

# SDM COLLEGE OF MEDICAL SCIENCES AND HOSPITAL

### **DHARWAD-580009**

A constituent college of



## **MBBS PHASE II**

Timetable for the year 2021-2022

In accordance with NMC CBME Guidelines

## **CONTENTS:**

| SI No | Content                                 | Page No |
|-------|---|---------|
| 1     | Timetable for MBBS phase II             | 2       |
| 2     | Temporal alignment                      | 3       |
| 3     | Alignment and Integration Topics        | 4       |
| 4     | Vertical integration topics             | 5       |
| 5     | AETCOM Modules                          | 6       |
| 6     | Total number of Teaching hours          | 7       |
| 7     | Abbreviations                           | 8       |
| 8     | Weekly timetable from Week 1 to Week 11 | 9       |

#### GENERAL WEEKLY TIMETABLE FOR MBBS Phase -II

|                 |                                |                  |                               |                                  | MBBS Master                 | Time table |            |   |                             |            |  |
|-----------------|--------------------------------|------------------|-------------------------------|----------------------------------|-----------------------------|------------|------------|---|-----------------------------|------------|--|
| Time            | Monday                         | Tuesday          | Wednesday                     | Thursday                         | Friday                      |            |            | Saturday                                  |                             |            |  |
| Tillie          | ivioliday                      | Tuesday          | vveuriesuay                   | Titursuay                        | riluay                      | l          | II         | III                                       | IV                          | V          |  |
| 8-9am           | Med (L)                        | ObG (L)          | Surg (L)                      | FM (L)                           | Sports                      | Sports     | Sports     | Sports                                    | Sports                      | Sports     |  |
| 9- 10am         | Micro (L)                      | Path (L)         | Pharm (L)                     | CM(L)                            | Micro(L)                    | Path SDL   | Micro SDL  | Pharm SDL                                 | CM/FM SDL                   | Micro SGT  |  |
| 10am-           | Clinical                       | Clinical         | Clinical                      | Clinical                         | Clinical                    | Path       | Micro      | Pharm                                     | CM/FM                       | Wilero 3G1 |  |
| 1pm             | Posting                        | Posting          | Posting                       | Posting                          | Posting                     | AETCOM/SGT | AETCOM/SGT | AETCOM/SGT                                | AETCOM/SGT                  |            |  |
| 1- 2pm          |                                |                  |                               |                                  |                             | Lunch      |            |   |                             |            |  |
| 2pm-3pm         | Path (L)                       | Pharm (L)        | Pharm (L)                     | Micro (L)                        | Path (L)                    |            |            |   |                             |            |  |
|                 | B Batch Path A Batch<br>Path   | ch Path A Batch  |                               |                                  | A Batch<br>CM<br>Wk I & III |            |            |   |                             |            |  |
| 2000            |                                | Micro            |                               | B Batch FM<br>Wk I & III         | Pharm                       | Path       | Micro      | CM/FM                                     | Micro SGT                   |            |  |
| 3pm -<br>4.30pm | A Batch B Batch<br>Pharm Pharm | B Batch          | B Batch Pharm<br>Wk I & Wk II | A Batch<br>Pharm<br>Wk I & Wk II | B Batch<br>CM<br>Wk II & IV | AETCOM/SGT | AETCOM/SGT | AETCOM/SGT AETCOM/SGT                     | AETCOM/SGT                  | AETCOM/SGT |  |
|                 |                                | Pharm            |                               | A Batch Path<br>Wk III & Wk IV   | A Batch<br>FM<br>Wk II & IV |            |            |   |                             |            |  |
|                 |                                | gy- PH<br>y – MI |                               |                                  |                             |            |            | roup discussion se<br>titude, Ethics, Con | essions<br>nmunication modu | les        |  |

#### TEMPORAL ALIGNMENT FOR Phase –II:

| SI No | Block No | Week No | System                                | Topics  |
|-------|----------|---------|---------------------------------------|---|
| 1     | 1        | 1-5     | General Concepts                      | General Pharmacology, General Pathology & General Microbiology      |
| 2     | 2        | 6-9     | ANS & non-aligned topics              | Drugs acting on ANS, RB Disorders                                   |
| 3     | 3        | 7-11    | Immunology                            | Immunity- components, antigen-antibody reactions, hypersensitivity, |
|       |          |         |                                       | immunomodulators  |
| 4     | 4        |         | I st Internal assessment              |   |
| 5     | 5        |         | Blood and Cardiovascular system       |   |
| 6     | 6        |         | GIT and Hepatobiliary system          |   |
| 7     | 7        |         | CNS                                   |   |
| 8     |          |         | II nd Internal Assessment             |   |
| 9     | 8        |         | Respiratory system                    |   |
| 10    | 9        |         | Hormones/ STIs/Genito Urinary         |   |
|       |          |         | system                                |   |
| 11    | 10       |         | Skin, soft tissue and musculoskeletal |   |
|       |          |         | system                                |   |
| 12    | 11       |         | Chemotherapy and miscellaneous        |   |
| 13    |          |         | III rd Internal Assessment            |   |

