				diarrhea	
MI 3.7	Day 35 Tue 8-9 am	LECTURE / SMALL GROUP DISCUSSION	Describe the epidemiology, the etio-pathogenesis and discuss the viral markers in the evolution of Viral hepatitis. Discuss the modalities in the diagnosis and prevention of viral hepatitis	Describe the etiology and discuss the viral markers in the evolution of Viral hepatitis. Discuss the modalities in the diagnosis of viral hepatitis Choose the appropriate laboratory test in the diagnosis of viral hepatitis with emphasis on viral markers		Pathology Describe the pathogenesis of Viral hepatitis.		General Medicine Discuss the epidemiology and modalities of prevention of viral hepatitis
MI 3.8		SMALL GROUP DISCUSSION / CASE DISCUSSION	Choose the appropriate laboratory test in the diagnosis of viral hepatitis with emphasis on viral markers					
IM 5.4	Day 36 Fri 12-1 pm	LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the epidemiology, microbiology, immunology and clinical evolution of infective (viral) hepatitis	Describe and discuss the microbiology, immunology of infective (viral) hepatitis Discuss the prevention of Hep B infection		Pathology Discuss the etio-pathogenesis and management of Fulminant Hepatic Failure in children Discuss the etio-pathogenesis of chronic liver diseases in children		General Medicine Pediatrics Describe and discuss the epidemiology and clinical evolution of infective (viral) hepatitis Discuss the prevention of Hep B infection – Universal precautions and Immunisation Discuss the clinical features and management of Fulminant Hepatic Failure in children Discuss the clinical features and management of chronic liver diseases in children Outline a diagnostic approach to liver disease based on hyperbilirubinemia, liver function changes and hepatitis serology
PE 26.12		LECTURE / SGD ACTIVITY	Discuss the prevention of Hep B infection – Universal precautions and Immunisation					
PE 26.2		LECTURE / SMALL GROUP ACTIVITY	Discuss the etio-pathogenesis, clinical features and management of Fulminant Hepatic Failure in children					
PE 26.3		LECTURE / SMALL GROUP ACTIVITY	Discuss the etio-pathogenesis, clinical features and management of chronic liver diseases in children					
IM 5.14		BED SIDE CLINIC / SMALL GROUP DISCUSSION	Outline a diagnostic approach to liver disease based on hyperbilirubinemia, liver function changes and hepatitis serology					
IM 5.17		SMALL GROUP DISCUSSION	Enumerate the indications precautions and counsel patients on vaccination for hepatitis					

MI 3.3	Day 37 Mon 1.30 – 2.30 pm	LECTURE / SMALL GROUP DISCUSSION	Describe the enteric fever pathogens and discuss the evolution of the clinical course and the laboratory diagnosis of the diseases caused by them	Describe the enteric fever pathogens and discuss the laboratory diagnosis of the diseases caused by them	Identify the different modalities for diagnosis of enteric fever. Choose the appropriate test related to the duration of illness	Pathology Discuss the evolution of enteric fever	Pharmacology Discuss the management of enteric fever	General Medicine Discuss the clinical course of enteric fever
MI 3.4		DOAP SESSION	Identify the different modalities for diagnosis of enteric fever. Choose the appropriate test related to the duration of illness					
MI 7.1	Day 38 Tue 8-9 am	LECTURE / SMALL GROUP DISCUSSION	Describe the etio-pathogenesis and discuss the laboratory diagnosis of infections of genitourinary system	Describe the etiology and discuss the laboratory diagnosis of infections of genitourinary system				General Surgery Describe the pathogenesis of infections of genitourinary system
MI 7.3	Day 39 Fri 12-1 pm	LECTURE / SMALL GROUP DISCUSSION	Describe the etio-pathogenesis, clinical features, the appropriate method for specimen collection, and discuss the laboratory diagnosis of UTI	Describe the etio-pathogenesis and discuss the laboratory diagnosis of Urinary tract infections				General Medicine Describe clinical features and method for specimen collection, of Urinary tract infections General Surgery Describe the Clinical features and management of UTI Pediatrics - Enumerate the clinical features, complications and management of UTI in children
SU 29.3		LECTURE / SMALL GROUP DISCUSSION	Describe the Clinical features, Investigations and principles of management of urinary tract infections					
PE 21.1		LECTURE / SMALL GROUP DISCUSSION	Enumerate the etio-pathogenesis clinical features, complications and management of Urinary Tract infection in children					
MI 7.2	Day 40 Mon 1.30 – 2.30 pm	LECTURE / SMALL GROUP DISCUSSION	Describe the etio-pathogenesis and discuss the laboratory diagnosis of sexually transmitted infections. Recommend preventive measures	Describe the etiology and discuss the laboratory diagnosis of sexually transmitted infections.	<b>Assessment</b>			Dermatology, O&G Describe pathogenesis and preventive measures of sexually transmitted infections.
MI 2.7	Day 41 Tue 8-9 am	LECTURE / SMALL GROUP DISCUSSION	Describe the epidemiology, the etio- pathogenesis, evolution complications, opportunistic infections, diagnosis, prevention and the principles of management of HIV	Describe the epidemiology, the etiology, opportunistic infections, diagnosis of HIV		Pathology Describe pathogenesis and pathology of HIV and AIDS		General Medicine Describe the complications, prevention and management of HIV Dermatology, General Medicine Describe the etiology, pathogenesis and
PA 9.6		LECTURE / SMALL	Define and describe the pathogenesis and pathology					

		GROUP DISCUSSION	of HIV and AIDS					clinical features of the dermatologic manifestations of HIV and its complications including opportunistic infections. Identify and distinguish the dermatologic manifestations of HIV and adverse reactions
DR 11.1		LECTURE / SMALL GROUP DISCUSSION	Describe the etiology, pathogenesis and clinical features of the dermatologic manifestations of HIV and its complications including opportunistic infections					
DR 11.2		BED SIDE CLINIC	Identify and distinguish the dermatologic manifestations of HIV its complications, opportunistic infections and adverse reactions					
IM 6.1	Day 42 Fri 12-1 pm	LECTURE / SGD	Describe and discuss the symptoms and signs of acute HIV seroconversion	Define and classify HIV AIDS based on the CDC criteria Choose and interpret appropriate diagnostic tests to diagnose and classify the severity of HIV-AIDS including specific tests of HIV		Pathology	Pharmacology Describe and discuss the principles of HAART, the classes of group of antiretroviral used, adverse reactions and interactions Enumerate the indications of and discuss about prophylactic drugs used to prevent HIV related opportunistic infections Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for dermatologic lesions in HIV	General Medicine Describe and discuss the symptoms and signs of acute HIV seroconversion Describe and discuss the relationship between CDC count and the risk of opportunistic infections Dermatology, General Medicine Describe and discuss the principles and regimens used in post exposure prophylaxis
IM 6.2		LECTURE / SGD	Define and classify HIV AIDS based on the CDC criteria					
IM 6.3		LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the relationship between CDC count and the risk of opportunistic infections					
IM 6.4		LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the pathogenesis, evolution and clinical features of common HIV related opportunistic infections					
IM 6.10		BED SIDE CLINIC / DOAP SESSION / SMALL GROUP DISCUSS	Choose and interpret appropriate diagnostic tests to diagnose and classify the severity of HIV-AIDS including specific tests of HIV					
IM 6.17		LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the principles of HAART, the classes of group of antiretroviral used, adverse reactions and interactions					
IM 6.18		LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the principles and regimens used in post exposure prophylaxis					
IM 6.19		LECTURE / SMALL GROUP	Enumerate the indications of and discuss about prophylactic drugs used to					

