AKASH INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE CBME CURRICULUM TIME TABLE MARCH TO JANUARY

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| **DATE** | **DAY** | **8-11** | **11-12** | **12-1** | **2-4** |
| **08/3/21** | **MONDAY** | Postings | **PH1.1 Principles of Pharmacology and Pharmacotherapeutics L** | Birth rate, maternal mortality rate and morbidity L | **PH1.3 Drug formulations and drug delivery systems-SGD A** |
| CM 3.2 1. Estimate the amount of bleaching powder required for chlorination of a water  source – SGD/DOAP |
| **09/3/21** | **TUESDAY** | Postings | **PH1.4Pharmacokinetics- Introduction (PK) L** | **FM1.1 - Knowledge of basics of Forensic Medicine -L**  **FM1.2 - Describe history of Forensic Medicine- L** | **FM14.6 -Examination of hair (human & animal) fibre, semen & other biological fluids**  **FM14.7 - Demonstrate & identify that a particular stain is blood and identify the species of its origin**  **FM14.8 - technique to perform and identify ABO & RH blood group of a person- (Practical) FM-A** |
| **PA B 1.2-SGD (Department orientation)** |
| **10/3/21** | **WEDNESDAY** | Postings | MI 1.1 Introduction to Microbiology, History-L | **PA-1.1 L Role of Pathologist in diagnosis and treatment** | MI 1.2 Microscopy 1-SGD |
| **PA A1.2-SGD (Department orientation)** |
| **11/3/21** | **THURSDAY** | **MAHASHIVARATHRI** | | | |
| **12/3/21** | **FRIDAY** | Postings | MI1.1.2 Morphology of Bacteria-L | **PA 1.2 L History and evolution of Pathology** | **PH1.3 Drug formulations and drug delivery systems-SGD B** |
| CM 3.2 1. Estimate the amount of bleaching powder required for chlorination of a water  source – SGD/DOAP |
| **13/3/21** | **SATURDAY** | Clinical training and  Skills | IM14.1 IM14.2 IM14.3 IM14.4 IM14.5 - Obesity L | Describe basic concepts of homeostasis, enumerate the metabolic changes in injury and  their mediators | SPORTS |
| **15/3/21** | **MONDAY** | POSTINGS | **PH1.4 Pharmacokinetics-Absorption (PK) L** | Perinatal mortality and morbidity including perinatal and neonatal mortality and morbidity  audit-L | **PH 2.1PH 1.11 Demonstrate understanding of the use of various dosage forms-1-SGD A** |
| CM – 3.2 2. Differentiate a sanitary and non- sanitary well from the given models – DOAP |
| **16/3/21** | **TUESDAY** | POSTINGS | **PH1.4 Pharmacokinetics -Distribution (PK) L** | **FM2.1 - death and its types** | **FM3.1 – IDENTIFICATION** |

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|  |  |  |  | **FM2.2 - natural and unnatural deaths**  **FM2.3 - issues related to sudden natural deaths- L** | **Define and describe Corpus Delicti, establishment of identity of living persons including race, Sex, religion, complexion, Stature, age determination using morphology, teeth- eruption, decay, bite marks, bones- ossification centres, medicolegal aspects of age**  **SGD FM-A** |
| **PA B 2.5(DOAP)- Degenerations Specimens-Fatty liver** |
| **17/3/21** | **WEDNESDAY** | POSTINGS | MI 1.1.2 Classification and taxonomy of bacteria-L | **PA 2.1 L Cell injury and their clinical significance** | MI 1.2 Microscopy 2  MI 1.1 – Physiology of Bacteria (SGD) |
| **PA A 2.5(DOAP)- Degenerations Specimens-Fatty liver** |
| **18/3/21** | **THURSDAY** | POSTINGS | CM – L 3.1 1. Describe the health hazards of air and noise pollution 2. Explain prevention and control of air pollution. 3. Define water pollution and describe health hazards of water pollution 4. Enumerate biological effects of radiation  CM - L 3.2 1. Discuss safe and wholesome water along with the sources of water 2. Describe the Purification of water on the large scale. 3. Describe the Purification of water on the small scale. 4. Discuss the drinking water quality-criteria standards water conservation and rainwater harvesting.  CM 3.3 1. Classify the water borne diseases | **PH1.4 Pharmacokinetics– Metabolism (PK) L** | MI 1.2 Microscopy 1&2  MI 1.1 – Physiology of Bacteria (SGD)  **FM14.6 -Examination of hair (human & animal) fibre, semen & other biological fluids**  **FM14.7 - Demonstrate & identify that a particular stain is blood and identify the species of its origin**  **FM14.8 - technique to perform and identify ABO & RH blood group of a person- SGD (Practical) FM-B** |
| **19/3/21** | **FRIDAY** | POSTINGS | MI 1.1.2.3 Culture media –L | **PA 2.2 L Cell injury: reversible- irreversible injury** | **PH 2.1PH 1.11 Demonstrate understanding of the use of various dosage forms-1-SGD B** |
| CM – 3.2 2. Differentiate a sanitary and non-  sanitary well from the given models - DOAP |
| **20/3/21** | **SATURDAY** | Clinical training and Skills | IM14.13 IM14.14 IM14.15 Obesity management-L | Describe the factors that affect the metabolic response to injury  Describe basic concepts of peri operative  care | SPORTS |
| **22/3/21** | **MONDAY** | POSTINGS | **PH1.4Pharmacokinetics- Excretion (PK) L** | Development and anatomy of the female reproductive tract, relationship to other | **PH 2.1Demonstrate understanding of the use**  **of various dosage forms -2 SGD A** |

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|  |  |  |  | pelvic organs, applied anatomy as related to Obstetricsand  Gynaecology -L | CM – 3.2 3. Analyse water quality form the given information – DOAP |
| **23/3/21** | **TUESDAY** | POSTINGS | **PH 1.5 General principles of mechanism of drug action Pharmacodynamics L** | **FM2.4 Organ Transplantation and The Human Organ Transplant (Amendment) Act 2011 and discuss ethical issues regarding organ donation – SDL ( follwed by reflective writing)** | **FM2.16 - Describe and discuss examination of mutilated bodies or fragments, charred bones and bundle of bones- SGD (Practicals )FM-A** |
| **PA B2.6(SGD)**  **Cellular adaptations: Atrophy, hypertrophy, hyperplasia, metaplasia, dysplasia** |
| **24/3/21** | **WEDNESDAY** | POSTINGS | MI 1.1.2.3 Culture methods-L | **PA 2.3 L**  **Intracellular accumulation of fats, proteins, carbohydrates, pigments** | M1.4 Sterilization and Disinfection 1=SGD |
| **PAA2.6(SGD)**  **Cellular adaptations: Atrophy, hypertrophy, hyperplasia, metaplasia, dysplasia** |
| **25/3/21** | **THURSDAY** | POSTINGS | CM – L 3.4 1. List the types of solid waste and the hazards due to each type. 2. Describe various scientific methods of sewage/liquid waste and solid waste disposal 3. Discuss hazards due to human excreta and open defaecation 4. Explain the principles behind functioning of sanitary latrines and other methods of human excreta disposal  CM 3.5 1. Explain and differentiate the housing standards of Urban and rural area. 2. Assess over crowding 3. Explain hazards of overcrowding. 4. List and explain the indicators of housing. 5. Explain the  effects of poor housing on the health. | **PH 1.5General principles of mechanism of drug action Pharmacodynamics – L** | M1.4 Sterilization and Disinfection 1=SGD  **FM3.1 – IDENTIFICATION**  **Define and describe Corpus Delicti, establishment of identity of living persons including race, Sex, religion, complexion, Stature, age determination using morphology, teeth- eruption, decay, bite marks, bones- ossification centres, medicolegal aspects of age**  **SGD FM-B** |
| **26/3/21** | **FRIDAY** | POSTINGS | MI 1.6 Bacterial Genetics-1 | **PA-L 2.4**  **Cell death –necrosis, apoptosis, autolysis** | **PH 2.1Demonstrate understanding of the use of various dosage form-2 SGD B** |
| CM – 3.2 3. Analyse water quality form the  given information – DOAP |
| **27/3/21** | **SATURDAY** | Clinical training and Skills | IM22.1 Enumerate the causes of hypercalcemia and distinguish the features of PTH vs non PTH mediated hypercalcemia  IM22.2 Describe the aetiology, clinical manifestations, diagnosis and clinical approach to primary  hyperparathyroidism | Define And Describe the general futures of acute and cronic inflammation including stimuli, vascular and cellular events   * Acute inflammation * Morphological patterns of acute | SPORTS |

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|  |  |  |  | inflammation   * Chemical mediators and regulators of acute inflammation * Chronic inflammatory cells * Chronic inflammation * And mediators * Granulomatous inflammation * Systemic inflammatory response syndrome following major injury |  |
| **29/3/21** | **MONDAY** | POSTINGS | **PH 1.5 Pharmacodynamics L** | Development and anatomy of the female reproductive tract, relationship to other pelvic organs, applied anatomy as related to Obstetricsand  Gynaecology | **PH 2.1Demonstrate understanding of the use of various dosage forms -3SGD A** |
| CM 3.6 . Identify and distinguish the vectors of public health importance based on the  morphology – DOAP |
| **30/3/21** | **TUESDAY** | POSTINGS | **PH 1.5Pharmacodynamics L** | **FM2.5 - Discuss moment of death, modes of death - coma, asphyxia and syncope**  **FM2.6 - Discuss presumption of death and survivorship**  **FM2.7 - Describe and discuss suspended animation- L** | **FM14.9 - Demonstrate examination of & present an opinion after examination of skeletal remains in a simulated/ supervised environment – SGD (Practicals) FM-A** |
| **PA B 2.8 –DOAP- Necrosis Specimen- Gangrene**  **Slides- Coagulative necrosis, Caseous**  **necrosis** |
| **31/3/21** | **WEDNESDAY** | POSTINGS | MI 1.6 Bacterial Genetics-2 MI 1.6 Antimicrobials | **PA-L 2.7**  **Cellular ageing and apoptosis** | M1.4 Sterilization and Disinfection 2  MI 1.1.2.3 Culture media-SGD and MI  1.1.2.4 biochemical reactions (SGD) |
| **PA A 2.8 –DOAP- Necrosis Specimen- Gangrene**  **Slides- Coagulative necrosis, Caseous**  **necrosis** |
| **01/4/21** | **THURSDAY** | POSTINGS | **CM- EVIDENCE BASED MEDICINE** | **PH 1.2Evidence based medicine and Therapeutic drug monitoring Evidence based Medicine integration with Community Medicine L** | M1.4 Sterilization and Disinfection 2  MI 1.1.2.3 Culture media-SGD and MI  1.1.2.4 biochemical reactions(SGD) **FM2.16 - Describe and discuss examination of mutilated bodies or fragments, charred bones**  **and bundle of bones- (Practicals )FM-B** |

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| **02/4/21** | **FRIDAY** | **GOOD FRIDAY** | | | |
| **03/4/21** | **SATURDAY** | Clinical training and Skills | IM22.3 Describe the approach to the management of hypercalcemia  IM22.4 Enumerate the components and describe the genetic basis of the multiple endocrine neoplasia syndrome | SURG Enumerate and describe the mediators of acute inflammation   * Cell- derived mediators * Plasma protein- derived mediators | SPORTS |
| **05/4/21** | **MONDAY** | POSTINGS | **PH 1.9 Nomenclature of drugs SGD** | Physiology of ovulation, menstruation, fertilization, implantation and gametogenesi s-L | **PH 2.1Demonstrate understanding of the use of various dosage forms-4-SGD A** |
| CM – 3.6 Identify and distinguish the vectors of public health importance based on the  morphology – DOAP |
| **06/4/21** | **TUESDAY** | POSTINGS | **PH 1.6, 1.7Principles of Pharmacovigilance & ADR reporting systems - L** | **FM2.11 - Describe and discuss autopsy procedures including post-mortem examination, different types of autopsies, aims and objectives of post-mortem examination**  **FM2.14 - Describe and discuss examination of clothing, preservation of viscera on post- mortem examination for chemical analysis and other medico-legal purposes, post- mortem artefacts**  **FM8.5 - Describe Medico-legal autopsy in cases of poisoning including preservation and dispatch of viscera for chemical analysis**  **FM8.9 - Describe the procedure of intimation of suspicious cases or actual cases of foul play to the police, maintenance of**  **records, preservation and dispatch of relevant samples for laboratory analysis.- L** | **FM2.8 - postmortem changes**  **FM2.10 - estimation of time since death- SGD** |
| **PA-B Formative assessment- Cell injury** |
| **07/4/21** | **WEDNESDAY** | POSTINGS | MI 1.1.2.2 General pathogenesis and lab diagnosis of bacterial infections –L | **PA-L 4.1**  **Acute and Chronic Inflammation** | MI 1.2 Gram Stain (DOAP) Formative assessment 1 General  Microbiology 1 |
| **PA-A Formative assessment- Cell injury** |
| **08/4/21** | **THURSDAY** | POSTINGS | CM – L 7.1 – Define the term epidemiology, list various components and approaches of epidemiology, describe the aims of epidemiology, enumerate various uses of epidemiology | **PH 1.16 Anti- histaminic, 5-HT modulating drugs L** | MI 1.2 Gram Stain (DOAP) Formative assessment 1-General  Microbiology 1  **FM14.9 - Demonstrate examination of & present an opinion after examination of skeletal remains in a simulated/ supervised**  **environment – SGD (Practicals) FM-B** |

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| **09/4/21** | **FRIDAY** | POSTINGS | MI 1.1 Students seminar Molecular diagnosis of infectious disease –SDL | **P A L 4.2**  **Mediators of acute inflammation** | **PH 2.1Demonstrate understanding of the use of various dosage forms -3 SGD B** |
| CM 3.6 . Identify and distinguish the vectors of public health importance based on the  morphology – DOAP |
| **10/4/21** | **SATURDAY** | Clinical training and Skills | IM22.5 IM22.6 Hyponatremia- L | **Describe pathophysiology of shock, types of shock ,principles of resuscitation including fluid replacement and monitoring**  **Describe the clinical features of shock and its appropriate treatment**  RG | SPORTS |
| **12/4/21** | **MONDAY** | POSTINGS | **PH 1.16 Drugs for migraine L** | Physiology of ovulation, menstruation, fertilization, implantation and gametogenesi s -L | **PH 2.1Demonstrate understanding of the use of various dosage forms -5 SGD A** |
| CM – 3.6 . Identify and distinguish the different stages of the life cycle of the vectors of public health importance - DOAP |
| **13/4/21** | **TUESDAY** | POSTINGS | **HOLIDAY** | | |
| **14/4/21** | **WEDNESDAY** | POSTINGS | MI 1.7.2 Structure and function of immune system- 1 –L | **PA-L 4.3**  **Mediators of acute inflammation** | MI 1.2 ZN Staining (DOAP) \*(fit in morphology of mtb)  MI 1.7.4 Complement(SDL) |
| **PA-A Formative assessment- Inflammation** |
| **15/4/21** | **THURSDAY** | POSTINGS | CM – L 7.2 – Define infection, contamination, and infestation 2. Classify modes of transmission of zoonotic diseases 3. Differentiate between concept of disease control, elimination and eradication 4. Define Incubation period, secondary attack time, generation time and serial interval 5. Classify and describe adverse events following immunization (AEFI) 6.  Explain cold chain system and its uses | **PH 1.16. NSAIDs L** | MI 1.2 ZN Staining (DOAP) \*(fit in morphology of mtb)  MI 1.7.4 Complement (SDL)  **FM2.8 - postmortem changes**  **FM2.10 - estimation of time since death- SGD** |
| **16/4/21** | **FRIDAY** | POSTINGS | MI 1.7.2 Structure and function of immune system-  2 –L | **PA-L 5.1**  **Repair and regeneration including wound** | **PH 2.1Demonstrate understanding of the use**  **of various dosage forms -4 SGD B** |