#### ALIGNMENT AND INTEGRATION (AITo) TOPICS

| SI No | Week No | Topic             | Horizontal Integration                | Vertical integration                     |
|-------|---------|-------------------|---------------------------------------|--|
| 1     |         | Anaemia           | Pathology, Pharmacology, Microbiology | Physiology, Gen. Medicine, OBG           |
| 2     |         | Hepatitis         | Pathology, Microbiology,              | Anatomy, Biochemistry, Gen. Surgery      |
| 3     |         | Diabetes Mellitus | Pharmacology, Pathology               | Biochemistry, Gen. Medicine, OBG         |
| 4     |         | Tuberculosis      | Pathology, Pharmacology, Microbiology | Gen. Medicine, Pulmonology, Paediatrics, |
| 5     |         | Cancer            | Pathology, Pharmacology               | Gen. Surgery, OBG, ENT                   |
| 6     |         | HIV               | Pathology, Pharmacology, Microbiology | Gen. Medicine, Gen. Surgery, Dermatology |

**VERTICAL INTEGRATION TOPICS** (Either staff from other phases are involved in teaching or SLOs pertaining to the topic are prepared in coordination with the concerned department of other phases)

|          | Pharmacology  |                      |          | Pathology  |   |          | Microbiology                         |  |
|----------|---|----------------------|----------|--|---|----------|--------------------------------------|--|
| SI<br>No | Topic   | Vertical Integration | SI<br>No | Topic  | Vertical<br>Integration                       | SI<br>No | Topic                                | Vertical<br>Integration                    |
| 1.       | Neuromuscular blockers  | Physiology           | 1        | An approach to Anemias   | Gen.Medicine,<br>Biochemistry                 | 1        | Immunoprophylaxis                    | Paediatrics                                |
| 2.       | Essential Medicine concept  | Community Medicine   | 2        | Inflammation, Healing, Edema, Shock  | Gen Medicine,<br>Gen Surgery                  | 2        | Malaria                              | General Medicine                           |
| 3.       | Principles and treatment of drug overdose   | Forensic Medicine    | 3        | Immunopathology  | Microbiology                                  | 3        | Tuberculosis                         | Pulmonary<br>Medicine                      |
| 4.       | Drug therapy of Leprosy   | Dermatology          | 4        | Air pollution, PCM, Obesity  | Biochemistry, Paediatrics, Community med      | 4        | Hospital acquired infection          | General Medicine                           |
| 5.       | Dermatological Adverse drug reactions   | Dermatology          | 5        | Infection & Infestation, Malaria,<br>cysticercosis, leprosybacterial,<br>viral, protozoal            | Gen.Medicine,<br>Microbiology                 | 5        | HIV                                  | General Medicine                           |
| 6.       | Drug therapy of skin lesions in<br>STDs, HIV and other viral,<br>bacterial and fungal<br>infections | Dermatology          | 6        | Jaundice, Viral hepatitis, ALD,<br>Cirrhosis, portal hypertension                                    | Gen.Medicine,<br>Gen.Surgery                  | 6        | Gastrointestinal infective syndromes | General<br>Medicine/Paedia<br>trics        |
| 7.       | General Anesthesia  | Anesthesiology       | 7        | Pneumonia, Lung abscess,<br>Bronchiectasis, lung tumours,<br>Mesothelioma                            | Microbiology,<br>Gen.Medicine                 | 7        | Leprosy                              | Dermatology,<br>Venereology and<br>Leprosy |
| 8.       | Local Anesthesia and management of pain   | Anesthesiology       | 8        | Heart failure (Acute & chronic), Abnormalities in cardiac, function testing in acute coronary system | Gen.Medicine,<br>Physiology, Gen<br>Medicine. | 8        | Acute pyogenic meningitis            | General Medicine                           |
| 9.       | Drug therapy of mental illnesses  | Psychiatry           | 9        |  |   | 9        | Emerging and Re-emerging infections  | Community<br>Medicine                      |
| 10.      | Drug therapy of obesity   | General Medicine     |          |  |   | 10       | Sexually transmitted infections      | OBG  |
| 11.      | Drug therapy of Anemia  | General Medicine     |          |  |   |          |                                      |  |
| 12.      | Hepatotoxic drugs   | General Medicine     |          |  |   |          |                                      |  |
| 13.      | Drugs used in Peptic Ulcer, diarrhoea   | General Medicine     |          |  |   |          |                                      |  |
| 14.      | Immunosuppressive therapy   | General Surgery      |          |  |   |          |                                      |  |
| 15.      | Drug treatment of<br>Tuberculosis   | Respiratory Medicine |          |  |   |          |                                      |  |