		DISCUSSION	prevent HIV related opportunistic infections					
DR 11.3		LECTURE / SMALL GROUP DISCUSSION	Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for dermatologic lesions in HIV					
PA 27.10	Day 43 Mon 1.30-2.30 pm	LECTURE / SMALL GROUP DISCUSSION	Describe the etiology, pathophysiology, pathology features and complications of syphilis on the cardiovascular system	Describe the etiology of syphilis Identify and classify syphilis	Identify spirochete in a dark ground microscopy	Pathology Describe the pathophysiology, pathology features and complications of syphilis on the cardiovascular system	Pharmacology Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for syphilis	Dermatology, General Medicine Describe the and complications of syphilis on the cardiovascular system Identify and classify syphilis based on the presentation and clinical manifestations
DR 10.1		BED SIDE CLINIC	Identify and classify syphilis based on the presentation and clinical manifestations					
DR 10.2		DOAP SESSION	Identify spirochete in a dark ground microscopy					
DR 10.3		LECTURE / SMALL GROUP DISCUSSION	Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for syphilis					
DR 10.6	Day 44 Tue 8-9 am	LECTURE / SMALL GROUP DISCUSSION	Describe the etiology, diagnostic and clinical features of nonsyphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)	Describe the etiology, diagnostic of nonsyphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)			Pharmacology Enumerate the indications and describe the pharmacology, indications and adverse reactions of drugs used in the non-syphilitic sexually transmitted diseases Describe the mechanisms of action, types, doses, side effects, indications and contraindications	Dermatology, General Medicine Describe the clinical features of nonsyphilitic sexually transmitted diseases (chancroid, donovanosis and LGV) Identify and differentiate based on the clinical features nonsyphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)
DR 10.7		BED SIDE CLINIC	Identify and differentiate based on the clinical features nonsyphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)					
DR 10.8		LECTURE / SMALL GROUP DISCUSSION	Enumerate the indications and describe the pharmacology, indications and adverse reactions of drugs used in the non-syphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)					

PH 1.48		LECTURE	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV				ns of the drugs used in UTI/ STD and viral diseases including HIV	
MI 4.1	Day 45 Fri 12-1 pm	LECTURE	Enumerate the microbial agents causing anaerobic infections. Describe the etiopathogenesis clinical course and discuss the laboratory diagnosis of anaerobic infections	Enumerate the microbial agents causing anaerobic infections. Describe the etiopathogenesis and discuss the laboratory diagnosis of anaerobic infections				General Medicine Describe the clinical course of anaerobic infections
MI 4.2	Day 46 Mon 1.30 – 2.30 pm	LECTURE	Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of bone & joint infections	Describe the etiology and discuss the laboratory diagnosis of bone & joint infections, infections of skin and soft tissues Classify and describe the etiology of osteomyelitis	Identify staphylococcus on a gram stain	Pathology Classify and describe the pathogenesis, manifestations, radiologic and morphologic features and complications of osteomyelitis		Orthopaedics, Dermatology, General Surgery, Anatomy  Describe the clinical course of bone & joint infections Discuss the clinical course of infections of skin and soft tissue Describe and discuss the aetiopathogenesis, clinical features, Investigations and principles of management of Bone and Joint infections a) Acute Osteomyelitis b) Subacute osteomyelitis c) Acute Suppurative arthritis d) Septic arthritis & HIV infection
MI 4.3		LECTURE	Describe the etiopathogenesis of infections of skin and soft tissues and discuss the clinical course and the laboratory diagnosis					
DR 15.2		BED SIDE CLINIC	Identify staphylococcus on a gram stain					
PA 33.1		LECTURE / SMALL GROUP DISCUSSION	Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications of osteomyelitis					
OR 3.1		LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the aetiopathogenesis, clinical features, Investigations and principles of management of Bone and Joint infections a) Acute Osteomyelitis b) Subacute osteomyelitis c) Acute Suppurative arthritis d) Septic arthritis & HIV infection					
PA 10.3	Day 47 Tue 8-9	LECTURE / SMALL GROUP DISCUSSION	Define and describe the pathogenesis and pathology of leprosy	Classify, describe the etiology, microbiology and diagnostic features of Leprosy		Pathology Define and describe the pathogenesis and pathology of leprosy	Pharmacology Describe the mechanisms of action, types,	Dermatology, General Medicine, Community Medicine Classify, describe the

PH 1.46	am	LECTURE	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antileprotic drugs				doses, side effects, indications and contraindications of antileprotic drugs	epidemiology, pathogenesis and clinical presentations and diagnostic features of Leprosy
DR 9.1		LECTURE / SMALL GROUP DISCUSSION	Classify, describe the epidemiology, etiology, microbiology, pathogenesis and clinical presentations and diagnostic features of Leprosy					
DR 8.1	Day 48 Fri 12-1 pm	LECTURE / SMALL GROUP DISCUSSION	Describe the etiology microbiology pathogenesis and clinical presentations and diagnostic features of common viral infections of the skin	Describe the etiology microbiology and diagnostic features of common viral infections of the skin		Pathology Describe the pathogenesis of common viral infections of the skin Describe the etiology, pathogenesis and clinical precipitating features and classification of Urticaria and angioedema and pediculosis	Pharmacology Enumerate the indications and describe the pharmacology, indications and adverse reactions of topical and systemic drugs used in treatment of pyoderma	Dermatology, Paediatrics, General Medicine Describe the clinical presentations and diagnostic features of common viral infections of the skin Identify and distinguish fixed drug eruptions and Steven Johnson syndrome from other skin lesions Describe the etiology pathogenesis and diagnostic features of pediculosis
DR 12.7		BED SIDE CLINIC	Identify and distinguish fixed drug eruptions and Steven Johnson syndrome from other skin lesions					
DR 14.1		LECTURE / SMALL GROUP DISCUSSION	Describe the etiology, pathogenesis and clinical precipitating features and classification of Urticaria and angioedema					
DR 6.1		LECTURE / SMALL GROUP DISCUSSION	Describe the etiology pathogenesis and diagnostic features of pediculosis					
DR 15.3		LECTURE / SMALL GROUP DISCUSSION	Enumerate the indications and describe the pharmacology, indications and adverse reactions of topical and systemic drugs used in treatment of pyoderma					
DR 7.1	Day 49 Mon 1.30 – 2.30 pm	LECTURE / SMALL GROUP DISCUSSION	Describe the etiology microbiology pathogenesis and clinical presentations and diagnostic features of dermatophytes	Describe the etiology microbiology pathogenesis and diagnostic features of dermatophytes	Identify candida species in fungal scrapings and KOH mount		Pharmacology Describe the pharmacology and action of antifungal (systemic and topical) agents. Enumerate side effects of	Dermatology, Pediatrics Describe the and clinical presentations of dermatophytes
DR 7.2		DOAP SESSION	Identify candida species in fungal scrapings and KOH mount					
DR 7.3		LECTURE /	Describe the pharmacology					

		SMALL GROUP DISCUSSION	and action of antifungal (systemic and topical) agents. Enumerate side effects of antifungal therapy				antifungal therapy	
DE 1.2	Day 50 Tue 8-9 am	LECTURE / SMALL GROUP DISCUSSION	Discuss the role of causative microorganisms in the aetiopathogenesis of dental caries	Discuss the role of causative microorganisms in dental caries				Dentistry, General Medicine Discuss the aetiopathogenesis of dental caries as a focus of sepsis
DE1.4		LECTURE / SGD	Discuss the role of dental caries as a focus of sepsis					
MI 2.1	Day 51 Fri 12-1 pm	LECTURE / SGD	Describe the etiologic agents in rheumatic fever and their diagnosis	Describe the etiologic agents in rheumatic fever and their diagnosis		Pathology Describe the pathophysiology, pathology, gross and microscopic features, criteria and complications of rheumatic fever	Pharmacology Describe and discuss the role of penicillin prophylaxis in the prevention of rheumatic heart disease	General Medicine Describe and discuss the clinical presentation and features, diagnosis, recognition and management of acute rheumatic fever
PA 27.4		LECTURE / SMALL GROUP DISCUSSION	Describe the etiology, pathophysiology, pathology, gross and microscopic features, criteria and complications of rheumatic fever					
IM 1.9		LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the clinical presentation and features, diagnosis, recognition and management of acute rheumatic fever					
IM 1.27		BED SIDE CLINIC / SGD	Describe and discuss the role of penicillin prophylaxis in the prevention of rheumatic heart disease					
MI 2.2	Day 52 Mon 1.30 – 2.30 pm	LECTURE / SMALL GROUP DISCUSSION	Describe the classification etio-pathogenesis, clinical features and discuss the diagnostic modalities of Infective endocarditis	Describe the classification etio-pathogenesis and discuss the diagnostic modalities of Infective endocarditis	Identify the microbial agents causing Rheumatic Heart Disease & infective Endocarditis	Pathology Describe the pathophysiology, pathology, gross and gross and microscopic, features diagnosis and complications of infective endocarditis		Physiology, General Medicine Pediatrics, Physiology, Describe and discuss the clinical evolution of rheumatic fever, criteria, degree of rheumatic activity and rheumatic valvular heart disease and its complications including infective endocarditis
PA 27.6		LECTURE / SMALL GROUP DISCUSSION	Describe the etiology, pathophysiology, pathology, gross and gross and microscopic, features diagnosis and complications of infective endocarditis					
IM 1.3		LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the aetiology, microbiology, pathogenies and clinical evolution of rheumatic fever, criteria, degree of rheumatic activity and rheumatic					

