



# TRIPURA MEDICAL COLLEGE & Dr. B. R. AMBEDKAR MEMORIAL TEACHING HOSPITAL

(Managed by a Society registered under Societies Registration Act, 1860 having

Registration No 5770 of 2009)  
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No.F.3 (PO-222)CBME/SFTMC/2019/1295

Date: - 01/03/2021

## M E M O R A N D U M

In reference to previous memorandum dated 18/01/2021 the 2<sup>nd</sup> Professional MBBS classes will commence after declaration of result by Tripura University. In this regard the following documents are uploaded in website for smooth conduct of the classes of 2<sup>nd</sup> Professional MBBS as per NMC / MCI CBME Guidelines.

1. Check List.
2. 18a Year Planner.
3. 18b Complete II MBBS Schedule.
4. 18b List of AITO.
5. 18b & 18d Calculation of subject wise hours.
6. 18c Department clinical posting schedule for whole year.
7. 18e Sample copy of all clinical posting of all clinical departments.
8. Photographs of Skill Lab.

All the HODs of concerned departments & 2<sup>nd</sup> Professional MBBS students are directed to follow the time table accordingly as and when the class starts after declaring the result.

*Arindam Datta*  
**(Prof. Arindam Datta)**

Principal I/C

Tripura Medical College &  
Dr. BRAM Teaching Hospital

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**Tripura Medical College & Dr. BRAM Teaching Hospital**  
**18a: YEAR PLANNER, 2021 FOR 2ND PROFESSIONAL MBBS.**

YEAR, 2021										YEAR, 2022
MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY



SLOT FOR INTERNAL ASSESSMENT (FORMATIVE) PATHOLOGY, PHARMA & MICRO



SLOT FOR INTERNAL ASSESSMENT PATHOLOGY, PHARMA, MICRO, FSM, COMMUNITY MED, MEDICINE, SURGERY & OBG.



SLOT FOR 2ND PROFESSIONAL ENDING UNIVERSITY EXAMINATION (SUMMATIVE)

**Tripura Medical College & Dr. BRAM Teaching Hospital**

**18b: Calculation of subject wise hours ( Lect, Small group activity, Self-directed learning, student doctor method, formative assessment, internal assessment etc in different colours)**

ITEM	SUBJECTS	HOURS
<b>1. LECTURE CLASS</b>	Pathology	80
	Pharmacology	80
	Microbiology	70
	FSM	15
	Community Med	20
	General Medicine, General Surgery, OBG	75 (25 hours per subject)
<b>2. AITO</b>	<b>ANAEMIA, IHD, MALARIA, JAUNDICE, TUBERCULOSIS, THYROID DISEASES, DIABETES MELLITUS, NUTRITION.</b>	<b>14+ 09+ 09+ 10+ 07+ 07+ 08+08= 72</b>
<b>3. SMALL GROUP LEARNING</b>	Pathology	138
	Pharmacology	138
	Microbiology	110
	FSM	30
	Community Med	30
<b>4. CLINICAL POSTING</b>		540
<b>5. SDL</b>	Pathology	12
	Pharmacology	12
	Microbiology	12
	FSM	6
	Community Med	12
<b>6. AETCOM</b>		45
<b>7. Pandemic Management</b>		24
<b>8. INTERNAL ASSESSMENT</b>		30DAYS.
4 (four) INTERNAL ASSESSMENTS (FORMATIVE) FOR PATHOLOGY, PHARMACOLOGY & MICROBIOLOGY. 1(ONE)INTERNAL ASSESSMENT FOR FSM, COMMUNITY MEDICINE, GENERAL MEDICINE, SURGERY AND OBG. SUBJECTS HAVING CLINICAL POSTING WILL CONDUCT INTERNAL ASSESSMENT ON PRACTICAL DURING LAST WEEK OF CLINICAL POSTING.		

**Tripura Medical College & Dr. BRAM Teaching Hospital**

**18b: Complete II MBBS Schedule**

**Daywise and datewise detail time table of 2nd year MBBS course, 2021.**

<b>Date</b>	<b>Day</b>	<b>8 AM - 9 AM</b>	<b>9AM-12 NOON</b>	<b>1 PM - 2 PM</b>	<b>2PM-4PM</b>
3/1/2021	Monday	<b>PH1.4</b> Describe absorption of drugs.	<b>CLINICS</b>	<b>PA 1.1.1,2,1.3</b> 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	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
3/2/2021	Tuesday	<b>SU 1.3</b> Describe basic concepts of peri-operative care	<b>CLINICS</b>	<b>MI 1.1</b> Introduction and history: Explain different types of microbes causing infectious diseases and their role in health disease.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
3/3/2021	Wednesday	<b>PA2.1</b> Demonstrate knowledge of the causes, mechanisms, types and effects of cell injury and their clinical significance	<b>CLINICS</b>	<b>PH1.4</b> Describe distribution of drugs.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
3/4/2021	Thursday	<b>MI 1.4</b> Define sterilization and disinfection. Explain different methods of sterilization and disinfection.	<b>CLINICS</b>	<b>FM 1.1, 1.2 1.3:</b> Basics of Forensic Medicine, history of Forensic Medicine, legal procedures in Forensic medicine.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
3/5/2021	Friday	<b>PH 1.62:</b> Describe and discuss antiseptics and disinfectants.	<b>SDL-PATHOLOGY-1 PA 13.1 Describe Haematopoiesis &amp; Extramedullary haematopoiesis</b>	<b>PA 2.2</b> Describe the etiology of cell injury. Distinguish between reversible-irreversible injury: mechanisms; morphology of cell injury	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

3/6/2021	Saturday	<b>IM 4.1:</b> Describe and discuss the febrile response and the influence of host immune status, risk factors and comorbidities on the febrile response. <b>IM 4.2:</b> Describe and discuss the influence of special populations on the febrile response including: the elderly, immune suppression, malignancy and neutropenia, HIV and travel.	<b>CLINICS</b>	<b>MI 1.1</b> Explain the Bact. taxonomy morphology of bacteria in relation to pathogenic organisms.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
3/8/2021	Monday	<b>PH1.4</b> Describe metabolism of drugs.	<b>CLINICS</b>	<b>PA 2.2</b> Describe the etiology of cell injury. Distinguish between reversible-irreversible injury: mechanisms; morphology of cell injury	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
3/9/2021	Tuesday	<b>SU 4.2</b> Describe clinical features, diagnose, type & extent of burns and plan appropriate treatment	<b>CLINICS</b>	<b>MI 1.1</b> Explain the Growth curve and physiology of bacteria in relation to pathogenic organisms	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
3/10/2021	Wednesday	<b>PA 2.4</b> Describe and discuss Cell death- types, mechanisms, necrosis, apoptosis (basic as contrasted with necrosis), autolysis	<b>CLINICS</b>	<b>PH1.4</b> Describe excretion of drugs.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
3/12/2021	Friday	<b>PH1.5</b> Describe general principles of mechanism of drug action.	<b>AETCOM: Module 2.1: The foundations of communication:</b> 1. Describe principles of communication. 2. discuss common mistakes in opening the discussion, listening and data gathering.	<b>PA 2.4</b> Describe and discuss Cell death- types, mechanisms, necrosis, apoptosis (basic as contrasted with necrosis), autolysis	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

3/15/2021	Monday	<b>PH 1.56:</b> Describe basic aspects of Geriatric & Pediatric pharmacology. Describe other factors that modify drug action.	<b>CLINICS</b>	<b>PA 2.7</b> Describe and discuss the mechanisms of cellular aging and apoptosis.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
3/16/2021	Tuesday	<b>SU 5.3</b> Differentiate the various types of wounds, plan & observe management of wounds	<b>CLINICS</b>	<b>MI 1.1</b> Bacterial Genetics: Explain different methods of Gene transfer in bacteria	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
3/17/2021	Wednesday	<b>PA 4.1</b> Define and describe the general features of acute and chronic inflammation including stimuli, vascular and cellular events	<b>CLINICS</b>	<b>PH 1.16</b> Describe mechanism/s of action, types, doses, side effects, indications and contraindications of anti-histaminics.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
3/18/2021	Thursday	<b>MI 1.1</b> Overview of bacterial infections	<b>CLINICS</b>	<b>FM 1.4 &amp; 1.5:</b> Describe Courts in India and their powers. Describe Court procedures.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
3/19/2021	Friday	<b>PH 1.16</b> Describe mechanism/s of action, types, doses, side effects, indications and contraindications of 5-HT modulating drugs.	<b>SDL- PHARMACOLOGY-1: General principles of chemotherapy and antibiotic stewardship programme.</b>	<b>PA 4.2</b> Enumerate and describe the mediators of acute inflammation.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
3/20/2021	Saturday	<b>IM 4.3:</b> 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)	<b>CLINICS</b>	<b>MI 1.1</b> Enlist the Antimicrobial agents; Explain their mechanism of action	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

3/22/2021	Monday	<b>PH 1.16</b> Describe mechanism/s of action, types, doses, side effects, indications and contraindications of PGs & it analogue.	<b>CLINICS</b>	<b>PA 4.3</b> Define and describe chronic inflammation including causes, types, non-specific and granulomatous; and enumerate examples of each.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
3/23/2021	Tuesday	<b>SU 6.2</b> Enumerate prophylactic & therapeutic antibiotics. Plan appropriate management	<b>CLINICS</b>	<b>MI 1.6</b> Explain the mechanism of antimicrobial drug resistance and its genetic basis.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
3/24/2021	Wednesday	<b>PA 5.1</b> Define and describe the process of repair and regeneration including wound healing and its types	<b>CLINICS</b>	<b>PH 1.16</b> Describe mechanism/s of action, types, doses, side effects, indications and contraindications of NSAIDs.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
3/25/2021	Thursday	<b>MI 1.1</b> Classify viruses in relation to viral infections.	<b>CLINICS</b>	<b>FM 2.1, 2.2:</b> Define, describe and discuss death and its types including somatic / clinical / cellular, molecular and brain-death, Cortical Death and Brainstem Death.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
3/26/2021	Friday	<b>PH 1.16</b> Describe mechanism/s of action, types, doses, side effects, indications and contraindications of NSAIDs.	<b>AETCOM: Module 2.1 contd: The foundations of communication: 3.</b> Demonstrate the understanding of effective communication skills on standardized or regular patients. 4. Reflections of students-1hr. <b>Assessment.</b>	<b>PA 7.1:</b> Define and classify neoplasia. Describe the characteristics of neoplasia including gross, microscopy, biologic, behaviour and spread. Differentiate between benign from maignant neoplams	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.

3/27/2021	Saturday	<b>IM 4.4:</b> Describe and discuss the pathophysiology and manifestations of inflammatory causes of fever. <b>IM 4.5:</b> Describe and discuss the pathophysiology and manifestations of malignant causes of fever including hematologic and lymph node malignancies	<b>CLINICS</b>	<b>MI1.1</b> Explain the replication and cultivation of virus.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
3/30/2021	Tuesday	<b>SU 7.1</b> Describe planning & conduct of surgical audit. <b>SU 7.2</b> Describe principles & steps of clinical research in General Surgery	<b>CLINICS</b>	<b>MI1.1</b> Explain laboratory diagnosis of viral infection.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
3/31/2021	Wednesday	<b>PA 7.1:</b> Define and classify neoplasia. Describe the characteristics of neoplasia including gross, microscopy, biologic, behaviour and spread. Differentiate between benign from malignant neoplasms	<b>CLINICS</b>	<b>PH 1.16</b> Describe mechanism/s of action, types, doses, side effects, indications and contraindications anti-gout drugs.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
4/1/2021	Thursday	<b>MI 1.1</b> Define parasites. Classify parasites causing infections in human beings. Define various terminologies in human parasitology.	<b>CLINICS</b>	<b>FM 2.5, 2.6 &amp; 2.7:</b> Discuss moment of death, modes of death - coma, asphyxia and syncope. Discuss presumption of death and survivorship. Describe and discuss suspended	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
4/3/2021	Saturday	<b>IM 4.7:</b> Discuss and describe the pathophysiology and manifestations of the sepsis syndrome.	<b>CLINICS</b>	<b>MI 1.1</b> Define parasites. Classify parasites causing infections in human beings. Define various terminologies in human parasitology.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

4/5/2021	Monday	<b>PH 1.16</b> Describe mechanism/s of action, types, doses, side effects, indications and contraindications of anti-rheumatic drugs.	<b>CLINICS</b>	<b>PA 7.1:</b> Define and classify neoplasia. Describe the characteristics of neoplasia including gross, microscopy, biologic, behaviour and spread. Differentiate between benign from malignant neoplasms	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
4/6/2021	Tuesday	<b>SU 8.1</b> Describe principles of ethics as it pertains to General Surgery. <b>SU 8.3</b> Describe Medico legal issues in surgical practice	<b>CLINICS</b>	<b>MI 1.1</b> General mycology and overview of fungal infections :Explain the relevant morphological forms of fungus.Outline	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
4/7/2021	Wednesday	<b>PA 7.2:</b> Describe the molecular basis of cancer	<b>CLINICS</b>	<b>PH 1.14:</b> Describe mechanism of action, types, doses, side effects, indications & contraindications of cholinergicdrugs.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
4/8/2021	Thursday	<b>MI 1.3</b> Epidemiology of common infectious diseases	<b>CLINICS</b>	<b>FM 2.8:</b> Describe and discuss postmortem changes including signs of death, cooling of body, post-mortem lividity, rigor mortis, cadaveric spasm, cold stiffening and heat stiffening	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
4/9/2021	Friday	<b>PH 1.14:</b> Describe mechanism of action, types, doses, side effects, indications & contraindications of anti anticholineteraes.	<b>SDL-MICROBIOLOGY-1: HEALTH CARE ASSOCIATED INFECTIONS.</b>	<b>PA 7.2:</b> Describe the molecular basis of cancer	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

4/12/2021	Monday	<b>PH 1.14:</b> Describe mechanism of action, types, doses, side effects, indications & contraindications of anti cholinergic drugs.	<b>CLINICS</b>	<b>AITO- ANAEMIA</b> <b>PATHOLOGY:</b> Definition & Classification of anaemia.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
4/13/2021	Tuesday	<b>SU 9.1</b> chose appropriate biochemical, microbiological, pathological, imaging investigations & interpret investigation data in surgical patient. <b>SU 9.2</b> Biological basis for early detection of cancer and multidisciplinary approach in management of cancer	<b>CLINICS</b>	<b>AITO- ANAEMIA</b> <b>MICROBIOLOGY:</b> Common pathogens causing anemia. Morphological features, mode of infection, pathogenicity, clinical features, lab diagnosis and prevention of Ancylostoma duodenale.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
4/16/2021	Friday	<b>PH 1.13:</b> Describe mechanism of action, types, doses, side effects, indications & contraindications of adrenergic drugs.	<b>AETCOM: Module 2.2:</b> <b>The foundations of bioethics.</b> 1. Describe and discuss the principles of Bioethics as a guiding principle in patient care. 2. Describe and discuss the role of a physician in heal care system. 3. Reflections based on 1 and 2. <b>Assessment</b>	<b>AITO- ANAEMIA</b> <b>PATHOLOGY:</b> Enumerate the different investigations of anaemia	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
4/17/2021	Saturday	<b>IM 4.8:</b> 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 HIVdisease	<b>CLINICS</b>	<b>AITO- ANAEMIA</b> <b>MICROBIOLOGY:</b> Morphological features, mode of infection, pathogenicity, clinical features, lab diagnosis and prevention of Ascaris lumbricoides.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

4/19/2021	Monday	PH 1.13: Describe mechanism of action, types, doses, side effects, indications & contraindications of alpha-blockers.	CLINICS	<b>AITO- ANAEMIA</b> <b>PATHOLOGY:</b> Describe the different investigations of anaemia	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
4/20/2021	Tuesday	<b>AITO- ANAEMIA SU3.1</b> Describe the indications and appropriate use of blood and blood products and complications of blood transfusion.	CLINICS	<b>MI 1.7</b> Define immunity, Classify immunity., Discuss the overview of the Components of Immune System- Organs, cells and products and contribution in mechanisms of immunity in health.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
4/23/2021	Friday	<b>AITO- ANAEMIA</b> <b>PHARMACOLOGY:</b> Various iron preparations, doses, adverse effects and indications of iron preparations	<b>SDL- COMMUNITY MED-1: Enumerate, discuss and demonstrate Common sampling techniques, simple statistical methods, frequency distribution, measures of central tendency and dispersion</b>	<b>AITO- ANAEMIA</b> <b>PATHOLOGY:</b> Describe metabolism of iron	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
4/24/2021	Saturday	<b>IM 4.16:</b> Enumerate the indications and describe the findings in tests of inflammation and specific rheumatologic tests, serologic testing for pathogens including HIV, bone marrow aspiration and biopsy. <b>IM 4.18:</b> Enumerate the indications for use of imaging in the diagnosis of febrile syndromes.	CLINICS	<b>MI 1.7 &amp; 1.8</b> Define Antibody. Explain the different types and their role in mechanisms of immunity in health..	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

4/26/2021	Monday	<b>AITO- ANAEMIA</b> PHARMACOLOGY: Functions, preparations, doses, adverse effects & indications of vit B12, folic acid.	CLINICS	<b>AITO- ANAEMIA</b> PATHOLOGY: Definition, etiology, investigations, differential diagnosis of microcytic hypochromic anaemia.	SMALL GROUP LEARNING (COM MED/FSM) / SPORTS.
4/27/2021	Tuesday	SU 11.4 Enumerate the indications and principles of day care General Surgery. SU 11.6 Describe principles of safe General Surgery	CLINICS	MI 1.8 Outline the different types of Antigen-Antibody reactions. Explain in details Precipitation and Agglutination, Complement fixation test & neutralisation test etc.	SMALL GROUP LEARNING (COM MED/FSM) / SPORTS.
4/28/2021	Wednesday	<b>AITO- ANAEMIA PATHOLOGY:</b> Metabolism of vit B12 etiology of vit B12 deficiency and pathogenesis of vit B12 deficiency	CLINICS	<b>AITO- ANAEMIA</b> PHARMACOLOGY: Functions, preparations, doses, adverse effects & indication of erythropoietin and colony stimulating factors.	SMALL GROUP LEARNING (COM MED/FSM) / SPORTS.
4/29/2021	Thursday	MI 1.8 Antigen-Antibody Reaction newer methods: explain briefly ELISA, ELFA, CLIA, IFA, westernblot, rapid methods	CLINICS	FM 2.9: Describe putrefaction, mummification, adipocere and maceration	SMALL GROUP LEARNING (COM MED/FSM) / SPORTS.
4/30/2021	Friday	PH 1.13: Describe mechanism of action, types, doses, side effects, indications & contraindications of Beta-blockers.	<b>AETCOM: Module 2.3: Healthcare as a right.</b> Discuss the role of justice as a guiding principle in patient care. <b>Assessment.</b>	<b>AITO- ANAEMIA</b> PATHOLOGY: laboratory investigations of macrocytic anaemia, etiology & differences of megaloblastic and non-megaloblastic anaemia.	SMALL GROUP LEARNING (COM MED/FSM) / SPORTS.