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|  |  |  |  | **healing and its types** | CM 3.6 . Identify and distinguish the vectors of public health importance based on the  morphology – DOAP |
| **17/4/21** | **SATURDAY** | Clinical training and Skills | IM22.7 hypokalemia IM22.8 hyperkalemia | Communicate and counsel patients and families about the treatment and prognosis of shock demonstrating empathy and care  **Define and describe shock, its pathogenesis and its stages**   * Shock * Pathogenesis of septic shock * Three major types of shock * Stages of shock | SPORTS |
| **19/4/21** | **MONDAY** | POSTINGS | **PH 1.16 Gout, anti-rheumatic drugs L** | Basic embryology of fetus, factors influencing fetal growth and development, anatomy and physiology of placenta, and teratogenesis-L | **PH 2.1Demonstrate understanding of the use of various dosage forms -6 SGD A** |
| CM – 3.6 3. Identify the insecticide/pesticide  and associate its use in vector control - DOAP |
| **20/4/21** | **TUESDAY** | POSTINGS | **PH 1.14 Cholinergic Neurotransmission and agonists L** | **FM2.12 -legal requirements to conduct post- mortem examination and procedures to conduct medico-legal post-mortem examination**  **FM2.13 - obscure autopsy FM2.17 – exhumation – L** | **PRACTICALS** |
| **PA-B Formative assessment- inflammation** |
| **FM2.9 - Describe putrefaction, mummification, adipocere and maceration**  **FM3.2 - IDENTIFICATION Describe and discuss identification of criminals, unknown persons, dead bodies from the remains-hairs, fibres, teeth, anthropometry, dactylography,**  **foot prints, scars, tattoos ( SGD)** |
| **21/4/21** | **WEDNESDAY** | POSTINGS | MI 1.7.3 Antigen-L | **PA-L 6.1**  **Edema** | MIC- B  MI 1.2 Stool Examination (DOAP)  MI 1.7.1Innate Immunity-SGD |
| **PA A(DOAP) 4.4Acute Inflammation**  **Specimen- Acute appendicitis, Lobar Pneumonia Slides- Acute appendicitis, Lobar Pneumonia** |
| **22/4/21** | **THURSDAY** | POSTINGS | CM – L 7.3 - 1. Enlist various sources of epidemiological data 2. Describe the advantages and | **PH 1.14 Anticholinesteraes L** | MIC- B  MI 1.2 Stool Examination (DOAP) |

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|  |  |  | disadvantages of various sources of epidemiological data 3. Discuss the uses of epidemiological data 4. Describe SRS Classify health surveys 5. Enlist the uses of hospital records |  | Innate Immunity-SGD  **FM2.9 - Describe putrefaction, mummification, adipocere and maceration**  **FM3.2 - IDENTIFICATION Describe and discuss identification of criminals, unknown persons, dead bodies from the remains-hairs, fibres, teeth, anthropometry, dactylography,**  **foot prints, scars, tattoos ( SGD)** |
| **23/4/21** | **FRIDAY** | POSTINGS | MI 2.3.1 Sepsis | **AITO-SHOCK PA-L 6.3**  **Shock** | **PH 2.1Demonstrate understanding of the use of various dosage forms=5 SGD B** |
| CM – 3.6 . Identify and distinguish the different  stages of the life cycle of the vectors of public health importance - DOAP |
| **24/4/21** | **SATURDAY** | Clinical  training and Skills | **MED- AITO-SHOCK L** | **SURG- AITO-SHOCK L.** | SPORTS |
| **26/4/21** | **MONDAY** | POSTINGS | **PH 1.14 Anticholinergic drugs L** | Clinical features of pregnancy, differential diagnosis, elaborate the principles underlying and interpretation -L | **PH 2.1Demonstrate understanding of the use of various dosage forms -7 SGD A**  **FORMATIVE ASSESSMENT** |
| **CM – 5.2 1. Conduct a nutritional assessment of individuals, families, and the community using the appropriate anthropometric and clinical methods -**  **DOAP** |
| **27/4/21** | **TUESDAY** | POSTINGS | **AITO- PH 1.27-Shock** | **FM2.15 - 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 CommissionGuidelines – SDL** | **PA B(DOAP) 4.4Acute Inflammation**  **Specimen- Acute appendicitis, Lobar Pneumonia Slides- Acute appendicitis, Lobar Pneumonia** |
| **FM2.18 - Crime Scene Investigation: -**  **Describe and discuss the objectives of crime scene visit, the duties & responsibilities of doctors on crime scene and the reconstruction of sequence of events after crime scene investigation**  **FM2.31 - Demonstrate ability to work in a team for conduction of medico-legal autopsies in cases of death following alleged medical negligence, dowry death, death in**  **custody or following violation of human** |

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|  |  |  |  |  | **rights as per National Human Rights Commission Guidelines on exhumation**  **(SGD)** |
| **28/4/21** | **WEDNESDAY** | POSTINGS | MI 1.7.3 Antibody -1-L | **PA-L 6.4**  **Thrombosis** | MIC- B  MI 1.7.5 Antigen-antibody 1 (SGD) |
| **PA A 4.4(DOAP)Chronic Inflammation Specimens- TB lymph node, Madura foot**  **Slide- Granulation tissue, TB lymph node, Actinomycosis, Rhinosporidiosis** |
| **29/4/21** | **THURSDAY** | POSTINGS | CM – L 7.4 1. List the uses of morbidity and mortality indicators 2. Classify morbidity and mortality indicators of public health importance with examples.  3. Comment of the impact of national health programmes based on the given set of data on morbidity and mortality indicators | **PH 1.25 Anticoagulants, antiplatelets, fibrinolytics, plasma expanders - L** | MIC- A  MI 1.7.5 Antigen-antibody 1 (SGD)  **FM2.18 - Crime Scene Investigation: -**  **Describe and discuss the objectives of crime scene visit, the duties & responsibilities of doctors on crime scene and the reconstruction of sequence of events after crime scene investigation**  **FM2.31 - Demonstrate ability to work in a team for conduction of medico-legal autopsies in cases of death following alleged medical negligence, dowry death, death in custody or following violation of human rights as per National Human Rights Commission Guidelines on exhumation**  **(SGD)** |
| **30/4/21** | **FRIDAY** | POSTINGS | MI 1.7.3 Antibody -2-L MI 1.7.1 Acquired immunity L | **PA-L 6.5**  **Embolism** | **PH 2.1Demonstrate understanding of the use of various dosage forms -6 SGD B** |
| CM – 3.6 3. Identify the insecticide/pesticide  and associate its use in vector control - DOAP |
| **01/5/21** | **SATURDAY** | Clinical  training and Skills | **HOLIDAY** | | |
| **03/5/21** | **MONDAY** | POSTINGS | **PH 1.25 Anticoagulants, antiplatelets, fibrinolytics, plasma expanders-L** | Clinical features of pregnancy, derive and discuss the differential diagnosis, elaborate the principles underlying and interpretation-L | **PH 2.3 Demonstrate the appropriate setting up of an intravenous drip in a simulated environment-1 DOAP SGD A** |
| CM 5.4 . Plan a diet chart for individuals of different age groups and gender, based on their requirements, availability of foods and  economic status in a simulated environment 2. |

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|  |  |  |  |  | Plan a comprehensive dietary guideline for families belonging to various 4 socio economic  status in a simulated environment - SGD |
| **04/5/21** | **TUESDAY** | POSTINGS | PH 1.25 Anticoagulants, antiplatelets, fibrinolytics, plasma expanders L | **FM2.19 - Investigation of anaesthetic, operative deaths: Describe and discuss special protocols for conduction of autopsy and for collection, preservation and dispatch of related material evidences – SDL** | **PA B 4.4(DOAP)Chronic Inflammation Specimens- TB lymph node, Madura foot**  **Slide- Granulation tissue, TB lymph node, Actinomycosis, Rhinosporidiosis** |
| **FM2.32 - Demonstrate ability to exchange information by verbal or nonverbal communication to the peers, family members, law enforcing agency and judiciary**  **FM2.33 & FM2.34 - Demonstrate ability to use local resources whenever required like in mass disaster situations**  **FM2.35 - Demonstrate professionalism while conducting autopsy in medicolegal situations, interpretation of findings and making inference/opinion, collection, preservation and dispatch of biological or trace evidences**  **(SGD)** |
| **05/5/21** | **WEDNESDAY** | POSTINGS | MI 1.7.5 Antigen Antibody Reactions -2 L | **PA-L 7.1**  **Neoplasia.**  **Biologic, behavior and spread** | MI 1.2 Grams, ZN Stool Repetition (DOAP) Tutorials- General Microbiology |
| **PA A 6.2,6.7 (DOAP)**  **CVC and Infarction**  **Specimen- CVC Liver (Optional). Infarction- Spleen**  **Slide- CVC lung, CVC liver (Optional), CVC Spleen (Optional), Infarction- Spleen** |
| **06/5/21** | **THURSDAY** | POSTINGS | CM – L 7.5 1. Classify the epidemiological study designs 2. Explain the steps of different epidemiological study designs (Cross sectional, case control, cohort and RCT) 3. List the advantages and limitations of various epidemiological study designs.  4. Select the appropriate study design for a given research question | PH 1.13 Adrenergic and anti- adrenergic drugs L | MI 1.2 Grams, ZN Stool Repetition (DOAP) Tutorials- General Microbiology  **FM2.32 - Demonstrate ability to exchange information by verbal or nonverbal communication to the peers, family members, law enforcing agency and judiciary**  **FM2.33 & FM2.34 - Demonstrate ability to use local resources whenever required like in mass disaster situations**  **FM2.35 - Demonstrate professionalism while conducting autopsy in medicolegal situations, interpretation of findings and**  **making inference/opinion,** |

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|  |  |  |  |  | **collection, preservation and dispatch of biological or trace**  **evidences (SGD)** |
| **07/5/21** | **FRIDAY** | POSTINGS | Integrated with Pathology\* MI 1.10.1 Hypersensitivity-1 L | **PA-L 7.1**  **Neoplasia.**  **Biologic, behavior and spread** | **PH 2.1Demonstrate understanding of the use of various dosage forms -7 SGD B**  **FORMATIVE ASSESSMENT** |
| CM – 5.2 1. Conduct a nutritional assessment of individuals, families, and the community using the appropriate anthropometric and clinical methods -  DOAP |
| **08/5/21** | **SATURDAY** | Clinical training and Skills | IM22.9 Enumerate the causes and describe the clinical and laboratory features of metabolic acidosis | SURG Describe the indications and appropriate use of blood and blood products and complications of blood transfusion | SPORTS |
| **10/5/21** | **MONDAY** | POSTINGS | **PH 1.13 Adrenergic and anti- adrenergic drugs L** | Changes in the genital tract, Cardiovascular, respiratory, hematology, renal and gastro intestinal system in pregnancy-L | **PH 2.3 Demonstrate the appropriate setting up of an intravenous drip in a simulated environment-2 DOAP SGD A** |
| CM – 7.4 1. Calculate and interpret morbidity and mortality indicators based on  given set of data - SGD |
| **11/5/21** | **TUESDAY** | POSTINGS | **PH 1.13 Adrenergic and anti- adrenergic drugs L** | **FM8.1 - the history of Toxicology** | **PA B 6.2,6.7 (DOAP)**  **CVC and Infarction**  **Specimen- CVC Liver (Optional). Infarction- Spleen**  **Slide- CVC lung, CVC liver (Optional), CVC Spleen (Optional), Infarction- Spleen** |
| **FM14.2 - Demonstrate the correct technique of clinical examination in a suspected case of poisoning & prepare medico-legal report in a simulated/ supervised environment**  **FM14.3 - Assist and demonstrate the proper technique in collecting, preserving and dispatch of the exhibits in a suspected case of poisoning, along with clinical examination**  **FM8.7 - Describe simple Bedside clinic tests**  **to detect poison/drug in a patient’s** |

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|  |  |  |  |  | **body fluids**  **SGD (Practical/ skill lab)** |
| **12/5/21** | **WEDNESDAY** | POSTINGS | Integrated with Pathology\* MI 1.10.1 Hypersensitivity-2 L | **PA-L 7.2**  **Molecular basis of cancer** | MI 1.4 Sterilization and Disinfection 3  Formative assessment 2- General microbiology 2 |
| **PA A 5**  **Tutorials- Healing and repair** |
| **13/5/21** | **THURSDAY** | POSTINGS | CM – L 7.6 1. Define screening test and list the types of screening tests 2. List the differences between screening and diagnostic test 3. List the criteria for screening of a disease 4. Enumerate and explain the uses of screening tests 5. List and explain the evaluation indicators for a screening test | **PH 1.60- Pharmacogenomics and Pharmacoeconomics SDL** | MI 1.4 Sterilization and Disinfection 3  Formative assessment 2- General microbiology 2  **FM14.2 - Demonstrate the correct technique of clinical examination in a suspected case of poisoning & prepare medico-legal report in a simulated/ supervised environment**  **FM14.3 - Assist and demonstrate the proper technique in collecting, preserving and dispatch of the exhibits in a suspected case of poisoning, along with clinical examination**  **FM8.7 - Describe simple Bedside clinic tests to detect poison/drug in a patient’s body fluids**  **SGD (Practical/ skill lab)** |
| **14/5/21** | **FRIDAY** | POSTINGS | MI 1.8.2 Cell mediated immunity-L | **PA-L 7.2**  Molecular **basis of cancer** | **PH 2.3 Demonstrate the appropriate setting up of an intravenous drip in a simulated environment-1 DOAP SGD B** |
| CM 5.4 . Plan a diet chart for individuals of different age groups and gender, based on their requirements, availability of foods and economic status in a simulated environment 2. Plan a comprehensive dietary guideline for families belonging to various 4 socio economic status in a simulated environment - SGD |
| **16/5/21** | **SATURDAY** | Clinical training and | IM22.10 metabolic alkalosis-L  IM22.11 respiratory acidosis-L | SURG **Observe blood transfusions**  **Counsel patients and family /friends for** | SPORTS |