#### **AETCOM MODULES FOR MBBS PHASE-II:**

| SI No | AETCOM<br>Module No | Topic  | Co-ordinating Department | Teaching Learning Method                  | No of Hours<br>(includes<br>SDL Hours) |
|-------|---------------------|--|--------------------------|---|--|
| 1     | 2.1                 | The foundations of communication - 2   | OBS & GYN                | Lecture/SGD /Skill lab/ Role play/ SDL    | 5 (1+2+2)                              |
| 2     | 2.2                 | The foundations of bioethics   | Pharmacology             | Lecture/SGD                               | 2                                      |
| 3     | 2.3                 | Health care as a right   | Microbiology             | Lecture/SGD                               | 2                                      |
| 4     | 2.4                 | Working in a health care team  | Community Medicine       | Lecture/SGD /Visit to PHC/ Role play/ SDL | 6 (4+2)                                |
| 5     | 2.5                 | Bioethics continued – Case<br>studies on patient autonomy and<br>decision making | Pathology                | Lecture/SGD/Demonstration                 | 6 (1+1+2+1+1)                          |
| 6     | 2.6                 | Bioethics continued: Case studies on autonomy and decision making                | Forensic Medicine        | Lecture/SGD / Role play/ SDL              | 5 (1+2+1+1)                            |
| 7     | 2.7                 | Bioethics continued: Case studies on autonomy and decision making                | General Medicine         | Lecture/SGD / Role play/ SDL              | 5 (1+2+1+1)                            |
| 8     | 2.8                 | What does it mean to be family member of a sick patient?                         | General Surgery          | Lecture/SGD / Role play/ SDL              | 6 (1+1+2+1+1)                          |

#### **TOTAL NUMBERS OF TEACHING HOURS**

| Subjects   | Lectures | SGT- Practical/tutorials/<br>seminars/case based<br>teaching)/AETCOM / AITo | SDL | Clinical<br>posting | Total |
|--|----------|---|-----|---------------------|-------|
| Duration (hours)   |          |   |     |                     |       |
| Pharmacology   | 80       | 138   | 12  | -                   | 230   |
| Pathology  | 80       | 138   | 12  | -                   | 230   |
| Microbiology   | 70       | 110   | 10  | -                   | 190   |
| Forensic Medicine  | 15       | 30  | 5   | -                   | 50    |
| Community Medicine   | 20       | 30  | 10  | 60                  | 120   |
| General Medicine   | 75       | -   | -   | 60                  | 135   |
| General Surgery  | 75       | -   | -   | 60                  | 135   |
| OBG  | 75       | -   | -   | 60                  | 135   |
| ENT, Ophthalmology   | -        | -   | -   | 60X2                | 120   |
| Paediatrics, Orthopaedics, Dermatology, Psychiatry, Respiratory Medicine, Radio diagnosis, | -        | -   | -   | 30 X 6              | 180   |
| AETCOM   | -        | 29  | 8   | -                   | 37    |
| Sports & Extracurricular   |          |   |     |                     | 28    |

#### ABBREVIATIONS/SYMBOLS USED:

| PH – Pharmacology       | CT- Chest &TB    |
|-------------------------|------------------|
| PA – Pathology          | AS- Anaesthesia  |
| MI – Microbiology       | OP-Ophthalmology |
| CM – Community Medicine | PS-Psychiatry    |

**OR** -Orthopaedics PA – Pathology **PH- Pharmacology SU-Surgery IM** – Internal Medicine **DE- Dentistry DR- Dermatology** 

OG – OBG

PE - Paediatrics

**EN- Otorhinolaryngology** 

L - Lectures

SGD - Small group discussion

HI - Horizontal Integration

VI - Vertical Integration

- **Self-directed learning**
- **AETCOM** module
- Temporal coordination (Alignment) of topics (AITo)
- Integration Nesting (VI)
- integration Sharing (HI)
- Vertical Integration by staff from other phase (VI)
- Vacations/Holiday
- Assessments (DOAP/Skill acquisition/certification/other)

| TIME TABLE F | OR WEEK 1: TOPIC – General Co | oncepts of Pathology, Pharmaco                                | logy and Microbiology<br>Week 1 (1st Feb                                  | – 5th Feb 2022 )  |  |  |
|--------------|-------------------------------|---|---|---|--|--|
| Time         | Monday                        | Tuesday   | Wednesday   | Thursday  | Friday   | 1 <sup>st</sup> Saturday   |
| 8-9am        |                               | Demography & statistics.OG 1.1,1.2,1.3                        | Metabolic response to injury (SU 1.1, SU 1.2 & SU 1.3)                    | FM (L)  |  | Sports   |
| 9- 10am      |                               | Path (L) PA 13.1<br>(Introduction to<br>haematology)          | Pharm (L) Routes of DA-1 PH1.11   | CM(L)   | Micro(SGD) Microscopy MI 1.1                         | Path SDL SDL-1)PA 12.1 (Environment and habits)                        |
| 10a<br>m-1pm |                               | Clinical Posting  | Clinical Posting  | Clinical Posting  | Clinical Posting                                     | Path /SGT (SGT-1) PA 2.6<br>(Cell adaptations)                         |
| 1- 2pm       |                               |   |   | Lunch   |  |  |
| 2pm-3pm      |                               | Pharm (L) Intro & Drug<br>sources PH1.1, 1.9                  | Pharm (L)<br>Routes of DA-2 PH1.11  | Micro (L) Overview of bacterial infections and Bacterial Taxonomy MI 1.1  | Path (L) PA-2.1 (Cell injury-1)                      |  |
| 3pm -        |                               | A Batch Path(Introduction to sections, Hematopoiesis) PA 9.11 | Micro(SGD) A Batch<br>Role of Microbiologist<br>Micro(P)Microscopy MI 1.2 | Micro(SGD) B Batch<br>Role of Microbiologist<br>Micro(P)Microscopy MI 1.2 | A Batch CM<br>Wk I & III<br>B Batch FM<br>Wk I & III | Pharm SGT Oral dosage<br>forms (Liquids) PH 2.1, PH<br>1.3 A & B Batch |
| 4.30pm       |                               | B Batch Preface to Prac.<br>Pharm                             | B Batch Pharm Intro Pharmacy,<br>Prescription writing PH1.10              | A Batch Pharm Intro Pharmacy,<br>Prescription writing PH1.10              | B Batch CM<br>Wk II & IV<br>A Batch FM<br>Wk II & IV |  |
|              |                               |   |   |   |  |  |