5/1/2021	Saturday	<b>AITO- ANAEMIA</b> COMMUNITY MED: Definition, burden, detrimental effects, interventions for prevention and National Health Programme for Nutritional anemia.	CLINICS	<b>MI 1.7 &amp; 1.8</b> Define complement., Enlist their biological role, Discuss the different pathways of complement in mechanisms of immunity in health..	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
<b>THEORY INTERNAL ASESSMENT (FORMATIVE).</b>					
5/3/2021	Monday	<b>PATHOLOGY:</b>	<b>TIME: 10AM TO 1PM.</b>	<b>MARKS=100</b>	
5/4/2021	Tuesday	<b>PHARMACOLOGY</b>	<b>TIME: 10AM TO 1PM.</b>	<b>MARKS=100</b>	
5/5/2021	Wednesday	<b>MICROBIOLOGY</b>	<b>TIME: 10AM TO 1PM.</b>	<b>MARKS=100</b>	
<b>PRACTICAL INTERNAL ASESSMENT (FORMATIVE).</b>					
5/6/2021	Thursday	<b>PATHOLOGY:</b>	<b>PHARMACOLOGY</b>	<b>MICROBIOLOGY</b>	
		<b>BATCH-A</b>	<b>BATCH-B</b>	<b>BATCH-C</b>	
5/7/2021	Friday	<b>BATCH-B</b>	<b>BATCH-C</b>	<b>BATCH-A</b>	
5/10/2021	Monday	<b>BATCH-C</b>	<b>BATCH-A</b>	<b>BATCH-B</b>	
5/11/2021	Tuesday	<b>SU 14.1</b> Describe aseptic technics, sterilisation & disinfection. <b>SU 14.2</b> Describe surgical approaches, incisions & use of appropriate instruments in surgery in General. <b>SU 14.3</b> Describe materials & methods used for surgical wound closure & anastomosis	CLINICS	<b>MI 3.1:</b> Antibiotic asociated diarrhoea- Clostridium difficile.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
5/12/2021	Wednesday	<b>PA 16.1:</b> Definition, classification of hemolytic anaemia.	<b>SDL-FSM-1: Organ Transplantation and The Human Organ Transplant (Amendment) Act 2011 and discuss ethical issues regarding organ donation.</b>	<b>PH 1.15:</b> Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of skeletal muscle relaxants.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

5/13/2021	Thursday	<b>MI 4.3:</b> Infection due to Actinomycetes nocardia.	<b>CLINICS</b>	<b>FM 2.11, 2.12 &amp; 2.13:</b> Describe and discuss autopsy procedures including post-mortem examination, different types of autopsies, aims and objectives of postmortem examination. Describe the legal requirements to conduct postmortem examination and procedures to conduct medico-legal post-mortem examination. Describe and discuss obscure autopsy	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
5/15/2021	Saturday	<b>IM 25.2:</b> Discuss and describe the common causes, pathophysiology and manifestations of these diseases. <b>IM 25.8:</b> Enumerate the indications for use of newer techniques in the diagnosis of these infections	<b>CLINICS</b>	<b>MI 1.7 &amp; 1.8</b> What is soluble products of lymphoid cells? Types of soluble products of lymphoid cells. Discuss the role of cytokines/lymphokines in mechanisms of immunity in health.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
5/17/2021	Monday	<b>PH 1.17:</b> Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of local anesthetics	<b>CLINICS</b>	<b>PA 16.1-16.5:</b> Describe pathogenesis, clinical features and hematological indices of hemolytic anaemia	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
5/18/2021	Tuesday	<b>SU 16.1</b> Minimally invasive general surgery. Describe indications, advantages & disadvantages of minimally invasive General Surgery	<b>CLINICS</b>	<b>MI 1.7 &amp; 1.8:</b> Immune responses: Discuss the mechanism of action of Cell-mediated and antibody-mediated response	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
5/19/2021	Wednesday	<b>PH1.25:</b> Describe the mechanisms of action, types, doses, side effects, indications and contraindications of <b>Oral anticoagulants.</b>	<b>CLINICS</b>	PA 16.3 Describe pathogenesis, features and hematological indices of sickle cell anaemia	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

5/20/2021	Thursday	<b>MI: 1.7 and 1.8:</b> Immune response: Discuss the mechanism of cell mediated response.	<b>CLINICS</b>	<b>FM 2.15, 2.16 &amp; 2.17:</b> Describe special protocols for conduction of medico-legal autopsies in cases of death in custody or following violation of human rights as per National Human Rights Commission Guidelines. Describe and discuss examination of mutilated bodies or fragments, charred bones and bundle of bones. Describe and discuss exhumation	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
5/21/2021	Friday	<b>PH1.25:</b> Describe the mechanisms of action, types, doses, side effects, indications and contraindications of <b>parenteral anticoagulants.</b>	<b>AETCOM: Module 2.4: Working in a healthcare team.</b> 1. Demonstrate the ability to work in a team of peers and superiors (1st class).	<b>PA 16.3</b> Describe pathogenesis, features and hematological indices and PBF of thalassemia.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
5/22/2021	Saturday	<b>IM 25.1:</b> Describe and discuss the response and the influence of host immune status, risk factors and comorbidities on zoonotic diseases (e.g. Leptospirosis, Rabies) and non-febrile infectious disease (e.g. Tetanus)	<b>CLINICS</b>	<b>MI 1.10</b> Define hypersensitivity, Classify hypersensitivity. Explain the mechanisms of different types of hypersensitivity.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
5/24/2021	Monday	<b>PH1.25:</b> Describe the mechanisms of action, types, doses, side effects, indications and contraindications of <b>antiplatelets.</b>	<b>CLINICS</b>	<b>PA 16.4:</b> Describe pathogenesis, features and hematological indices & PBF of acquired hemolytic anaemia.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS

5/25/2021	Tuesday	<b>SU 17.3</b> Describe principles in management of mass casualties. <b>SU 17.4</b> Describe pathophysiology, mechanism of head injuries	<b>CLINICS</b>	<b>MI 1.11</b> Discuss the immunological basis tumour immunity	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS
5/27/2021	Thursday	<b>MI 1.9</b> Enumerate the universal immunization schedule. Discuss the immunological basis of vaccines.	<b>CLINICS</b>	<b>FM 2.18 &amp; 2.19:</b> Crime Scene Investigation. Investigation of anaesthetic, operative deaths:	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS
5/28/2021	Friday	<b>PH1.25:</b> Describe the mechanisms of action, types, doses, side effects, indications and contraindications of <b>fibrinolytics.</b>	<b>SDL-PATHOLOGY-2</b> <b>PA 13.2 Describe the role of anticoagulants in haematology &amp; lab practice.</b>	<b>PA 16.5:</b> Describe the peripheral blood picture in different hemolytic anaemia	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS
5/29/2021	Saturday	<b>IM 3.1:</b> Define, discuss, describe and distinguish community acquired pneumonia, nosocomial pneumonia and aspiration pneumonia.	<b>CLINICS</b>	<b>MI 1.1</b> Enlist the causative agents of Blood stream infections, Mention the pathogenesis of septicemia., Outline the laboratory diagnosis of septicemia.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS
5/31/2021	Monday	PH 1.50: Describe mechanisms of action, types, doses, side effects, indications and contraindications of immunomodulators and management of organ transplant rejection.	<b>CLINICS</b>	PA 9.3 Describe the HLA system and the immune principles involved in transplant and mechanism of transplant rejection	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/1/2021	Tuesday	<b>SU 13.2</b> Describe principles of immunosuppressive therapy. Enumerate indications, describe surgical principles, management of organ transplantation.	<b>CLINICS</b>	<b>MI 2.1:</b> Mention the etiopathogenesis and Laboratory diagnosis of Rheumatic fever	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

6/2/2021	Wednesday	<b>PA 9.4</b> Define autoimmunity. Enumerate autoimmune disorders.	<b>CLINICS</b>	<b>PH1.31:</b> Describe the mechanisms of action, types, doses, side effects, indications and contraindications of <b>hypolipidemic agent.</b>	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/3/2021	Thursday	<b>MI 2.7:</b> Explain the etiopathogenesis of HIV infection	<b>CLINICS</b>	<b>FM 2.24:</b> Thermal deaths: Describe the clinical features, post-mortem finding and medicolegal aspects of injuries due to physical agents like heat (heathyper-pyrexia, heat stroke, sun stroke, heat exhaustion/prostration, heat cramps [miner's cramp] or cold (systemic and localized hypothermia, frostbite, trench foot, immersion foot)	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/4/2021	Friday	<b>PH 1.30:</b> Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antiarrhythmics.	<b>AETCOM:</b> Module 2.4 contd: Working in a healthcare team. 1. Demonstrate the ability to work in a team of peers and superiors (2nd class).	<b>PA 9.6:</b> Define and describe the pathogenesis and pathology of HIV and AIDS.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/5/2021	Saturday	<b>IM 3.2:</b> Discuss and describe the aetiologies of various kinds of pneumonia and their microbiology depending on the setting and immune status of the host	<b>CLINICS</b>	<b>MI 2.7:</b> Explain the diagnosis of HIV infection	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

6/7/2021	Monday	PH 1.24: Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs affecting renal systems including diuretics, antidiuretics- vasopressin and analogues.	CLINICS	PA 6.1 Define and describe edema, its types, pathogenesis and clinical correlations.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/8/2021	Tuesday	SU 17.5 Describe clinical features for neurological assessment & GCS in head injuries. SU 17.6 Chose appropriate investigation & discuss principles of management of head injuries	CLINICS	MI 3.3: Discuss the etiopathogenesis and laboratory diagnosis of Enteric fever	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/9/2021	Wednesday	PA 6.1: Define and describe edema, its types, pathogenesis and clinical correlations.	CLINICS	PH 1.24: Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs affecting renal systems including diuretics, antidiuretics- vasopressin and analogues.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/10/2021	Thursday	MI 1.1: Comment on pathogenesis and diagnosis of Brucellosis, Leptospirosis and Borreliosis	CLINICS	OG 2.1: Describe and discuss the development and anatomy of the female reproductive tract, relationship to other pelvic organs, applied anatomy as related to Obstetrics and Gynaecology.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/11/2021	Friday	PH 1.27: Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antihypertensive drugs.	SDL- PHARMACOLOGY-2: Ocular pharmacology.	AITO- IHD. PA 6.4 Define and describe normal haemostasis and the etiopathogenesis and consequences of thrombosis.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

6/14/2021	Monday	<b>PH 1.27:</b> Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antihypertensive drugs.	<b>CLINICS</b>	<b>AITO- IHD</b> PA 6.5: Define and describe embolism and its causes and common types.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/15/2021	Tuesday	<b>SU 17.8</b> Describe pathophysiology of chest injuries. <b>SU 17.9</b> Describe clinical features & principles of management of chest injuries	<b>CLINICS</b>	<b>MI 1.1:</b> Enlist viruses causing Viral hemorrhagic fever. Explain the types, etiopathogenesis and diagnosis of Dengue	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/16/2021	Wednesday	<b>AITO- IHD. PATHOLOGY:</b> Describe the epidemiology and risk factors of ischemic heart disease	<b>CLINICS</b>	PH 1.28: Describe the mechanisms of action, types, doses, side effects, indications and contraindications of drugs used in CHF.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/17/2021	Thursday	<b>MI 1.1:</b> Enlist the Rickettsial infections. Briefly explain the pathogenesis and lab diagnosis	<b>CLINICS</b>	<b>AITO- IHD. FSM:</b> Cardiac temponade, causes of cardiac temponade, saddle thrombus, medico-legal aspects of sudden death due to cardiovascular causes, relationship between death due to trauma and natural disease.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/18/2021	Friday	<b>AITO- IHD. PHARMACOLOGY:</b> Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in ischemic heart disease- <b>nitrates.</b>	<b>AETCOM:</b> Module 2.4 contd: Working in a healthcare team. 2. Demonstrate respect in relationship with patients, fellow team members, superiors and other healthcare workers. <b>Assessment.</b>	<b>AITO- IHD. PATHOLOGY:</b> Describe the etiology, pathophysiology of ischemic heart disease	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

6/19/2021	Saturday	<b>IM 3.3:</b> Discuss and describe the pathogenesis, presentation, natural history and complications of pneumonia	<b>CLINICS</b>	<b>MI 3.1:</b> Explain the etiopathogenesis and lab diagnosis of Cholera	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/21/2021	Monday	<b>AITO- IHD. PHARMACOLOGY:</b> Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in ischemic heart disease- <b>Beta blocker, Calcium channel blockers &amp; others.</b>	<b>CLINICS</b>	<b>AITO- IHD. PATHOLOGY:</b> Describe the presentation, gross and microscopic features, diagnostic tests and complications of ischemic heart disease	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/22/2021	Tuesday	<b>SU 2.2</b> Describe clinical features of shock and its appropriate treatment	<b>CLINICS</b>	<b>MI 2.5:</b> Explain the etiopathogenesis, clinical evolution and lab diagnosis of Kala azar	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/23/2021	Wednesday	<b>PA 6.3</b> Define and describe shock, its pathogenesis and its stages	<b>CLINICS</b>	<b>PH 1.27:</b> Describe the mechanisms of action, types, doses, side effects, indications and contraindications of drugs used in shock.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/24/2021	Thursday	<b>MI 2.5:</b> Explain the etiopathogenesis, clinical evolution and lab diagnosis of Filariasis	<b>CLINICS</b>	<b>AITO- IHD. FSM:</b> Define sudden death, cardiovascular causes of sudden natural death, describe coronary circulation, gross/autopsy and histopathological findings of heart in a case of death due to myocardial infarction, hypertrophic obstructive cardiomyopathy,	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

6/25/2021	Friday	PH1.18: Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of general anaesthetics, and preanesthetic medications.	<b>SDL-MICROBIOLOGY 2: SKIN &amp; SOFT TISSUE &amp; MUSCULOSKELETAL INFECTIONS.</b>	PA 21.2 Classify and describe the etiology, pathogenesis and pathology of vascular and platelet disorders including ITP and haemophilias.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/26/2021	Saturday	<b>CM3.1:</b> Describe the health hazards of air, water, noise, radiation and pollution	<b>CLINICS</b>	<b>MI 3.1:</b> Explain the etiopathogenesis and lab diagnosis of Shigellosis	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
6/28/2021	Monday	<b>PH 1.19</b> Describe mechanism of action, types, doses, side effects, indications & contraindications of anxiolytics, sedatives & hypnotics.	<b>CLINICS</b>	<b>PA 21.2</b> Classify and describe the etiology, pathogenesis and pathology of vascular and platelet disorders including ITP and haemophilias.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS
6/29/2021	Tuesday	<b>SU 18.1</b> Describe pathogenesis, clinical features & management of various cutaneous & sub cutaneous infection. <b>SU 18.2</b> Classify skin tumors. Differentiate different skin tumors & discuss their management	<b>CLINICS</b>	<b>MI 3.1:</b> Explain the etiopathogenesis, complications and lab diagnosis of Intestinal amoebiasis	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
6/30/2021	Wednesday	<b>PA 21.4 and 21.5:</b> Define, describe, laboratory findings and diagnosis of disseminated intravascular coagulation and diagnosis of Vitamin K deficiency.	<b>CLINICS</b>	<b>PH 1.19:</b> Describe mechanism of action, types, doses, side effects, indications & contraindications of anti-psychotic and anti-manics.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS
7/1/2021	Thursday	<b>AITO- MALARIA. MICROBIOLOGY:</b> History, etiological agents/parasites, morphological features of those parasites, mode of transmission & life cycle of Malaria disease,	<b>CLINICS</b>	<b>OG 2.1:</b> Describe and discuss the development and anatomy of the female reproductive tract, relationship to other pelvic organs, applied anatomy as related to Obstetrics and Gynaecology.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.