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|  |  | Skills | IM22.12 respiratory alkalosis-L | **blood transfusion and blood donation** |  |
| **17/5/21** | **MONDAY** | POSTINGS | **PH 1.56 - Basic aspects of Geriatric and Pediatric pharmacology L** | Changes in the genital tract, Cardiovascular, respiratory, hematology, renal and gastro intestinal system in pregnancy- L | **PH 3.4 To recognise and report an adverse drug reaction -1 SGD A** |
| CM – 7.4 1. Calculate and interpret morbidity and mortality indicators based on given set of data -  SGD |
| **18/5/21** | **TUESDAY** | POSTINGS | **PH 1.59- Essential medicines, Fixed dose combinations, Over the counter drugs, Herbal medicines SGD** | **FM8.2 - Define the terms Toxicology, Forensic Toxicology, Clinical Toxicology and poison**  **FM8.3 - Describe the various types of poisons, Toxicokinetics, and Toxicodynamics and diagnosis of poisoning in living and dead**  **FM8.4 - Describe the Laws in relations to poisons including NDPS Act, Medico-legal aspects of poisons**  **FM8.6 - Describe the general symptoms, principles of diagnosis and management of**  **common poisons encountered in India- L** | **PA B 5**  **Tutorials- Healing and repair** |
| **FM9.1 - Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to: Caustics Inorganic – sulphuric, nitric, and hydrochloric acids; Organic- Carbolic Acid (phenol), Oxalic and acetylsalicylic acids**  **( SGD)** |
| **19/5/21** | **WEDNESDAY** | POSTINGS | (Integration with Pathology) \* MI1.8.2 Humoral Immunity –L | **PA-L 7.3**  **Carcinogens and carcinogenesis** | MI 8.6 Management of blood and body fluid spill (DOAP)  MI 1.10.3 Immunodeficiency disorders- SGD |
| **PA A 7(DOAP)**  **Benign tumors Specimen - Lipoma**  **Slide- Hemangioma, Schwannoma, Lipoma** |
| **20/5/21** | **THURSDAY** | POSTINGS | CM – L 7.7 1. Know the objectives and steps in investigation of epidemic 2. Know the principle of control measures 3. With problem-based case scenario, enumerate the steps in the investigation of epidemic able to list at least five steps of epidemic investigation | **PH 1.59- Essential medicines, Fixed dose combinations, Over the counter drugs, Herbal medicines SGD** | MI 8.6 Management of blood and body fluid spill (DOAP)  MI 1.10.3 Immunodeficiency disorders- SGD  **FM9.1 - Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote**  **therapy, procedures of enhanced elimination** |

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|  |  |  |  |  | **with regard to: Caustics Inorganic – sulphuric, nitric, and hydrochloric acids; Organic- Carbolic Acid (phenol), Oxalic and acetylsalicylic acids**  **( SGD)** |
| **21/5/21** | **FRIDAY** | POSTINGS | Integration with Pathology and Pediatrics\* MI 1.10.2 Autoimmunity | **PA-L 7.3**  **Carcinogens and carcinogenesis** | **PH 2.3 Demonstrate the appropriate setting up of an intravenous drip in a simulated environment-2 DOAP SGD B** |
| CM – 7.4 1. Calculate and interpret morbidity and mortality indicators based on given set of data –  SGD |
| **22/5/21** | **SATURDAY** | Clinical training and Skills | IM22.13 Identify the underlying acid based disorder based on an ABG report and clinical situation | SURG Describe and discuss the physiologic effects of acute blood and volume loss   * Causes * Indications for blood transfusion | SPORTS |
| **24/5/21** | **MONDAY** | POSTINGS | **AITO PH 1.49 Anticancer drug L** | Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation, screening of high risk factors | **PH 3.4 To recognise and report an adverse drug reaction -2 SGD A** |
| CM – 7.4 2. Calculate and interpret sensitivity, specificity, false positive, false negative, predictive value positive and negative of a screening test - SGD |
| **25/5/21** | **TUESDAY** | POSTINGS | **AITO PH 1.49 Anticancer drug L** | **FM8.8 - basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination- L** | **PA B 7(DOAP)**  **Benign tumors Specimen - Lipoma**  **Slide- Hemangioma, Schwannoma, Lipoma** |
| **FM9.5 - Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Organophosphates, Carbamates,**  **Organochlorines, Pyrethroids, Paraquat,** |

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|  |  |  |  |  | **Aluminium and Zinc phosphide SGD (Integration Pharmacology)** |
| **26/5/21** | **WEDNESDAY** | POSTINGS | L Integration with Pathology\*  MI 1.11 Transplantation and tumor immunity-L | **PA-L 9.3**  **HLA System and Immune principles. Transplant and mechanism of transplant rejection** | Tutorials- Sterilization and disinfection MI Preparation of Peripheral smear  Formative assessment 3- immunity, immune response, hypersensitivity |
| **PA A 7(DOAP)**  **Malignant tumors**  **Specimen- Squamous cell carcinoma, Adenocarcinoma**  **Slide- Squamous cell carcinoma, Basal cell carcinoma, Adenocarcinoma, Transitional cell**  **carcinoma (Optional)** |
| **27/5/21** | **THURSDAY** | POSTINGS | CM – L 7.8 1. Explain the principle of association and causation 2. List different types of biases in epidemiological studies 3. Identify the biases in various epidemiological studies 4. Enlist 3 biases in epidemiological studies | **AITO PH 1.50 Immunomodulators and management of organ transplant rejection L** | Tutorials- Sterilization and disinfection MI Preparation of Peripheral smear  Formative assessment 3- immunity, immune response, hypersensitivity  **FM9.5 - Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Organophosphates, Carbamates, Organochlorines, Pyrethroids, Paraquat, Aluminium and Zinc phosphide SGD**  **(Integration Pharmacology)** |
| **28/5/21** | **FRIDAY** | POSTINGS | MI 1.1.3 Overview of viral infections and cultivation of viruses-L  SDL- Bacteriophage | **PA-L 9.4**  **Autoimmunity & autoimmune disorders** | **PH 3.4 To recognise and report an adverse drug reaction -1 SGD B** |
| CM – 7.4 1. Calculate and interpret morbidity and mortality indicators based on given set of data -  SGD |
| **29/5/21** | **SATURDAY** | Clinical training and Skills | IM23.1 Discuss and describe the methods of nutritional assessment in an adult and calculation of caloric requirements during illnesses L  IM23.4 Enumerate the indications for enteral and | SURG Elicit document and present and appropriate history that identifies thee route of bleeding, quantity, grade, volume loss, duration, etiology, comorbid illnesses and | SPORTS |

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|  |  |  | parenteral nutrition in critically ill patients L | risk factors |  |
| **31/5/21** | **MONDAY** | POSTINGS | **AITO PH 1.52- Management of common poisoning, insecticides, common sting and bites L** | Elicit, document and present an obstetric history including menstrual history, LMP, previous obstetric history, comorbid conditions, past medical and surgical history-l | **PH 2.4 Calculation of drug dosage in patients including special situation(Integration with general medicine,pediatrics) –1 DOAP SGD A** |
| CM – 7.4 2. Calculate and interpret sensitivity, specificity, false positive, false negative, predictive value positive and negative of a  screening test - SGD |
| **01/6/21** | **TUESDAY** | POSTINGS | **AITO PH 1.53 - Heavy metal poisoning and chelating agents SGD** | **FM8.10 - Describe thegeneral principles of Analytical Toxicology – L** | **PA B 7(DOAP)**  **Malignant tumors**  **Specimen- Squamous cell carcinoma, Adenocarcinoma**  **Slide- Squamous cell carcinoma, Basal cell carcinoma, Adenocarcinoma, Transitional cell carcinoma (Optional)** |
| **FM11.1 - Describe features and management of Snake bite, scorpion sting, bee and wasp**  **sting and spider bite (SGD)** |
| **02/6/21** | **WEDNESDAY** | POSTINGS | MI 1.1.4Overview of Mycology-L | **PA-L 9.5**  **Systemic lupus erythematosus** | MIC- B  MI 8.9 Collection and transportation of specimens(SGD)  MI hanging drop |
| **PA A (DOAP)13.2,13.5**  **Anticoagulants-Different vacutainers**  **OSPE-Prepare peripheral blood smear and reporting**  **Slides- Normocytic normochromic blood picture, Eosinophilia** |
| **03/6/21** | **THURSDAY** | POSTINGS | CM - L 11.1 1. List the most common occupations in India  2. List the most common occupational illnesses suffered by workers in these occupations 3. List and describe the clinical features of the occupational illnesses experienced by workers, including those in agriculture | **PH 1.31 Drugs used in the management of dyslipidemias SDL** | MIC- B  MI 8.9 Collection and transportation of specimens(SGD)  MI hanging drop  **FM11.1 - Describe features and management of Snake bite, scorpion sting, bee and wasp sting and spider**  **bite (SGD)** |

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| **04/6/21** | **FRIDAY** | POSTINGS | MI1.1.5 Overview of parasitic infections | **PA-L 12.3**  **Obesity and its consequences** | **PH 3.4 To recognise and report an adverse drug reaction -2 SGD B** |
| CM – 7.4 2. Calculate and interpret sensitivity, specificity, false positive, false negative, predictive value positive and negative of a  screening test - SGD |
| **05/6/21** | **SATURDAY** | Clinical training and Skills | IM23.2 Discuss and describe the causes and consequences of protein caloric malnutrition in the hospital L | SURG enumerate the indications for whole blood, component and platelet transfusion and describe the clinical features and management of a mismatched transfusion | SPORTS |
| **07/6/21** | **MONDAY** | POSTINGS | **PH 1.42 General principles of chemotherapy L** | Obstetric examination on including general and abdominal examination and clinical monitoring and maternal and fetal well being -L | **PH 2.4 Calculation of drug dosage in patients including special situation(Integration with general medicine, pediatrics) -2 DOAP SGD A** |
| CM – 11.4 1. Identify the hazards associated with different occupations 2. Identify the measures, personal protective devices and equipments and demonstrate its correct use in ensuring occupational safety – SGD  CM - 7.9 1. Describe the application of computers in epidemiology 2. Hands on training by using computers in epidemiology 3. List out the 3 uses  of computer in epidemiology - SDL |
| **08/6/21** | **TUESDAY** | POSTINGS | **PH 1.42 General principles of chemotherapy- sulfonamindes and fluoroquinolones L** | **FM9.2 - General Principles and basic methodologies in treatment of poisoning- L** | **PA B(DOAP)13.2,13.5**  **Anticoagulants-Different vaccutainers**  **OSPE-Prepare peripheral blood smear and reporting**  **Slides- Normocytic normochromic blood picture, Eosinophilia** |
| **FM9.6 - Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Ammonia, carbon monoxide,**  **hydrogen cyanide & derivatives, methyl isocyanate, tear (riot control) gases (SGD)** |
| **09/6/21** | **WEDNESDAY** | POSTINGS | Integration with Community medicine\*  MI 1.3 common infection and their epidemiology-L | **PA-L 9.7**  **Pathogenesis of other common autoimmune diseases** | MIC- B  MI 1.6 AST (DOAP)  Antibiotic policy and Antibiotic Stewardship |
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|  |  |  |  |  | **PA A(SGD)**  **PA7.4 Describe the effects of tumor on the host including paraneoplastic syndrome**  **PA7.5 Describe immunology and the immune**  **response to cancer** |
| **10/6/21** | **THURSDAY** | POSTINGS | CM – L 11.2 1. List two important acts related to Occupational Health in India. 2. Describe in brief the benefits to employees under the Employees State Insurance Act (ESI Act).  11.3 1. Distinguish between hazard and risk 2. List and classify the hazards faced employees in common occupations 3. Draw the triangle depicting the Hierarchy of Control 4. List preventive interventions under the different levels of the hierarchy of controls | **PH 1.42 General principles of chemotherapy- Penicillin L** | MIC- B  MI 1.6 AST (DOAP)  Antibiotic policy and Antibiotic Stewardship  **FM9.6 - Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Ammonia, carbon monoxide, hydrogen cyanide & derivatives, methyl**  **isocyanate, tear (riot control) gases (SGD)** |
| **11/6/21** | **FRIDAY** | POSTINGS | MI 2.3 Blood Stream Infections and CRBI-L | **PA-L 10.3**  **Leprosy** | **PH 2.4 Calculation of drug dosage in patients including special situation (Integration with general medicine, pediatrics) -1 – DOAP SGD B** |
| CM – 7.4 2. Calculate and interpret sensitivity, specificity, false positive, false negative, predictive value positive and negative of a  screening test – SGD |
| **12/6/21** | **SATURDAY** | Clinical training and Skills | IM23.3 Discuss and describe the aetiology, causes, clinical manifestations, complications, diagnosis and management of common vitamin deficiencies-I L | SURG Develop. Document and present a treatment plan that includes fluid resuscitation, blood and blood component transfusion, and specific therapy for arresting blood loss | SPORTS |
| **14/6/21** | **MONDAY** | POSTINGS | **PH 1.42 General principles of chemotherapy- cephalosporins L** | Monitoring of fetal well being, enumerate the indications for and types of vaccination in pregnancy -L | **PH3.3 Perform a critical evaluation of the drug promotional literature – 1 Certification SGD A 1 Certification SGD A** |
| CM 7.7 - 1. In a simulated scenario: Demonstrate the steps in the investigation of an epidemic of a communicable disease and outline the control  measures - SGD |
| **15/6/21** | **TUESDAY** | POSTINGS | **PH 1.42 General principles of chemotherapy-** | **FM10.1 - Describe General Principles and** | **PA B(SGD)** |