| TIME TABLE      | IE TABLE FOR WEEK 2: TOPIC – General Concepts of Pathology, Pharmacology and Microbiology  Week 2 (7 <sup>th</sup> Feb - 12th Feb 2022) |  |   |  |  |  |  |  |  |
|-----------------|---|--|---|--|--|--|--|--|--|
| Time            | Monday  | Tuesday  | Wednesday   | Thursday   | Friday                                     | 2 <sup>nd</sup> Saturday   |  |  |  |
| 8-9am           | Confidentiality, conflicts of interest, medical errors IM26.10 26.22 26.34 26.33,   | Anat of female reproductivetract. OG2.1            | Nutrition and fluid<br>1(SU12.1,SU12.2 &<br>SU12.3) | FM (L)   | Sport                                      | s  |  |  |  |
| 9- 10am         | MI 1.1 Micro (L) Introduction & History MI 1.   | Path (L) PA 13.3<br>(Anemia-defn)+IM               | Pharm (L) PK-II<br>PH1.4                            | CM(L)  | Micro (SDL) Physiology of Bacteria: MI 1.1 | Micro (P) A Batch9.00-11.00<br>am.Morphology, Types of Stains MI<br>1.1  |  |  |  |
| 10am-<br>1pm    | Clinical Posting  | Clinical Posting                                   | Clinical Posting                                    | Clinical<br>Posting  | Clinical Posting                           | Micro (SGD): 11.00-12.00 pm<br>Specimen C&T: MI 8.9: A,B -Batch<br>Micro (P): 12.00-1.00 pm<br>Specimen C&T: MI 8.10.: A,B Batch |  |  |  |
| 1- 2pm          |   |  |   | Lunch  |  |  |  |  |  |
| 2pm-3pm         | Path (L) ) PA 2.2(Cell injury-2)  | Pharm (L) PK – I<br>PH1.4 —                        | Pharm (L)PK-III<br>PH1.4                            | Micro (L)Bacterial<br>Genetics-Part 2 MI 1.1                               | Path (L) PA 2.3 (Cell injury-3)            | Path /SGT SGT-2 PA 2.7 aging   |  |  |  |
| 3pm -<br>4.30pm | B Batch Path (components of hemogram, Hb estimation)  | A Batch Path<br>(components of<br>hemogram, Hb     | Micro (P) A Batch<br>Morphology, Types of<br>Stains | Micro (SGD) B Batch<br>3.00 – 3.30 pm Culture<br>M&M : MI 1.1Micro(P) 3.30 | A Batch CM<br>Wk I & III                   |  |  |  |  |
|                 |   | estimation)  | MI 1.1  | – 4.30 pm Culture M&M: MI<br>1.1:  | B Batch FM<br>Wk I & III                   |  |  |  |  |
|                 | A Batch Pharm Oral dosage forms (Solids-1) PH 2.1, PH 1.3   | B Batch Pharm Oral dosage forms (Solids-1) PH 2.1, | B Batch Pharm Journal correction and revision       | A Batch Path Wk III (PS-<br>Preparation and staining) 1A<br>13.5           | B Batch CM<br>Wk II & IV                   |  |  |  |  |
|                 |   | PH 1.3   | practical   |  | A Batch FM<br>Wk II & IV                   |  |  |  |  |