7/2/2021	Friday	<b>PH 1.19:</b> Describe mechanism of action, types, doses, side effects, indications & contraindications of anti-psychotic and anti-manics.	<b>AETCOM: Module 2.5:</b> Identify, discuss and defend medico-legal, socio-cultural and ethical issues as it pertain to patient autonomy, patient rights and shared responsibility in health care. 1. Introduction and group formation. 2.case introduction	<b>PA 21.4 and 21.5:</b> Define, describe, laboratory findings and diagnosis of disseminated intravascular coagulation and diagnosis of Vitamin K deficiency.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
7/3/2021	Saturday	<b>AITO- MALARIA COMMUNITY MED (CM3.6):</b> Vectors- Definition, classification, diseases transmission and mechanism of disease transmission by vectors.	<b>CLINICS</b>	<b>MI 3.1:</b> Comment on etiopathogenesis and lab diagnosis of Strongyloidosis, Trichuriasis, Enterobiasis.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
7/5/2021	Monday	<b>AITO- MALARIA COMMUNITY MED (CM3.6):</b> National health programme related to vector borne diseases, Integrated vector management.	<b>CLINICS</b>	<b>AITO- MALARIA PATHOLOGY:</b> Define and describe pathology of malaria	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
7/6/2021	Tuesday	<b>AITO- MALARIA IM 4.6:</b> Discuss and describe the manifestations of Malaria.	<b>CLINICS</b>	<b>AITO- MALARIA. MICROBIOLOGY:</b> Describe briefly clinical stages of uncomplicated Malaria. Describe briefly different complications of Malaria. Describe pathogenesis of uncomplicated Malaria.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

7/7/2021	Wednesday	<b>PA 27.1:</b> Distinguish arteriosclerosis from atherosclerosis. Describe the pathogenesis and pathology of various causes and types of arteriosclerosis	<b>CLINICS</b>	<b>AITO- MALARIA PHARMACOLOGY:</b> Describe and discuss the pharmacology, indications, adverse reactions, interactions of drugs for malaria.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
7/8/2021	Thursday	<b>AITO- MALARIA MICROBIOLOGY:</b> Immunopathogenesis of Cerebral Malaria. Different modalities of investigations of malaria.	<b>CLINICS</b>	<b>OG 3.1:</b> Describe the physiology of ovulation, menstruation, fertilization, implantation and gametogenesis.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
7/9/2021	Friday	<b>AITO- MALARIA PHARMACOLOGY:</b> Describe and discuss the pharmacology, indications, adverse reactions, interactions of drugs for malaria.	<b>SDL- COMMUNITY MED-2: Describe manmade disasters in the world and in India.</b>	<b>PA 27.2:</b> Describe the etiology, dynamics, pathology types and complications of aneurysms including aortic aneurysms	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
7/12/2021	Monday	<b>PH1.47:</b> Describe and discuss the pharmacology, indications, adverse reactions, interactions of antiamoebic and other antiprotozoal drugs.	<b>CLINICS</b>	<b>PA 27.3:</b> Describe the etiology, types, stages pathophysiology, pathology and complications of heart failure	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
<b>THEORY INTERNAL ASESSMENT (FORMATIVE).</b>					
7/13/2021	Tuesday	<b>PATHOLOGY:</b>	<b>TIME: 10AM TO 1PM.</b>	<b>MARKS=100</b>	
7/14/2021	Wednesday	<b>PHARMACOLOGY</b>	<b>TIME: 10AM TO 1PM.</b>	<b>MARKS=100</b>	
7/15/2021	Thursday	<b>MICROBIOLOGY</b>	<b>TIME: 10AM TO 1PM.</b>	<b>MARKS=100</b>	
<b>PRACTICAL INTERNAL ASESSMENT (FORMATIVE).</b>					
7/16/2021	Friday	<b>PATHOLOGY:</b>	<b>PHARMACOLOGY</b>	<b>MICROBIOLOGY</b>	
		<b>BATCH-A</b>	<b>BATCH-B</b>	<b>BATCH-C</b>	
7/19/2021	Monday	<b>BATCH-B</b>	<b>BATCH-C</b>	<b>BATCH-A</b>	
7/20/2021	Tuesday	<b>BATCH-C</b>	<b>BATCH-A</b>	<b>BATCH-B</b>	
7/22/2021	Thursday	<b>MI 3.1:</b> Enlist the intestinal cestoidal and trematode infection. Comment on D. latum, Taenia, Hymenolepis, Fasciola buski.	<b>CLINICS</b>	<b>OG 3.1:</b> Describe the physiology of ovulation, menstruation, fertilization, implantation and gametogenesis.	

7/23/2021	Friday	<b>PH1.48:</b> Describe the mechanisms of action , types, doses, side effects, indications & contraindications of Antihelminthic drugs.	SDL-FSM-2: Discuss estimation of time since death	<b>PA 27.4:</b> Describe the gross and microscopic features, criteria and complications of rheumatic fever.	
7/24/2021	Saturday	<b>CM3.2:</b> Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes, water quality standards, concepts of water conservation and rainwater harveting.	<b>CLINICS</b>	<b>MI 2.1, 2.2:</b> Mention the etiopathogenesis and Laboratory diagnosis of Rheumatic fever.	
7/26/2021	Monday	<b>PH 1.19:</b> Describe mechanism of action, types, doses, side effects, indications & contraindications of anti-depressants.	<b>CLINICS</b>	<b>PA 27.4:</b> Describe the gross and microscopic features, criteria and complications of rheumatic fever.	
7/27/2021	Tuesday	<b>SU 19.1</b> Describe etiology & classification of cleft lip & plate. <b>SU 19.2</b> Describe principles of reconstruction of cleft lip & plate	<b>CLINICS</b>	<b>MI 1.1:</b> Etiopathogenesis and lab diagnosis of plague.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS
7/28/2021	Wednesday	<b>PA 27. 6:</b> Describe the etiology, pathophysiology, pathology, gross microscopic features, diagnosis and complications of infective endocarditis.	<b>CLINICS</b>	<b>PH 1.19:</b> Describe mechanism of action, types, doses, side effects, indications & contraindications of anti-parkinsonian drugs and drugs for other neurodegenerative diseases.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
7/29/2021	Thursday	<b>MI 6.1:</b> Rhino virus, adeno virus andinfectious mononucleosis	<b>CLINICS</b>	<b>OG 3.1:</b> Describe the physiology of ovulation, menstruation, fertilization, implantation and gametogenesis.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS

7/30/2021	Friday	PH 1.19: Describe mechanism of action, types, doses, side effects, indications & contraindications of anti-epileptic drugs.	<b>AETCOM: Module 2.5:</b> Identify, discuss and defend medico-legal, socio-cultural and ethical issues as it pertain to patient autonomy, patient rights and shared responsibility in health care. 3. Self- directed learning	<b>PA 27. 6:</b> Describe the etiology, pathophysiology, pathology, gross microscopic features, diagnosis and complications of infective endocarditis.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
8/2/2021	Monday	PH 1.19: Describe mechanism of action, types, doses, side effects, indications & contraindications of anti-epileptic drugs.	<b>CLINICS</b>	PA 27.7: Describe the etiology, pathophysiology, pathology, gross and microscopic features, diagnosis and complications of pericarditis and pericardial effssion.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
8/3/2021	Tuesday	<b>SU 21.1</b> Describe surgical anatomy of salivary glands. Pathology and clinical presentation of disorders of salivary glands. <b>SU 21.2</b> Enumerate the appropriate investigations and describe the principles of treatment of disorders of salivary glands.	<b>CLINICS</b>	<b>MI 2.1, 2.2:</b> Enlist the causative agents of Blood stream infections, Mention the pathogenesis of septicemia., Outline the laboratory diagnosis of septicemia.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

8/4/2021	Wednesday	<b>PA 27.9 and 27.10:</b> Classify and describe the etiology, types, pathophysiology, pathology, gross and microscopic features, diagnosis and complications of cardiomyopathies. Describe the etiology, pathophysiology, pathology features and complications of syphilis on the cardiovascular system	<b>CLINICS</b>	<b>PH 1.19:</b> Describe mechanism of action, types, doses, side effects, indications & contraindications of opioids.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
8/5/2021	Thursday	<b>MI 4.3</b> Classify Herpes viruses and enumerate the infections caused by them. Mention in details the pathogenesis and lab diagnosis of infections caused by MMR, Varicella zoster, HSV, Pox viruses.	<b>CLINICS</b>	<b>OG 3.1:</b> Describe the physiology of ovulation, menstruation, fertilization, implantation and gametogenesis.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
8/6/2021	Friday	<b>PH 1.48:</b> Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in HIV.	<b>SDL-PATHOLOGY-3 PA 30.4 Ovarian Tumours</b>	<b>AITO- JAUNDICE PATHOLOGY:</b> Describe bilirubin metabolism. Discuss Etiology & pathogenesis of jaundice and Distinguish between direct and indirect hyperbilirubinemia	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
8/7/2021	Saturday	<b>CM3.4</b> Describe the concept of solid waste, human excreta and sewage disposal	<b>CLINICS</b>	<b>MI 4.3</b> Classify Herpes viruses and enumerate the infections caused by them. Mention in details the pathogenesis and lab diagnosis of infections caused by MMR, Varicella zoster, HSV, Pox viruses.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

8/9/2021	Monday	<b>AITO- JAUNDICE PHARMACOLOGY:</b> Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in viral diseases including Hepatitis.	<b>CLINICS</b>	<b>AITO- JAUNDICE PATHOLOGY:</b> Describe pathophysiology of hepatic failure. Describe pathologic changes seen in hepatic failure. List out the clinical manifestations, complications and consequences of hepatic failure.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
8/10/2021	Tuesday	<b>SU 20.1</b> Describe etiopathogenesis of oral cancer. Symptoms and signs of oropharyngeal cancer. <b>SU 20.2</b> Enumerate appropriate investigation & discuss principles of treatment	<b>CLINICS</b>	<b>AITO- JAUNDICE MICROBIOLOGY:</b> 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	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
8/11/2021	Wednesday	<b>AITO- JAUNDICE PATHOLOGY:</b> 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 of hepatitis, Describe the complications of hepatitis, Describe the consequences of hepatitis.	<b>CLINICS</b>	<b>PH 1.34:</b> Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of Acid-peptic disease.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
8/12/2021	Thursday	<b>AITO- JAUNDICE MICROBIOLOGY:</b> 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	<b>CLINICS</b>	<b>OG 4.1:</b> Describe and discuss the basic embryology of fetus, factors, influencing fetal growth and development, anatomy and physiology, of placenta, and teratogenesis.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

8/13/2021	Friday	<p><b>PH 1.34:</b> Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of Acid-peptic disease.</p>	<p><b>AETCOM:</b> Module 2.5: Identify, discuss and defend medico-legal, socio-cultural and ethical issues as it pertain to patient autonomy, patient rights and shared responsibility in health care.</p> <p>4. Anchoring lecture. 5. case resolution.</p> <p><b>Assessment:</b></p>	<p><b>AITO- JAUNDICE PATHOLOGY:</b> Describe the pathophysiology of alcohol liver disease including cirrhosis, Describe the pathology of alcohol liver disease including cirrhosis.</p>	<p>SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)</p>
8/16/2021	Monday	<p><b>PH 1.34:</b> Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of antiemetic and prokinetics.</p>	<p><b>CLINICS</b></p>	<p><b>AITO- JAUNDICE PATHOLOGY:</b> Describe the progression of alcohol liver disease including cirrhosis. Describe the etiology of portal hypertension, Describe the pathogenesis of portal hypertension, Describe the complications of portal hypertension.</p>	<p>SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)</p>

8/17/2021	Tuesday	<p><b>IM 3.15:</b> Describe and enumerate the indications for hospitalisation in patients with pneumonia. <b>IM 3.16:</b> Describe and enumerate the indications for isolation and barrier nursing in patients with pneumonia. <b>IM 3.17:</b> Describe and discuss the supportive therapy in patients with pneumonia including oxygen use and indications for ventilation.</p>	CLINICS	<p><b>AITO- JAUNDICE MICROBIOLOGY:</b> 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</p>	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
8/18/2021	Wednesday	PA 24.1 Describe the etiology, pathogenesis, pathology and clinical features of oral cancers.	CLINICS	PH 1.34: Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of drugs used in diarrhoea and Irritable Bowel Disorders.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
8/20/2021	Friday	<b>PH:</b> Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in fngal infections.	<b>SDL- PHARMACOLOGY3:</b> Drug dependance and addiction.	PA 24.4: Describe and etiology and pathogenesis and pathologic features of carcinoma of the stomach.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
8/21/2021	Saturday	<p><b>AITO- JAUNDICE COMMUNITY MEDICINE (CM3.3):</b> Enumerate the etiological agents causing water borne diseases. Describe mode of transmission of water borne diseases (Jaundice and diarrhoeal disease).</p>	CLINICS	<b>MI 4.3:</b> Comment on the etiology of Superficial mycoses. Explain the etiopathogenesis and lab diagnosis of Candidiasis. Explain the etiopathogenesis and lab diagnosis of Dermatophytes.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
8/23/2021	Monday	<b>PH:</b> Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in fngal infections.	CLINICS	PA 24.6 Describe and etiology and pathogenesis and pathologic and distinguishing features of Inflammatory bowel disease.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

8/24/2021	Tuesday	<b>IM 15.1:</b> Enumerate, describe and discuss the aetiology of upper and lower GI bleeding. <b>IM 15.2:</b> Enumerate, describe and discuss the evaluation and steps involved in stabilizing a patient who presents with acute volume loss and GI Bleed	<b>CLINICS</b>	<b>MI 4.3:</b> Comment on the etiology of Superficial mycoses. Explain the etiopathogenesis and lab diagnosis of Candidiasis. Explain the etiopathogenesis and lab diagnosis of Dermatophytes.	SMALL GROUP LEARNING (COM MED/FSM) / SPORTS.
8/25/2021	Wednesday	<b>PA 24.7</b> Describe the etiology, pathogenesis, pathology and distinguishing features of carcinoma of the colon	<b>CLINICS</b>	<b>PH 1.34:</b> Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of Inflammatory Bowel Disease.	SMALL GROUP LEARNING (COM MED/FSM) / SPORTS
8/26/2021	Thursday	<b>MI 4.3:</b> Comment on the etiology of Subcutaneous mycoses.Explain the etiopathogenesis and lab diagnosis of Mycetoma. Briefly comment on other subcutaneous mycoses.	<b>CLINICS</b>	<b>OG 4.1:</b> Describe and discuss the basic embryology of fetus, factors, influencing fetal growth and development, anatomy and physiology, of placenta, and teratogenesis.	SMALL GROUP LEARNING (COM MED/FSM) / SPORTS.
8/27/2021	Friday	<b>PH 1.34:</b> Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of Laxatives.	<b>AETCOM: Module 2.6:</b> Identify, discuss and defend medico-legal, socio-cultural and ethical issues as they pertain to refusal of care including do not resuscitate and withdrawal life support. 1. Introduction of case. 2. Self- directed learning	<b>AITO-TUBERCULOSIS. PATHOLOGY:</b> Describe tuberculosis of intestine. Describe etiology, pathogenesis and pathologic features of tuberculosis of intestine.	SMALL GROUP LEARNING (COM MED/FSM) / SPORTS.

8/28/2021	Saturday	<b>CM7.5:</b> Enumerate, define, describe and discuss epidemiological study designs	<b>CLINICS</b>	<b>MI 4.3:</b> Comment on the etiology of Subcutaneous mycoses. Explain the etiopathogenesis and lab diagnosis of Mycetoma. Briefly comment on other subcutaneous mycoses.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
8/31/2021	Tuesday	<b>IM 15.3:</b> Describe and discuss the physiologic effects of acute blood and volume loss. <b>IM 15.6:</b> Distinguish between upper and lower gastrointestinal bleeding based on the clinical features	<b>CLINICS</b>	<b>AITO-TUBERCULOSIS. MICROBIOLOGY:</b> Common pathogenic bacteria/ virus/ fungi/ parasite causing upper and lower respiratory tract infections. Different clinical types of upper and lower respiratory tract infections.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
9/1/2021	Wednesday	<b>AITO-TUBERCULOSIS. PATHOLOGY:</b> Define and describe the etiology of tuberculosis of lung. Describe the types, pathogenesis, stages, morphology and microscopic appearance and complications of tuberculosis of lung	<b>CLINICS</b>	<b>AITO-TUBERCULOSIS. PHARMACOLOGY:</b> Describe the first line antitubercular drugs, their mechanisms of action, side effects and doses.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
9/2/2021	Thursday	<b>AITO-TUBERCULOSIS. MICROBIOLOGY:</b> Describe morphological features, and cultural characteristics of bacteria responsible for Tuberculosis. Discuss the various stages and immunopathogenesis of pulmonary tuberculosis.	<b>CLINICS</b>	<b>AITO-TUBERCULOSIS. FSM:</b> What are the guidelines and precautions for dealing infected / contagious bodies during medico-legal and pathological autopsy	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
9/3/2021	Friday	<b>AITO-TUBERCULOSIS. PHARMACOLOGY:</b> Describe treatment regimens of Tuberculosis as per RNTCP guidelines. Describe the drugs used in MDR and XDR Tuberculosis	<b>SDL-MICROBIOLOGY-3: GIT INFECTION SYNDROME.</b>	<b>PA26.1:</b> Define and describe the etiology, types, pathogenesis, stages, morphology and complications of pneumonia.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

9/4/2021	Saturday	<b>CM7.8:</b> Describe the principles of association, causation and biases in epidemiological studies	CLINICS	<b>AITO-TUBERCULOSIS. MICROBIOLOGY:</b> Discuss the laboratory diagnosis and preventive aspects of pulmonary tuberculosis. Explain extrapulmonary tuberculosis and it's pathogenesis ( mainly tubercular meningitis).	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
9/6/2021	Monday	<b>PH 1.46:</b> Describe the mechanisms of action , types, doses, side effects, indications & contraindications of antileprotic drugs	CLINICS	<b>PA26.1:</b> Define and describe the etiology, types, pathogenesis, stages, morphology and complications of pneumonia.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
9/7/2021	Tuesday	<b>IM 15.10:</b> Enumerate the indications for endoscopy, colonoscopy and other imaging procedures in the investigation of Upper GI bleeding. <b>IM 15.11:</b> Develop, document and present a treatment plan that includes fluid resuscitation, blood and blood component transfusion, and specific therapy for arresting blood loss	CLINICS	<b>MI 6.1:</b> Describe the morphology, pathogenecity, lab diagnosis and prophylaxis of Diptheria.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
9/8/2021	Wednesday	<b>PA 26.2:</b> Describe the etiology, gross and microscopic appearance and complications of lung abscess.	CLINICS	<b>PH1.48:</b> Describe the mechanisms of action , types, doses, side effects, indications & contraindications of Sulfonamide & co-trimoxazole	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
9/9/2021	Thursday	<b>MI 6.1:</b> Discuss the morphology, pathogenesis and lab diagnosis of Infuenza virus infction. Comment on Bird Flu and Swine Flu	CLINICS	<b>OG 4.1:</b> Describe and discuss the basic embryology of fetus, factors, influencing fetal growth and development, anatomy and physiology, of placenta, and teratogenesis.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