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|  |  |  | **aminoglycosides L** | **basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to:**  **i. Antipyretics – Paracetamol, Salicylates ii. Anti-Infectives (Common antibiotics – an overview)**   1. **Neuropsychotoxicology Barbiturates, benzodiazepins, phenytoin, lithium, haloperidol, neuroleptics, tricyclics** 2. **Narcotic Analgesics, Anaesthetics, and Muscle Relaxants** 3. **Gastro-Intestinal and Endocrinal Drugs –**   **Insulin - L**  **(Integration – Pharmacology**) | **PA7.4 Describe the effects of tumor on the host including paraneoplastic syndrome**  **PA7.5 Describe immunology and the immune response to cancer** |
| **FM14.17 - To identify & draw medico-legal inference from common poisons e.g. dhatura, castor, cannabis, opium, aconite copper sulphate, pesticides compounds, marking nut, oleander, Nux vomica, abrus seeds, Snakes, capsicum, calotropis, lead compounds & tobacco**. (SGD) Practicals |
| **16/6/21** | **WEDNESDAY** | POSTINGS | Integration with four depts(pathology, microbiology,pharmacology,cm, clinical) \*  MI 2.4 Malaria-1-L | **PA-L 11.3**  **Common storage disorders in infancy and childhood.** | Immunoprophylaxis  Formative Assessment- Rest of immunology |
| **PA A Tutorials- Neoplasia** |
| **17/6/21** | **THURSDAY** | POSTINGS | CM – L 11.4 1. Define “Ergonomics” 2. List the common ergonomic problems seen among employees in different occupations 3. List the risk factors implicated in the causation of common ergonomic problems 4. List the measures to be taken to ensure ergonomic safety  11.5 1. List the categories of healthcare workers employed in the healthcare industry 2. List and describe the clinical features of the occupational illnesses experienced by healthcare workers. 3. List and classify the hazards faced employees in different departments in a hospital setting 4. List preventive interventions to prevent and manage  occupational hazards and illnesses in the hospital setting | **PH 1.42 General principles of chemotherapy General Principals- macrolides and other antibiotics L** | Immunoprophylaxis  Formative Assessment- Rest of immunology  **FM14.17 - To identify & draw medico-legal inference from common poisons e.g. dhatura, castor, cannabis, opium, aconite copper sulphate, pesticides compounds, marking nut, oleander, Nux vomica, abrus seeds, Snakes, capsicum, calotropis, lead compounds & tobacco**. (SGD) Practicals |
| **18/6/21** | **FRIDAY** | POSTINGS | MI 2.3 Integration with four depts.(pathology, microbiology,pharmacology,cm, clinical)\*  MI 2.4 Malaria-2-L | **PA-L 12.2**  **Protein calorie malnutrition and starvation** | **PH 2.4 Calculation of drug dosage in patients including special situation (Integration with general medicine, pediatrics) -2 DOAP SGD B** |
| CM – 11.4 1. Identify the hazards associated with different occupations 2. Identify the measures,  personal protective devices and equipments and |

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|  |  | |  | |  | |  | | | demonstrate its correct use in ensuring occupational safety – SGD  CM - 7.9 1. Describe the application of computers in epidemiology 2. Hands on training by using computers in epidemiology 3. List out the 3 uses  of computer in epidemiology | |
| **19/6/21** | **SATURDAY** | | Clinical training and Skills | | IM23.3 Discuss and describe the aetiology, causes, clinical manifestations, complications, diagnosis and management of common vitamin deficiencies-II L | | SURG observe cross matching and blood  /blood component transfusion   * Types of transfusions * Indications complications * Transfusion components | | | SPORTS | |
| **1ST THEORY INTERNAL ASSESSMENT (FORMATIVE ASSESSMENT)** | | | | | | | | | | | |
| **DATE** | **DAY** | | **TIME** | | **SUBJECT** | | **MAX MARKS** | | | | |
| **21/6/21** | **MONDAY** | | 10AM-1PM | | PATHOLOGY | | **100** | | | | |
| **22/6/21** | **TUESDAY** | | 10AM-1PM | | MICROBIOLOGY | | **100** | | | | |
| **23/6/21** | **WEDNESDAY** | | 10AM-1PM | | PHARMACOLOGY | | **100** | | | | |
| **1ST PRACTICAL INTERNAL ASSESSMENT (FORMATIVE ASSESSMENT)** | | | | | | | | | | | |
| **DATE** | **DAY** | | **TIME** | | **SUBJECT** | | **BATCH** | | **MAX MARKS** | | |
| **24/6/21** | **THURSDAY** | | 10-1PM | | PATHOLOGY | | **A** | | **80** | | |
| MICROBIOLOGY | | **B** | |
| PHARMACOLOGY | | **C** | |
| **25/6/21** | **FRIDAY** | | 10-1PM | | PATHOLOGY | | **B** | | **80** | | |
| MICROBIOLOGY | | **C** | |
| PHARMACOLOGY | | **A** | |
| **26/6/21** | **SATURDAY** | | 10-1PM | | PATHOLOGY | | **C** | | **80** | | |
| MICROBIOLOGY | | **A** | |
| PHARMACOLOGY | | **B** | |
| **AKASH INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE CBME CURRICULUM TIME TABLE- BLOCK 2** | | | | | | | | | | | |
| **DATE** | | **DAY** | | **8-11** | | **11-12** | | **12-1** | | | **2-4** |

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| **28/6/21** | **MONDAY** | POSTINGS | MI 2.5  MI 2.5 leishmania L | **PA 18.1 –SGD**  **Leucocytosis , leucopenia, lymphocytosis and leukemoid reactions.** | PH. FEEDBACK TO STUDENTS- 1ST INTERNAL ASSESSMENT |
| **PH3.3 Perform a critical evaluation of the drug promotional literature –2 Certification SGD A** |
| **29/6/21** | **TUESDAY** | POSTINGS | PH 1.47- Antimalarials Drugs L | MI 2.4 Parvovirus SGD | **PH 1.47 Antiameobic and**  **antihelminthic drugs SGD** |
| **30/6/21** | **WEDNESDAY** | POSTINGS | **AITO PA-L 13.3**  **Classify anemia**. | ,MI 2.5.5 Schistosoma hematobium L | ,MIC- B  Tutorials- MI 1.7.5Antigen- antibody reaction |
| PA. FEEDBACK TO STUDENTS- 1ST INTERNAL ASSESSMENT |
| **PA A 14,15(DOAP)**  **Anaemia**  **Slides-Microcytic hypochromic anaemia and**  **Dimorphic anaemia** |
| **01/7/21** | **THURSDAY** | POSTINGS | **PH 1.47 Kala Azar L** | FORMATIVE ASSESSMENT- PATHOLOGY | PH. FEEDBACK TO STUDENTS- 1ST INTERNAL ASSESSMENT |
| **PH3.3 Perform a critical evaluation**  **of the drug promotional literature – 1 Certification SGD B** |
| **02/7/21** | **FRIDAY** | POSTINGS | **AITO PA-L 13.4**  **Investigations of anemia** | MI 2.4 Babesia SGD | ,MIC- A  Tutorials- MI 1.7.5Antigen- antibody reaction |
| PA. FEEDBACK TO STUDENTS- 1ST INTERNAL ASSESSMENT |
| **PA B 14,15(DOAP)**  **Anaemia**  **Slides-Microcytic**  **hypochromic anaemia and Dimorphic anaemia** |
| **03/7/21** | **SATURDAY** | Clinical  training and Skills | **AETCOM 2.5 Bioethics- case studies on patient autonomy and decision making (patient rights and shared responsibility y in healthcare) SDL** | **AETCOM 2.5 Bioethics- case studies on patient autonomy and decision making (patient rights and shared responsibility y in healthcare) SDL** |  |
| **05/7/21** | **MONDAY** | POSTINGS | Integration 5 departments\* MI 3.3 Enteric Fever-L | **PA-8.1-SGD**  **Diagnostic role of cytology and its application in clinical care** | **PH3.3 Perform a critical evaluation of the drug promotional literature – 3 Certification SGD A** |
| **06/7/21** | **TUESDAY** | POSTINGS | PH 1.46 ANTILEPROTIC DRUGS L | MI 2.4 Hookworm SGD &  Diphyllobothrium- SDL | **PH 1.48 UTI & STD- SDL** |
| **07/7/21** | **WEDNESDAY** | POSTINGS | **AITO PA-L 14.1-14.2** | MI 2.5.3 Trypanosoma-L | MIC- B |

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|  |  |  | **Iron metabolism Microcytic hypochromic anemia** |  | MI 8.9 Collection of throat swab- DOAP |
| **PA A 16.6 (DOAP)**  **Hemolytic anaemia**  **Slides- Sickle cell anaemia/**  **Thalassemia/ Autoimmune haemolytic anaemia** |
| **08/7/21** | **THURSDAY** | POSTINGS | **AITO PH 1.35- IRON- L** | FORMATIVE ASSESSMENT- MICROBIOLOGY | **PH3.3 Perform a critical evaluation of the drug promotional literature –**  **2 Certification SGD B** |
| **09/7/21** | **FRIDAY** | POSTINGS | **AITO PA-L 15.1 – 15.4**  **Vitamin B12 deficiency**  **Macrocytic anemia** | MI 8.1.3 Brucella | MIC- A  MI 8.9 Collection of throat swab- DOAP |
| **PA B 16.6 (DOAP)**  **Hemolytic anaemia**  **Slides- Sickle cell anaemia/**  **Thalassemia/ Autoimmune haemolytic anaemia** |
| **10/7/21** | **SATURDAY** | Clinical training and Skills | **AETCOM 2.5 Bioethics- case studies on patient autonomy and decision making (patient rights and**  **shared responsibilit y in healthcare) SGD** | **AETCOM 2.5 Bioethics- case studies on patient autonomy and decision making (patient rights**  **and shared responsibilit y in healthcare) SGD** |  |
| **12/7/21** | **MONDAY** | Postings | MI2.2 Infective endocarditis L | **PA-13**  **FORMATIVE ASSESSMENT: Anemia and**  **Leukemia** | **PH 3.7 Prepare a list of essential medicine for a health care**  **facility 1 SGD A** |
| **13/7/21** | **TUESDAY** | POSTINGS | **AITO PH 1.35- VITAMIN B12, FOLIC ACID,**  **ERYTHROPOIETIN AND CSF. L** | MI 8.1.5 Rickettsia-1 SGD | **PH 1.4 DIURETICS. SGD** |
| **14/7/21** | **WEDNESDAY** | POSTINGS | PA-L  **AITO PA-L 16.1,16.2,16.5**  **Hemolytic anemia** | Formative assessment 5 Quiz /MCQ | MIC- B  MI 6.3 Gram stain, ZN stain of Sputum sample-DOAP |
| **PA A 18 (DOAP)**  **Leukemias**  **Slides- Chronic myeloid leukemia, Chronic lymphoid leukemia. Acute leukemia**  **(Optional)** |

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| **15/7/21** | **THURSDAY** | POSTINGS | **PH 1.4 ANTIDIURETICS L** | FORMATIVE ASSESSMENT- PHARMACOLOGY | **PH3.3 Perform a critical evaluation of the drug promotional literature –**  **3 Certification SGD B** |
| **16/7/21** | **FRIDAY** | POSTINGS | PA-L  **AITO PA- 16.3**  **Sickle cell anemia and thalassemia** | MI 8.1.5 Rickettsia-2 SGD | MIC- A  MI 6.3 Gram stain, ZN stain of Sputum sample-DOAP |
| **PA B 18 (DOAP)**  **Leukemias**  **Slides- Chronic myeloid leukemia, Chronic lymphoid leukemia. Acute leukemia**  **(Optional)** |
| **17/7/21** | **SATURDAY** | Clinical training and Skills | **AETCOM 2.5 Bioethics- case studies on patient autonomy and decision making (patient rights and**  **shared responsibilit y in healthcare) SGD** | **AETCOM 2.5 Bioethics- case studies on patient autonomy and decision making (patient rights**  **and shared responsibilit y in healthcare) SGD** |  |
| **19/7/21** | **MONDAY** | POSTINGS | **AITO Integration with Pathology\* MI 2.1 Rheumatic Fever** | **PA-27(SGD). Rheumatic fever PA-27.6 Infective endocarditis** | **PH 3.7 Prepare a list of essential medicine for a health care facility 2-SGD FORMATIVE**  **ASSESSMENT A** |
| **20/7/21** | **TUESDAY** | POSTINGS | **PH 1.26 RENIN ANGIOTENSIN ALDOSTERONE**  **SYSTEM SDL** | MI6.1.18 Systemic mycosis SGD | **PH.1.27**  **ANTIHYPERTENSIVES- SGD** |
| **21/7/21** | **WEDNESDAY** | **HOLIDAY** | | | |
| **22/7/21** | **THURSDAY** | POSTINGS | **PH 1.29 PHARMACOTHERAPY OF CCF L** | FORMATIVE ASSESSMENT-PATHOLOGY | **PH 3.7 Prepare a list of essential medicine for a health care**  **facility 1 SGD B** |
| **23/7/21** | **FRIDAY** | POSTINGS | **PA-L PA-16.4**  **Acquired hemolytic anemia** | MI 5.1.11 Listeriosis SGD | MIC- A  MI 5.1.11 Case Scenario (Choose the appropriate diagnostic test for infectious disease-1) |
| **PA B 19 (DOAP)**  **Lymph node / spleen**  **Specimen- Enlarged spleen, TB lymph node**  **Slide- TB lymph node, Hodgkin’s lymphoma** |
| **24/7/21** | **SATURDAY** | Clinical training | **AETCOM-PH- FORMATIVE ASSESSMENT** | **AETCOM-PH- FORMATIVE ASSESSMENT** |  |

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|  |  | and Skills |  |  |  |
| **26/7/21** | **MONDAY** | FM- SDL | MI 8.2 Zygomycosis L | **PA 8.2-SGD**  **Pap smear, body fluid cytology.** | PH 3.6 Demonstrate how to optimize interaction with pharmaceutical representative to get authentic information on  drugs SGD A |
| **27/7/21** | **TUESDAY** | POSTINGS | **PH 1.30 ANTI-ARRHYTHMIC DRUGS SDL** | MI 5.1.10 Haemophillis and Bordatella SGD | **PH 1.58 DRUGS USED IN OCULAR DISEASE – GLAUCOMA INTEGRATION WITH OPTHALMOLOGY AND PHYSIOLOGY-**  **SEMINAR SGD** |
| **28/7/21** | **WEDNESDAY** | POSTINGS | **PA L-17.1**  **Aplastic anemia**  **17.2 Bone marrow aspiration and biopsy** | AITOIntegrated with 5 departments\* MI 2.7 HIV-1 | MIC- B  MI 5.1.11 Case Scenario (Choose the appropriate diagnostic test for infectious disease-1 &2) |
| **PA A 19 (DOAP)**  **Lymph node / spleen**  **Specimen- Enlarged spleen, TB lymph node**  **Slide- TB lymph node,**  **Hodgkin’s lymphoma** |
| **29/7/21** | **THURSDAY** | POSTINGS | **PH 1.48 NON RETROVIRAL INCLUDING ANTIINFLUENZA DRUGS L** | FORMATIVE ASSESSMENT- MICROBIOLOGY | **PH 3.7 Prepare a list of essential medicine for a health care facility 2 SGD FORMATIVE**  **ASSESSMENT B** |
| **30/7/21** | **FRIDAY** | POSTINGS | **PA L 9.6 Define and describe the pathogenesis and pathology of HIV and AIDS** | Integrated with 5 departments\* MI 2.7 HIV-2 | MIC- A  MI 5.1.11 Case Scenario (Choose the appropriate diagnostic test for infectious disease-2) |
| **PA B 22 (DOAP)**  **Blood grouping:OSPE-Forward grouping -Slide/ tube method** |
| **31/7/21** | **SATURDAY** | Clinical training  and Skills | AETCOM MI 2.7.3 Pre and Post test counseling . Advise the health care worker with needle stick injury in complete and correct sequence in a simulated setting | AETCOM MI 8.14 Interaction with ICTC staff |  |
| **02/8/21** | **MONDAY** | POSTINGS | MI 8.1.4 Leptospirosis and Borreliosis L | **PA-19.1,19.6,19.7-SGD** | **PH 3.5 To prepare and explain a** |