| TIME TABLE      | TIME TABLE FOR WEEK 3: TOPIC – General Concepts of Pathology, Pharmacology and Microbiology  WEEK 3 (14 <sup>th</sup> Feb 19th Feb 2022) |   |  |  |   |  |  |  |  |  |
|-----------------|--|---|--|--|---|--|--|--|--|--|
| Time            | Monday   | Tuesday   | Wednesday  | Thursday   | Friday  | 3 <sup>rd</sup> Saturday   |  |  |  |  |
| 8-9am           | Nutrient requirements and dietary assessment IM23.1  | Physiology of conception.OG 3.1                       | Nutrition and fluid<br>therapy 2 (SU12.1,<br>SU12.2 & SU12.3)                                      | FM (L)   | Sports  |  |  |  |  |  |
| 9- 10am         | Micro (L)Bacterial Genetics-Part 1; MI 1.1   | Path (L) PA 14.2<br>(Micro hypo anemia)<br>+IM        | Pharm (L) PD-I PH1.5   | CM(L)  | Micro (SGD) Identification of Bacteria MI 1.1     | Pharm SDL Drugs in Pregnancy   |  |  |  |  |
| 10am-<br>1pm    | Clinical Posting   | Clinical Posting                                      | Clinical Posting   | Clinical<br>Posting  | Clinical Posting                                  | Pharm SGT Routes of Administration – Parenteral Dosage forms – I PH 2.1, PH 1.3 A & B Batch              |  |  |  |  |
| 1- 2pm          |  |   |  | Lunch  |   |  |  |  |  |  |
| 2pm-3pm         | Path (L)) PA 2.4<br>(apoptosis)  | Pharm (L) PK-IV PH1.4                                 | Pharm (L) PD-II PH1.5  | Micro (L)Bacterial Genetics-Part 2 MI 1.1  | Path (L) PA 2.4 (Necrosis)                        | Micro (L)2.00- 3.00 pm Antimicrobials: Antimicrobial Agents, Antimicrobial Resistance,: MI 1.6 Micro (P) |  |  |  |  |
|                 | B Batch Path (PCV,ESR<br>BM aspiration and<br>biopsy)  | A Batch Path (PCV,ESR<br>BM aspiration and<br>biopsy) | Micro (SGD) A Batch<br>3.00 – 3.30 pm<br>Culture M&M : MI<br>1.1Micro(P) 3.30 –<br>4.30 pm Culture | Micro (SGD) B Batch<br>3.00 – 3.30 pm Culture M&M : MI<br>1.1Micro(P) 3.30 – 4.30 pm Culture<br>M&M: MI 1.1: | A Batch CM<br>Wk I & III<br>B Batch FM Wk I & III | 3.00-4.30 pm Antimicrobial Susceptibility Testing MI 1.6, A, B - batch Micro (P)                         |  |  |  |  |
| 3pm -<br>4.30pm |  |   | M&M: MI 1.1:   |  |   |  |  |  |  |  |
|                 | A Batch Pharm Oral dosage forms (Solids-2)   | B Batch Pharm Oral dosage forms (Solids-              | B Batch Path Wk III<br>(PS-Preparation and   | A Batch Path Wk III (PS-Preparation and staining) 1A 13.5  | B Batch CM Wk II & IV                             |  |  |  |  |  |
|                 | PH 2.1, PH 1.3   | 1) PH 2.1, PH 1.3                                     | staining) 1A 13.5  | Stanning) IA 13.3  | A Batch FMWk II & IV                              |  |  |  |  |  |

| TIME TA         | TIME TABLE FOR WEEK 4: TOPIC – General Concepts of Pathology, Pharmacology and Microbiology  Week 4 (21 <sup>nd</sup> Feb – 26 <sup>th</sup> Feb 2022) |   |   |  |  |                                  |  |  |  |
|-----------------|--|---|---|--|--|----------------------------------|--|--|--|
| Time            | Monday   | Tuesday   | Wednesday                                     | Thursday   | Friday   | 4 <sup>th</sup> Saturday         |  |  |  |
| 8-9am           | Protein energy malnutrition IM23.2   | Dev of fetus and placenta.OG 4.1                      | Principles of blood transfusion(SU3.1)        | FM (L)   | Sports   |                                  |  |  |  |
| 9-10am          | Micro(SGD) Pathogenicity of bacterial infections MI 1.1  | Path (L)) PA 15.1 (Macro<br>anemia) +BI +IM           | Pharm (L) Factors modifying drug action PH1.5 | CM(L)  | Micro(L) Sterilization and Disinfection: (Part 2) MI 1.4 | CM/FM SDL<br>Micro SGT           |  |  |  |
| 10 am-<br>1pm   | Clinical Posting   | Clinical Posting                                      | Clinical Posting                              | Clinical Posting   | Clinical Posting   | CM/FM AETCOM/SGT                 |  |  |  |
| 1- 2pm          |  |   | Lun   | ch   |  |                                  |  |  |  |
| 2pm-<br>3pm     | Path (L) PA 4.1 (Inflammation-1)   | Pharm (L) DRC & combined drug effects PH1.5           | Pharm (L) Drug interactions PH1.8             | Micro(L) Sterilization and Disinfection: (Part 1) MI 1.4 | Path (L)) PA 4.1   |                                  |  |  |  |
|                 | B Batch Path (PS-micro hypo  | A Batch Path (PS-micro                                | Micro A-Batch                                 | Micro (P) B-Batch<br>Gram Stain MI 1.2                   | A Batch CM<br>Wk I & III                                 |                                  |  |  |  |
| 3pm -<br>4.30pm | •  | hypo anemia) PA14.3                                   | Gram Stain MI 1.2                             |  | B Batch FM<br>Wk I & III                                 | CM/FM<br>AETCOM/SGT<br>Micro SGT |  |  |  |
| 4.50pm          | A Batch Pharm Routes of<br>Admin–Topical dosage forms<br>– I PH 2.1, PH 1.3  | B Batch Pharm ROA Topical dosage forms – I PH 2.1, PH | B Batch Path Wk IV (PS-Macrocytic             | A Batch Path Wk IV (PS-Macrocytic                        | B Batch CM<br>Wk II & IV                                 |                                  |  |  |  |
|                 |  |   | anemia)PA15.3                                 | anemia)PA15.3  | A Batch FM<br>Wk II & IV                                 |                                  |  |  |  |
|                 |  |   |   |  |  |                                  |  |  |  |