			valvular heart disease and its complications including infective endocarditis					
PE 23.6		LECTURE / SMALL GROUP DISCUSSION	Discuss the etio-pathogenesis and clinical features and management of Infective endocarditis in children					
MI 2.3		DOAP SESSION	Identify the microbial agents causing Rheumatic Heart Disease & infective Endocarditis					
MI 2.4	Day 53 Tue 8-9 am	LECTURE / SMALL GROUP DISCUSSION	List the common microbial agents causing anemia. Describe the morphology, mode of infection and discuss the pathogenesis. clinical course, diagnosis and prevention and treatment of common microbial agents causing Anemia	List the common microbial agents causing anemia. Describe diagnosis of common microbial agents causing Anemia.		Pathology (Describe the morphology, mode of infection and discuss the pathogenesis of anaemia).		General Medicine (Describe the clinical course, diagnosis and prevention and treatment of common microbial agents causing Anemia).
MI 2.5	Day 54 Fri 12-1 pm	LECTURE / SMALL GROUP DISCUSSION	Describe the etio-pathogenesis and discuss the clinical evolution and the laboratory diagnosis of kalaazar, malaria, filariasis and other common parasites prevalent in India	Describe the etiology and the laboratory diagnosis of kalaazar, malaria, filariasis and other common parasites prevalent in India		Describe the pathogenesis of kalaazar, malaria, filariasis and other common parasites prevalent in India		General Medicine (Discuss the clinical evolution of kalaazar, malaria, filariasis and other common parasites prevalent in India).
PA 10.1	Day 55 Mon 1.30 – 2.30 pm	LECTURE / SMALL GROUP DISCUSSION	Define and describe the pathogenesis and pathology of malaria	Describe the etiology and diagnosis of kalaazar, malaria, filariasis and other common parasites prevalent in India	Identify the causative agent of malaria and filariasis. Interpret a malarial smear	Pathology Define and describe the pathogenesis and pathology of malaria	Pharmacology Prescribe drugs for malaria, prevalence of drug resistance and national programs Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in malaria, KALAAZAR,	General Medicine Counsel the patient on malarial prevention Perform a malarial smear
MI 2.6		DOAP SESSION	Identify the causative agent of malaria and filariasis					
IM 4.15		DOAP SESSION	Perform and interpret a malarial smear					
IM 4.23		SMALL GROUP DISCUSSION	Prescribe drugs for malaria based on the species identified, prevalence of drug resistance and national programs					
IM 4.26		DOAP SESSION	Counsel the patient on malarial prevention					
PH 1.47		LECTURE	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs					

			used in malaria, KALAAZAR, amebiasis and intestinal helminthiasis				amebiasis and intestinal helminthiasis	
IM 4.6		LECTURE / SGD	Discuss and describe the pathophysiology and manifestations of malaria					
PA 10.2	Day 56 Tue 8-9	LECTURE / SMALL GROUP DISCUSSION	Define and describe the pathogenesis and pathology of cysticercosis	Describe the etiology and diagnosis of cysticercosis		Pathology Describe pathology of cysticercosis		General Medicine Describe the clinical features of cysticercosis
MI 8.3	Day 57 Fri 12-1 pm	LECTURE	Describe the role of oncogenic viruses in the evolution of virus associated malignancy	Describe the role of oncogenic viruses in the evolution of virus associated malignancy				Describe the relationship between infection and cancers
IM 13.3		LECTURE / SMALL GROUP DISCUSSION	Describe the relationship between infection and cancers					
MI 5.1	Day 58 Mon 1.30 – 2.30 pm	LECTURE	Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of meningitis	Describe the etiology, and discuss the laboratory diagnosis of meningitis and encephalitis	Identify the microbial agents causing meningitis	Pathology Describe the pathogenesis of meningitis and encephalitis Identify the etiology of meningitis based on given CSF parameters		General Medicine ,Paediatrics Describe the clinical course of meningitis and encephalitis
MI 5.2		LECTURE	Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of encephalitis					
MI 5.3		DOAP SESSION	Identify the microbial agents causing meningitis					
PA 35.3		DOAP SESSION	Identify the etiology of meningitis based on given CSF parameters					
PE 30.21		SMALL GROUP DISCUSSION	Interpret and explain the findings in a CSF analysis					
PA 35.1	Day 59 Tue 8-9 am	LECTURE / SMALL GROUP DISCUSSION	Describe the etiology, types and pathogenesis, differentiating factors, CSF findings in meningitis	Describe the etiology, types of meningitis Distinguish bacterial, viral and tuberculous meningitis		Pathology Describe the pathogenesis, differentiating factors, CSF findings in meningitis  Demonstrate in a mannequin or equivalent the correct technique for		General Medicine Pediatrics, Respiratory Medicine Describe the differentiating factors, CSF findings in meningitis Discuss clinical features, complications, management and
PE 30.1		LECTURE / SMALL GROUP DISCUSSION	Discuss the etiopathogenesis, clinical features, complications, management and prevention of meningitis in children					
PE 30.2		LECTURE / SGD	Distinguish bacterial, viral and tuberculous meningitis					

IM 17.7		SGD / BED SIDE CLINIC	Enumerate the indications and describe the findings in the CSF in patients with meningitis			performing a lumbar puncture		prevention of meningitis in children Enumerate the indications and describe the findings in the CSF in patients with meningitis.
IM 17.8		DOAP SESSION	Demonstrate in a mannequin or equivalent the correct technique for performing a lumbar puncture					Interpret the CSF findings when presented with various parameters of CSF fluid analysis
IM 17.9		SGD / BED SIDE CLINIC	Interpret the CSF findings when presented with various parameters of CSF fluid analysis					
PE 30.13	Day 60 Fri 12- 1pm	LECTURE / SMALL GROUP DISCUSSION	Discuss the etio-pathogenesis, clinical features, management and prevention of Poliomyelitis in children	Discuss the etio-pathogenesis of Poliomyelitis in children				Paediatrics Discuss clinical features, management prevention of Polio myelitis in children
MI 8.1	Day 61 Mon 1.30 – 2.30 pm	LECTURE / SMALL GROUP DISCUSSION	Enumerate the microbial agents and their vectors causing Zoonotic diseases. Describe the morphology, mode of transmission, pathogenesis and discuss the clinical course laboratory diagnosis and Prevention	Enumerate the microbial agents and their vectors causing Zoonotic diseases. Describe the morphology, mode of transmission, pathogenesis and laboratory diagnosis.				General Medicine Community Medicine discuss the clinical course and prevention of zoonotic diseases. Discuss the clinical course and diagnosis
MI 8.4		LECTURE / SMALL GROUP DISCUSSION	Describe the etiologic agents of emerging Infectious diseases. Discuss the clinical course and diagnosis	Describe the etiologic agents of emerging Infectious diseases.				
IM 25.1	Day 62 Tue 8-9 am	LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the response and the influence of host immune status, risk factors and comorbidities on zoonotic disease (eg. Leptospirosis, Rabies) and non febrile infectious disease (eg. Tetanus)	Describe and discuss the response and the influence of host immune status, risk factors and comorbidities on zoonotic disease (eg. Leptospirosis, Rabies) and non febrile infectious disease (eg. Tetanus)				General Medicine Community Medicine Describe and discuss the common causes pathophysiology and manifestations of these diseases Describe the role of vectors in the causation of diseases. Also discuss National Vector Borne disease Control Program Identify and describe the identifying features and life cycles of vectors of Public
IM 25.2		LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the common causes pathophysiology and manifestations of these diseases					
IM 25.3		LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the pathophysiology and manifestations of these diseases					