9/10/2021	Friday	<b>PH1.48:</b> Describe the mechanisms of action , types, doses, side effects, indications & contraindications of fluoroquinolones.	<b>AETCOM: Module 2.6 contd:</b> Identify, discuss and defend medico-legal, socio-cultural and ethical issues as they pertain to refusal of care including do not resuscitate and withdrawal life support. 3. Anchoring lecture. 4. Discussion and closure of case. <b>Assessment.</b>	<b>PA26.1:</b> Define and describe the etiology, types, pathogenesis, stages, morphology, complications and evaluation of obstructed airway disease (OAD) and bronchiectasis.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
9/13/2021	Monday	<b>PH1.48:</b> Describe the mechanisms of action , types, doses, side effects, indications & contraindications of Penicillins.	<b>CLINICS</b>	<b>PA26.1:</b> Define and describe the etiology, types, pathogenesis, stages, morphology, complications and evaluation of obstructed airway disease (OAD) and bronchiectasis.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
9/14/2021	Tuesday	<b>IM 15. 12:</b> Enumerate the indications for whole blood, component and platelet transfusion and describe the clinical features and management of a mismatched transfusion	<b>CLINICS</b>	<b>MI 4.3:</b> Explain in details the various Streptococcal infections and etiopathogenesis. Outline the lab diagnosis of the Streptococcal infections.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
9/15/2021	Wednesday	PA 26.6 and 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, pleura and mesothelioma.	<b>CLINICS</b>	PH1.48: Describe the mechanisms of action , types, doses, side effects, indications & contraindications of cephalosporin & other beta lactams.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

9/16/2021	Thursday	<b>MI 6.1:</b> Explain the fungal agents causing LRTI – Aspergillosis, Pneumocystosis	<b>CLINICS</b>	<b>OG 6.1:</b> Describe, discuss and demonstrate the clinical features of pregnancy, derive and discuss its differential diagnosis, elaborate the principles underlying and interpret pregnancy tests.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
9/17/2021	Friday	<b>PH1.33:</b> Describe the mechanism of action, types, doses, side effects, indications and contraindications of the drugs used in cough (antitussives, expectorants/ mucolytics)	<b>SDL-COMMUNITY MED-3: Environmental health-different aspects.</b>	<b>PA 33.1:</b> Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications of osteomyelitis.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
9/18/2021	Saturday	<b>CM13.1:</b> Define and describe the concept of Disaster management	<b>CLINICS</b>	<b>MI 4.3:</b> Explain the morphology, antigenic structure, toxins, clinical presentation, pathogenesis and laboratory diagnosis of Staphylococcus aureus. Comment in brief on pathogenic CONS.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
9/20/2021	Monday	<b>PH 1.32:</b> Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of drugs used in bronchial asthma and COPD.	<b>CLINICS</b>	<b>PA 33.1:</b> Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications and metastases of bone tumors.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
9/21/2021	Tuesday	<b>SU 22.1</b> Describe the applied anatomy and physiology of thyroid. <b>SU 22.2</b> Describe the etiopathogenesis of thyroid Swelling.	<b>CLINICS</b>	<b>MI 4.3</b> Explain the etiopathogenesis and lab diagnosis of Gas gangrene.Explain the etiopathogenesis and lab diagnosis of Tetanus.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
9/22/2021	Wednesday	<b>AITO-THYROID DISEASES. PATHOLOGY:</b> Enumerate and classify thyroid swellings. Describe the pathogenesis of thyroid swellings	<b>CLINICS</b>	PH1.48: Describe the mechanisms of action , types, doses, side effects, indications & contraindications of macrolides.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

9/23/2021	Thursday	<b>MI 5.1:</b> Explain the etiopathogenesis and lab diagnosis of pyogenic meningitis caused by <i>Neisseria meningitidis</i> , <i>Streptococcus pneumoniae</i> and <i>Haemophilus influenzae</i> .	<b>CLINICS</b>	<b>OG 6.1:</b> Describe, discuss and demonstrate the clinical features of pregnancy, derive and discuss its differential diagnosis, elaborate the principles underlying and interpret pregnancy tests.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
9/24/2021	Friday	<b>PH1.48:</b> Describe the mechanisms of action , types, doses, side effects, indications & contraindications of broad spectrum antimicrobials.	<b>AETCOM:Module 2.7:</b> Identify, discuss and defend, medico-legal, socio-cultural and ethical issues as they pertain to consent for surgical procedures. 1. Introduction of case. 2. Self-directed learning.	<b>AITO-THYROID DISEASES. PATHOLOGY:</b> Describe the pathology and iodine dependency of thyroid swellings	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
9/25/2021	Saturday	<b>AITO-THYROID DISEASES. COMMUNITY MED:</b> Describe the burden of Iodine Deficiency Disorders in India. Describe various Goitre control measures. Describe briefly, National Iodine Deficiency Disorder Control Programme	<b>CLINICS</b>	<b>MI 5.1:</b> Explain the etiopathogenesis and lab diagnosis of pyogenic meningitis caused by <i>Neisseria meningitidis</i> , <i>Streptococcus pneumoniae</i> and <i>Haemophilus influenzae</i> .	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
9/27/2021	Monday	<b>AITO-THYROID DISEASES. PHARMACOLOGY:</b> Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in hypothyroidism.	<b>CLINICS</b>	<b>AITO-THYROID DISEASES. PATHOLOGY:</b> Describe the etiology, pathogenesis, manifestations, laboratory features, imaging features and course of hypothyroidism.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
9/28/2021	Tuesday	<b>SU 22.4</b> Describe the clinical features, classification and principles of management of thyroid cancer.	<b>CLINICS</b>	<b>MI 5.1:</b> Explain the etiopathogenesis and lab diagnosis of Aseptic meningitis caused by <i>Cryptococcus</i> and <i>Tubercle bacilli</i> .	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS

9/29/2021	Wednesday	<b>AITO-THYROID DISEASES. PATHOLOGY:</b> Describe the etiology, iodine dependancy, pathogenesis, manifestations, laboratory features, imaging features and course of thyrotoxicosis.	<b>CLINICS</b>	<b>AITO-THYROID DISEASES. PHARMACOLOGY:</b> Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in hyperthyroidism.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
9/30/2021	Thursday	<b>MI 5.1:</b> Explain the etiopathogenesis and lab diagnosis and prophylaxis of Poliomyelitis.	<b>CLINICS</b>	<b>OG 6.1:</b> Describe, discuss and demonstrate the clinical features of pregnancy, derive and discuss its differential diagnosis, elaborate the principles underlying and interpret pregnancy tests.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
<b>THEORY INTERNAL ASESSMENT (FORMATIVE).</b>					
10/1/2021	Friday	<b>PATHOLOGY:</b>	<b>TIME: 10AM TO 1PM.</b>	<b>MARKS=100</b>	
10/4/2021	Monday	<b>PHARMACOLOGY</b>	<b>TIME: 10AM TO 1PM.</b>	<b>MARKS=100</b>	
10/5/2021	Tuesday	<b>MICROBIOLOGY</b>	<b>TIME: 10AM TO 1PM.</b>	<b>MARKS=100</b>	
<b>PRACTICAL INTERNAL ASESSMENT (FORMATIVE).</b>					
		<b>PATHOLOGY:</b>	<b>PHARMACOLOGY</b>	<b>MICROBIOLOGY</b>	
10/7/2021	Thursday	<b>BATCH-A</b>	<b>BATCH-B</b>	<b>BATCH-C</b>	
10/8/2021	Friday	<b>BATCH-B</b>	<b>BATCH-C</b>	<b>BATCH-A</b>	
10/9/2021	Saturday	<b>BATCH-C</b>	<b>BATCH-A</b>	<b>BATCH-B</b>	
10/11/2021	Monday	<b>PH 1.37:</b> Describe mechanisms of action, types, doses, side effects, indications & contraindications of the drugs used as anterior pituitary hormones.	<b>CLINICS</b>	<b>PA 28.1 &amp; 2:</b> 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.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

10/22/2021	Friday	<b>PH1.48:</b> Describe the mechanisms of action , types, doses, side effects, indications & contraindications of aminoglycosides.	<b>SDL-PATHOLOGY- 4 Renal Physiology &amp; Pathology</b>	<b>PA28.3:</b> Define and describe the etiology, precipitating factors, pathogenesis, pathology, laboratory urinary findings, progression and complications of acute renal failure.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
10/23/2021	Saturday	<b>CM13.2:</b> Describe disaster management cycle	<b>CLINICS</b>	<b>MI 5.2:</b> Explain the etiopathogenesis and lab diagnosis of Viral encephalitis caused by Rhabdo virus.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
10/25/2021	Monday	<b>PH1.48:</b> Describe the mechanisms of action , types, doses, side effects, indications & contraindications of Anticancer drugs.	<b>CLINICS</b>	<b>PA28.4:</b> Define and describe the etiology, precipitating factors, pathogenesis, pathology, laboratory urinary findings, progression and complications of chronic renal failure.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
10/26/2021	Tuesday	<b>IM15.14:</b> Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy of pressors used in the treatment of Upper GI bleed	<b>CLINICS</b>	<b>MI 5.2:</b> Explain the etiopathogenesis and lab diagnosis of Toxoplasmosis	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS
10/27/2021	Wednesday	<b>AITO-DIABETES MELLITUS. PATHOLOGY:</b> Classify diabetes mellitus, Describe the epidemiology of diabetes mellitus	<b>CLINICS</b>	<b>AITO-DIABETES MELLITUS. PHARMACOLOGY:</b> Describe the mechanism of action, types, doses, side effects, indications and contraindications of inulin preparations.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.

10/28/2021	Thursday	<b>MI 5.2:</b> Explain the etiopathogenesis and lab diagnosis of Toxoplasmosis	<b>CLINICS</b>	<b>AITO-DIABETES MELLITUS. FSM:</b> Clinical feature of acute insulin poisoning. Diagnosis of insulin poisoning. Management of insulin overdose or poisoning. Medico-legal issues involving with insulin therapy.	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
10/29/2021	Friday	<b>PH 1.36:</b> Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in osteoporosis.	<b>AETCOM:Module 2.7 contd:</b> Identify, discuss and defend, medico-legal, socio-cultural and ethical issues as they pertain to consent for surgical procedures. 3. Anchoring lecture. 4. Discussion and closure of case. <b>Assessment.</b>	<b>AITO-DIABETES MELLITUS. PATHOLOGY:</b> Describe the etiology of diabetes mellitus, Describe the pathogenesis of diabetes mellitus	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.
10/30/2021	Saturday	<b>CM14.1:</b> Define and classify hospital waste.	<b>CLINICS</b>	<b>MI 7.1-7.2:</b> Infective Syndromes of Genital Tract - Define sexually-transmitted infections Classification of sexually-transmitted infections and discuss the etiopathogenesis and laboratory diagnosis of ulcerative Genital Disease: Syphilis, lymphogranuloma venerum, granuloma inguinale, soft chancre and genital herpes	SMALL GROUP LEARNING (COM MED/ FSM) / SPORTS.

11/1/2021	Monday	<b>AITO-DIABETES MELLITUS. PHARMACOLOGY:</b> Describe the mechanism of action, types, doses, side effects, indications and contraindications of OHGAs.	<b>CLINICS</b>	<b>AITO-DIABETES MELLITUS. PATHOLOGY:</b> Describe the pathology of diabetes mellitus. Describe the clinical laboratory features of diabetes mellitus	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/2/2021	Tuesday	<b>IM15.15 &amp; 15.16:</b> Describe and enumerate the indications of peptic ulcer due to Helicobacter pylori. Enumerate the indications for endoscopic interventions and Surgery.	<b>CLINICS</b>	<b>MI 7.3:</b> Discuss the Clinical features and Lab Diagnosis of Urinary tract infection along with appropriate method of specimen collection	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/3/2021	Wednesday	<b>AITO-DIABETES MELLITUS. PATHOLOGY:</b> Describe the complications of diabetes mellitus. . Describe the progression of diabetes mellitus.	<b>CLINICS</b>	<b>AITO-DIABETES MELLITUS. PHARMACOLOGY:</b> Describe the mechanism of action, types, doses, side effects, indications and contraindications of OHGAs.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/5/2021	Friday	<b>PH 1.37 and 1.40:</b> Describe the mechanism of action, types, doses, side effects, indications and contraindications of sex hormones, drugs for infertility & erectile dysfunction.	<b>SDL- PHARMACOLOGY-4:</b> Management of common poisoning.	<b>PA28.4:</b> Define and describe the etiology, precipitating factors, pathogenesis, pathology, laboratory urinary findings, progression and complications of IGA nephropathy..	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/6/2021	Saturday	<b>CM14.3:</b> Describe laws related to hospital waste management	<b>CLINICS</b>	<b>MI 8.3:</b> Organisms with Oncogenic Potential: Human papilloma virus, Kaposi sarcoma, HTLV and HIV, epstein-barr virus, hepatitis B and C, and others	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/8/2021	Monday	<b>PH 1.37 and 1.40:</b> Describe the mechanism of action, types, doses, side effects, indications and contraindications of sex hormones, drugs for infertility & erectile dysfunction.	<b>CLINICS</b>	<b>PA 28.7:</b> Enumerate and describe the findings in glomerular manifestations of systemic disease	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

11/9/2021	Tuesday	<b>IM16.1:</b> Describe and discuss the aetiology of acute and chronic diarrhea including infectious and non infectious causes	<b>CLINICS</b>	<b>MI 8.1: Zoonotic infections:</b> Classification, plague, tularaemia, bite wound infections and others: 1. Discuss the morphology of the agents, Mechanisms of pathogenesis, Clinical course and laboratory diagnosis.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/10/2021	Wednesday	<b>PA 28.8:</b> Enumerate and classify diseases affecting the tubular interstitium.	<b>CLINICS</b>	<b>PH 1.37 and 1.40:</b> Describe the mechanism of action, types, doses, side effects, indications and contraindications of sex hormones, drugs for infertility & erectile dysfunction.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/11/2021	Thursday	<b>MI 8.2:</b> Opportunistic infections (immunocompromised patients) Transplant infections:	<b>CLINICS</b>	<b>OG8.1:</b> Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation; screening for high-risk factors.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/12/2021	Friday	<b>PH 1.37 and 1.40:</b> Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used for contraception.	<b>AETCOM: Module 2.8:</b> What does it mean to be family member of a sick patient? 1. Hospital visit & interviews 2. Large Group Discussions with patients' relatives	<b>PA28.9:</b> Define and describe the etiology, precipitating factors, pathogenesis, pathology, laboratory urinary findings, progression and complications of acute tubular necrosis.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/15/2021	Monday	<b>PH 1.41:</b> Describe mechanism of action, types, doses, side effects, indications & contraindications of uterine relaxants & stimulants	<b>CLINICS</b>	<b>PA 29.2:</b> Describe the pathogenesis, pathology, presenting and distinguishing features, diagnostic tests, progression and spread of carcinoma of the penis	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

11/16/2021	Tuesday	<p><b>IM 16.2:</b> Describe and discuss the acute systemic consequences of diarrhea including its impact on fluid balance.</p> <p><b>IM16.3:</b> Describe and discuss the chronic effects of diarrhea including malabsorption</p>	CLINICS	<p><b>MI 8.6:</b> Emerging and re-emerging infections microbial agents of bioterrorism: Explain the term emerging and remerging infection. List out the etiological agents responsible for emerging infection. Discuss the clinical courses and their diagnosis.</p>	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/17/2021	Wednesday	<p><b>PH 1.36:</b> Describe the mechanism of action, types, doses, side effects, indications and contraindications of corticosteroid.</p>	CLINICS	<p><b>PA 30.1:</b> Describe the epidemiology, pathogenesis, etiology, pathology, screening, diagnosis and progression of carcinoma of the cervix.</p>	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/18/2021	Thursday	<p><b>MI 8.16:</b> National Health Programmes for Communicable Diseases</p>	CLINICS	<p><b>OG8.1:</b> Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation; screening for high-risk factors.</p>	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/19/2021	Friday	<p><b>PH 1.36:</b> Describe the mechanism of action, types, doses, side effects, indications and contraindications of corticosteroid.</p>	SDL- MICROBIOLOGY-4: GENITO URINARY TRACT INFECTIONS.	<p><b>PA 30.2:</b> Describe the pathogenesis, etiology, pathology, diagnosis and progression and spread of carcinoma of the endometrium</p>	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/20/2021	Saturday	<p><b>CM16.1:</b> Define and describe the concept of Health planning</p>	CLINICS	<p><b>OG8.1:</b> Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation; screening for high-risk factors.</p>	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/22/2021	Monday	<p><b>PH 1.57:</b> Describe drugs used in skin disorders.</p>	CLINICS	<p><b>PA12.1:</b> Enumerate and describe the pathogenesis of disorders caused by air pollution, tobacco and alcohol.</p>	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