| TIME TABLE      | TIME TABLE FOR WEEK 5: TOPIC – General Concepts of Pathology, Pharmacology and Microbiology  Week 1 (28 <sup>th</sup> Feb – 05 <sup>rd</sup> March 2022) |                             |  |   |   |   |  |  |  |
|-----------------|--|-----------------------------|--|---|---|---|--|--|--|
| Time            | Monday   | Tuesday                     | Wednesday  | Thursday  | Friday  | 1 <sup>st</sup> Saturday  |  |  |  |
| 8-9am           | Vitamin and trace mineral IM23.3   |                             | Shock – Part 1 (SU2.1 & SU2.2)                                   | FM (L)  | Sports  | Sports  |  |  |  |
| 9- 10am         | Micro(SGD) S & D MI  |                             | Pharm (L) Clinical Trials, EBM, TDM PH1.2                        | CM(L)   | Micro (L) General Virology<br>and overview of Viral<br>infections : Part 2,MI 1.1 | Path SDL (SDL-2) PA 12.2<br>(PEM)                                 |  |  |  |
| 10a<br>m-1pm    | Clinical Posting   |                             | Clinical Posting   | Clinical Posting  | Path (L) PA 5.1<br>(Wound healing-1) +SU  | Path /SGT SGT 3 PA 6.2 (<br>Hyperemia, Congestion,<br>Hemorrhage) |  |  |  |
| 1- 2pm          |  |                             |  | Lunch   |   |   |  |  |  |
| 2pm-<br>3pm     | Path (L) PA 4.2 (Inflammation-3)+SU  |                             | Pharm (L) Intro ANS, Cholinergics<br>PH1.14                      | Micro(L)  General Parasitology and overview of parasitic infections: Part 1 MI 1. | A Batch CM<br>Wk I & III  |   |  |  |  |
| 3pm -<br>4.30pm | B Batch Path (PS-<br>Hemolytic anemia) PA<br>16.6  |                             | Micro(P)   | Micro(P) Sterilization and Disinfection (CSSSD visit): MI 1.5: B Batch            | B Batch FM<br>Wk I & III  | Pharm SGT  Dosage calculation for special cases and drug          |  |  |  |
|                 | A Batch Pharm Routes<br>of Admin– Topical<br>dosage forms – II PH<br>2.1, PH 1.3   | Holiday ( maha SAhivaratri) | Sterilization and Disinfection<br>(CSSSD visit): MI 1.5: A Batch |   |   | dilutions. PH 1.12,2.4  |  |  |  |