CM 3.6		LECTURE / SMALL GROUP DISCUSSION	Describe the role of vectors in the causation of diseases. Also discuss National Vector Borne disease Control Program					Health importance and their control measures
CM 3.7		LECTURE / SMALL GROUP DISCUSSION , DOAP SESSION	Identify and describe the identifying features and life cycles of vectors of Public Health importance and their control measures					
MI 8.5	Day 63 Fri 12-1 pm	LECTURE / SMALL GROUP DISCUSSION	Define Healthcare Associated Infections (HAI) and enumerate the types. Discuss the factors that contribute to the development of HAI and the methods for prevention.	Define Healthcare Associated Infections (HAI) and enumerate the types. Describe the basics of Infection control				General Medicine, Community Medicine Discuss the factors that contribute to the development of HAI and the methods for prevention. Demonstrate Infection control practices and use of Personal Protective Equipments (PPE) General surgery Define and describe the aetiology and pathogenesis of surgical infections
MI 8.6		LECTURE / SGD	Describe the basics of Infection control					
MI 8.7		DOAP SESSION	Demonstrate Infection control practices and use of Personal Protective Equipments (PPE)					
SU 6.1		LECTURE / SGD	Define and describe the aetiology and pathogenesis of surgical infections					
MI 8.9	Day 64 Mon 1.30 – 2.30 pm	LECTURE / SMALL GROUP DISCUSSION	Discuss the appropriate method of collection of samples in the performance of laboratory tests in the detection of microbial agents causing infectious diseases	Discuss the appropriate method of collection of samples in the performance of laboratory tests in the detection of microbial agents causing infectious diseases. Discuss confidentiality pertaining to patient identity in laboratory results. Choose the appropriate laboratory test in the diagnosis of the infectious disease Choose and Interpret the results of the laboratory tests used in diagnosis of	Demonstrate the appropriate method of collection of samples in the performance of laboratory tests in the detection of microbial agents causing Infectious diseases Demonstrate respect for patient samples sent to the laboratory for performance of laboratory tests in the detection of microbial agents			AETCOM Demonstrate confidentiality pertaining to patient identity in laboratory results General surgery Choose appropriate biochemical, microbiological, pathological, imaging investigations and interpret the investigative data in a surgical patient
MI 8.10		DOAP SESSION	Demonstrate the appropriate method of collection of samples in the performance of laboratory tests in the detection of microbial agents causing Infectious diseases					
MI 8.11		DOAP SESSION	Demonstrate respect for patient samples sent to the laboratory for performance of laboratory tests in the detection of microbial agents causing Infectious diseases					

MI 8.12		LECTURE / SMALL GROUP DISCUSSION	Discuss confidentiality pertaining to patient identity in laboratory results	the infectious disease	causing Infectious diseases			
MI 8.13		SMALL GROUP DISCUSSION / CASE DISCUSSION	Choose the appropriate laboratory test in the diagnosis of the infectious disease					
MI 8.14		DOAP SESSION	Demonstrate confidentiality pertaining to patient identity in laboratory results					
MI 8.15		SMALL GROUP DISCUSSION / CASE DISCUSSION	Choose and Interpret the results of the laboratory tests used in diagnosis of the infectious disease					
SU 9.1		LECTURE / SMALL GROUP DISCUSSION	Choose appropriate biochemical, microbiological, pathological, imaging investigations and interpret the investigative data in a surgical patient					
MI 8.16	Day 65 Tue 8-9 am	LECTURE	Describe the National Health Programs in the prevention of common infectious disease (for information purpose only as taught in CM)					Community Medicine
CM 7.7		SMALL GROUP DISCUSSION / DOAP SESSION	Describe and demonstrate the steps in the Investigation of an epidemic of communicable disease and describe the principles of control measures					
CM 8.1		LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases					
MI 8.8	Day 66 Fri 12-1 pm	LECTURE / SMALL GROUP DISCUSSION	Describe the methods used and significance of assessing the microbial contamination of food, water and air	Describe the methods used and significance of assessing the microbial contamination of food, water and air				General Medicine Paediatrics Describe food hygiene Describe the aetiology and basis of water borne diseases/
CM 5.7		LECTURE / SGD	Describe food hygiene					

CM 3.3		LECTURE / SMALL GROUP DISCUSSION , DOAP SESSION	Describe the aetiology and basis of water borne diseases/ jaundice/hepatitis/ diarrheal diseases					jaundice/hepatitis/ diarrheal diseases
MI 1.6	Day 67 Mon 1.30 – 2.30 pm	LECTURE / SMALL GROUP DISCUSSION	Describe the mechanisms of drug resistance, and the methods antimicrobial susceptibility testing and monitoring of antimicrobial therapy	Describe the methods antimicrobial susceptibility testing			Pharmacology Describe the mechanisms of drug resistance and monitoring of antimicrobial therapy	General Medicine Paediatrics Describe and discuss the rational use of antimicrobials including antibiotic stewardship program Select, describe and prescribe based on culture and sensitivity appropriate empirical antimicrobial based on the pharmacology and antimicrobial spectrum
PH 1.43		LECTURE	Describe and discuss the rational use of antimicrobials including antibiotic stewardship program					
IM 3.13		BED SIDE CLINIC / DOAP SESSION	Select, describe and prescribe based on culture and sensitivity appropriate empirical antimicrobial based on the pharmacology and antimicrobial spectrum					
IM 3.12		BED SIDE CLINIC / DOAP SESSION	Select, describe and prescribe based on the most likely aetiology, an appropriate empirical antimicrobial based on the pharmacology and antimicrobial spectrum					
PA 22.5	Day 68 Tue 8-9 am	LECTURE / SGD	Enumerate and describe infections transmitted by blood transfusion					Radiodiagnosis
IM 3.10		DOAP SESSION	Demonstrate the correct technique in a mannequin and interpret results of a blood culture					
IM 3.11		BED SIDE CLINIC / DOAP SESSION	Describe and enumerate the indications for further testing including HRCT, Viral cultures, PCR and specialised testing					
IM 4.1		LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the febrile response and the influence of host immune status, risk factors and co-morbidities on the febrile response					

IM 4.2		LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the influence of special populations on the febrile response including: the elderly, immune suppression, malignancy and neutropenia, HIV and travel					
IM 4.3	Day 69 Fri 12-1 pm	LECTURE / SMALL GROUP DISCUSSION	Discuss and describe the common causes, pathophysiology and manifestations of fever in various regions in India including bacterial, parasitic and viral causes (e.g. Dengue, Chikungunya, Typhus)	Discuss and describe the common causes of fever in various regions in India including bacterial, parasitic and viral causes (e.g. Dengue, Chikungunya, Typhus) Discuss aetiology of fever of unknown origin (FUO) including in a normal host, neutropenic host, nosocomial host and a host with HIV disease		Pathology Discuss the pathophysiology of fever in various regions in India including bacterial, parasitic and viral causes (e.g. Dengue, Chikungunya, Typhus) Describe and discuss the pathophysiology and manifestations of inflammatory causes of fever Describe and discuss the pathophysiology and manifestations of malignant causes of fever including hematologic and lymph malignancies & FUO including in a normal host, neutropenic host, nosocomial host and a host with HIV disease	Pharmacology	General Medicine, Community Medicine Discuss manifestations of fever in various regions in India including bacterial, parasitic and viral causes (e.g. Dengue, Chikungunya, Typhus) Discuss and describe the pathophysiology, aetiology and clinical manifestations of fever of unknown origin (FUO) including in a normal host, neutropenic host, nosocomial host and a host with HIV disease. Discuss clinical manifestations of fever of unknown origin (FUO) including in a normal host, neutropenic host, nosocomial host and a host with HIV disease Elicit document and present a medical history that helps delineate the aetiology of fever that includes the evolution and pattern of fever, associated symptoms, immune status, co-morbidities, risk factors, exposure through occupation,
IM 4.4		LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the pathophysiology and manifestations of inflammatory causes of fever					
IM 4.5		LECTURE / SMALL GROUP DISCUSSION	Describe and discuss the pathophysiology and manifestations of malignant causes of fever including hematologic and lymph malignancies					
IM 4.8		LECTURE / SMALL GROUP DISCUSSION	Discuss and describe the pathophysiology, aetiology and clinical manifestations of fever of unknown origin (FUO) including in a normal host, neutropenic host, nosocomial host and a host with HIV disease					
MI 8.2		LECTURE	Describe the etio-pathogenesis of opportunistic infections (OI) and discuss the factors contributing to the occurrence of OI, and the laboratory diagnosis					
IM 4.9		BED SIDE CLINIC / DOAP SESSION	Elicit document and present a medical history that helps delineate the aetiology of fever that includes the evolution and pattern of fever, associated symptoms,					