11/23/2021	Tuesday	<p><b>SU 12.1</b> Enumerate causes and consequence of malnutrition in surgical Patients.</p> <p><b>SU 12.2</b> Describe &amp; discuss methods of estimation &amp; replacement of fluid and electrolyte requirements in surgical patients.</p>	CLINICS	<p><b>OG22.1:</b> Describe the clinical characteristics of physiological vaginal discharge.</p>	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/24/2021	Wednesday	<p><b>PA12.3:</b> Describe the pathogenesis of obesity. Describe the consequences of obesity.</p>	CLINICS	<p><b>IM16.13:</b> Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for parasitic causes of diarrhea.</p> <p><b>IM16.14:</b> Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for bacterial and viral diarrhea</p>	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/25/2021	Thursday	<p><b>CM16.2:</b> Describe planning cycle</p>	CLINICS	<p><b>OG22.2:</b> Describe and discuss the etiology (with special emphasis on Candida, T. vaginalis, bacterial vaginosis), characteristics, clinical diagnosis, investigations, genital hygiene, management of common causes and the syndromic management.</p>	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/26/2021	Friday	<p><b>IM16.15:</b> Distinguish based on the clinical presentation Crohn's disease from Ulcerative Colitis</p>	<p><b>AETCOM: Module 2.8 contd:</b> What does it mean to be family member of a sick patient? 3. Self-directed Learning. 4. Discussion and closure.</p>	<p><b>AITO- NUTRITION PATHOLOGY:</b> Describe the pathogenesis of disorders caused by protein calorie malnutrition Describe the pathogenesis of disorders caused by starvation.</p>	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

11/27/2021	Saturday	<b>CM16.3:</b> Describe Health management techniques	<b>CLINICS</b>	<b>OG22.2:</b> Describe and discuss the etiology (with special emphasis on Candida, T. vaginalis, bacterial vaginosis), characteristics, clinical diagnosis, investigations, genital hygiene, management of common causes and the syndromic management.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/29/2021	Monday	<b>IM16.16:</b> Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy including immunotherapy of IBD. <b>IM16.17:</b> Describe and enumerate the indications for surgery in inflammatory bowel disease.	<b>CLINICS</b>	<b>AITO- NUTRITION</b> <b>FSM:</b> What is malnutrition and starvation. What are the types and causes of starvation. What are the signs and symptoms of acute and chronic starvation. What are the laboratory investigations of chronic starvation?	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
11/30/2021	Tuesday	<b>SU 12.3</b> Discuss nutritional requirements of surgical patients, methods of providing nutritional support & their complications.	<b>CLINICS</b>	<b>AITO- NUTRITION</b> <b>FSM:</b> What are the causes of death due to starvation. Discuss the fatal period in case of complete withdrawal of both food and water, only food and only water. 8. What are the postmortem findings in a case of death due to starvation. What are the medico-legal aspects of starvation including hunger strikes, force feeding and human rights associated with it.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

12/1/2021	Wednesday	<b>OG23.1:</b> Physiology of Puberty features of abnormal puberty, common problems and their management.	CLINICS	<b>AITO- NUTRITION COMMUNITY MED (CM5.3):</b> Classify ocular manifestations of Vitamin A Deficiency. Describe prevention and control measures of vitamin A deficiency in India. Describe briefly, Vitamin A Prophylaxis Programme. Describe briefly the role of Zinc in human nutrition, RDA of Zinc various disorders associated to Zinc deficiency and Zinc supplementation.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
12/2/2021	Thursday	<b>AITO- NUTRITION COMMUNITY MED (CM5.5):</b> Define nutritional surveillance. Describe methods of nutritional surveillance in India. Describe social aspects of Malnutrition. Describe principles of nutritional education and rehabilitation in the context of socio- cultural factors in India.	CLINICS	<b>OG23.1:</b> Physiology of Puberty features of abnormal puberty, common problems and their management.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
12/3/2021	Friday	<b>OG24.1:</b> Define, classify and aetiology of AUB	<b>SDL-COMMUNITY MED 4: Infectious disease-epidemiology.</b>	<b>CM16.4:</b> Describe health planning in India and National policies related to health and health planning.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

12/4/2021	Saturday	<b>AITO- NUTRITION COMMUNITY MED (CM5.6):</b> Enumerate different strategies under National Nutrition Policy 1993. Enumerate different Community nutritional programmes in India. Describe briefly, ICDS programme. Describe briefly, Special nutrition programme and Balwadi nutrition programme. Describe briefly, Mid-day meal programme and Mid-day meal scheme. Describe briefly, Monitoring and evaluation of nutrition programmes.	<b>CLINICS</b>	<b>MI: 1.1:</b> Haemorrhagic fever.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
12/6/2021	Monday	<b>PH 1.63:</b> Describe Drug Regulations, acts and other legal aspects.	<b>CLINICS</b>	<b>COMMUNITY MED (CM5.8):</b> Food fortification with examples. Methods, effects with examples of food fortification. Adulteration of foods and its disadvantages. Food materials with common adulterants in India. Prevention of Food Adulteration Act, 1954.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

12/7/2021	Tuesday	<p><b>IM16.6:</b> Distinguish between diarrhea and dysentery based on clinical features.</p> <p><b>IM16.11:</b> Enumerate the indications for stool cultures and blood cultures in patients with acute diarrhea.</p> <p><b>IM16.12:</b> Enumerate and discuss the indications for further investigations including antibodies, colonoscopy, diagnostic imaging and biopsy in the diagnosis of chronic diarrhea</p>	CLINICS	<b>OG24.1:</b> Define, classify and aetiology of AUB	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
12/8/2021	Wednesday	<b>MI 8.8:</b> Environmental surveillance of water, air and surface bacteria.	CLINICS	<b>OG25.1:</b> Describe and discuss the causes of primary amenorrhea, its investigation and the principles of management.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
12/9/2021	Thursday	<b>MI 1.1:</b> Ocular infections.	CLINICS	<b>OG25.1:</b> Describe and discuss the causes of primary amenorrhea, its investigation and the principles of management.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)
12/10/2021	Friday	<b>PH 1.64:</b> Describe overview of drug development, Phases of clinical trials. Describe overview of Good Clinical Practice.	<p><b>AETCOM: Module 2.8 contd:</b> What does it mean to be family member of a sick patient?</p> <p><b>Assessment.</b></p>	<b>OG25.1:</b> Describe and discuss the causes of secondary amenorrhea, its investigation and the principles of management.	SMALL GROUP LEARNING (PATHO/ PHARMA/ MICRO)

12/13/2021	Monday		<b>2.1: Pandemic management: Microbiology:</b> Infection Control: Part II Air borne precautions Contact Precautions Infection Control Committee.	<b>2.2: Pandemic management: Community Medicine:</b> Emerging and Re-emerging infections, early identification and control of new infections
12/14/2021	Tuesday		<b>2.2: Pandemic management: Community Medicine: Emerging and Re-emerging infections, early identification and control of new infections</b>	<b>2.3 Pandemic management: Microbiology:</b> Sample Collection, Microbial diagnosis, Serologic tests and their performance parameters
12/15/2021	Wednesday		<b>2.3 Pandemic management: Microbiology:</b> Sample Collection, Microbial diagnosis, Serologic tests and their performance parameters ( continuation of previous class)	<b>2.4 Pandemic management: Community Medicine Biochemistry:</b> Vaccination strategies including vaccine development & mplementation.
12/16/2021	Thursday		<b>2.4 Pandemic management: Community Medicine Biochemistry:</b> Vaccination strategies including vaccine development & mplementation.	<b>2.5 Pandemic management: General Medicine &amp; Pharmacology:</b> Therapeutic strategies including new drug development
<b>THEORY INTERNAL ASESSMENT (FORMATIVE).</b>				
12/17/2021	Friday	<b>PATHOLOGY</b>	<b>TIME: 10AM TO 1PM.</b>	<b>MARKS=100</b>
12/18/2021	Saturday	<b>PHARMACOLOGY</b>	<b>TIME: 10AM TO 1PM.</b>	<b>MARKS=100</b>

12/20/2021	Monday	<b>MICROBIOLOGY</b>	<b>TIME: 10AM TO 1PM.</b>	<b>MARKS=100</b>	
12/21/2021	Tuesday	<b>FSM</b>	<b>TIME: 10AM TO 1PM.</b>	<b>MARKS=100</b>	
12/22/2021	Wednesday	<b>COMMUNITY MED</b>	<b>TIME: 10AM TO 1PM.</b>	<b>MARKS=100</b>	
12/23/2021	Thursday	<b>GENERAL MEDICINE</b>	<b>TIME: 10AM TO 1PM.</b>	<b>MARKS=100</b>	
12/24/2021	Friday	<b>GENERAL SURGERY</b>	<b>TIME: 10AM TO 1PM.</b>	<b>MARKS=100</b>	
12/27/2021	Monday	<b>OBG</b>	<b>TIME: 10AM TO 1PM.</b>	<b>MARKS=100</b>	
		<b>PRACTICAL INTERNAL ASESSMENT (FORMATIVE).</b>			
		<b>PATHOLOGY</b>	<b>PHARMACOLOGY</b>	<b>MICROBIOLOGY</b>	<b>FSM</b>
12/28/2021	Tuesday	<b>BATCH-A</b>	<b>BATCH-B</b>	<b>BATCH-C</b>	<b>BATCH-D</b>
12/29/2021	Wednesday	<b>BATCH-B</b>	<b>BATCH-C</b>	<b>BATCH-D</b>	<b>BATCH-A</b>
12/30/2021	Thursday	<b>BATCH-C</b>	<b>BATCH-D</b>	<b>BATCH-A</b>	<b>BATCH-B</b>
12/31/2021	Friday	<b>BATCH-D</b>	<b>BATCH-A</b>	<b>BATCH-B</b>	<b>BATCH-C</b>

<b>HOOR DISTRIBUTION OF SMALL GROUP LEARNING</b>				
<b>SUBJECTS</b>	<b>PRACTIAL</b>	<b>TUUTORIAL</b>	<b>SEMINAR</b>	<b>SGD</b>
<b>PATHOLOGY</b>	108	10	10	10
<b>PHARMACOLOGY</b>	108	10	10	10
<b>MICROBIOLOGY</b>	62	10	10	28
<b>FSM</b>	30	5	5	5
<b>COMMUNITY MED</b>	30	5	5	5



# TRIPURA MEDICAL COLLEGE & Dr. B. R. AMBEDKAR MEMORIAL TEACHING HOSPITAL

(Managed by a Society registered under Societies Registration Act, 1860 having

Registration No 5770 of 2009)

Hapania, Agartala, West Tripura - 799 014

Telefax :- 0381-237-3143/237-6657/237-4144,

Website :- [www.tmc.nic.in](http://www.tmc.nic.in)

Email :- [tmc.agt@gmail.com](mailto:tmc.agt@gmail.com)

## List of AITO planned by the college from 1<sup>st</sup> MBBS to Final year

1. Anaemia
2. Malaria
3. Tuberculosis
4. Diabetes
5. Ischemic Heart Disease
6. Jaundice
7. Nutrition
8. Thyroid Diseases

**Tripura Medical College & Dr. BRAM Teaching Hospital**  
**18c: Dept clinical posting schedule for whole year (batch wise rotation)**

Department	Time Period & Groups. (Monday to Thursday and Saturday 9 AM to 12 Noon)		
	<b>01/03/2021 to 28/03/2021</b>	<b>29/03/2021 to 25/04/2021</b>	<b>26/04/2021 to 02/05/2021 &amp; 11/05/2021 to 31/05/2021</b>
Medicine	A	C	B
Surgery	B	A	C
Obs & Gynae	C	B	A
	<b>01/06/2021 to 14/06/2021</b>	<b>15/06/2021 to 28/06/2021</b>	<b>29/06/2021 to 12/07/2021</b>
Paediatrics	A	C	B
Orthopaedics	B	A	C
Chest Medicine	C	B	A
	<b>21/07/2021 to 17/08/2021</b>	<b>18/08/2021 to 14/09/2021</b>	<b>15/09/2021 to 30/09/2021 &amp; 10/10/2021 to 22/10/2021</b>
Community Medicine	A	C	B
Ophthalmology	B	A	C
ENT	C	B	A
	<b>23/10/2021 to 05/11/2021</b>	<b>06/11/2021 to 20/11/2021</b>	<b>22/11/2021 to 06/12/2021</b>
Psychiatry	A	C	B
Radiodiagnosis	B	A	C
Dermatology	C	B	A

**Department of Community Medicine**  
**Competency based time table for Clinical Posting of 2<sup>nd</sup> MBBS students 2019 – 2020**  
**batch**

Family visits							
Number	Competency	Domain K/S/A/C	Level K/KH/SH/P	Core	Teaching learning method	Assessment method	Remarks (Certification)
CM1.9	Demonstrate the role of effective communication skills in health in a simulated environment	S	SH	Y	DOAP	Skill assessment	Nil
CM2.1	Describe the steps and perform a clinical sociocultural, and demographic assessment of the individual, family and community	S	SH	Y	Small group discussion	Written / Viva voce/ Skill assessment	Nil
CM2.2	Describe the sociocultural factors, family (types), its role in health and disease and demonstrate in a simulated environment	S	SH	Y	Small group discussion/ DOAP	Written/viva voce/ skill assessment	Nil
CM2.3	Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behaviour	S	SH	Y	Small group discussion/ DOAP	Written/viva voce/ skill assessment	Nil
CM2.4	Describe the correct assessment of socioeconomic status	S	SH	Y	Small group discussion	Written/viva voce	Nil
CM2.5	Describe poverty and social security measures and its relationship to health and disease Lecture	S	SH	Y	Small group discussion	Written/viva voce	Nil
CM3.4	Describe the concept of solid waste, human excreta and sewage disposal	S	SH	Y	Small group discussion	Written/viva voce	Nil
CM3.5	Describe the standards of housing and the effect of housing on health	S	SH	Y	Small group discussion	Written/viva voce	Nil
CM5.2	Describe and demonstrate the correct method of performing a nutritional assessment of individuals, families and the community by using the appropriate method	S	SH	Y	DOAP	Skill assessment	Nil

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	Skill assessment	Nil
<b>Subcentre visit/ Primary health centre visit/ Community Health Centre visits</b>							
CM17.1	Define and describe the concept of health care to community	K	KH	Y	Small group discussion	Written/viva voce	Nil
CM17.3	Describe primary health care, its components and principles.	K	KH	Y	Small group discussion	Written/viva voce	Nil
CM17.5	Describe health care delivery in India	K	KH	Y	Small group discussion	Written/viva voce	Nil
<b>Biostatistics</b>							
CM6.2	Describe and discuss the principles and demonstrate the methods of collection, classification, analysis, interpretation and presentation of statistical data	K	KH	Y	Small group discussion	Written/viva voce	Nil
CM6.3	Describe, discuss and demonstrate the application of elementary statistical methods including test of significance in various study designs	K	KH	Y	Small group discussion	Written/viva voce	Nil

## DEPARTMENT OF DERMATOLOGY

### COMPETENCY BASED TIME TABLE FOR CLINICAL CLASSES OF 2<sup>ND</sup> PROFESSIONAL STUDENTS 2019- 20 BATCH

DAY	NUMBER	Competency & Learning Objective (s)	Domain K/S/A/C	LEVEL K/KH/SH/P	Core	Suggested Teaching method	Suggested Assessment method	Certification
1	DR1	<b>Dermatological History taking</b> a) Muco-cutaneous examination b)Assessment of changes in clinical status c) Communication and patient education	S	SH	Y	Bedside clinics	CASE/OSCE	
2	DR5.2	Identify and differentiate scabies from other lesions in adults and children	S	SH	Y	Bedside clinics	CASE/DOPA	
3	DR6.2	Identify and differentiate pediculosis from other skin lesions in adults and children	S	SH	Y	Bedside clinics	CASE/DOPA	
4	DR7.2	Identify Candida species in fungal scrapings and KOH mount	S	SH	Y	Bedside clinics	CASE/DOPA	
5	DR8.2	Identify and distinguish herpes simplex and herpes labialis from other skin lesion	S	SH	Y	Bedside clinics	CASE/DOPA	
6	DR8.4	Identify and distinguish viral warts from other skin lesions	S	SH	Y	Bedside clinics	CASE/DOPA	
7	DR8.5	Identify and distinguish molluscum contagiosum from other skin lesions	S	SH	Y	Bedside clinics	CASE/DOPA	
8	Dr8.6	Enumerate the indications, describe the procedure and perform a Tzank smear	S	SH	Y	Bedside clinics	CASE/DOPA	
9	DR9.2	Demonstrate (and classify based on) the clinical features of leprosy including an appropriate neurological examination	S	SH	Y	Bedside clinics	CASE/DOPA	
10	DR9.3	Slit-skin-smear in patients with leprosy	S	SH	Y	Bedside clinics	CASE/DOPA	

**DEPARTMENT OF OTORHINOLARYNGOLOGY**

**COMPETENCY BASED TIME TABLE FOR CLINICAL CLASSES OF 2<sup>ND</sup> PROFESSIONAL M.B.B.S STUDENTS- 2019-20 BATCH**

EN2.1	Elicit document and present an appropriate history in a patient presenting with an ENT complaint – Particulars of the patient, Elicit different components of history, Describe the summary of history obtained	K/S/A/C	SH	Y	Lecture, Small group discussion, Demonstration	Skill assessment	Case
EN2.2	Demonstrate the correct use of a headlamp in the examination of the ear, nose and throat	S	SH	Y	DOAP session	Skill assessment/OSCE	Case/OSCE
EN2.3	Demonstrate the correct technique of examination of the ear including Otoscopy & eliciting various signs	K/S/A	SH	Y	DOAP session, Bedside clinic	Skill assessment/OSCE	Case/OSCE
EN2.4	Demonstrate the correct technique of performance and interpret tuning fork tests & probable diagnosis	K/S/A	SH	Y	DOAP session, Bedside clinic	Skill assessment/OSCE	Case/OSCE
EN2.5	Demonstrate the correct technique of examination of the nose & paranasal sinuses including the use of nasal speculum, posterior rhinoscopy	S	SH	Y	DOAP session, Bedside clinic	Skill assessment/OSCE	Case/OSCE
EN2.6	Demonstrate the correct technique of examining the throat including the use of a tongue depressor, IL mirror	S	SH	Y	DOAP session, Bedside clinic	Skill assessment/OSCE	Case/OSCE
EN2.7	Demonstrate the correct technique of examination of neck including elicitation of laryngeal crepitus	S	SH	Y	DOAP session, Bedside clinic	Skill assessment	Case/OSCE
EN2.8	Demonstrate the correct technique to perform and interpret pure tone audiogram & impedance audiogram	K/S	SH	Y	DOAP session, Bedside clinic	Skill assessment	Case
EN2.10	Identify and describe the use of common instruments used in ENT surgery	K	SH	Y	DOAP session, Bedside clinic	Skill assessment	Case
EN2.12	Counsel and administer informed consent to patients and their families in a simulated environment	S/A/C	SH	Y	DOAP session, Bedside clinic	Skill assessment	Case
EN2.13	Identify, resuscitate and manage ENT emergencies in a simulated environment (including tracheostomy, anterior nasal packing, removal of foreign bodies in ear, nose, throat and upper respiratory tract)	K/S/A	SH	Y	DOAP session, Bedside clinic	Skill assessment	Case/ OSCE