| TIME TABLE      | TIME TABLE FOR WEEK 6: TOPIC – Non Aligned Topics of Pathology, Pharmacology and Microbiology  Week 2 (7 <sup>th</sup> March - 12 <sup>th</sup> March 2022) |   |  |  |   |   |  |  |  |  |
|-----------------|---|---|--|--|---|---|--|--|--|--|
| Time            | Monday  | Tuesday   | Wednesday  | Thursday   | Friday  | 2 <sup>nd</sup> Saturday  |  |  |  |  |
| 8-9am           | Approach to a patient requiring Specialized Nutritional Support IM 23.4   | Diagnosis of pregnancy OG 6.1   | Shock - Part2(SU2.1 & SU2.2)                                 | FM (L)   |   | Sports  |  |  |  |  |
| 9- 10am         | Micro(L) General<br>parasitology and<br>overview of parasitic<br>infections Part 2, MI<br>1.1   | Path (L) PA 16.3<br>(Thalass, Sickle cell)<br>+BI +IM   | Pharm (L) Anticholinergics<br>PH1.14                         | CM(L)  | Micro (L) General Virology<br>and overview of Viral<br>infections : Part 2,MI 1.1 | Micro (P) 9.00 – 11.00 am Laboratory diagnosis of viral infections : MI 1.1 Micro (T) 11.00 – 12.00 pm Overview of fungal infections, Part 1 MI 1.1 Micro (T) 12.00 – 1.00 pm |  |  |  |  |
| 10am-1pm        | Clinical Posting  | Clinical Posting  | Clinical Posting   | Clinical Posting   | Clinical Posting  | Overview of fungal infection, Part 2 MI 1.1   |  |  |  |  |
| 1- 2pm          |   |   |  | Lunch  |   |   |  |  |  |  |
| 2pm-<br>3pm     | Path (L) PA4.3<br>(Inflammation-4)  | Pharm (L)<br>Cholinergics-II PH<br>1.14   | Pharm (L) Adrenergid PH1.14                                  | Micro(L) General Virology and overview of Viral infections Part 1,MI 1.1 | Path (L) PA 5.1<br>(Wound healing-1) +SU  |   |  |  |  |  |
| 3pm -<br>4.30pm | B Batch Path(PS-<br>Eosinophilia,malaria)<br>PA 16.6<br>A Batch Pharm Intro<br>Expt Pharm<br>instruments  | A Batch Path(PS-<br>Eosinophilia,malaria<br>) PA 16.6<br>B Batch Pharm<br>Intro Expt Pharm<br>instruments | Micro(P) Laboratory diagnosis of parasitic infections-MI 1.2 | Micro(P) Laboratory diagnosis of parasitic infections-M 2 B - Batch      | A Batch CM<br>Wk I & III<br>B Batch FM<br>Wk I & III                              | Path SGT/ :SGT 4 (PA 6.6) Ischemia, Infarction  |  |  |  |  |
|                 |   |   | Intro Expt Pharm lab<br>animals                              | Intro Expt Pharm lab<br>animals  | B Batch CM<br>Wk II & IV  |   |  |  |  |  |

| TIME TABLE   | TIME TABLE FOR WEEK 7: TOPIC – Non Aligned Topics of Pathology, Pharmacology and Microbiology  Week 3 (14 <sup>th</sup> March 19 <sup>th</sup> March 2022) |   |  |  |  |  |  |  |
|--|--|---|--|--|--|--|--|--|
| Time   | Monday   | Tuesday   | Wednesday  | Thursday   | Friday   | 3 <sup>rd</sup> Saturday   |  |  |
| 8-9am Disorders of adipose tissue and obesity IM 14.1, IM 14.2 |  | Maternal<br>changes in<br>preg OG<br>7.1              | Wounds, &<br>Wound ,care –1<br>(SU17.7, SU5.1,<br>SU5.3 & SU5.4) | FM (L)   | Sports   |  |  |  |
| 9- 10am  | Micro(SGD) Normal human microbiota MI 1.1  | Path (L) PA 17.1 (WBC disorders, Aplastic anemia) +IM | Pharm (L)<br>Adrenergics-I<br>PH1.14                             | CM(L)  | Micro(L) Immunity MI 1.7                             | Pharm SDL<br>Treatment of Ac glaucoma  |  |  |
| 10a<br>m-1pm   | Clinical Posting   | Clinical<br>Posting                                   | Clinical<br>Posting  | Clinical<br>Posting  | Clinical Posting                                     | Pharm AETCOM Module -2 for Phase II  |  |  |
| 1- 2pm   |  |   |  | Lunch  |  |  |  |  |
| 2pm-3pm  | Path (L) PA 5.1 (Wound healing2)+SU  | Pharm (L)<br>Cholinergic<br>s-II PH 1.14              | Pharm (L)<br>Adr Blockers-II<br>PH1.14                           | Micro(L) Epidemiology of infectious diseases: MI 1.3                   | Path (L)) PA 6.1 (Hemodynamics-1 edema) +IM          | Micro(L) 2.00-3.00 pm  |  |  |
| 3pm -  | and the second   |   | Micro(P) A- Batch<br>Acid Fast stain-1,<br>MI 1.2                | Micro(P) Laboratory diagnosis of fungal infections MI 1.1, 1.2 B-Batch | A Batch CM<br>Wk I & III<br>B Batch FM<br>Wk I & III | Components of Immune System-Organs, cells and products: 1 MI 1.8  Micro(P) 3.00-4.30 pm Laboratory diagnosis of fungal infections - MI 1.1, 1.2, A-Batch |  |  |
| 4.30pm   | A Batch Pharm<br>Journal Correction  | B Batch<br>Pharm<br>CAL Expt<br>DOG BP                | B-Batch Path<br>(WBC-Chronic<br>leukemia)PA 18.2                 | A Batch Path (Revision)  | B Batch CM<br>Wk II & IV<br>A Batch FM<br>Wk II & IV |  |  |  |