			immune status, co-morbidities, risk factors, exposure through occupation, travel and environment and medication use					travel and environment and medication use
IM 4.12	Day 70 Mon 1.30 – 2.30 pm	BED SIDE CLINIC / SKILL ASSESSMENT	Order and interpret diagnostic tests based on the differential diagnosis including: CBC with differential, peripheral smear, urinary analysis with sediment, Chest X ray, blood and urine cultures, sputum gram stain and cultures, sputum AFB and cultures, CSF analysis, pleural ....	Interpret diagnostic tests	<b>Assessment</b>			General Medicine Community Medicine Order and interpret diagnostic tests based on the differential diagnosis including: CBC with differential, peripheral smear, urinary analysis with sediment, Chest X ray, blood and urine cultures, sputum gram stain and cultures, sputum AFB and cultures, CSF analysis, pleural .... Assist in the collection of blood and wound cultures Develop an appropriate empiric treatment plan based on the patient's clinical and immune status pending definitive diagnosis
IM 4.19		DOAP SESSION	Assist in the collection of blood and wound cultures					
IM 25.9		DOAP SESSION	Assist in the collection of blood and other specimen cultures					
IM 1.22		DOAP SESSION	Assist and demonstrate the proper technique in collecting specimen for blood culture					
IM 25.11		DOAP SESSION	Develop an appropriate empiric treatment plan based on the patient's clinical and immune status pending definitive diagnosis					



**Proposed modified curriculum in Pharmacology  
for 2nd Professional MBBS under the West Bengal University of Health Sciences**

**Proposed modified theory curriculum**

System / Method	Topic	Integration	Competencies covered
<b>A. General pharmacology (Lecture [LEC] 09; Small Group Discussion [SGD] 03)</b>			
LEC-01	Define and describe the principles of pharmacology and pharmacotherapeutics		<b>PH1.1</b>
LEC-02	Describe various routes of drug administration		<b>PH1.11</b>
LEC-03, 04, 05	Describe absorption, distribution, metabolism & excretion of drugs (Pharmacokinetics)		<b>PH1.4</b>
LEC-06, 07	Describe general principles of mechanism of drug action (pharmacodynamics)		<b>PH1.5</b>
LEC-08	Describe and discuss the following: essential medicines, fixed dose combinations, over the counter drugs, herbal medicines		<b>PH1.59</b>
SGD-01	Describe the basis of evidence-based medicine and therapeutic drug monitoring		<b>PH1.2</b>
LEC-09	Describe principles of pharmacovigilance & ADR reporting systems Define, identify and describe the management of ADR		<b>PH1.6 PH1.7</b>
SGD-02	Identify and describe the management of drug Interactions		<b>PH1.8</b>
SGD-03	Describe nomenclature of drugs i.e. generic, branded drugs		<b>PH1.9</b>
<b>B. Autonomic nervous system (LEC 08; SGD –)</b>			
LEC-10, 11, 12, 13	Describe mechanisms of action, types, doses, side effects, indications and contraindications of adrenergic and anti-adrenergic drugs		<b>PH1.13</b>

<b>System / Method</b>	<b>Topic</b>	<b>Integration</b>	<b>Competencies covered</b>
LEC-14, 15, 16	Describe mechanisms of action, types, doses, side effects, indications and contraindications of cholinergic and anticholinergic drugs		<b>PH1.14</b>
LEC-17	Describe mechanisms of action, types, doses, side effects, indications and contraindications of skeletal muscle relaxants		<b>PH1.15</b>
<b>C. Central nervous system (LEC 11; SGD 01)</b>			
Lec-18	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of local anesthetics		<b>PH1.17</b>
LEC-19,20	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of general anesthetics, and pre-anesthetic medications	<b>Anesthesia</b>	<b>PH1.18</b>
LEC-21, 22, 23, 24, 25, 26,27	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, antipsychotics, antidepressant drugs, antimanics, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs)		<b>PH1.19</b>
LEC-28	Describe the effects of acute and chronic ethanol intake;  Describe the symptoms and management of methanol and ethanol poisonings	<b>Psychiatry</b>	<b>PH1.20</b> <b>PH1.21</b>
SGD-04	Describe drugs of abuse (dependence, addiction, stimulants, depressants, psychedelics, drugs used for criminal offences); Describe the process and mechanism of drug deaddiction		<b>PH1.22</b> <b>PH1.23</b>

System / Method	Topic	Integration	Competencies covered
<b>D. Renal system (LEC 02; SGD –)</b>			
LEC-29, 30	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs affecting renal systems including diuretics, anti-diuretics-vasopressin and analogues		PH1.24
<b>E. Autacoids (LEC –; SGD 02)</b>			
SGD-05, 06	Describe mechanisms of action, types, doses, side effects, indications and contraindications of the drugs which act by modulating autacoids, including: anti-histaminics, 5-HT modulating drugs, NSAIDs, drugs for gout, anti-rheumatic drugs, drugs for migraine		PH1.16
<b>F. Drugs affecting coagulation and lipid profile (LEC 02; SGD –)</b>			
LEC-31,32	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs acting on blood, like anticoagulants, antiplatelets, fibrinolytics, plasma expanders and dyslipidemias		PH1.25 PH1.31
<b>G. Cardiovascular system (LEC 08; SGD –)</b>			
LEC-33	Describe mechanisms of action, types, doses, side effects, indications and contraindications of the drugs modulating the renin-angiotensin-aldosterone system		PH1.26
LEC-34,35	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antihypertensive drugs and drugs used in shock		PH1.27
LEC-36, 37	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in IHD (stable, unstable angina and myocardial infarction), peripheral vascular disease		PH1.28
LEC-38, 39,40	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in congestive heart failure  Describe the mechanism of action, types, dosage, side effects indications and contraindications of the antiarrhythmics.		PH1.29  PH 1.30

System / Method	Topic	Integration	Competencies covered
<b>H. Respiratory system (LEC 02; SGD –)</b>			
LEC- 41,42	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of drugs used in bronchial asthma and COPD		<b>PH1.32</b>
<b>I. Endocrine system (LEC 11; SGD 01)</b>			
LEC- 43,44,45,46,47	Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders (diabetes mellitus, thyroid disorders and osteoporosis)	<b>General Medicine</b>	<b>PH1.36</b>
LEC-48	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used as sex hormones, their analogues and anterior Pituitary hormone		<b>PH1.37</b>
LEC-49, 50	Describe the mechanism of action, types, doses, side effects, indications and contraindications of Corticosteroids		<b>PH1.38</b>
LEC-51,52	Describe mechanism of action, types, doses, side effects, indications and contraindications the drugs used for contraception		<b>PH1.39</b>
LEC-53	Describe mechanism of action, types, doses, side effects, indications and contraindications of 1. Drugs used in the treatment of infertility, and 2. Drugs used in erectile dysfunction		<b>PH1.40</b>
SGD-07	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of uterine relaxants and stimulants		<b>PH1.41</b>
<b>J. Gastrointestinal system (LEC 03; SGD –)</b>			
LEC-54	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in acid-peptic disease and GERD		<b>PH1.34</b>