EN2.14	Demonstrate the correct technique to instilling topical medications into the ear, nose and throat in a simulated environment	K/S	SH	Y	DOAP session, Bedside clinic	Skill assessment/ OSCE	Case/ OSCE
EN4.1	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Otagia	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment	Case/ OSCE
EN4.2	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of diseases of the external Ear	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment	Case/ OSCE
EN4.3	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of ASOM	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment	Case/ OSCE
EN4.4	Demonstrate the correct technique to hold visualize and assess the mobility of the tympanic membrane and its mobility and interpret and diagrammatically represent the findings	K/S/A	SH	Y	Clinical, Demonstration	Written/ Viva voce/ Skill assessment	Case/ OSCE
EN4.5	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of OME	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment	Case/ OSCE
EN4.6	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Discharging ear	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment	Case/ OSCE
EN4.7	Elicit document and present a correct history demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of CSOM	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment	Case/ OSCE
EN4.9 & EN4.12	Demonstrate the correct technique for syringing wax from the ear in a simulated environment Elicit document and present a correct history demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Hearing loss	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment	Case/ OSCE
EN4.27 & EN4.26	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Allergic Rhinitis, Adenoids	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment	Case/ OSCE
EN4.30	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Epistaxis	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment	Case/ OSCE

EN4.39	Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Acute & Chronic Tonsillitis	K/S	SH	Y	Lecture, Small group discussion, DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment	Case/ OSCE
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## WARD ENDING EXAMINATION

**Bedside clinics roster for Phase II MBBS**

Class	Topic	Competencies	Objectives	Level
		<b>HEART FAILURE</b>		
1	IM 1.10	Elicit document and present an appropriate history that will establish the diagnosis, cause and severity of heart failure including: presenting complaints, precipitating and exacerbating factors, risk factors exercise tolerance, changes in sleep patterns, features suggestive of infective endocarditis	<ol style="list-style-type: none"> <li>1. To be able to take history in a patient presenting with symptoms suggestive of cardiovascular system involvement</li> <li>2. To be able to include particulars of the patient, presenting complaints, history of present illness, precipitating and exacerbating factors and changes in sleep pattern, history of past illness, personal history, family history, immunisation history, drug history, history of allergy, socio-economic and environmental history, menstrual and obstetrical history in case the patient is female</li> <li>3. To be able to establish the diagnosis</li> <li>4. To be able to establish the cause and severity of the presentation e.g. heart failure</li> <li>5. To be able to establish the risk factors and exercise tolerance</li> <li>6. To be able to document if any features of infective endocarditis is present</li> <li>7. To be able to document the history properly</li> <li>8. To be able to do a proper flawless presentation of history</li> </ol>	SH
2	IM 1.11	Perform and demonstrate a systematic examination based on the history that will help establish the diagnosis and estimate its severity including: measurement of pulse, blood pressure and	<ol style="list-style-type: none"> <li>1. To be able to perform a systemic examination of cardiovascular system including inspection, palpation, percussion and auscultation (with identification of heart sounds and murmur)</li> </ol>	SH

		respiratory rate, jugular forms and venous pulses, peripheral pulses, conjunctiva and fundus, lung, cardiac examination including palpation and auscultation with identification of heart sounds and murmurs, abdominal distension and splenic palpation	<ol style="list-style-type: none"> <li>2. To be able to measure the blood pressure, respiratory rate</li> <li>3. To be able to examine the pulse</li> <li>4. To be able to examine the jugular form and venous pulses</li> <li>5. To be able to examine the peripheral pulses</li> <li>6. To be able to examine conjunctiva and fundus</li> <li>7. To be able to examine the respiratory system</li> <li>8. To be able to examine the abdomen (abdominal distension)</li> <li>9. To be able to palpate spleen</li> <li>10. To be able to establish the diagnosis</li> <li>11. To be able to establish the Severity of the disease from examination</li> <li>12. To be able to document the examination properly</li> <li>13. To be able to demonstrate all the examinations properly</li> </ol>	
		<b>PNEUMONIA</b>		
3	IM 3.4	Elicit document and present an appropriate history including the evolution, risk factors including immune status and occupational risk of pneumonia	<ol style="list-style-type: none"> <li>1 To be able to take history in a patient of pneumonia or with respiratory symptoms</li> <li>2 To be able to include particulars of the patient, presenting complaints, history of present illness, history of past illness, personal history, family history, immunisation history, drug history, history of allergy, socio-economic and environmental history, menstrual and obstetrical history in case the patient is female</li> <li>3 To be able to include evolution of pneumonia in history</li> <li>4 To be able to include Risk factors including immune status Occupational risk of pneumonia in history</li> <li>5 To be able to document the history properly</li> <li>6 To be able to do a proper flawless presentation of</li> </ol>	SH

			history	
4	IM 3.5	Perform, document and demonstrate a physical examination including general examination and appropriate examination of the lungs that establishes the diagnosis, complications and severity of disease	<ol style="list-style-type: none"> <li>1. To be able to perform General physical examination</li> <li>2. To be able to examine respiratory system including inspection, palpation, percussion and auscultation</li> <li>3. To be able to establish the diagnosis</li> <li>4. To be able to establish The complications</li> <li>5. To be able to establish the Severity of the disease from examination</li> <li>6. To be able to document the examination properly</li> <li>7. To be able to Demonstrate all GPE and respiratory system examination</li> </ol>	SH
		<b>FEVER AND FEBRILE SYNDROMES</b>		
5	IM 4.9	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, comorbidities, risk factors, exposure through occupation, travel and environment and medication use	<ol style="list-style-type: none"> <li>1. To be able to take History in a patient of fever</li> <li>2. To be able to include particulars of the patient, presenting complaints, history of present illness, history of past illness, personal history, family history, immunisation history, drug history, history of allergy, socio-economic and environmental history, menstrual and obstetrical history in case the patient is female</li> <li>3. To be able to include evolution of fever, Pattern of fever, Associated symptoms, Immune status, Risk factors, Exposure through occupation, Travel history in the history taking</li> <li>4. To be able to identify the aetiology of fever from history</li> <li>5. To be able to document the history properly</li> <li>6. To be able to do a proper flawless presentation of history</li> </ol>	SH

6	IM 4.10	Perform a systematic examination that establishes the diagnosis and severity of presentation that includes: general skin mucosal and lymph node examination, chest and abdominal examination (including examination of the liver and spleen)	At the end of the clinical class student able to 1.Perform general skin examination including different terminology of skin lesions, Colour of the skin, distribution and site of skin lesions and different skin lesions as a marker for different systemic disorders 2. Demonstrate different method of lymph nodes examination and description of a lymph node enlargement 3. Details examination of chest including inspection, palpation, percussion and auscultation. 4. Demonstrate abdominal examination including palpation and percussion of liver & spleen	SH
<b>LIVER DISEASE</b>				
7	IM 5.9	Elicit document and present a medical history that helps delineate the aetiology of the current presentation and includes clinical presentation, risk factors, drug use, sexual history, vaccination history and family history	At the end of the clinical class student able to- 1.Write details history including present history, relevant history, past and family history and details personal history comprising of sexual orientation, behaviour, addiction and drug history 2. Able to find out the different etiology of liver disease from history 3. Differentiate acute from chronic liver disease from history 4. Able to differentiate medical from surgical causes of liver disease from history	SH
8	IM 5.10	Perform a systematic examination that establishes the diagnosis and severity that includes nutritional status, mental status, jaundice, abdominal distension ascites, features of portosystemic hypertension and hepatic encephalopathy	1.Perform general physical examination including higher mental function and nutrition assessment in bedside 2. Identify and demonstrate the stigmata of liver disease like jaundice, flapping tremor, spider naevi, edema, flapping tremor, gynaecomastia etc. 3. Able to palpate and percuss liver and spleen and demonstrate ascities clinically 4. Identify and demonstrate of hepatic encephalopathy and various stages.	SH
<b>RHEUMATOLOGIC PROBLEMS</b>				



	3.IM 9.4	Perform a systematic examination that includes : general examination for pallor, oral examination, DOAP session of hyper dynamic circulation, lymph node and splenic examination	<p>bleeding, prior history, medications, menstrual history, and family history</p> <p>3. students must know how to how to document the history properly</p> <p>1. students must know how toperform a general andexamination that includes : different sites and gradings of pallor, oral examination,head to toe examination,DOAP session of hyper dynamic circulation, lymph nodeexamination.</p> <p>3.students must know how to perform a systemic examination which must include examination of spleen.</p> <p>4.students must know how to how to document the examination findings properly</p>	
12	<b>GI BLEEDING</b> 4.IM 15.4	Elicit and document and present an appropriate history that identifies the route of bleeding, quantity, grade, volume loss,duration, etiology, comorbid illnesses and risk factors	<p>1.At the end of bedside clinics students must know how to take history of a patient suggestive of GI bleeding.</p> <p>2.At the end of bedside clinics students must know how to identify from history route of bleeding, quantity of bleeding, grade, volume loss.</p> <p>3.Students must know how to elicit from history duration of GI bleeding, any comorbid illnesses and risk factors of GI bleeding</p> <p>4.Students must know how to identify etiology of GI bleeding from history.</p> <p>5. students must know how to how to document the history properly</p>	SH

	5. IM 15.5	Perform, demonstrate and document a physical examination based on the history that includes general examination, volume assessment and appropriate abdominal examination	<p>1. Students must know how to perform, demonstrate and document a physical examination based on the history that includes general examination and volume assessment of the patient.</p> <p>2. Students must know how to demonstrate it properly.</p> <p>3. students must know how to perform systemic examination which must include appropriate abdominal examination.</p> <p>4. Students must be able to demonstrate it properly.</p> <p>5. students must be able to document examination finding properly.</p>	
13	<p><b>DIARRHOEAL DISORDER</b></p> <p>6. IM 16.4</p>	Elicit and document and present an appropriate history that includes the natural history, dietary history, travel , sexual history and other concomitant illnesses	<p>1. At the end of bedside clinics students must know how to take history of a patient suggestive of diarrhoeal disorder.</p> <p>2. At the end of bedside clinics students must know how to elicit and present an appropriate history that includes the natural history, dietary history, travel , sexual history</p> <p>3. Students must know how to elicit from history presence of other concomitant illnesses.</p> <p>4. students must know how to document the history properly.</p>	SH
14		<b>CEREBROVASCULAR ACCIDENT</b>		

15	IM 18.3  IM 18.4	Elicit and document and present an appropriate history including onset, progression, precipitating and aggravating relieving factors, associated symptoms that help identify the cause of the cerebrovascular accident  Identify the nature of the cerebrovascular accident based on the temporal evolution and resolution of the illness	1.able to take details history including onset, progression, precipitating and aggravating factors for CVA 2. able to identify different associated symptoms for identify various causes of CVA  3.identify different features of CVA depending upon the temporal site	SH  SH
		<b>MISCELLANEOUS INFECTIONS</b>		
16	IM 25.4	Elicit document and present a medical history that helps delineate the aetiology of these diseases ( zoonotic diseases e.g. Leptospirosis, Rabies and non-febrile infectious disease e.g. Tetanus) that includes the evolution and pattern of symptoms, risk factors, exposure through occupation and travel	<ol style="list-style-type: none"> <li>1. To be able to take history in a patient presenting with symptoms suggestive of infectious disease</li> <li>2. To be able to include particulars of the patient, presenting complaints, history of present illness, precipitating and exacerbating factors and changes in sleep pattern, history of past illness, personal history, family history, immunisation history, drug history, history of allergy, socio-economic and environmental history, menstrual and obstetrical history in case the patient is female</li> <li>3. To be able to include evolution and pattern of symptoms, risk factors, exposure through occupation and travel</li> <li>4. To be able to establish the diagnosis</li> <li>5. To be able to establish the cause and severity of the presentation</li> <li>6. To be able to establish the aetiology</li> <li>7. To be able to document the history properly</li> <li>8. To be able to do a proper flawless presentation of history</li> </ol>	SH
17	IM 25.5	Perform a systematic examination that establishes the diagnosis and severity of	<ol style="list-style-type: none"> <li>1. To be able to do systemic examination including CVS, respiratory, GIT, CNS</li> </ol>	SH

		presentation that includes: general skin, mucosal and lymph node examination, chest and abdominal examination (including examination of the liver and spleen)	<ol style="list-style-type: none"> <li>2. To be able to examine general skin, colour, different skin lesions</li> <li>3. To be able to examine lymph node, locations of different lymph nodes, identification and examination of enlarged lymph node</li> <li>4. To be able to establish the diagnosis</li> <li>5. To be able to establish the severity of presentation</li> </ol>	
		<b>THE ROLE OF PHYSICIAN IN THE COMMUNITY</b>		
18	IM 26.19	Demonstrate ability to work in a team of peers and superiors	<ol style="list-style-type: none"> <li>1. To be able to work in a team of peers and superiors</li> </ol>	SH
	IM 26.20	Demonstrate ability to communicate to patients in a patient respectful, non threatening, non judgemental and empathetic manner	<ol style="list-style-type: none"> <li>1. To be able to communicate to patients in a respectful, non threatening, non judgemental and empathetic manner</li> </ol>	SH SH
	IM 26.21	Demonstrate respect to patient privacy	<ol style="list-style-type: none"> <li>1. To be able to demonstrate respect to patient privacy</li> </ol>	SH
	IM 26.22	Demonstrate ability to maintain confidentiality in patient care	<ol style="list-style-type: none"> <li>1. To be able to demonstrate the ability to maintain confidentiality in patient care</li> </ol>	SH
	IM 26.24	Demonstrate respect in relationship with patients, fellow team members, superiors and other health care workers	<ol style="list-style-type: none"> <li>1. To be able to demonstrate respect in relationship with patients, fellow team members, superiors and other health care workers</li> </ol>	SH
	IM 26.25	Demonstrate responsibility and ethics while in the health care team	<ol style="list-style-type: none"> <li>1. To be able to demonstrate responsibility and ethics while in health care team.</li> </ol>	SH

**DEPARTMENT OF OBSTETRICS & GYNAECOLOGY**

**Competency based time table for clinical classes of 2<sup>nd</sup> professional MBBS students 2019-20 batch**

Day	Number	Competency & learning Objective (S)	Domain K/S/A/C	Level K/KH/SH/ P	Core (Y/N)	Suggested Teaching Learning Method	Suggested Assessment Method	Number for certification
1		<b>General O&amp;G history taking</b>						
		Components of history	S	SH	Y	Bedside clinics,	CASE	Dr.N.Bhaumik
		Particulars of patients with clinical importance	S	SH	Y	Bedside clinics,	CASE	do
		Chief Complains	S	SH	Y	Bedside clinics,	CASE	do
		History of present illness.	S	SH	Y	Bedside clinics,	CASE	do
	8	<b>Antenatal Care</b>						
2,3,4	8.1	Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation, screening for high risk factors	S	SH	Y	Bedside clinics	skill assessment	Dr. D.K.Bhaumik
5,6	8.2	Elicit document and present an obstetric history including menstrual history, last menstrual period, previous obstetric history, co-morbid conditions, past medical history and surgical history	S	SH	Y	Bedside clinics,	skill assessment	Dr.N.Bhaumik
7,8,9 ,10	8.3	Describe, Demonstrate, document and perform an obstetrical examination including a general and abdominal examination and clinical monitoring of maternal and fetal well being	S	SH	Y	Bedside clinic,	Skill Assessment	Dr. Satadip
11,1 2	8.4	Describe and demonstrate clinical monitoring of maternal and fetal well being	S	SH	Y	Bedside clinics	Skill Assessment	Dr. B.Som
13	8.5	Describe and Demonstrate pelvic Assessment in a model	S	SH	Y	Skill Lab	Skill Assessment	Dr.N.Bhaumik
14,1 5	8.6	Assess and counsel a patient in a simulated environment regarding appropriate nutrition in pregnancy	S	SH	Y	Bedside clinic	Skill Assessment	Dr. B.Som
	6	<b>Diagnosis of Pregnancy</b>						
16- 20	6.1	Describe, discuss and demonstrate the clinical features of pregnancy, derive and discuss its differential diagnosis, elaborate the principles underlying and interpret pregnancy test	S	SH	Y	Bedside clinics,	Skill Assessment	Dr.Mallik

**DEPARTMENT OF OBSTETRICS & GYNAECOLOGY**

***Competency based time table for clinical classes of 2<sup>nd</sup> professional MBBS students 2019-20 batch***

Day	Number	Competency & learning Objective (S)	Domain K/S/A/C	Level K/KH/SH/ P	Core (Y/N)	Suggested Teaching Learning Method	Suggested Assessment Method	Number for certification
		<b>General O&amp;G history taking</b>						
		Components of history	S	SH	Y	Bedside clinics,	CASE	
		Particulars of patients with clinical importance	S	SH	Y	Bedside clinics,	CASE	
		Chief Complains	S	SH	Y	Bedside clinics,	CASE	
		History of present illness.	S	SH	Y	Bedside clinics,	CASE	
	8	<b>Antenatal Care</b>						
	8.1	Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation, screening for high risk factors	S	SH	Y	Bedside clinics	skill assessment	
	8.2	Elicit document and present an obstetric history including menstrual history, last menstrual period, previous obstetric history, co-morbid conditions, past medical history and surgical history	S	SH	Y	Bedside clinics,	skill assessment	
	8.3	Describe, Demonstrate, document and perform an obstetrical examination including a general and abdominal examination and clinical monitoring of maternal and fetal well being	S	SH	Y	Bedside clinic,	Skill Assessment	
	8.4	Describe and demonstrate clinical monitoring of maternal and fetal well being	S	SH	Y	Bedside clinics	Skill Assessment	
	8.5	Describe and Demonstrate pelvic Assessment in a model	S	SH	Y	Skill Lab	Skill Assessment	
	8.6	Assess and counsel a patient in a simulated environment regarding appropriate nutrition in pregnancy	S	SH	Y	Bedside clinic	Skill Assessment	
	6	<b>Diagnosis of Pregnancy</b>						
	6.1	Describe, discuss and demonstrate the clinical features of pregnancy, derive and discuss its differential diagnosis, elaborate the principles underlying and interpret pregnancy test	S	SH	Y	Bedside clinics,	Skill Assessment	



**COMPETENCY BASED UNDERGRADUATE CURRICULUM**

**OPHTHALMOLOGY CLINICAL POSTING FOR MBBS 2<sup>ND</sup> YEAR**

**DURATION 4 WEEKS**

OP 1.3. Demonstrate the steps in performing the visual acuity assessment for distance vision, near vision, colour vision, the pin hole test and the menace and blink reflexes.(PHYSIOLOGY)

- a). Definition of vision and visual acuity
- b). Physiology of normal vision
- c). Prerequisite for vision test
- d).What is distant, near vision and colour vision?
- e). what is pin hole test?
- f). what is blink reflexes?