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|  |  |  |  | | | **Lymphadenopathy. Splenomegaly.**  **Identify an describe the gross specimen of an**  **enlarged spleen**. | | | | **list of P- drugs for a given case/ condition – 3 no.s (integratation with General medicine) 1 SGD A** |
| **03/8/21** | **TUESDAY** | POSTINGS | PH 1. 48 ANTI HIV DRUGS L | | | MI Normal flora of Human Body SGD | | | | **PH- FORMATIVE**  **ASSESSMENT SGD** |
| **04/8/21** | **WEDNESDAY** | POSTINGS | **PA-L18.2: Acute leukemia** | | | MI 2.5.4 Lymphatic filariasis SDL/ Seminar | | | | MIC- B  MI 5.1.11 Case Scenario (Choose the appropriate diagnostic test for infectious disease-3) |
| **PA A 22 (DOAP)**  **Blood grouping:OSPE-Forward grouping -Slide/ tube method** |
| **05/8/21** | **THURSDAY** | POSTINGS | PH 1.48 ANTI FUNGAL L | | | FORMATIVE ASSESSMENT- PHARMACOLOGY | | | | **PH 3.6 Demonstrate how to optimize interaction with pharmaceutical representative to get authentic information on**  **drugs SGD B** |
| **06/8/21** | **FRIDAY** | POSTINGS | **PA-L18.2 Chronic leukemia..** | | | MI 6.1.13 Orthomyxovirus SGD | | | | MIC- A  MI 5.1.11 Case Scenario (Choose the appropriate diagnostic test for infectious disease-3) |
| **PA B 23.1 (DOAP)**  **Urine examination Physical examination**  **Chemical examination- Introduce strip methodology.**  **Tests for Reducing substances, Protein, Blood, Ketone bodies. Bilirubin and Bile salts (Optional).** |
| **07/8/21** | **SATURDAY** | Clinical training  and Skills |  | AETCOM- MI 8.6 HOW to manage biospill |  |  | AETCOM MI 8.9 Demonstration of respect to patients | |  |  |
|  | | | sample- OSPE |  | |
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| **09/8/21** | **MONDAY** | POSTINGS | MI 6.1.12 Viral URTI-1 L | | | **PA 19.2-SGD**  **Tuberculous lymphadenitis** | | | | **PH 3.5 To prepare and explain a list of P- drugs for a given case/ condition – 3 no.s (integratation**  **with General medicine) 2 SGD A** |

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| **10/8/21** | **TUESDAY** | POSTINGS | **PH 1.64 DRUG DEVELOPMENT, PHASES OF CLINICAL TRIALS & GCP- SGD** | MI 4.3.3 Paramyxovirus SGD | **PH 1.36 INTRODUCTION TO ENDOCRINE DISORDERS**  **SGD** |
| **11/8/21** | **WEDNESDAY** | POSTINGS | **PA L 19.4: Hodgkin and Non Hodgkin lymphoma** | MI 6.1.12 Viral URTI-2 L CD | MIC- B  MI Formative assessment-6 |
| **PA A 23.1 (DOAP)**  **Urine examination Physical examination**  **Chemical examination- Introduce strip methodology.**  **Tests for Reducing substances, Protein, Blood, Ketone bodies. Bilirubin and Bile salts**  **(Optional).** |
| **12/8/21** | **THURSDAY** | POSTINGS | **PH 1.37 ANTERIOR PITUITARY- HPA AXIS SDL** | FORMATIVE ASSESSMENT-PATHOLOGY | **PH 3.5 To prepare and explain a list of P- drugs for a given case/ condition – 3 no.s (integratation**  **with General medicine) 1 SGD B** |
| **13/8/21** | **FRIDAY** | POSTINGS | **PA L 21.1: Hemophilia.**  **21.2: Pathology of vascular and platelet disorder including ITP.** | MI 6.1.11 Mycoplasma and Legionella SGD | MIC- A  MI Formative assessment-6 MI 2.7.3 HIV |
| **PA B 24.3 (DOAP)**  **Gastrointestinal system**  **Specimen- Peptic ulcer, Gastric carcinoma, Carcinoma colon. TB intestine (Optional).**  **Slide- Pleomorphic adenoma, carcinoma colon. TB intestine (Optional). Gastric carcinoma**  **(Optional).** |
| **14/8/21** | **SATURDAY** | Clinical training and Skills | AETCOM MI 8.12 Discuss with the help of case scenarios, or role play or videos  a. Request form or container with incomplete or wrong information  Lost CSF sample | AETCOM MI 8.12 Discuss with the help of case scenarios, or role play or videos  C. contaminated blood for culture  D. Delayed submission of urine sample for culture E. salivary Samples for ZN stain |  |

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| **16/8/21** | **MONDAY** | POSTINGS | Integrated with 5 departments MI 3.1.3 Vibrio cholera-1 L | **PA-,20.1-SGD**  **Myeloma-Charts.** | **PH 3.5 To prepare and explain a list of P- drugs for a given case/ condition – 3 no.s (integratation**  **with General medicine) 3 SGD A** |
| **17/8/21** | **TUESDAY** | POSTINGS | **PH 1.37 ANDROGENS & ANTIANDROGENS L** | MI 6.1.20 Paragonimus westermani SGD | **PH 1.37 ESTROGENS, ANTIESTROGENS, PROGESTINS,**  **ANTIPROGESTINS SGD** |
| **18/8/21** | **WEDNESDAY** | POSTINGS | **PA-L 21.4,21.5 DIC**  **Vit K deficiency** | MI 3.1.3 Vibrio cholera-2 L | MIC- B  Applied Exercises (MI 2.1 Rheumatic fever  MI 2.2 Infective Endocarditis MI 2.3.1 role of Sepsis Markers) |
| **PA B 24.3 (DOAP)**  **Gastrointestinal system**  **Specimen- Peptic ulcer, Gastric carcinoma, Carcinoma colon. TB intestine (Optional).**  **Slide- Pleomorphic adenoma, carcinoma colon. TB intestine (Optional). Gastric carcinoma**  **(Optional).** |
| **19/8/21** | **THURSDAY** | POSTINGS | **PH 1.39 CONTRACEPTIVES L** | FORMATIVE ASSESSMENT- MICROBIOLOGY | **PH 3.5 To prepare and explain a list of P- drugs for a given case/ condition – 3 no.s (integratation**  **with General medicine) 2 SGD B** |
| **20/8/21** | **FRIDAY** | **HOLIDAY** | | | |
| **21/8/21** | **SATURDAY** | Clinical training and Skills | AETCOM  **Working in a health care team** | AETCOM  **Working in a health care team** |  |
| **23/8/21** | **MONDAY** | POSTINGS | MI 3.7 Hepatitis virus-1 L | **PA-21.3,SGD-**  **Differentiate platelet from clotting disorders based on the clinical and hematological features** | **PH 3.1Write a rational, correct and legible generic prescription for a given condition and communicate the same to the patient (integratation with**  **General medicine) 1 SGD A** |
| **24/8/21** | **TUESDAY** | POSTINGS | **PH 1.38 CORTICOSTEROIDS L** | MIC 3.1.4 Antibiotic associated diarrhea | **PH 1.40 DRUGS USED IN** |

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|  |  |  |  | & Non typhoidal Salmonella SDL | **TREATMENT OF**  **INFERTILITY AND ERECTILE DYSFUNCTION SGD** |
| **25/8/21** | **WEDNESDAY** | POSTINGS | PA-L  PA25.2 Hepatic failure PA25.3 Viral and toxic hepatitis: | MI 3.7 Hepatitis virus-2 L  (Applied exercises have to be covered- Hep b and c) | MIC- B  Applied Exercises MI 2.7.3 HIV  MI 3.7.2 Hepatitis B MI 3.7.3 Hepatitis C |
| **PA A 25 (DOAP)**  **Hepatobiliary system**  **Specimen-Cirrhosis, Chronic cholecystitis with Gall stones**  **Slide- Cirrhosis, Chronic**  **cholecystitis** |
| **26/8/21** | **THURSDAY** | POSTINGS | **PH 1.41 UTERINE RELAXANTS AND STIMULANTS L** | FORMATIVE ASSESSMENT- PHARMACOLOGY | **PH 3.5 To prepare and explain a list of P- drugs for a given case/ condition – 3 no.s (integratation**  **with General medicine) 3 SGD B** |
| **27/8/21** | **FRIDAY** | POSTINGS | **PA-L**  **PA25.4 Alcoholic liver disease including cirrhosis PA 25.5 Portal hypertension** | MI 3.1.5 Viruses causing diarrhea + Schistosoma mansoni and Schistosoma japonicum SGD | MIC- A  Applied Exercises (MI 2.1 Rheumatic fever  MI 2.2 Infective Endocarditis MI 2.3.1 role of Sepsis Markers  MI 3.7.2 Hepatitis B MI 3.7.3 Hepatitis C) |
| **PA A 25 (DOAP)**  **Hepatobiliary system**  **Specimen-Cirrhosis, Chronic cholecystitis with Gall stones**  **Slide- Cirrhosis, Chronic**  **cholecystitis** |
| **28/8/21** | **SATURDAY** | Clinical training and Skills | AETCOM  **Working in a health care team** | AETCOM  **Working in a health care team** |  |
| **30/8/21** | **MONDAY** | POSTINGS | Integrated with Pathology, General medicine, Dermatology\*  MI 4.3.2 Mycobacterium leprae L | PA23.2 SGD - Semen analysis with transudate, exudate and cytology | **PH 3.1Write a rational, correct and legible generic prescription for a given condition and**  **communicate the same to the** |

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|  |  |  |  |  | **patient (integratation with**  **General medicine) 2 SGD A** |
| **31/8/21** | **TUESDAY** | POSTINGS | **PH 1.36 OSTERPOROSIS STUDENT SEMINAR SGD** | MI 8.1.9 Echinococcus granulosus, Fasciola  hepatica, Clonorochis sinensis SGD | **PH FORMATIVE**  **ASSESSMENT (THEORY) SGD** |
| **01/9/21** | **WEDNESDAY** | POSTINGS | PA-L  PA24.2 Peptic ulcer disease PA24.3 Microscopic features of peptic ulcer | MI 3.6 Helicobacter pylori Campylobacter L | ,MIC- B  Applied Exercises MI 3.1.3 Cholera  MI 3.1.2 Diarrheogenic Ecoli MI 3.1.8 Diarrhea in  immunocompromised host |
| **PA A 27 (DOAP)**  **Cardiovascular system**  **Specimen- Atherosclerosis, Myocardial infarction**  **Slide- Atherosclerosis,**  **Myocardial infarction** |
| **02/9/21** | **THURSDAY** | POSTINGS | PH 1.34 ACID PEPTIC DISEASE AND GERD L | FORMATIVE ASSESSMENT-PATHOLOGY | **PH 3.1Write a rational, correct and legible generic prescription for a given condition and communicate the same to the patient (integratation with**  **General medicine) 1 SGD B** |
| **03/9/21** | **FRIDAY** | POSTINGS | **PA-L**  **PA24.6 Inflammatory bowel disease** | MI 3.5 Food poisoning (Seminar) SDL | MIC- A  Applied Exercises MI 3.1.3 Cholera  MI 3.1.2 Diarrheogenic Ecoli MI 3.1.8 Diarrhea in  immunocompromised host |
| **PA B 27 (DOAP)**  **Cardiovascular system**  **Specimen- Atherosclerosis, Myocardial infarction**  **Slide- Atherosclerosis,**  **Myocardial infarction** |
| **04/9/21** | **SATURDAY** | Clinical training and Skills | AETCOM: Healthcare as a right – Responsibilities to provide healthcare at various levels | AETCOM: Healthcare as a right – Need for fundamental healthcare |  |

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| **06/9/21** | **MONDAY** | POSTINGS | MI 8.1.2 Yersinia L |  | **PH 3.2 Perform and interpret a critical appraisal (audit) of a given prescription**  **– 3 no.s SGD A** |
| **07/9/21** | **TUESDAY** | POSTINGS | PH 1.34 Irritable Bowel Syndrome & Inflammatory Bowel Disease L | MI 3.1.7 Amoebiasis SGD | **PH 1.34 ANTIEMETICS, PROKINETICS, ANTIDIARRHOEALS AND**  **LAXATIVES SGD** |
| **08/9/21** | **WEDNESDAY** | POSTINGS | **PA-L**  **PA24.7 Carcinoma of the colon** | Integrated with Pathology, General medicine, Dermatology\*  MI 4.3.2 Mycobacterium Leprae L | ,MIC- B  Applies exercises  MI 3.5Food poisoning  MI 3.1.6 Bacillary dysentery MI 3.1.5 Viral gastroenteritis |
| **PA A 26 (DOAP)**  **Respiratory System**  **Specimen-Pneumonia , Bronchiectasis, Emphysema, TB lung, Carcinoma lung**  **Slide- Pneumonia, TB lung**  **(Optional).** |
| **09/9/21** | **THURSDAY** | POSTINGS | **PH 1.15 Describe mechanism/ s of action, types, doses, side effects, indications and contraindications of skeletal muscle relaxants L** | FORMATIVE ASSESSMENT-PATHOLOGY | **PH 3.1Write a rational, correct and legible generic prescription for a given condition and communicate the same to the patient (integratation with General**  **medicine) 2 SGD B** |
| **10/9/21** | **FRIDAY** | **HOLIDAY** | | | |
| **11/9/21** | **SATURDAY** | Clinical training  and Skills | AETCOM: Foundation of Communication: Process, types and barriers of communication | AETCOM: Foundation of Communication: Functions of health Communication |  |
| **13/9/21** | **MONDAY** | POSTINGS | MI 4.1.1 Clostridium perfringens and botulinum L |  | **PH 2.2 Prepare oral rehydration solution from ORS packet and**  **explain its use 1 SGD A** |
| **14/9/21** | **TUESDAY** | POSTINGS | **PH 1.17 LOCAL ANESTHETICS Integration with Anesthesia L** | MI 3.1.8 Giardiasis, Balantidiasis, SGD | **PH 1.19 CNS neurotransmitter &**  **SEDATIVE HYPNOTICS SGD** |
| **15/9/21** | **WEDNESDAY** | POSTINGS | **PA-L**  **22.4, 22.5: Blood components** | Formative assessment 6  Practical Applied exercises | MIC- B  Applied Exercises  MI 3.3Lab diagnosis of enteric |