<b>System/method</b>	<b>Topic</b>	<b>Integration</b>	<b>Competencies covered</b>
LEC-55, 56	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used as antiemetics and prokinetics; antidiarrheals; laxatives; inflammatory bowel disease; irritable bowel disorders, biliary and pancreatic diseases		<b>PH1.34</b>
<b>K. Antimicrobial chemotherapy (LEC 16; SGD 01)</b>			
LEC-57	Describe general principles of antimicrobial chemotherapy; Describe and discuss the rational use of antimicrobials including antibiotic stewardship program		<b>PH1.42</b> <b>PH1.43</b>
LEC-58, 59, 60	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of beta lactam antibiotics (penicillins, cephalosporins, monobactams)		These topics have not been separately listed in MCI curriculum, but basic pharmacology knowledge of common antimicrobial agents is essential
LEC-61, 62	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of aminoglycosides		
LEC-63, 64, 65	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of sulphonamides, tetracyclines, co-trimoxazole, macrolides, fluoroquinolones, lincosamides, miscellaneous antibiotics		
LEC-66, 67, 68	Describe the first line antitubercular drugs, their mechanisms of action, side effects and doses.  Describe the drugs used in MDR and XDR-TB and discuss National Health Program on TB.  Describe the drugs used in treatment of leprosy, their mechanisms of action, side effects and doses; discuss National Health Program on leprosy	<b>Respiratory Medicine</b>	<b>PH1.44</b> <b>PH1.45</b> <b>PH1.46</b> <b>PH1.55</b>

LEC-69, 70	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in malaria, kala-azar, amebiasis and discuss National Health Programs including malaria, kala-azar, diarrheal diseases		
SGD-8			<b>PH1.47</b> <b>PH1.55</b>
LEC-71, 72	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV (National Health Program on HIV)		<b>PH1.48</b> <b>PH1.55</b>
<b>L. Anticancer chemotherapy &amp; Immunopharmacology (LEC 04)</b>			
LEC-73, 74, 75	Describe mechanism of action, classes, side effects, indications and contraindications of anticancer drugs		<b>PH1.49</b>
			<b>PH1.50</b>
	Describe mechanisms of action, types, doses, side effects, indications and contraindications of immunomodulators and management of organ transplant rejection		<b>PH1.55</b>
LEC-76	Describe vaccines and their uses (including immunization program)	<b>Community Medicine</b>	<b>PH1.54</b> <b>PH1.55</b>
<b>M. Toxicology (LEC 01; SGD 01)</b>			
SGD-9	Describe management of common poisoning, insecticides, (common sting and bites)		<b>PH1.52</b>
LEC-77	Describe heavy metal poisoning and chelating agents		<b>PH1.53</b>
<b>N. Other systems &amp; topics (LEC 02; SGD 04)</b>			

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LEC-78	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of drugs used in hematological disorders like 1. Drugs used in anemias 2. Colony stimulating factors and discuss the National Health Programs for anemia & nutritional disorders, blindness	<b>Community Medicine</b>	<b>PH1.35 PH1.55</b>
SGD-10	Describe basic aspects of geriatric and pediatric Pharmacology Describe drugs used in ocular disorders		<b>PH1.56 PH1.57</b>
SGD-11	Describe drugs used in skin disorders		<b>PH1.58</b>
SGD-12	Describe and discuss antiseptics and disinfectants	<b>Microbiology</b>	<b>PH1.62</b>
SGD-13	Describe drug regulations, acts and other legal aspects		<b>PH1.63</b>
LEC-79	Overview of drug development, phases of clinical trials and good clinical practice (GCP)		<b>PH1.64</b>
<b>Total Lectures 79; Total SGD sessions 13</b>			

**Proposed modified practical curriculum at a glance**

<b>Component</b>	<b>Teaching time (1 class ≈ 2 hours)</b>	<b>Competencies covered Weightage in summative (University) examination</b>
<b>CLINICAL PHARMACY</b>		
<b>A) Dosage forms / Drug delivery devices / Drug administration techniques</b>	8 classes	<b>PH2.1, PH2.2, PH2.3 and PH4.1</b> 10 (demonstration of drug administration) 05 (dosage form identification)
<b>B) Pharmaceutical calculations</b>	2 classes	<b>PH2.4</b> 05 (Pharmaceutical calculation exercise)
<b>CLINICAL PHARMACOLOGY</b>		
<b>C) Prescribing / Prescription critical appraisal &amp; audit</b>	6 classes	<b>PH3.1 and PH3.2</b> 08 (Prescribing exercise) 05 (Critical appraisal of prescription and audit)
<b>D) Pharmacovigilance exercise</b>	3 classes	<b>PH3.4</b> 07 (Pharmacovigilance exercise)
<b>E) Package insert / Promotional literature / RUM / P-drug</b>	4 classes	<b>PH3.3, PH3.5, PH3.6 and PH3.7</b> 05 (Exercise on Package insert / Promotional literature / P-drug / RUM)
<b>EXPERIMENTAL PHARMACOLOGY</b>		
<b>F) Computer aided learning (CAL) / Related charts</b>	3 classes	<b>PH4.2</b> 05 (CAL exercise or interpreting a chart related to CAL)
<b>COMMUNICATION</b>		
<b>G) Communication in therapeutics</b>	4 classes	<b>PH3.8, PH5.1, PH5.2, PH5.3, PH5.4, PH5.5, PH5.6 and PH5.7</b> 10 (therapeutic communication exercise with real / simulated patient)

<b>SELF-DIRECTED LEARNING</b>		
<b>H) Case-based self-directed learning (SDL)</b>	No fixed classes but 12 hours of SDL proposed spread over the 12 months of the course.	No weightage proposed in Summative assessment, but we propose 20% weightage in Formative assessment.
<b>TOTAL</b>	<b>Min 30 classes</b>	<b>60 marks</b>

Note: MCI UG Curriculum for the Indian Medical Graduate stipulates **230 hours of teaching** (theory 80, small group learning 138 and self-directed learning 12 hours) for pharmacology. With 30 practical classes of 2 hours each per batch we will have 30 X 2 i.e. **60 hours of practicals organized as Demonstration or DOAP (demonstrate-observe-assist-perform) sessions, supported by students' log book record where applicable.** The remaining 52 hours (138 – 26 – 60 = 52) may be utilized for tutorials and other forms of small group learning.



**CBME & AETCOM Yearly Academic Calendar 2021****Phase 2 (Forensic Medicine including Toxicology)****Medical College Kolkata****Practical (Match 2021 to August 2021)**

<b>Week no.</b>	<b>Date (Monday to Friday)</b>	<b>Competency no</b>
1	01.03.2021 to 05.03.2021	FM 1.5
2	08.03.2021 to 12.03.2021	FM 1.9
3	15.03.2021 to 19.03.2021	FM 1.10 + FM 1.11
4	22.03.2021 to 26.03.2021	FM 2.29
5	29.03.2021 to 02.04.2021	<b>Formative Assessment</b>
6	05.04.2021 to 09.04.2021	FM 3.1
7	12.04.2021 to 16.04.2021	<b>Formative Assessment</b>
8	19.04.2021 to 23.04.2021	<b>2nd Prof MBBS Practical Exam</b>
9	26.04.2021 to 30.04.2021	FM 3.1 (Cont)
10	03.05.2021 to 07.05.2021	FM 3.1 (Cont)
11	10.05.2021 to 14.05.2021	FM 3.1 (Cont)
12	17.05.2021 to 21.05.2021	FM 3.2
13	24.05.2021 to 28.05.2021	FM 3.3 +3.4+3.5+3.6+3.7
14	31.05.2021 to 04.06.2021	FM 3.8
15	07.06.2021 to 11.06.2021	FM 3.8 (Cont)
16	14.06.2021 to 18.06.2021	FM 3.9
17	21.06.2021 to 25.06.2021	FM 3.14
18	28.06.2021 to 02.07.2021	FM 3.15
19	05.07.2021 to 09.07.2021	FM 3.32
20	12.07.2021 to 16.07.2021	FM 3.33
21	19.07.2021 to 23.07.2021	FM 4.28+ 4.29
22	26.07.2021 to 30.07.2021	FM 4.30
23	02.08.2021 to 06.08.2021	<b>Formative Assessment</b>
24	09.08.2021 to 13.08.2021	FM 6.1+6.2
25	16.08.2021 to 20.08.2021	FM 6.3
26	23.08.2021 to 27.08.2021	FM 7.1