OP 2.1.Enumerate the causes, describe and discuss the aetiology, clinical presentations and diagnostic features of common conditions of the lid and adnexa including Hordeolum externum/ internum, blepharitis, preseptal cellulitis, dacryocystitis, hemangioma, dermoid, ptosis, entropion, lid lag, lagophthalmos. (ANATOMY)

- a). Describe the lid anatomy and various glands associated.
- b). Common problems in the eye lids and their management.
- c). Clinical presentation dacryocystitis, preseptal cellulitis and their management.
- d). What are hemangioma, dermoid, ptosis, entropion, lid lag, lagophthalmos and their treatment.

OP 3.1. Elicit document and present an appropriate history in a patient presenting with a “red eye” including congestion, discharge, pain

- a). Enumerate the causes of acute and chronic red eyes.
- b). Presentation of different types of acute red eye and their management.

OP 7.4. Enumerate the types of cataract surgery and describe the steps, intra-operative and post-operative complications of extracapsular cataract extraction surgery.

- a). Define cataract and its classifications.
- b). Presenting signs and symptoms of cataract.
- c). Types of cataract surgeries.
- d). Preoperative investigations and pre-anaesthetic checkup.
- e). Steps of extracapsular cataract extraction.

f).Complications related to cataract surgeries

OP 9.1. Demonstrate the correct technique to examine extra ocular movements (Unocular & Binocular).

- a). Demonstrates various ocular movements.
- b). Various muscles involved in a particular gaze.
- c). Presenting features of ocular palsy and causes.
- d). How to manage a case of ocular palsy.

## Department of Orthopaedics

### Competency Based time table for Clinical of 2<sup>nd</sup> professional MBBS Students 2019-20 Batch

Day	Number	Competency & learning objective (s)	Domain K/S/A/C	K/KH/SH/P	Core	Suggested Teaching Learning method	Suggested Assessment method	Number for certification
1	OR1.1	General Orthopaedic history taking	S	SH	Y	Bedside clinic	CASE	
2	OR1.2	Elicit particulars of patient	S	S	Y	Bedside clinic	CASE	
	OR1.3	Elicit different components of history	S	S	Y	Bedside clinic	CASE	
3	OR1.4	State summary of history	S	S	Y	Bedside clinic	CASE	
4	OR1.5	Assessment of fracture Elicit the C/O, history of the patient.	S	SH	Y	SKILL LAB	SKILL ASSESSMENT(METHOD DECIDED BY THE TEACHING FACULTY)	
5	OR1.6	Demonstrate general physical examination	S	SH	Y	SKILL LAB	DO	
	OR1.7	Demonstrate the method of temperature assessment	S	SH	Y	SKILL LAB	DO	
	OR1.8	Demonstrate the method of pulse rate assessment	S	SH	Y	SKILL LAB	DO	

	OR1.9	Demonstrate the method of blood pressure check	S	SH	Y	SKILL LAB	DO	
6	OR2.1	Demonstrate the method of local examination	S	SH	Y	SKILL LAB	DO	
	OR2.2	Perform inspection of local area	S	SH	Y	SKILL LAB	DO	
7	OR2.3	Perform Examination of fracture	S	SH	Y	SKILL LAB	DO	
8	OR2.4	Demonstrate the ability to perform on above elbow plaster ,	S/A	SH	Y	SKILL LAB	DO	
	OR2.5	below elbow plaster,	S/A	SH	Y	SKILL LAB	DO	
9	OR2.6	above knee plaster,	S/A	SH	Y	SKILL LAB	DO	
	OR2.7	below knee plaster	S/A	SH	Y	SKILL LAB	DO	
10	OR2.8	Demonstrate the parts of Thomas splint	K	K	Y	SKILL LAB	DO	
	OR2.9	Demonstrate the ability to perform application of thomas splint	S/A	SH	Y	SKILL LAB	DO	

11	OR3.1	<b>COMMUNICATION SKILL:</b> Perform Consent taking method	S	SH	Y	SKILL LAB	DO	
	OR3.2	Demonstrate the ability to counsel patients regarding the prognosis of the illness	S	SH	Y	SKILL LAB	DO	
12	OR3.3	Demonstrate the ability to counsel patients to obtain consent for orthopaedic procedure like slab /cast application	S	SH	Y	SKILL LAB	DO	

To The Principal TMC

*Ho*  
27/2/2021

*[Signature]*  
27/2/2021  
HOD

Dept of orthopaedics

# DEPARTMENT OF PAEDIATRICS

## COMPETENCY BASED TIME TABLE FOR CLINICAL CLASSES OF 2<sup>ND</sup> PROFESSIONAL MBBS STUDENTS 2019-20 BATCH

Day	Number	Competency & Learning Objective (s)	Domain K/S/A/C	K/KH/SH/P	Core	Suggested Teaching Learning Method	Suggested Assessment Method	Number for certification
1.		<b>GENERAL PAEDIATRIC HISTORY TAKING</b>	S	SH	Y	Bedside Clinics	CASE/OSCE	
		Elicit Particulars of patient from parent/caretaker	S	SH	Y	Bedside Clinics	CASE/OSCE	
		Elicit different Components of History	S	SH	Y	Bedside Clinics	CASE/OSCE	
		State Summary of the history obtained from parent/caretaker	S	SH	Y	Bedside Clinics	CASE/OSCE	
2.	PE20.4	<b>ASSESSMENT OF A NORMAL NEONATE</b>	S	SH	Y	Skill Lab	Skill Assessment (method decided by the teaching faculty)	
	20.4.1	Elicit the general, antenatal, natal and post natal history of the mother	S	SH	Y	Skill Lab	Do	
3.	20.4.2	Demonstrate the touch method of temperature assessment in newborn	S	SH	Y	Skill Lab	Do	
	20.4.3	Demonstrate the method of axillary and rectal temperature in a neonatal manikin	S	SH	Y	Skill Lab	Do	
	20.4.4	Demonstrate the counting of respiratory rate in a neonate	S	SH	Y	Skill Lab	Do	
	20.4.5	Demonstrate the method of eliciting CRT in a newborn	S	SH	Y	Skill Lab	Do	
	20.4.6	Demonstrate the counting of Heart rate in neonate	S	SH	Y	Skill Lab	Do	
	20.4.7	Measure weight, length, Head circumference and Chest circumference in a neonate	S	SH	Y	Skill Lab	Do	
	20.4.8	Perform a gestational assessment by physical and neurological criteria in a neonate	S	SH	Y	Skill Lab	Do	
	20.4.9	Perform a head to toe examination of the neonate	S	SH	Y	Skill Lab	Do	
	20.4.10	Elicit common neonatal reflexes like rooting, sucking, grasp and Moro's reflex correctly	S	SH	Y	Skill Lab	Do	
	20.4.11	Perform a relevant systemic examination of a neonate	S	SH	Y	Skill Lab	Do	

4.	P6.9	<b>Perform Routine Adolescent Health Checkup including eliciting history, performing examination including SMR, growth assessment and systemic examination including thyroid and breast exam and HEADSS screening</b>	S	SH	Y	Bedside Clinics	Skill Station	
	6.9.1	Elicit the history from an adolescent	S	SH	Y	Bedside Clinics	Skill Station	
	6.9.2	Assess Sexual Maturity Rating in adolescent	S	SH	Y	Bedside Clinics	Skill Station	
	6.9.3	Evaluate the growth of an adolescent using growth charts	S	SH	Y	Bedside Clinics	Skill Station	
	6.9.4	Examine the thyroid gland of an adolescent	S	SH	Y	Bedside Clinics	Skill Station	
	6.9.5	Perform Breast Examination of an adolescent	S	SH	Y	Bedside Clinics	Skill Station	
	6.9.6	Apply HEADSS screening in adolescent workup	S	SH	Y	Bedside Clinics	Skill Station	
5.	PE3.3	<b>Assessment of a child with Developmental Delay- elicit, document and present history</b>	S	SH	Y	Bedside Clinics	Skill Assessment	
	3.3.1	Elicit developmental history from parent/caretaker	S	SH	Y	Bedside Clinics	CASE/OSCE	
	3.3.2	Elicit the current developmental milestones of the child	S	SH	Y	Bedside Clinics	OSCE	
	3.3.3	Interpret developmental status of a child based on history and examination	S	SH	Y	Bedside Clinics	OSCE	
	3.3.4	Document and present the developmental assessment	S	SH	Y	Bedside Clinics	Logbook	
6.	PE 1.7	<b>Perform Developmental assessment and interpret</b>	S	P	N	Bedside Clinics	Logbook Documentation	3
	1.7.1	Perform Developmental Assessment in infants and children and interpret the findings	S	P	N	Bedside Clinics	Logbook documentation	3
7.	PE1.4	<b>Perform anthropometric measurements, document in growth charts and interpret</b>	S	P	Y	SGD	Document in logbook	3
	1.4.1	Perform anthropometric measurements in children of different age groups	S	P	Y	SGD	Document in logbook	3
8.	1.4.2	Document the measured parameters in growth charts and interpret the findings on growth charts	S	P	Y	Bedside Clinics	Document in Logbook	3
9.	P6.8	<b>Respecting the patient privacy and maintaining confidentiality while dealing with adolescence</b>	A	SH	Y	Bedside Clinics	Skill Station	
	6.8.1	Interact with an adolescent in privacy and maintaining confidentiality	A	SH	Y	Bedside Clinics	Skill Station	
10.	P7.9	<b><u>COMMUNICATION SKILL:</u> Educate and counsel mothers for best practices in breastfeeding</b>	A/C	SH	Y	DOAP Session	OSCE, Logbook	

	7.9.1	Enumerate the breastfeeding practices	K	K	Y	SGD	Viva Voce	
11.	7.9.2	Educate mothers for the best breastfeeding practices	A/C	SH	Y	DOAP Session	Logbook, OSCE with SP	
12.	<b>WARD ENDING EXAMINATION</b>							

**Prof. (Dr.) Jayanta K Poddar**  
**HOD**  
**Dept. of Paediatrics**

COMPETENCY BASED CURRICULUM-2019

PSYCHIATRY

LOG BOOK

2<sup>ND</sup> PROFESSIONLA MBBS

2021

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Number	COMPETENCY The student should be able to	Domain K/S/A/C	Level K/KH/ SH/P	Core (Y/N)	Suggested Teaching Learning method	Suggested Assessment method	Number required to certify P	Vertical integratio
<b>PSYCHIATRY</b>								
<b>Topic: Doctor patient relationship</b>		<b>Number of competencies: (04)</b>			<b>Number of procedures that require certification: (NIL)</b>			
PS1.1	Establish rapport and empathy with patients	A/C	SH	Y	DOAP session	Skill station		
PS1.2	Describe the components of communication	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		
PS1.3	Demonstrate breaking of bad news in a simulated environment	A/C	SH	Y	DOAP session	Skill station		
PS1.4	Describe and demonstrate the importance of confidentiality in patient encounters	A/C	SH	Y	DOAP session	Faculty observation		
<b>Topic: Mental health</b>		<b>Number of competencies: (05)</b>			<b>Number of procedures that require certification:(NIL)</b>			
PS2.1	Define stress and describe its components and causes	K	K	Y	Lecture, Small group discussion	Written/ Viva voce		
PS2.2	Describe the role of time management, study skills, balanced diet and sleep wake habits in stress avoidance	K	KH	Y	Lecture, Small group discussion	Viva voce		
PS2.3	Define and describe the principles and components of learning memory and emotions	K	K	Y	Lecture, Small group discussion	Written/ Viva voce		
PS2.4	Describe the principles of personality development and motivation	K	K	Y	Lecture, Small group discussion	Written/ Viva voce		
PS2.5	Define and distinguish normality and abnormality	K	K	Y	Lecture, Small group discussion	Viva voce		
<b>Topic: Introduction to psychiatry</b>		<b>Number of competencies: (12)</b>			<b>Number of procedures that require certification: (NIL)</b>			
PS3.1	Describe the growth of psychiatry as a medical specialty, its history and contribution to society	K	KH	Y	Lecture	Written/ Viva voce		

Number	COMPETENCY The student should be able to	Domain K/S/A/C	Level K/KH/ SH/P	Core (Y/N)	Suggested Teaching Learning method	Suggested Assessment method	Number required to certify P	Vertical integratio
PS3.2	Enumerate, describe and discuss important signs & symptoms of common mental disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		
PS3.3	Elicit, present and document a history in patients presenting with a mental disorder	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS3.4	Describe the importance of establishing rapport with patients	S/A	SH	Y	Bedside clinic, DOAP session	Skill assessment/ Faculty observation		
PS3.5	Perform, demonstrate and document a minimal examination	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS3.6	Describe and discuss biological, psychological & social factors & their interactions in the causation of mental disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		
PS3.7	Enumerate and describe common organic psychiatric disorders, magnitude, etiology and clinical features	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		
PS3.8	Enumerate and describe the essential investigations in patients with organic psychiatric disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		
PS3.9	Describe the steps and demonstrate in a simulated environment family education in patients with organic psychiatric disorders	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS3.10	Enumerate and describe the pharmacologic basis and side effects of drugs used in psychiatric disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		
PS3.11	Enumerate the appropriate conditions for specialist referral in patients with psychiatric disorders	K	K	Y	Lecture, Small group discussion	Written/ Viva voce		
PS3.12	Describe, discuss and distinguish psychotic & non-psychotic (Mood, Anxiety, Stress related) disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		

**Topic: Psychotic disorders**

**Number of competencies: (07)**

**Number of procedures that require certification: (NIL)**

PS4.1	Describe the magnitude and etiology of alcohol and substance use disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		
PS4.2	Elicit, describe and document clinical features of alcohol and substance use disorders	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		

Number	COMPETENCY The student should be able to	Domain K/S/A/C	Level K/KH/ SH/P	Core (Y/N)	Suggested Teaching Learning method	Suggested Assessment method	Number required to certify P	Vertical integratio
PS4.3	Enumerate and describe the indications and interpret laboratory and other tests used in alcohol and substance abuse disorders	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS4.4	Describe the treatment of alcohol and substance abuse disorders including behavioural and pharmacologic therapy	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		Pharmacology
PS4.5	Demonstrate family education in a patient with alcohol and substance abuse in a simulated environment	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		AETCOM
PS4.6	Enumerate and describe the pharmacologic basis and side effects of drugs used in alcohol and substance abuse	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		Pharmacology
PS4.7	Enumerate the appropriate conditions for specialist referral in patients with alcohol and substance abuse disorders	K	K	Y	Lecture, Small group discussion	Written/ Viva voce		

**Topic: Psychotic disorders**

**Number of competencies: (06)**

**Number of procedures that require certification: (NIL)**

PS5.1	Classify and describe the magnitude and etiology of schizophrenia & other psychotic disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		
PS5.2	Enumerate, elicit, describe and document clinical features, positive s	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS5.3	Describe the treatment of schizophrenia including behavioural and pharmacologic therapy	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		Pharmacology
PS5.4	Demonstrate family education in a patient with schizophrenia in a simulated environment	K/S/A/C	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS5.5	Enumerate and describe the pharmacologic basis and side effects of drugs used in schizophrenia	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		Pharmacology
PS5.6	Enumerate the appropriate conditions for specialist referral in patients with psychotic disorders	K	K	Y	Lecture, Small group discussion	Written/ Viva voce		

**Topic: Depression**

**Number of competencies: (07)**

**Number of procedures that require certification: (NIL)**

Number	COMPETENCY The student should be able to	Domain K/S/A/C	Level K/KH/ SH/P	Core (Y/N)	Suggested Teaching Learning method	Suggested Assessment method	Number required to certify P	Vertical integratio
PS6.1	Classify and describe the magnitude and etiology of depression	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		
PS6.2	Enumerate, elicit, describe and document clinical features in patients with depression	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS6.3	Enumerate and describe the indications and interpret laboratory and other tests used in depression	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS6.4	Describe the treatment of depression including behavioural and pharmacologic therapy	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		Pharmacology
PS6.5	Demonstrate family education in a patient with depression in a simulated environment	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS6.6	Enumerate and describe the pharmacologic basis and side effects of drugs used in depression	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		Pharmacology
PS6.7	Enumerate the appropriate conditions for specialist referral in patients with depression	K	K	Y	Lecture, Small group discussion	Written/ Viva voce		