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|  |  |  | **Infections transmitted by blood transfusions** | MI 3.5Food poisoning MI 3.1.6 Bacillary dysentery  MI 3.1.5 Viral gastroenteritis | fever(pathogen isolation)  MI 3.3Lab diagnosis of enteric  fever (serological diagnosis)  MI 4.3.3 Viral exanthematous fever |
| **PA A (DOAP)**  **Revision of**  **Slides/Specimen/Charts** |
| **16/9/21** | **THURSDAY** | POSTINGS | **PH 1.19 ANTIPSYCHOTICS L** | FORMATIVE ASSESSMENT- MICROBIOLOGY | **PH 3.2 Perform and interpret a critical appraisal (audit) of a given prescription**  **– 3 no.s SGD B** |
| **17/9/21** | **FRIDAY** | POSTINGS | **PA-L**  **22.6, 22.7 : Transfusion reactions and investigations of transfusion reactions**  **Autologous transfusion.** | MI 3.1.8Cryptosporidiosis, cyclospora, isospora SGD | MIC- A  Applied Exercises  MI 3.3Lab diagnosis of enteric  fever(pathogen isolation)  MI 3.3Lab diagnosis of enteric  fever (serological diagnosis)  MI 4.3.3 Viral exanthematous fever |
| **PA B 26 (DOAP)**  **Respiratory System**  **Specimen-Pneumonia , Bronchiectasis, Emphysema, TB lung, Carcinoma lung**  **Slide- Pneumonia, TB lung**  **(Optional).** |
| **18/9/21** | **SATURDAY** | Clinical training and Skills | AETCOM: Foundation of Communication: Introduction and approach to health education | AETCOM: Foundation of Communication: Models and contents of health education |  |
| **20/9/21** | **MONDAY** | POSTINGS | MI 4.3.5 Superficial Mycosis L | **PA10.4-SGD Bacterial, viral, protozoal and helminthic diseases** | **PH 2.2 Prepare oral rehydration solution from ORS packet and**  **explain its use 2 SGD A** |
| **21/9/21** | **TUESDAY** | POSTINGS | **Ph 1.19 Antidepressants L** | MI 3.1.9 Ascaris, Tichuris trichura SGD | **PH 1.19 Opoids & Opioid**  **Antagonists SGD** |
| **22/9/21** | **WEDNESDAY** | POSTINGS | **PA-L**  **35.2 CNS Tumors** | MI 8.1.8 Taenia-L | ,MIC- B  Applied exercises |

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|  |  |  |  |  | MI 4.3.1 Cellulitis  (streptococcus pyogens)  MI 8.5 Surgical site infection MI 4.3.1 Burns wound infection |
| **PA 24 Formative**  **assessment GI system** |
| **23/9/21** | **THURSDAY** | POSTINGS | **Ph 1.19 Anti Maniac Drugs L** | FORMATIVE ASSESSMENT- PHARMACOLOGY | **PH 2.2 Prepare oral rehydration solution from ORS packet and**  **explain its use 1 SGD B SGD B** |
| **24/9/21** | **FRIDAY** | POSTINGS | **PA-L**  **31.1: Breast benign disease.**  **31.4: Gyneacomastia.** | MI 8.1.8 Enterobius vermicularis, H. nana, Fasciola buski SGD | ,MIC- A  Applied exercises MI 4.3.1 Cellulitis  (streptococcus pyogens)  MI 8.5 Surgical site infection MI 4.3.1 Burns wound infection |
| **PA A (DOAP)**  **Revision of**  **Slides/Specimen/Charts** |
| **25/9/21** | **SATURDAY** | Clinical training and Skills | AETCOM: Foundation of Communication: Principles and practice of health education | AETCOM: Foundation of Communication: Doctor- patient communication, Doctor-nurse  communication |  |
| **27/9/21** | **MONDAY** | POSTINGS | MI 4.3.6 Trichinella spiralis, Loa loa, Onchocerca volvulus, Mansonella ozzardi, Dracunculus medensis  L | **PA24.4-SGD Carcinoma of the stomach** | **PH 3.8 Communicate effectively with a patient on proper use of**  **prescribe medication Integrated with dept of medicine SGD A** |
| **28/9/21** | **TUESDAY** | POSTINGS | **Ph1.19 Drugs Used For**  **Neurodegeenrative Disorders L** | MI 4.1.1 Non sporing anaerobes SGD | **PH 1.19 ANTIEPILEPTICS SGD** |
| **29/9/21** | **WEDNESDAY** | POSTINGS | **PA-L**  **31.2: Carcinoma breast.** | MI 4.1.1  Yellow fever, prions L | ,MIC- B  Applied exercises  MI 4.2 Osteomyelitis and  infective arthritis MI 4.3.4 Dermatophytosis  MI 4.3.5 Mycetoma |
| **PA 25 Formative**  **assessment Hepatobiliary**  **system** |

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| **30/9/21** | **THURSDAY** | POSTINGS | **PH 1.18 GENERAL ANESTHESIA L** | FORMATIVE ASSESSMENT-PATHOLOGY | **PH 2.2 Prepare oral rehydration solution from ORS packet and**  **explain its use 2 SGD B** |
| **01/10/21** | **FRIDAY** | POSTINGS | **PA-L**  **24.1:Oral cancer including salivary gland tumors** | MI 4.3.5 Subcutaneous mycosis SGD | ,MIC- B  Applied exercises  MI 4.2 Osteomyelitis and  infective arthritis MI 4.3.4 Dermatophytosis  MI 4.3.5 Mycetoma |
| **PA 24 Formative assessment GI**  **system** |
| **02/10/21** | **SATURDAY** | **HOLIDAY** | | | |
| **04/10/21** | **MONDAY** | POSTINGS | MI 4.2.2 Syphillis-1-L | **PA25.1 SGD Direct and indirect hyperbilirubinemia** | **PH 3.8 Communicate effectively with a patient on proper use of**  **prescribe medication 2 Integrated with dept of medicine SGD A** |
| **05/10/21** | **TUESDAY** | POSTINGS | **PH 1.18 GENERAL ANESTHESIA Integration with anesthesia dept L** | MI 4.2.3 Gonorrhea, Granuloma inguinale, Soft chancre. SGD | **PH 1.20 Describe the effects of acute and chronic ethanol intake, PH 1.21 Describe the symptoms and management of methanol and ethanol poisonings ) Integrated with dept of psychiatry SGD** |
| **06/10/21** | **WEDNESDAY** | POSTINGS | **PA-L**  **PA27.1 Distinguish arteriosclerosis from atherosclerosis.** | MI 4.2.2 Syphillis-2 L | MIC- B  Applied Exercises MI 5.2.8 Rabies  MI 5.1 Meningitis (Pyogenic,  neonatal, tubercular, cryptococcal) |
| **07/10/21** | **THURSDAY** | POSTINGS | **PH 1.22 Describe drugs of abuse (dependence,**  **addiction, stimulants, depressants, psychedelics, drugs used for criminal offences) Integrated with dept of psychiatry SGD** | FORMATIVE ASSESSMENT- PHARMACOLOGY | **PH 3.8 Communicate effectively**  **with a patient on proper use of prescribe medication 1 ) Integrated with dept of Medicine SGD B** |
| **08/10/21** | **FRIDAY** | POSTINGS | **PA-L**  **PA27.5 Ischemic heart disease** | MI 4.2.3 Bacterial vaginosis, trichomonas vaginallis, virus causing STD, fungus causing  STD -SGD | MIC- A  Applied Exercises MI 5.2.8 Rabies |

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|  |  |  |  |  | MI 5.1 Meningitis (Pyogenic, neonatal, tubercular, cryptococcal) |
| **09/10/21** | **SATURDAY** | Clinical training  and Skills | AETCOM – 2.2 Foundation of biothics | AETCOM – 2.2 Foundation of biothics |  |
| **2 nd THEORY INTERNAL ASSESSMENT (FORMATIVE ASSESSMENT)** | | | | | |
| **DATE** | **DAY** | **TIME** | **SUBJECT** | **MAX MARKS** |  |
| **11/10/21** | **MONDAY** | 10AM-1PM | PATHOLOGY | **100** |  |
| **12/10/21** | **TUESDAY** | 10AM-1PM | MICROBIOLOGY | **100** |  |
| **13/10/21** | **WEDNESDAY** | 10AM-1PM | PHARMACOLOGY | **100** |  |
| **14/10/21** | **THURSDAY** | **HOLIDAY** | | | |
| **2 nd THEORY INTERNAL ASSESSMENT (FORMATIVE ASSESSMENT)** | | | | | |
| **DATE** | **DAY** | **TIME** | **SUBJECT** | **BATCH** | **MAX MARKS** |
| **15/10/21** | **FRIDAY** | 10AM- 1PM | PATHOLOGY | A | **80** |
| MICROBIOLOGY | B |
| PHARMACOLOGY | C |
| **16/10/21** | **SATURDAY** | 10AM- 1PM | PATHOLOGY | B | **80** |
| MICROBIOLOGY | C |
| PHARMACOLOGY | A |
| **18/10/21** | **MONDAY** | 10AM- 1PM | PATHOLOGY | C | **80** |
| MICROBIOLOGY | A |
| PHARMACOLOGY | B |

AKASH INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE CBME CURRICULUM TIME TABLE- BLOCK 3

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| **DATE** | **DAY** | **8-11** | **11-12** | **12-1** | **2-4** | **4-5** |
| **19/10/21** | **TUESDAY** | POSTINGS | **PA L26.1 Pneumonia PA26.2 Lung abscess** | MI 5.2.8 Rabies-1 L | MIC-B  Applied Exercises MI 8.1.8 Hydatid cyst  MI 5.2.12 Neurocysticercosis MI 5.2.11 Cerebral abscess | **PH 1.33 DRUGS USED IN COUGH**  **SDL** |
| **PA A 28 DOAP Urinary system**  **Specimen- Chronic pyelonephritis, Renal stones with hydronephrosis, Renal cell carcinoma**  **Slide- Chronic pyelonephritis, Renal**  **cell carcinoma** |
| **20/10/21** | **WEDNESDAY** | POSTINGS | **PH 1.28 DRUGS USED IN ISCHEMIC HEART DISEASE & PERIPHERIRAL VASCULAR DISDEASES L** | CM – SDL: EPIDEMIOLOGY:  Enumerate, describe and discuss the sources of epidemiological data. | **PH 4.2 Demonstrate the effects of drugs on blood pressure (vasopressor and vasodepressors with appropriate blockers) using computer aided learning1 DOAP SGD A** |  |
| **PA A27.7 SGD Pericarditis and pericardial effusion**  **PA27.9 Cardiomyopathies** |
| **21/10/21** | **THURSDAY** | POSTINGS | **PH 1.28 DRUGS USED IN ISCHEMIC HEART DISEASE & PERIPHERIRAL VASCULAR DISDEASES L** | IM4.1 febrile response  IM4.2 febrile response in the elderly, immune suppression, malignancy and neutropenia, HIV and travel L | **PH 3.8 Communicate effectively with a patient on proper use of prescribe medication 2 SGD B** |  |
| **PA B 27.7 SGD Pericarditis and pericardial effusion**  **PA27.9 Cardiomyopathies** |
| **22/10/21** | **FRIDAY** | POSTINGS | CM 13.1: 1. DEFINE  the terms Hazard, Disaster.   1. CLASSIFY different disaster types with examples 2. DESCRIBE the response of a given institution during past disasters   CM 13.2: 1. LIST the  phases of disaster management  2. DESCRIBE Triaging, Tagging and  Identification of Dead. | **AETCOM Module 2.6 Bioethics- Case studies on patient autonomy and decision making (refusal of care including do not resuscitate and withdrawl of life support. Introduction & group formation- SDL** | MIC-A  Applied Exercises MI 8.1.8 Hydatid cyst  MI 5.2.12 Neurocysticercosis MI 5.2.11 Cerebral abscess  **PA B 28 DOAP**  **Urinary system**  **Specimen- Chronic pyelonephritis, Renal stones with hydronephrosis, Renal cell carcinoma**  **Slide- Chronic pyelonephritis, Renal cell carcinoma** | PH FEEDBACK TO STUDENTS- 2ND INTERNAL ASSESSMENT |
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| **23/10/21** | **SATURDAY** | Clinical training and Skills | **Elicit document and present history in a case of burns and perform physical examination.**  **Describe**  **pathophysiology of burns** | OBG-L Classify, define and discuss etiology and management of abortions including threatened, incomplete, inevitable, missed and septic |  | |  | |
| **25/10/21** | **MONDAY** | POSTINGS | PA-L  PA26.3 Chronic Bronchitis and Emphysema | **MI 6.1.15 Mycobacteria Tuberculosis-1** | **PH 1.44 First Line Anti Tubercular Drugs**  **PH 1.45 Drugs Used In Mdr & Xdr Tuberculosis Integrated With Microbiology, Pathology & Respiratory Medicine L** | | PA. FEEDBACK TO  STUDENTS- 1ST  INTERNAL  ASSESSMENT |  |
| **PA-13.1 6.4a SDL**  **Hematopoiesis and extramedullary hematopoiesis**  **Normal haemostasis** |  |
| **26/10/21** | **TUESDAY** | POSTINGS | PA L26.4 Tuberculosis – include other organs with Tuberculosis | **MI 6.1.15 Mycobacteria Tuberculosis-2** | MI 5.2.8 Rabies-2 SGD  MI 5.2.9 Arbovirus SGD | | **GENERAL PHARMACOLOGY REVISION TUTORIALS** | |
|  |  |  |  | **MI 6.1.17 Atypical** | **PA A 29 DOAP** | |  | |
|  |  |  |  | **mycobacterium** | **Male genital system**  **Specimen- Seminoma testis, Carcinoma penis** | |  | |
|  |  |  |  |  | **Slide-Seminoma testis, Benign prostatic** | |  | |
|  |  |  |  |  | **hyperplasia** | |  | |
| **27/10/21** | **WEDNESDAY** | POSTINGS | **PH 1.32 BRONCHIAL ASTHMA integrated with pathology, respiratory medicine L** | CM – SDL:  EPIDEMIOLOGY: Describe and demonstrate the application of computers in epidemiology. | **PH 4.2 Demonstrate the effects of drugs on blood pressure (vasopressor and vasodepressors with appropriate**  **blockers) using computer aided learning2 DOAP SGD A** |  |  | |
| **PA A 27.2- SGD Aneurysms including**  **aortic aneurysms PA27.3 Heart failure**  **PA27.10 Syphilis on the CVS** | |
| **28/10/21** | **THURSDAY** | POSTINGS | **PH 1.32 COPD integrated with pathology, respiratory medicine L** | IM4.3 Discuss and describe | **PH 4.2 Demonstrate the effects of drugs on blood pressure (vasopressor and vasodepressors with appropriate blockers) using computer aided learning1 DOAP SGD B**  **PA B 27.2- SGD Aneurysms including**  **aortic aneurysms** | |  | |
|  |  |  |  | the common causes, |
|  |  |  |  | pathophysiology and |
|  |  |  |  | manifestations of fever in |
|  |  |  |  | various regions in India |