**CBME & AETCOM Yearly Academic Calendar 2021**  
**Phase 2 (Forensic Medicine including Toxicology)**  
**Medical College Kolkata**

**Theory & AETCOM (March 2021 to August 2021)**

Lecture no	Date	Day	Time	Competency no
1	02.03.2021	Tuesday	1:30 PM - 2:30 PM	FM 1.1 + FM 1.2
2	04.03.2021	Thursday	12 Noon - 1 PM	1.3 + 1.4
3	06.03.2021	Saturday	12 Noon - 1 PM	4.1 + 4.2 +4.3+4.4+4.22+4.23
4	09.03.2021	Tuesday	1:30 PM - 2:30 PM	1.5+1.6+1.7+1.8
5	11.03.2021	Thursday	12 Noon - 1 PM	<b>HOLIDAY</b>
6	13.03.2021	Saturday	12 Noon - 1 PM	4.5+4.6+4.7+4.8+4.9+4.24
7	16.03.2021	Tuesday	1:30 PM - 2:30 PM	2.1+2.2+2.3+2.4
8	18.03.2021	Thursday	12 Noon - 1 PM	2.5+2.6+2.7
9	20.03.2021	Saturday	12 Noon - 1 PM	4.10+4.11+4.12+4.13
10	22.03.2021	Tuesday	1:30 PM - 2:30 PM	2.8
11	25.03.2021	Thursday	12 Noon - 1 PM	2.9
12	27.03.2021	Saturday	12 Noon - 1 PM	4.14 +4.15
13	30.03.2021	Tuesday	1:30 PM - 2:30 PM	2.10
14	01.04.2021	Thursday	12 Noon - 1 PM	2.16
15	03.04.2021	Saturday	12 Noon - 1 PM	<b>COMMUNITY MEDICINE</b>
16	06.04.2021	Tuesday	1:30 PM - 2:30 PM	2.16+2.17
17	08.04.2021	Thursday	12 Noon - 1 PM	2.18
18	10.04.2021	Saturday	12 Noon - 1 PM	<b>COMMUNITY MEDICINE</b>
19	13.04.2021	Tuesday	1:30 PM - 2:30 PM	2.19
20	15.03.2021	Thursday	12 Noon - 1 PM	<b>HOLIDAY</b>
21	17.04.2021	Saturday	12 Noon - 1 PM	<b>COMMUNITY MEDICINE</b>
22	20.04.2021	Tuesday	1:30 PM - 2:30 PM	<b>2nd Prof MBBS Practical</b>
23	22.04.2021	Thursday	12 Noon - 1 PM	<b>2nd Prof MBBS Practical</b>
24	24.04.2021	Saturday	12 Noon - 1 PM	<b>COMMUNITY MEDICINE</b>
25	27.04.2021	Tuesday	1:30 PM - 2:30 PM	2.20
26	29.04.2021	Thursday	12 Noon - 1 PM	2.21
27	01.05.2021	Saturday	12 Noon - 1 PM	<b>HOLIDAY</b>
28	04.05.2021	Tuesday	1:30 PM - 2:30 PM	2.22
29	06.05.2021	Thursday	12 Noon - 1 PM	2.23
30	08.05.2021	Saturday	12 Noon - 1 PM	4.16+4.17+4.18+4.25+4.26+4.27
31	11.05.2021	Tuesday	1:30 PM - 2:30 PM	2.24+2.25
32	13.05.2021	Thursday	12 Noon - 1 PM	2.24+2.25
33	15.05.2021	Saturday	12 Noon - 1 PM	<b>HOLIDAY</b>
34	18.05.2021	Tuesday	1:30 PM - 2:30 PM	2.24+2.25
35	20.05.2021	Thursday	12 Noon - 1 PM	2.26
36	22.05.2021	Saturday	12 Noon - 1 PM	4.19+4.20+4.21
37	25.05.2021	Tuesday	1:30 PM - 2:30 PM	2.27
38	27.05.2021	Thursday	12 Noon - 1 PM	2.28
39	29.05.2021	Saturday	12 Noon - 1 PM	<b>Formative Assessment</b>
40	01.06.2021	Tuesday	1:30 PM - 2:30 PM	2.30

**CBME & AETCOM Yearly Academic Calendar 2021**  
**Phase 2 (Forensic Medicine including Toxicology)**  
**Medical College Kolkata**

**Theory & AETCOM (March 2021 to August 2021)**

Lecture no	Date	Day	Time	Competency no
41	03.06.2021	Thursday	12 Noon - 1 PM	3.1
42	05.06.2021	Saturday	12 Noon - 1 PM	<b>COMMUNITY MEDICINE</b>
43	08.06.2021	Tuesday	1:30 PM - 2:30 PM	3.2
44	10.06.2021	Thursday	12 Noon - 1 PM	3.2
45	12.06.2021	Saturday	12 Noon - 1 PM	<b>COMMUNITY MEDICINE</b>
46	15.06.2021	Tuesday	1:30 PM - 2:30 PM	3.3
47	17.06.2021	Thursday	12 Noon - 1 PM	3.4
48	19.06.2021	Saturday	12 Noon - 1 PM	<b>COMMUNITY MEDICINE</b>
49	22.06.2021	Tuesday	1:30 PM - 2:30 PM	3.5
50	24.06.2021	Thursday	12 Noon - 1 PM	3.6
51	26.06.2021	Saturday	12 Noon - 1 PM	<b>COMMUNITY MEDICINE</b>
52	29.06.2021	Tuesday	1:30 PM - 2:30 PM	3.7
53	01.07.2021	Thursday	12 Noon - 1 PM	3.10
54	03.07.2021	Saturday	12 Noon - 1 PM	3.10 (Cont)
55	06.07.2021	Tuesday	1:30 PM - 2:30 PM	3.10 (Cont)
56	08.07.2021	Thursday	12 Noon - 1 PM	3.11
57	10.07.2021	Saturday	12 Noon - 1 PM	3.12
58	13.07.2021	Tuesday	1:30 PM - 2:30 PM	3.13
59	15.07.2021	Thursday	12 Noon - 1 PM	3.16
60	17.07.2021	Saturday	12 Noon - 1 PM	3.17
61	20.07.2021	Tuesday	1:30 PM - 2:30 PM	3.18
62	22.07.2021	Thursday	12 Noon - 1 PM	3.19 + 3.20
63	24.07.2021	Saturday	12 Noon - 1 PM	3.21
64	27.07.2021	Tuesday	1:30 PM - 2:30 PM	3.22 + 3.23
65	29.07.2021	Thursday	12 Noon - 1 PM	3.24 + 3.25 + 3.26
66	31.07.2021	Saturday	12 Noon - 1 PM	3.27 + 3.28
67	03.08.2021	Tuesday	1:30 PM - 2:30 PM	3.29
68	05.08.2021	Thursday	12 Noon - 1 PM	3.30+3.31
69	07.08.2021	Saturday	12 Noon - 1 PM	<b>COMMUNITY MEDICINE</b>
70	10.08.2021	Tuesday	1:30 PM - 2:30 PM	5.1
71	12.08.2021	Thursday	12 Noon - 1 PM	5.2
72	14.08.2021	Saturday	12 Noon - 1 PM	<b>COMMUNITY MEDICINE</b>
73	17.08.2021	Tuesday	1:30 PM - 2:30 PM	5.3 + 5.4 + 5.5 + 5.6
74	19.08.2021	Thursday	12 Noon - 1 PM	<b>HOLIDAY</b>
75	21.08.2021	Saturday	12 Noon - 1 PM	<b>COMMUNITY MEDICINE</b>
76	24.08.2021	Tuesday	1:30 PM - 2:30 PM	<b>Formative Assessment</b>
77	26.08.2021	Thursday	12 Noon - 1 PM	<b>Formative Assessment</b>
78	28.08.2021	Saturday	12 Noon - 1 PM	<b>COMMUNITY MEDICINE</b>
79	31.08.2021	Tuesday	1:30 PM - 2:30 PM	<b>Formative Assessment</b>