**Topic: Bipolar disorders**

**Number of competencies: (07)**

**Number of procedures that require certification: (NIL)**

PS7.1	Classify and describe the magnitude and etiology of bipolar disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		
PS7.2	Enumerate, elicit, describe and document clinical features in patients with bipolar disorders	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS7.3	Enumerate and describe the indications and interpret laboratory and other tests used in bipolar disorders	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS7.4	Describe the treatment of bipolar disorders including behavioural and pharmacologic therapy	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		Pharmacology
PS7.5	Demonstrate family education in a patient with bipolar disorders in a simulated environment	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS7.6	Enumerate and describe the pharmacologic basis and side effects of drugs used in bipolar disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		Pharmacology

Number	COMPETENCY The student should be able to	Domain K/S/A/C	Level K/KH/ SH/P	Core (Y/N)	Suggested Teaching Learning method	Suggested Assessment method	Number required to certify P	Vertical integratio
PS7.7	Enumerate the appropriate conditions for specialist referral in patients with bipolar disorders	K	K	Y	Lecture, Small group discussion	Written/ Viva voce		
<b>Topic: Anxiety disorders</b>		<b>Number of competencies: (07)</b>			<b>Number of procedures that require certification: (NIL)</b>			
PS8.1	Enumerate and describe the magnitude and etiology of anxiety disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		
PS8.2	Enumerate, elicit, describe and document clinical features in patients with anxiety disorders	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS8.3	Enumerate and describe the indications and interpret laboratory and other tests used in anxiety disorders	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS8.4	Describe the treatment of anxiety disorders including behavioural and pharmacologic therapy	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		Pharmacology
PS8.5	Demonstrate family education in a patient with anxiety disorders in a simulated environment	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS8.6	Enumerate and describe the pharmacologic basis and side effects of drugs used in anxiety disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		Pharmacology
PS8.7	Enumerate the appropriate conditions for specialist referral in anxiety disorders	K	K	Y	Lecture, Small group discussion	Written/ Viva voce		
<b>Topic: Stress related disorders</b>		<b>Number of competencies: (07)</b>			<b>Number of procedures that require certification: (NIL)</b>			
PS9.1	Enumerate and describe the magnitude and etiology of stress related disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		
PS9.2	Enumerate, elicit, describe and document clinical features in patients with stress related disorders	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS9.3	Enumerate and describe the indications and interpret laboratory and other tests used in stress related disorders	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS9.4	Describe the treatment of stress related disorders including behavioural and psychosocial therapy	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		
PS9.5	Demonstrate family education in a patient with stress related disorders in a simulated environment	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		

Number	COMPETENCY The student should be able to	Domain K/S/A/C	Level K/KH/ SH/P	Core (Y/N)	Suggested Teaching Learning method	Suggested Assessment method	Number required to certify P
PS9.6	Enumerate and describe the pharmacologic basis and side effects of drugs used in stress related disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce	
PS9.7	Enumerate the appropriate conditions for specialist referral in stress disorders	K	K	Y	Lecture, Small group discussion	Written/ Viva voce	
<b>Topic: Somatoform disorders</b>		<b>Number of competencies: (07)</b>			<b>Number of procedures that require certification: (NIL)</b>		
PS10.1	Enumerate and describe the magnitude and etiology of somatoform, dissociative and conversion disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce	
PS10.2	Enumerate, elicit, describe and document clinical features in patients with somatoform, dissociative and conversion disorders	S	SH	Y	Bedside clinic, DOAP session	Skill assessment	
PS10.3	Enumerate and describe the indications and interpret laboratory and other tests used in somatoform, dissociative and conversion disorders	S	SH	Y	Bedside clinic, DOAP session	Skill assessment	
PS10.4	Describe the treatment of <b>somatoform</b> disorders including behavioural, psychosocial and pharmacologic therapy	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce	
PS10.5	Demonstrate family education in a patient with somatoform, dissociative and conversion disorders in a simulated environment	S	SH	Y	Bedside clinic, DOAP session	Skill assessment	
PS10.6	Enumerate and describe the pharmacologic basis and side effects of drugs used in somatoform, dissociative and conversion disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce	
PS10.7	Enumerate the appropriate conditions for specialist referral in patients with somato form dissociative and conversion disorders	K	K	Y	Lecture, Small group discussion	Written/ Viva voce	
<b>Topic: Personality disorders</b>		<b>Number of competencies: (07)</b>			<b>Number of procedures that require certification: (NIL)</b>		
PS11.1	Enumerate and describe the magnitude and etiology of personality disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce	
PS11.2	Enumerate, elicit, describe and document clinical features in patients with personality disorders	S	SH	Y	Bedside clinic, DOAP session	Skill assessment	

Number	COMPETENCY The student should be able to	Domain K/S/A/C	Level K/KH/ SH/P	Core (Y/N)	Suggested Teaching Learning method	Suggested Assessment method	Number required to certify P	Vertical integratio
PS11.3	Enumerate and describe the indications and interpret laboratory and other tests used in personality disorders	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS11.4	Describe the treatment of <b>personality</b> disorders including behavioural, psychosocial and pharmacologic therapy	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		Pharmacology
PS11.5	Demonstrate family education in a patient with personality disorders in a simulated environment	S/A/C	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS11.6	Enumerate and describe the pharmacologic basis and side effects of drugs used in personality disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		Pharmacology
PS11.7	Enumerate the appropriate conditions for specialist referral	K	K	Y	Lecture, Small group discussion	Written/ Viva voce		

**Topic: Psychosomatic disorders**

**Number of competencies: (07)**

**Number of procedures that require certification: (NIL)**

PS12.1	Enumerate and describe the magnitude and etiology of psychosomatic disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		
PS12.2	Enumerate, elicit, describe and document clinical features in patients with magnitude and etiology of psychosomatic disorders	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS12.3	Enumerate and describe the indications and interpret laboratory and other tests of psychosomatic disorders	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS12.4	Describe the treatment of <b>psychosomatic</b> disorders including behavioural, psychosocial and pharmacologic therapy	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		Pharmacology
PS12.5	Demonstrate family education in a patient with psychosomatic disorders in a simulated environment	S	SH	Y	Bedside clinic, DOAP session	Skill assessment		
PS12.6	Enumerate and describe the pharmacologic basis and side effects of drugs used in psychosomatic disorders	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		Pharmacology
PS12.7	Enumerate the appropriate conditions for specialist referral	K	K	Y	Lecture, Small group discussion	Written/ Viva voce		

**DEPARTMENT OF RADIODIAGNOSIS**  
**(CODE: RD)**

COMPETENCY BASED TIME TABLE FOR CLINICAL CLASSES OF 2<sup>ND</sup> PROFESSIONAL MBBS STUDENTS 2019-20 BATCH

Day	Number	COMPETENCY	Domain K/S/A/ C	Level K/KH/ SH/P	Core (Y/N)	Suggested Teaching Learning method	Suggested Assessment method	Number required to certify P	Vertical Integration	Horizontal Integration
1	RD1.1	<b>Define radiation and the interaction of radiation and importance of radiation protection</b>	K	KH	Y	Lecture, Demonstration	Formative assessment	Nil.		
	1.1.1	Define radiation.	K	KH	Y	DO	DO	Nil.		
	1.1.2	Describe the basic feature of an X-ray Tube.	K	KH	Y	DO	DO	Nil.		
	1.1.3	Discuss on interaction of electron beam with x-ray tube target.	K	KH	Y	DO	DO	Nil.		
	1.1.4	Describe the interaction between X-rays and matter	K	KH	Y	DO	DO	Nil.		
	1.1.5	Describe the different types of radiation hazards/effects and importance of radiation protection.	K	KH	Y	DO	DO	Nil.		
2	RD1.2	<b>Describe the evolution of Radiodiagnosis. Identify various radiological equipments in the current era.</b>	S	SH	Y	DO	DO	Nil.		
	1.2.1	Describe the evolution of Radiodiagnosis.	S	SH	Y	DO	DO	Nil.		
	1.2.2	Identify various radiological equipments in the current era	S	SH	Y	DO	DO	Nil.		
3	RD1.3	<b>Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorder of ENT.</b>	K	SH	Y	DO	DO	Nil.		
	1.3.1	Enumerate indications for various common radiological investigations in ENT disorder	K	SH	Y	DO	DO	Nil.		



**DEPARTMENT OF RADIODIAGNOSIS**  
**(CODE: RD)**

	1.6.1	Describe the indications for various common radiological investigations in disorder of surgery	K	SH	Y	DO	DO	Nil.		
	1.6.2	Describe the most specific and cost effective investigation in common disorder of surgery	K	SH	Y	DO	DO	Nil.		
8	RD1.7	<b>Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorder in pediatrics</b>	K	SH	Y	DO	DO	Nil.		
	1.7.1	Describe the indications for various common radiological investigations in disorder of pediatric	K	SH	Y	DO	DO	Nil.		
	1.7.2	Discuss the most specific and cost effective investigation in common disorder of pediatric	K	SH	Y	DO	DO	Nil.		
9	RD1.8	<b>Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to common malignancies</b>	K	SH	Y	DO	DO	Nil.		
	1.8.1	Describe the indications for various common radiological investigations in common malignancies	K	SH	Y	DO	DO	Nil.		
	1.8.2	Describe the most specific and cost effective investigation in common malignancies	K	SH	Y	DO	DO	Nil.		
10	RD1.9	<b>Describe the role of interventional radiology in common clinical conditions</b>	K	SH	Y	DO	DO	Nil.		
	1.9.1	Discuss the role of interventional radiology to diagnose and treat patients using the least invasive techniques currently available in order to minimize risk to the patient and improve health outcomes	K	SH	Y	DO	Formative assessment	Nil.		

**DEPARTMENT OF RADIODIAGNOSIS**  
**(CODE: RD)**

11	RD1.10	<b>Describe the role of emergency radiology, miscellaneous and applied aspects, interaction with clinical department</b>	K	SH	Y	Lecture, Demonstration	DO	Nil.		
	1.10.1	Discuss the emergency conditions in radiologic aspects of emergency care	K	SH	Y	DO	DO	Nil.		
	1.10.2	Discuss the role of modalities such as plain radiography, CT, ultrasound, MR, and nuclear medicine imaging in managing emergency conditions	K	SH	Y	DO	DO	Nil.		
	1.10.3	Discuss the importance of correlation of radiological diagnosis with other clinical departments	K	SH	Y	DO	DO	Nil.		
12	RD1.11	<b>Describe preparation of patient for common imaging procedure</b>	K	SH	Y	DO	DO	Nil.		
	1.11.1	Discuss preparation and counselling of patient for various/special common imaging procedure	K	SH	Y	DO	DO	Nil.		
13	RD1.12	<b>Describe the effects of radiation in pregnancy and the methods of prevention/minimization of radiation exposure</b>	K	SH	Y	DO	DO	Nil.		
	1.12.1	Discuss the effects of radiation in pregnancy	K	SH	Y	DO	DO	Nil.		
	1.12.2	Enumerate the methods of prevention/minimization of radiation exposure in pregnancy	K	SH		DO	DO	Nil.		
14	RD1.13	<b>Describe the components of the PC &amp; PNDT Act and its medicolegal implications</b>	K	SH	Y	DO	DO	Nil.	Obstetrics & gynaecology, Forensic medicine & toxicology	
	1.13.1	Enumerate the components of the PC & PNDT Act	K	SH		DO	DO	Nil.		
	1.13.2	Discuss the importance of medicolegal implications of PC & PNDT Act	K	SH		DO	DO	Nil.		

# DEPARTMENT OF SURGERY

## COMPETENCY BASED TIME TABLE FOR CLINICAL CLASSES OF 2ND PROFESSIONAL MBBS STUDENTS 2019-2020 BATCH

Day	No.	Competency and learning objectives(s)	Domain K/S/A/C	K/KH/S H/P	CORE	Suggested teaching Learning method	Suggested assessment method	Number for Certification
1.	SU	Observe blood transfusion	S	SH	Y	Small group discussion bedside	log book/OSCE	
2.	SU	Communicate the results of surgical intervention	C	SH	Y	Bedside	OSCE	
3.	SU	Describe the steps and obtain informed consent in a simulated environment	S	SH	Y	Bedside	OSCE	
4.	SU	Observe common surgical procedures and assist in minor surgical procedures	S	SH	Y	Skill lab	OSCE	
5.	SU	Perform basic surgical skills such as first aid including suturing and minor surgical procedure in simulated environment	S	SH	Y	Skill lab	OSCE	
6.	SU	Demonstrate maintenance of an airway in a mannequin or equivalent	S	SH	Y	Skill Lab	OSCE	
7.	SU	Demonstrate the techniques of asepsis and suturing in a stimulated environment	S	SH	Y	Skill lab	Viva voce	
8.	SU	Describe the principle of First Aid	S	KH	Y	Bedside clinic	Viva voce	
9.	SU	Demonstrate the steps in basic life support	S	KH	Y	DOAP session	Viva voce	
10.	SU	Describe and demonstrate the clinical examination of surgical patient including swelling	S	SH	Y	Bedside clinics	Log book	
11.	SU	Demonstrate and document the correct clinical examination of thyroid	S	SH	Y	Bedside clinics	Viva voce	
12.	SU	Demonstrate the correct technique to palpate the breast for breast swelling	S	SH	Y	Skill lab	Viva voce	
13.	SU	Demonstrate the correct examination of vascular system and differential diagnosis	S	SH	Y	Bedside clinics	Viva voce	
14.	SU	Demonstrate the correct examination of lymphatic system	S	SH	Y	Bedside clinics	OSCE	

# **DEPARTMENT OF SURGERY**

## **COMPETENCY BASED TIME TABLE FOR CLINICAL CLASSES OF 2ND PROFESSIONAL MBBS STUDENTS 2019-2020 BATCH**

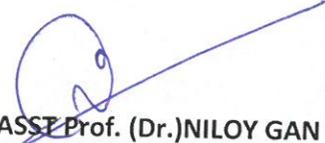
15..	SU	Demonstrate the correct technique of hernia examination	S	SH	Y	Bedside clinics	OSCE	
16.	SU	Demonstrate the correct examination of stomach disorders	S	SH	Y	Bedside clinics	OSCE	
17.	SU	Demonstrate clinical examination of abdomen	S	SH	Y	Bedside clinics	OSCE	
18.	SU	Demonstrate the correct DRE in in a mannequin	S	SH	Y	Skill lab	Viva voce	

# DEPARTMENT OF RESPIRATORY MEDICINE

**COMPETENCY BASED TIME TABLE FOR CLINICAL CLASSES OF 2<sup>ND</sup> PROFESSIONAL MBBS STUDENTS 2019-20 BATCH**

Day	Number	Competency & Learning Objective (s)	Domain K/S/A/C	K/KH/SH/P	Core	Suggested Teaching Learning Method	Suggested Assessment Method	Number for certifica tion
	CT1.5	Elicit ,document and present an appropriatemedical history that includes risk factors, contacts, symptoms including cough and fever ,CNS and other manifestations.	S	SH	Y	Bedside Clinics	Skill assessment	
	CT1.6.	Demonstrate and perform a systemic examination that establishes the diagnosis based on the clinical presentations that includes a) general examination,b) examination of the chest and lung including loss of volume, mediastinal shift, percussion and auscultation(including DOAP session of lung sounds and added sounds) c) examination of lymphatic system and d) relevant CNS examination.	k	SH	Y	Bedside Clinics	Skill assessment	
	CT1.8.	Generate a differential diagnosis based on the clinical history and evolution of the disease that prioritizes the most likely diagnosis.	k	k	Y	Bedside Clinics	Bedside clinic	
	CT1.9.	Order and interpret diagnostic tests based on the clinical presentation including: CBC,Chest Xray PA view,Mantoux, sputum culture and sensitivity pleural fluid examination and culture, HIV testing.	k	k	Y	Bedside Clinics	Skill assessment	
	CT2.8	Elicit document and present a medical history that will differentiate the aetiologies of obstructive airway disease, severity and precipitants.	S	SH	Y	Bedside clinics	Skill assessment.	

CT2.9	Perform a systemic examination that establishes the diagnosis and severity that includes measurements of respiratory rate, level of respiratory distress, effort tolerance, breath sounds, added sounds, identification of signs of consolidation pleural effusion and pneumothorax.	S	SH	Y	Bedside clinics	Skill assessment	
CT2.10	Generate a differential diagnosis and prioritise based on clinical features that suggest a specific aetiology.	S	SH	Y	Bedside clinics	Skill assessment	
CT2.11	Describe, discuss and interpret pulmonary function tests.	S	SH	Y	Bedside clinics	Skill assessment.	
CT2.14	Enumerate the indications for and interpret the results of: pulse oximetry, ABG, Chest Radiograph.	k	SH	Y	Bedside clinics	Skill assessment.	
CT2.18	Develop a therapeutic plan including use of bronchodilators and inhaled corticosteroids.	k	SH	Y	Bedside clinics	Skill assessment.	
CT2.19	Develop a management plan for acute exacerbations including bronchodilators, systemic steroids, antimicrobial therapy.	k	SH	Y	Bedside clinics	Skill assessment.	
CT34.4	Discuss the preventive strategies adopted and the objectives and outcome of the National Tuberculosis Control Program.	k	SH	Y	Small group discussions.	Written.	
CT34.8	Interpret a Chest Radiograph.	S	SH	Y	Skill Lab	Skill assessment.	
CT34.11	Perform AFB staining.	S	p	Y	DOAP session.	Log book/journal.	
<b>WARD ENDING EXAMINATION</b>							

  
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