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|  |  |  |  | including bacterial, parasitic and viralcauses(e.g Dengue,  chikungunya, Typhus) L | PA27.3 Heart failure PA27.10 Syphilis on the CVS |  |
| **29/10/21** | **FRIDAY** | POSTINGS | CM 13.2: 3. LIST the | **AETCOM Module 2.6** | MI 5.2.8 Rabies-2 SGD  MI 5.2.9 Arbovirus SGD |  |
|  |  |  | steps of | **Bioethics- Case studies on** |
|  |  |  | Epidemiological | **patient autonomy and** | **PA B 29 DOAP**  **Male genital system**  **Specimen- Seminoma testis, Carcinoma penis**  **Slide-Seminoma testis, Benign prostatic hyperplasia** |
|  |  |  | surveillance and disease | **decision making (refusal of** |
|  |  |  | control in disasters 4. | **care including do not** |
|  |  |  | Describe the role of | **resuscitate and withdrawl of** |
|  |  |  | disaster preparedness | **life support. Case** |
|  |  |  | and personal protection | **introduction- SGD** |
|  |  |  | in various disasters |  |
|  |  |  | CM 13.3: 1. LIST the |  |
|  |  |  | various manmade |  |
|  |  |  | disasters in the world |  |
|  |  |  | and in India 2. LIST the |  |
|  |  |  | responses in manmade |  |
|  |  |  | disasters |  |
|  |  |  | CM 13.4: 1. |  |
|  |  |  | DESCRIBE the role of |  |
|  |  |  | the National Disaster |  |
|  |  |  | Management Authority |  |
|  |  |  | in Disaster Management |  |
| **30/10/21** | **SATURDAY** | Clinical training and Skills | SURG-L Describe  clinical features, Diagnose type and extent of burns and plan appropriate treatment  discuss the medicolegal aspects in burn injuries. | OBG-L Classify, define and discuss etiology and management of abortions including threatened, incomplete, inevitable, missed and septic |  |  |
| **1/11/21** | **MONDAY** | Postings | **PA-L**  **PA26.5 Occupational lung disease** | MI 4.1.2 Tetanus L | **PH 1.8 DRUG INTERACTIONS SGD** | **PA-12.1 SDL**  **Disorders caused by air pollution** |
| **2/11/21** | **TUESDAY** | POSTINGS | **PA-L** | MI 4.2 Bone and joint | ,MIC-B Applied Exercises | **PH- ANS REVISION TUTORIALS** |

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|  |  |  | **PA26.6 Tumors of the lung and pleura** | infections (infective arthritis, osteomyelitis, implant associated infections) L | MI 2.5.1 Cerebral malaria  MI 6.1.3 Otitis Media(Proteus and Aspergillus) |  |
| **PA A 30 DOAP**  **Female genital system**  **Specimen-Leiomyoma, Carcinoma cervix, Benign Cystic Teratoma, Serous/Mucinous Cystadenoma. Hydatidiform mole (Optional).**  **Slides- Leiomyoma, Serous/Mucinous**  **Cystadenoma, Hydatidiform mole. Benign Cystic Teratoma (Optional)** |
| **4/11/21** | **THURSDAY** | POSTINGS | PH- FORMATIVE ASSESSMENT | IM4.4 pathophysiology and manifestations of inflammatory causes of fever L  IM4.5 pathophysiology and manifestations of malignant causes of fever including hematologic and lymph node  malignancies L | **PH 4.2 Demonstrate the effects of drugs on blood pressure (vasopressor and vasodepressors with appropriate blockers) using computer aided learning2 DOAP SGD B** |  |
| **PA A 27 Formative assessment- Cardiovascular system** |
| **5/11/21** | **FRIDAY** | POSTINGS | CM 18.1: 1. Define health 2. Define the concept of International health 3. Describe the concept of International health  CM 18.2: 1. Describe roles of various  international health agencies (WHO) | **AETCOM Module 2.6 Bioethics- Case studies on patient autonomy and decision making (refusal of care including do not resuscitate and withdrawl of life support- SGD** | MIC-A Applied Exercises MI 2.5.1 Cerebral malaria  MI 6.1.3 Otitis Media(Proteus and  Aspergillus) |  |
| **PA B 30 DOAP**  **Female genital system**  **Specimen-Leiomyoma, Carcinoma cervix, Benign Cystic Teratoma, Serous/Mucinous Cystadenoma. Hydatidiform mole (Optional).**  **Slides- Leiomyoma, Serous/Mucinous Cystadenoma, Hydatidiform mole.**  **Benign Cystic Teratoma (Optional)** |
| **6/11/21** | **SATURDAY** | Clinical training and Skills | SURG-L communicate and counsel patients and families on the  outcome and | OBG-L Describe the etiopathology, impact on maternal and fetal health and  principles of management of |  |  |

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|  |  |  | rehabilitation demonstrating empathy and care. | Hyperemesis Gravidarum |  |  |
| **8/11/21** | **MONDAY** | POSTINGS | **PA-L**  **PA26.7 Mesothelioma** | MI 8.1.1 Anthrax L | **PH 1.43 RATIONAL USE OF**  **ANTIMICROBIALS & ANTIBIOTIC STEWERDSHIP PROGRAM- SDL** | **PA-12.1 SDL**  **Disorders caused by tobacco and alcohol** |
| **9/11/21** | **TUESDAY** | POSTINGS | **PA-L28**  **28.1; normal histology of kidney**   * 1. **; glomerulo-nephritis.**   2. **; IgA**   **nephropathy** | MI 4.3.7 Diabetic foot ulcer and cellulitis L  Bacteriology of air water and milk | MIC-B  MI 1.2 Grams, ZN stain repetition, Stool – DOAP | **PH- CVS REVISION TUTORIALS** |
| **PA A 31 DOAP**  **Breast**  **Specimen- Fibroadenoma. Carcinoma breast (Optional)**  **Slide- Fibroadenoma. Carcinoma breast**  **(Optional)** |
| **10/11/21** | **WEDNESDAY** |  | **PH 1.43 Rational Use Of Antimicrobials & Antibiotic Stewerdship Program- SGD** | CM – SDL: OCCUPATIONAL  HEALTH: Enumerate and describe specific occupational health hazards, their risk factors and preventive measures. | **PH 4.2 Demonstrate the effects of drugs on blood pressure (vasopressor and vasodepressors with appropriate blockers) using computer aided learning3 DOAP SGD A** |  |
| **PA A 27 Formative assessment-**  **Cardiovascular system** |
| **11/11/21** | **THURSDAY** | POSTINGS | **PH 1.43 Rational Use of**  **Antimicrobials & Antibiotic Stewerdship Program- SGD** | IM4.6 Discuss and describe the pathophysiology and manifestations of malaria L | **PH 4.2 Demonstrate the effects of drugs on blood pressure (vasopressor and vasodepressors with appropriate blockers) using computer aided learning3 DOAP SGD B** |  |
| **12/11/21** | **FRIDAY** | POSTINGS | CM 18.2: 1. Describe roles of various  international health agencies  CM 18.2: 2. Explain the health work of bilateral health organization | **AETCOM Module 2.6 Bioethics- Case studies on patient autonomy and decision making (refusal of care including do not resuscitate and withdrawl of life support. Anchoring lecture- L** | MIC-A  MI 1.2 Grams, ZN stain repetition, Stool – DOAP |  |
| **PA B 31 DOAP**  **Breast**  **Specimen- Fibroadenoma. Carcinoma breast (Optional)**  **Slide- Fibroadenoma. Carcinoma breast** |

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| **13/11/21** | **SATURDAY** | Clinical training and Skills | SURG-L Describe types of injuries, clinical features ,  pathophysiology, post- mortem findings and medico – legal aspects in cases of   * Burns | OBG-L Enumerate and discuss the physiology of normal labour, |  |  |
| **15/11/21** | **MONDAY** | FM- SDL | **PA-L**   * 1. **Diseases of affecting the tubular-interstitium.**   2. **; Acute and chronic pyelonephritis and reflux**   **nephropathy.** | MI 5.1 Bacterial meningitis L MI 5.2.6 Viral Encephalitis (HSV, Nipah, Hendra) L | **PH 1.57 DRUGS USED IN SKIN DISORDERS INTEGRATION WITH DERMATOLOGY L** | **PA-32.5 SDL**  **Hyperparathyroidism** |
| **16/11/21** | **TUESDAY** | POSTINGS | **PA-L**  **28.7: Glomerular manifestations of systemic disease.**  **28.11: Vascular disease of kidney.**  **28.15:Thrombotic angiopathies** | MI 7.3 UTI  MI 7.2.5 Non gonococcal urethritis | MIC-B  Applied Exercises  MI 6.1 White patch in oral cavity MI 6.1..12 Influenza  MI 6.1.19 Pulmonary aspergillosis | **PH- CNS REVISION TUTORIALS** |
| **PA A 32 DOAP**  **Endocrine System**  **Specimen- Multinodular goitre, Papillary carcinoma**  **Slide- Multinodular goitre,**  **Hashimoto’s thyroiditis, Papillary carcinoma thyroid.** |
| **17/11/21** | **WEDNESDAY** | POSTINGS | **PH 1.55 National Health Programmes (Integration With Community Medicine) L** | CM CM - SDL: DISASTER  MANAGEMENT: Describe disaster management cycle | **PH 5.1 Communicate with the patient with empathy and ethics on all aspects of drug use (integration with General medicine) SGD A** |  |
| **PA A- 28.2,28.3,28.4(SGD)**  **Renal failure.**  **Acute renal failure –RFT.**  **Chronic renal failure** |

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| **18/11/21** | **THURSDAY** | POSTINGS | **PH 1.55 NATIONAL HEALTH PROGRAMMES (INTEGRATION WITH COMMUNITY MEDICINE) L** | IM4.22 pharmacology, indications, adverse reactions, interactions of antimalarial drugs and basis of resistance L  IM4.23drugs for malaria based on the species identified, prevalence of drug resistance and national  programs L | **PH 5.1 Communicate With The Patient With Empathy And Ethics On All Aspects of Drug Use (Integration With General Medicine) SGD B** |  |
| **PA B-28.12,28.13(SGD)**  **Cystic disease of kidney.**  **PA28.13 Obstructive uropathy** |
| **19/11/21** | **FRIDAY** | POSTINGS | INTEGRATION WITH DEPARTMENT OF PSYCHIATRY  CM 15.1: 1. To list the common mental health problems among the population 2. To classify psychiatric  ailments- Common  Mental Health Disorders (CMDs) and Severe Mental Health Disorders (SMDs) | **AETCOM Module 2.6 Bioethics- Case studies on patient autonomy and decision making (refusal of care including do not resuscitate and withdrawl of life support. Case resolution with formative assessment- SGD** | MIC-A  Applied Exercises  MI 6.1 White patch in oral cavity MI 6.1..12 Influenza  MI 6.1.19 Pulmonary aspergillosis |  |
| **PA B 32 DOAP**  **Endocrine System**  **Specimen- Multinodular goitre, Papillary carcinoma**  **Slide- Multinodular goitre, Hashimoto’s thyroiditis, Papillary carcinoma thyroid.** |
| **20/11/21** | **SATURDAY** | Clinical training and Skills | SURG-L Describe normal wound heatling and factors affecting healing  Elicit, document and present a history in a patient presenting with  wounds | OBG-L mechanism of labour in occipito anterior presentation, |  |  |
| **22/11/21** | **MONDAY** | POSTINGS | **PA-L**  **28.14: Renal tumors.** | MI 5.2.7 Viral encephalitis (Polio & Brain abscess) L | **PH 1.62 ANTISEPTIC & DISINFECTANTS SDL** | **PA-28.16 SDL**  **Urothelial tumors.** |
| **23/11/21** | **TUESDAY** | POSTINGS | **PA-L**  **30.1: Carcinoma of the cervix.**  **30.6: Cervicitis.** | MI 5.2.10 Aseptic meningitis, parasitic and fungal infections of CNS L | MIC-B  Applied Exercises  MI 6.1 Pneumonia (CAP, HAP, VAP)  MI 7.2 STI (Ulcerative lesions in | **PH- CNS REVISION TUTORIALS** |

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|  |  |  |  |  | external genitalia, discharge per vagina) MI 7.3.11 CAUTI |  |
| **PA A 33 DOAP**  **Bone tumors**  **Specimen- Osteoclastoma, Osteosarcoma Slide- Osteoclastoma. Osteosarcoma**  **(Optional)** |
| **24/11/21** | **WEDNESDAY** | POSTINGS | **PH 1.63 Describe Drug Regulations, Acts & Other Legal Aspects L** | CM - SDL: DISASTER  MANAGEMENT: Describe man – made disasters in the World and in India | **PH 5.2 Communicate with the patient regarding optimal use of Drug therapy, Devices & Storage 1 SGD A** |  |
| **PA A-28.12,28.13(SGD)**  **Cystic disease of kidney.**  **PA28.13 Obstructive uropathy** |
| **25/11/21** | **THURSDAY** | POSTINGS | **PANDEMIC MODULE**  **2.5 L** | IM4.7 Discuss and describe the pathophysiology and manifestations of the sepsis syndrome L | **PH 5.2 Communicate with the patient regarding optimal use of Drug therapy, Devices & Storage 1 SGD B** |  |
| **PA B 28 Formative assessment- Urinary System** |
| **26/11/21** | **FRIDAY** | POSTINGS | INTEGRATION WITH DEPARTMENT OF PSYCHIATRY  CM 15.2: 1. To  understand the factors that contribute to the burden of the mental health problems among women in the rural areas 2. To describe the warning signs of mental health.  CM 15.3: 1. To be able to state the roles and the functions of community health workers in a rural mental health programme | AETCOM WHAT DOES IT MEAN TO BE A FAMILY MEMBER OF A SICK PATIENT | MIC-B  Applied Exercises  MI 6.1 Pneumonia (CAP, HAP, VAP)  MI 7.2 STI (Ulcerative lesions in external genitalia, discharge per vagina)  MI 7.3.11 CAUTI |  |
| **PA B 33 DOAP**  **Bone tumors**  **Specimen- Osteoclastoma, Osteosarcoma Slide- Osteoclastoma. Osteosarcoma**  **(Optional)** |