**Department of Community Medicine, Medical College, Kolkata**  
**Class Schedule for Professional Year 2**

**Distribution of Classes**

Lecture : 20 hours

Small group/ Tutorial/ Practical : 30 Hours

Self Directed Learning (SDL) : 10 Hours

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**Total : 60 Hours**

**Lectures: 20 hours Teaching Aids: Chalk & Board, LCD projector, Computer.**

Sl. No.	Ref. No.	Competency (in Red) and Los (in Blue) The students should be able to	Domain (K/S/A/C)	Level (K/KH/S/SH/P)	Core Yes/No	Suggested teaching learning method	Suggested assessment method	Vertical Integration	Horizontal integration	Duration (Hours) 12 Noon to 1 PM	Date
1	CM4.1	Describe various methods of health education with their advantages and limitations.	K	KH	Y	Lecture	Viva voce	Nil	Nil	1	03.03.21
2	CM4.2	Describe the methods of organizing health promotion and education and counselling activities at individual family and community settings.	K	KH	Y	Lecture	Viva voce	Nil	Nil	1	10.03.21
3	CM5.5	Describe the methods of nutritional surveillance, principles of nutritional education and rehabilitation in the context of sociocultural factors.	K	KH	Y	Lecture	Viva voce	General Medicine, Pediatrics	Nil	1	17.03.21
4	CM6.1	Formulate a research question for a study.	K	KH	Y	Written	Viva voce	General Medicine, Pediatrics	Nil	1	24.03.21
5	CM7.1	Define Epidemiology and	K	KH	Y	Lecture	Viva voce	General	Nil	1	31.03.21

		describe and enumerate the principles, concepts and uses.						Medicine			
6	CM7.2	Enumerate, describe and discuss the modes of transmission and measures for prevention and control of communicable and noncommunicable diseases.	K	KH	Y	Lecture	Viva voce	General Medicine	Nil	1	07.04.21
7	CM7.3	Enumerate, describe and discuss the sources of epidemiological data.	K	KH	Y	Lecture	Viva voce	General Medicine	Nil	1	14.04.21
8	CM7.5	Enumerate, define, describe and discuss epidemiological study designs.	K	KH	Y	Lecture	Viva voce	General Medicine	Nil	1	21.04.21
9	CM7.8	Describe the principles of association, causation and biases in epidemiological studies K KH Y	K	KH	Y	Lecture	Viva voce	General Medicine	Nil	1	28.04.21
10	CM8.1	Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases	K	KH	Y	Lecture	Viva voce	General Medicine, Pediatrics	Microbiology, Pathology	1	05.05.21
11	CM8.2	Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for Non Communicable diseases (diabetes, Hypertension, Stroke, obesity and cancer etc.)	K	KH	Y	Lecture	Viva voce	General Medicine, Pediatrics	Nil	1	12.05.21

12	CM8.3	Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case.	K	KH	Y	Lecture	Viva voce	General Medicine, Pediatrics	Nil	1	19.05.21
13	CM8.4	Describe the principles and enumerate the measures to control a disease epidemic.	K	KH	Y	Lecture	Viva voce	General Medicine, Pediatrics	Nil	1	26.05.21
14	CM8.5	Describe and discuss the principles of planning, implementing and evaluating control measures for disease at community level bearing in mind the public health importance of the disease.	K	KH	Y	Lecture	Viva voce	General Medicine, Pediatrics	Nil	1	02.06.21
15	CM8.7	Describe the principles of management of information systems.	K	KH	Y	Lecture	Viva voce	Nil	Nil	1	09.06.21
16	CM9.1	Define and describe the principles of Demography, Demographic cycle, Vital statistics.	K	KH	Y	Lecture	Viva voce	Nil	Nil	1	16.06.21
	CM9.3	Enumerate and describe the causes of declining sex ratio and its social and health implications K KH Y Small group discussion, Lecture Written / Viva voce									
17	CM9.4	Enumerate and describe the causes and consequences of population explosion and population dynamics of India.	K	KH	Y	Lecture	Viva voce	Nil	Nil	1	23.06.21

18	CM9.5	Describe the methods of population control.	K	KH	Y	Lecture	Viva voce	Obstetrics & Gynaecology	Nil	1	30.06.21
19	CM9.6	Describe the National Population Policy.	K	KH	Y	Lecture	Viva voce	Nil	Nil	1	07.07.21
20	CM9.7	Enumerate the sources of vital statistics including census, SRS, NFHS, NSSO etc.	K	KH	Y	Lecture	Viva voce	Nil	Nil	1	14.07.21

**Small group/ Tutorial/ Practical** : 27 Hours. Teaching aids: Chalk & board, LCD projector, Computer, Clinical instruments

Sl. No.	Ref. No.	Competency The students should be able to	Domain (K/S/A/C)	Level (K/KH/S/SH/P)	Core Yes/No	Suggested teaching learning method	Suggested assessment method	Vertical Integration	Horizontal integration	Duration (Hours) 1:30-4:30PM	Day
1	CM2.3	Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior	S	SH	Y	Small group discussion	Skill assessment	Nil	Nil	3	Gr.A,B – Mon & Wed  Gr.C,D - Tues & Fri
	CM4.3	Demonstrate and describe the steps in evaluation of health promotion and education program.									

2	CM5.4	Plan and recommend a suitable diet for the individuals and families based on local availability of foods and economic status, etc in a simulated environment	S	SH	Y	DOAP sessions	Skill Assessment	General Medicine	Pediatrics	3	
3	CM6.2	Describe and discuss the principles and demonstrate the methods of collection, classification, analysis, interpretation and presentation of statistical data.	S	SH	Y	DOAP sessions	Skill Assessment	General Medicine	Pediatrics	3	-do-
4	M6.3	Describe, discuss and demonstrate the application of elementary statistical methods including test of significance in various study designs.	S	SH	Y	DOAP sessions	Skill Assessment	General Medicine	Pediatrics	3	-do-
5	CM6.4	Enumerate, discuss and demonstrate Common sampling techniques, simple statistical methods, frequency distribution, measures of central tendency and dispersion.	S	SH	Y	DOAP sessions	Skill Assessment	General Medicine	Pediatrics	3	-do-
6	CM7.4	Define, calculate and interpret morbidity and mortality indicators based on given set of data.	S	SH	Y	DOAP	Written	General Medicine	Nil	3	-do-
	CM7.6	Enumerate and evaluate the need of screening tests.									
7	CM7.7	Describe and demonstrate the	S	SH	Y	DOAP	Written	General	Microbiolo	3	-do-

		10 steps in the Investigation of an epidemic of communicable disease and describe the principles of control measures.						Medicine	gy		
8	CM7.9	Describe and demonstrate the application of computers in epidemiology.	S	KH	Y	DOAP	Written	Nil	Nil	3	-do-
9	CM8.6	Educate and train health workers in disease surveillance, control & treatment and health education	S	SH	Y	DOAP	Written	Nil	Nil	3	-do-
10	CM9.2	Define, calculate and interpret demographic indices including birth rate, death rate, fertility rates.	S	SH	Y	DOAP	Written	Obstetrics & Gynaecology	Nil	3	-do-

**Self Directed Learning (SDL) : 10 hours**

Students will prepare the Family report book and submit to the guide for verification and assessment.

Professor & Head  
Department of Community Medicine  
Medical College, Kolkata