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| **27/11/21** | **SATURDAY** | Clinical training and Skills | SURG-L Differentiate the various types of wounds, plan and observe management of wounds | OBG-L monitoring of labour including partogram, conduct of labour, |  |  |
| **29/11/21** | **MONDAY** | POSTINGS | **PA-L**  **30.2: carcinoma of the endometrium.**   * 1. **: Endometriosis.**   2. **: Adenomyosis.**   3. **Endometrial hyperplasia** | MI 4.3.3 Congenital infections (TORCH) L | **PANDEMIC MODULE 2.5 SGD** | . **PA-33.4 ,33.5SDL**  **Paget's disease of the bone. Rheumatoid arthritis** |
| **30/11/21** | **TUESDAY** | POSTINGS | **PA-L**  **30.4: Gestational trophoblastic neoplasms** | MI 8.2  Organisms with oncogenic potential (HPV, HTLV, Kaposi’s sarcoma) L | MIC-B  Applied Exercises  MI 8.1 FUO (Brucellosis, leptospirosis and typhus fever)  MI 8.16 Dengue and Chikungunya | PH- Hormones Revision Tutorials |
| **PA B 35 DOAP**  **Central nervous system Charts- Interpretation of CSF**  **findings in various meningitis.** |
| **1/12/21** | **WEDNESDAY** | POSTINGS | **PH 5.2 Communicate with the patient regarding**  **optimal use of Drug therapy, Devices &Storage 2 SGD** | CM – SDL: ENVIRONMENTAL  HEALTH: Describe the health hazards of air, water, noise, radiation and  pollution. | **PH 5.3 Motivate patients with chronic diseases to adhere to the prescribed management by health care provider 1 SGD A** |  |
| **PA A 28 Formative assessment- Urinary System**  **.** |
| **2/12/21** | **THURSDAY** | POSTINGS | **PH 5.2 Communicate with the patient regarding**  **optimal use of Drug therapy, Devices &Storage 3 SGD** | IM4.8 pathophysiology, aetiology and clinical manifestations of fever of unknown origin (FUO) including in a normal host, neutropenic host, nosocomial host and a host with HIV  disease L | **PH 5.3 Motivate patients with chronic diseases to adhere to the prescribed management by health care provider 1 SGD B** |  |
| **PA A Formative assessment**  **Skin, Bone, CNS, Lymph Node** |
| **3/12/21** | **FRIDAY** | POSTINGS | INTEGRATION WITH  DEPARTMENT OF | AETCOM WHAT DOES IT  MEAN TO BE A FAMILY | MIC-A  Applied Exercises |  |

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|  |  |  | MICROBIOLOGY  CM 19.1: 1. Define NLEM 2. State the rationale for NLEM 3. Name atleast10 categories of drugs under NLEM 4. List 5  potential uses of NLEM | MEMBER OF A SICK PATIENT | MI 8.1 FUO (Brucellosis, leptospirosis and typhus fever)  MI 8.16 Dengue and Chikungunya |  |
| **PA B 35 DOAP**  **Central nervous system Charts- Interpretation of CSF**  **findings in various meningitis.** |
| **4/12/21** | **SATURDAY** | Clinical training and Skills | SURG-L Discuss medicolegal aspects of wounds  Define and describe the process of repair and regeneration including wound healing and its types | OBG-L pain relief, principles of induction and acceleration of labour. |  |  |
| **6/12/21** | **MONDAY** | POSTINGS | AITO PA 32.4 L Diabetes mellitus | MI 8.2 Opportunistic infections (Viral, fungal,  parasitic) L | **AITO PH 1.36 DRUGS USED IN DIABETES MELLITUS L** | **PA-32.6 SDL**  **Pancreatic cancer** |
| **7/12/21** | **TUESDAY** | POSTINGS | **.**  PA L 32.1 Thyroid swellings with Thyroid neoplasms | MI 8.4 Emerging infectious diseases. BioterrorismL | **PRACTICALS** | **PH- CHEMOTHERAPY REVISION TUTORIALS** |
| **PA A DOAP**  **Revision of Slides/Specimen/Charts** |
| **8/12/21** | **WEDNESDAY** | POSTINGS | **PH 1.36 DRUGS USED IN OSTEOPOROSIS L** | CM – SDL: ENVIRONMENTAL  HEALTH: Describe the mode of action, application cycle of commonly used  insecticides and rodenticides. | **PH 5.3 Motivate patients with chronic diseases to adhere to the prescribed management by health care provider2**  **SGD A** |  |
| AITO PA32.2 Thyrotoxicosis PA32.3 Thyrotoxicosis/hypothyroidism with Thyroid function test |
| **9/12/21** | **THURSDAY** | POSTINGS | AITO PH 1.36 ANTI THYROID DRUGS L | IM4.16 Enumerate the indications and describe the findings in tests of inflammation and specific rheumatologic tests,  serologic testing for | **PH 5.3 Motivate patients with chronic diseases to adhere to the prescribed management by health care provider2 SGD B** |  |
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|  |  |  |  | pathogens including HIV, bone marrow aspiration and  biopsy L |  |  |
| **10/12/21** | **FRIDAY** |  | INTEGRATION WITH DEPARTMENT OF MICROBIOLOGY  CM 3.6: Describe the role of vectors in the causation of diseases. Also discuss National Vector Borne Disease Control Program  CM 3.7: Identify and describe the identifying features and life cycles of vectors of Public Health importance and their control measures | AETCOM WHAT DOES IT MEAN TO BE A FAMILY MEMBER OF A SICK PATIENT | **PA B DOAP**  **Revision of Slides/Specimen/Charts** |  |
| **11/12/21** | **SATURDAY** | Clinical training and Skills | SURG-L Define and describe the aetiology and pathogensis of surgical infections | OBG-L Management of third stage of labour |  |  |
| **13/12/21** | **MONDAY** | POSTINGS | **PA 33.1 L Osteomyelitis**  **.** | MI 8.5 HAI Seminar SDL | **PH 5.4 Explain to the patient the relationship between cost of treatment and patient compliance SGD** | **PA-32.7,32.8 32.9 SDL**  **Adrenal insufficiency Cushing's syndrome Adrenal neoplasms.** |
| **14/12/21** | **TUESDAY** | POSTINGS | **PA33.2 Bone tumors** | MI 8.6, MI 8.10 Pandemic Management SDL (MI 8.7 & MI 8.9 is the last practical class) | ,MIC-B OSPE  MI 8.9 Collection of peripheral venous blood for culture  MI 8.9 Collection of wound swab and pus sample  MI 8.9 Collection of throat swab and nasopharangeal swab in simulated situation | **PH- CHEMOTHERAPY REVISION TUTORIALS** |

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|  |  |  |  |  | MI 8.9 Instruct sample collection procedure (urine, sputum and stool for  culure)  MI 8.2 Skin scraping, Hair clippings and nail samples- Collection, procedure independently a simulated setting |  |
| **PA A DOAP**  **Revision of Slides/Specimen/Charts** |
| **15/12/21** | **WEDNESDAY** | POSTINGS | **PH 5.5 Demonstrate an understanding of the caution in prescribing drugs likely to produce dependence and recommend the line of management (integrate with**  **Psychiatry) L** | CM – SDL: MENTAL  HEALTH: Describe warning signals of mental health disorder. | **PH 5.5 Demonstrate an understanding of the caution in prescribing drugs likely to produce dependence and recommend the line of management (integrate with Psychiatry) SGD A** |  |
| **PA A 33.3 SGD Soft tissue tumors** |
| **16/12/21** | **THURSDAY** | POSTINGS | **PH 5.5 Demonstrate an understanding of the caution in prescribing drugs likely to produce dependence and recommend the line of management (integrate with**  **Psychiatry) L** | IM25.1 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) L | **PH 5.5 Demonstrate an understanding of the caution in prescribing drugs likely to produce dependence and recommend the line of management (integrate with Psychiatry) SGD B** |  |
| **PA B 33.3 SGD**  **Soft tissue tumors** |
| **17/12/21** | **FRIDAY** | POSTINGS | INTEGRATION WITH | AETCOM WHAT DOES IT | ,MIC-B OSPE  MI 8.9 Collection of peripheral venous blood for culture  MI 8.9 Collection of wound swab and pus sample  MI 8.9 Collection of throat swab and nasopharangeal swab in simulated situation  MI 8.9 Instruct sample collection procedure (urine, sputum and stool for  culure) |  |
|  |  |  | DEPARTMENT OF | MEAN TO BE A FAMILY |
|  |  |  | PHARMACOLOGY | MEMBER OF A SICK |
|  |  |  | CM 3.8: Describe the | PATIENT |
|  |  |  | mode of action, |  |
|  |  |  | application cycle of |  |
|  |  |  | commonly used |  |
|  |  |  | insecticides and |  |
|  |  |  | rodenticides L |  |

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|  |  |  |  |  | MI 8.2 Skin scraping, Hair clippings and nail samples- Collection, procedure independently a simulated setting |  |
| **PA B DOAP**  **Revision of Slides/Specimen/Charts** |
| **18/12/21** | **SATURDAY** | Clinical training and Skills | SURG-L Enumerate Prophylactic and therapeutic antibiotics plan appropriate management | OBG-L Describe and discuss physiology of puerperium, complications, diagnosis and management, counseling for contraception and puerperal sterilization |  |  |
| **20/12/21** | **MONDAY** | POSTINGS | **PA-L**  **29.1:Testicular tumors. 29.2: Carcinoma of**  **penis-.** | BMW-L | **PH 5.6- Demonstrate ability to educate public & patients about various aspects of drug use including drug dependence and OTC drugs (integrate with Psychiatry) SGD** | **PA-32.9 SDL**  **Study on Corona Virus** |
| **21/12/21** | **TUESDAY** | POSTINGS | **PA-L**  **29.3: Benign prostatic hyperplasia.** | Immunoprophylaxis rabies/ respiratory infections-L | PA- A,MIC-B  MI 8.6 Segregate BMW as per BMW 2016 rules (OSPE)  MI 8.7 Hand Hygiene and selection, Donning and Doffing of PPE for given 3 situations | PH RESPIRATORY SYSTEM, GIT, BLOOD & AUTACOIDS REVISION  TUTORIALS |
|  |  |  | **29.4: Carcinoma of prostate.** |  |  |
|  |  |  | **29.5: Prostatitis.** |  |  |
|  |  |  | **.** |  |  |
| **PA A DOAP**  **Revision of Slides/Specimen/Charts** |
| **22/12/21** | **WEDNESDAY** | POSTINGS | **PH 5.7 Demonstrate** | CM – SDL: ESSENTAIL | **PH 5.6- Demonstrate ability to educate public & patients about various aspects of drug use including drug dependence and OTC drugs (integrate with Psychiatry) SGD A Psychiatry) SGD A** |  |
|  |  |  | **an understanding of** | MEDICINES: Describe roles |
|  |  |  | **the legal and ethical** | of essential medicine in |
|  |  |  | **aspects of prescribing** | primary health care. | **PA 32 Formative assessment- Endocrine System** |  |
|  |  |  | **drugs (integrate with** |  |
|  |  |  | **Forensic Medicine) L** |  |
| **23/12/21** | **THURSDAY** | POSTINGS | **PH 5.7 Demonstrate an understanding of the legal and ethical** | IM25.2 IM25.3  zoonotic and non febrile infectious diseases L | **PH 5.6- Demonstrate ability to educate public & patients about various aspects of drug use including drug dependence and** |  |

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|  |  |  | **aspects of prescribing drugs (integrate with Forensic Medicine) L** | IM25.8 Enumerate the indications for use of newer techniques in the diagnosis  of these infections L | | **OTC drugs (integrate with Psychiatry) SGD B** | |  |
| **24/12/21** | **FRIDAY** | POSTINGS | INTEGRATION WITH DEPARTMENT OF PEDIATRICS  CM 5.6: Enumerate and discuss the National Nutrition Policy,  important national nutritional Programs including the Integrated Child Development  Services Scheme (ICDS) etc. | AETCOM WHAT DOES IT MEAN TO BE A FAMILY MEMBER OF A SICK PATIENT | | PA- A,MIC-B  MI 8.6 Segregate BMW as per BMW 2016 rules (OSPE)  MI 8.7 Hand Hygiene and selection, Donning and Doffing of PPE for given 3 situations | |  |
| **PA B DOAP**  **Revision of Slides/Specimen/Charts** | |
| **3 RD THEORY INTERNAL ASSESSMENT (FORMATIVE ASSESSMENT)** | | | | | | | |  |
| **DATE** | **DAY** | **TIME** | **SUBJECT** | | **MAX MARKS** | | |  |
| **27/12/21** | **MONDAY** | 10AM-1PM | PATHOLOGY | | **100** | | |  |
| **28/12/21** | **TUESDAY** | 10AM-1PM | MICROBIOLOGY | | **100** | | |  |
| **29/12/21** | **WEDNESDAY** | 10AM-1PM | PHARMACOLOGY | | **100** | | |  |
| **30/12/21** | **THURSDAY** | 10AM-1PM | FORENSIC MEDICINE | | **100** | | |  |
| **31/12/21** | **FRIDAY** | 10AM-1PM | COMMUNITY MEDICINE | | **100** | | |  |
| **01/01/22** | **SATURDAY** | 10AM-1PM | SURGERY | | **100** | | |  |
| **03/01/22** | **MONDAY** | 10AM-1PM | MEDICINE | | **100** | | |  |
| **04/01/22** | **TUESDAY** | 10AM-1PM | OBG | | **100** | | |  |
| **2 nd PRACTICAL INTERNAL ASSESSMENT (FORMATIVE ASSESSMENT)** | | | | | | | |  |
| **DATE** | **DAY** | **TIME** | **SUBJECT** | | **BATCH** | | **MAX**  **MARKS** |  |
| **05/01/22** | **WEDNESDAY** | 10AM-1PM | PATHOLOGY | | **A** | | **80** |  |
| MICROBIOLOGY | | **B** | |  |
| PHARMACOLOGY | | **C** | |  |
| FORENSIC MEDICINE | | **D** | |  |

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| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | COMMUNITY MEDICINE | **E** |  |  |
| **06/01/22** | **THURSDAY** | 10AM-1PM | PATHOLOGY | **B** | **80** |  |
| MICROBIOLOGY | **C** |  |
| PHARMACOLOGY | **D** |  |
| FORENSIC MEDICINE | **A** |  |
| COMMUNITY MEDICINE | **E** |  |
| **07/01/22** | **FRIDAY** | 10AM-1PM | PATHOLOGY | **C** | **80** |  |
| MICROBIOLOGY | **D** |  |
| PHARMACOLOGY | **E** |  |
| FORENSIC MEDICINE | **A** |  |
| COMMUNITY MEDICINE | **B** |  |
| **08/01/22** | **SATURDAY** | 10AM-1PM | PATHOLOGY | **D** | **80** |  |
| MICROBIOLOGY | **E** |  |
| PHARMACOLOGY | **A** |  |
| FORENSIC MEDICINE | **B** |  |
| COMMUNITY MEDICINE | **C** |  |
| **10/01/22** | **MONDAY** | 10AM-1PM | PATHOLOGY | **E** | **80** |  |
| MICROBIOLOGY | **A** |  |
| PHARMACOLOGY | **B** |  |
| FORENSIC MEDICINE | **C** |  |
| COMMUNITY MEDICINE | **D** |  |
| 11/01/2022 | TUESDAY | FEEDBACK TO STUDENTS | | | | |

PHARMACOLOGY

PATHOLOGY

INTEGRATION TOPICS

AITO TOPICS

FORMATIVE ASSESSMENT

FEED

FEEDBACK TO STUDENTS