| TIME TABLE I    | FIME TABLE FOR WEEK 8: TOPIC – Non Aligned Topics of Pathology, Pharmacology and Microbiology  Week 4 (21 <sup>th</sup> March - 26 <sup>th</sup> March 2022) |  |   |                                       |  |                          |  |  |  |
|-----------------|--|--|---|---------------------------------------|--|--------------------------|--|--|--|
| Time            | Monday   | Tuesday  | Wednesday   | Thursday Friday                       |  | 4 <sup>nd</sup> Saturday |  |  |  |
| 8-9am           | Obesity and metabolic syndrome IM14.3. 14.4,14.5,14.13,14.14. 14.15.   | Maternal changes in preg OG 7.1                                | Wounds, & Wound ,care<br>-1 (SU17.7, SU5.1,<br>SU5.3 & SU5.4) | FM (L)                                | Sports   |                          |  |  |  |
| 9- 10am         | Micro(L) Components of Immune System, 2 , MI 1.8   | Path (L) PA 17.1<br>(WBC disorders,<br>Aplastic anemia)<br>+IM | Pharm (L) Adrenergics-I<br>PH1.14                             | CM(L)                                 | Micro(L)<br>Antibody<br>MI 1.8                 | CM/FM SDL                |  |  |  |
| 10am-1pm        | Clinical Posting   | Clinical Posting   | Clinical Posting  | Clinical Posting                      | Clinical Posting CM/FM AETCOM/SGT              |                          |  |  |  |
| 1- 2pm          |  |  |   | Lunch                                 |  |                          |  |  |  |
| 2pm-3pm         | Path (L)) PA 6.4<br>(Hemodynamic-2<br>thrombosis)  | Pharm (L)<br>Cholinergics-II PH 1.14                           | Pharm (L)<br>Adr Blockers-II PH1.14                           | Micro(SDL)<br>Antigen-MI 1.           | Path (L) PA 6.5<br>(Hemodynamic-3<br>embolism) |                          |  |  |  |
| 3pm -<br>4.30pm | B Batch Path (WBC-<br>Acute leukemia)<br>PA18.2  | A Batch Path (WBC-<br>Acute leukemia)<br>PA18.2                | Micro(P) A- Batch Acid Fast stain-1, MI 1.2                   | Micro(P) Acid Fast stain-1, MI<br>1.2 | A Batch CM<br>Wk I & III                       | CM/FM SGT/ AETCOM        |  |  |  |
|                 | A Batch Pharm CAL B Batch Pharm Expt DOG BP CAL Expt DOG   |  | A-Batch Path(WBC-Chronic<br>leukemia)PA 18.2                  | B Batch FM<br>Wk I & III              |  |                          |  |  |  |
|                 |  |  |   | ,                                     | B Batch CM<br>Wk II & IV                       |                          |  |  |  |

| TIME TABLE      | TIME TABLE FOR WEEK 9: TOPIC – Non Aligned Topics of Pathology, Pharmacology and Microbiology  Week 5 (28 <sup>th</sup> March- 2 <sup>nd</sup> April 2022) |  |  |   |  |                     |  |  |  |
|-----------------|--|--|--|---|--|---------------------|--|--|--|
| Time            | Monday   | Tuesday  | Wednesday Thursday   |   | Friday                                       | Saturday            |  |  |  |
| 8-9am           | Approach to a patient with anemia IM9.1.9.2.   | Antenatal care OG 8.1,8.2                          | Wounds, & Wound ,care –2 (SU17.7,<br>SU5.1, SU5.3 & SU5.4) |   | Sports                                       |                     |  |  |  |
| 9- 10am         | Micro (L)<br>Antigen-Antibody<br>Reaction: Part 1 MI 1.8   | Path (L) PA 18.1<br>(WBC: Leucocytosis)            | Pharm (L) Sk Muscle relaxants PH1.17                       | CM(L)   | Micro(T)<br>Complement: MI 1.8               |                     |  |  |  |
| 10a<br>m-1pm    | Clinical Posting   | Clinical Posting Clinical Posting Clinical Posting |  | Clinical Posting  |  |                     |  |  |  |
| 1- 2pm          |  |  | Lunch  |   |  |                     |  |  |  |
| 2pm-3pm         | Path (L) PA 6.1<br>(Hemodynamic<br>4:infarction)   | Pharm (L) Drugs for<br>Glaucoma<br>PH 1.14, 1.15   | Pharm (L) Local anaesthetics' PH1.17                       | Micro (L)<br>Antigen-Antibody Reaction:<br>Part 2, MI 1.8 | Path (L) PA 6.(Hemodynamic-<br>5.Shock) +SU  |                     |  |  |  |
| 3pm -<br>4.30pm | B Batch Path(Multiple<br>myeloma) PA 20.1  | A Batch Path (Multiple<br>myeloma) PA 20.1         | Micro(P)Antigen-Antibody Reaction A -                      | Micro(P) Antigen-Antibody                                 | A Batch CM Wk I & III                        | Holiday (<br>Ugadi) |  |  |  |
|                 | A Batch Pharm<br>Graphs-I PH4.2  | B Batch Pharm<br>Graphs-I PH4.2                    | Batch Micro  | Reaction – B Batch  | B Batch FM Wk I & III  B Batch CM Wk II & IV |                     |  |  |  |

| TIME TABLE F  | TIME TABLE FOR WEEK 10: TOPIC – IMMUNOLOGY                        |   |   |   |  |  |  |  |  |
|---|---|---|---|---|--|--|--|--|--|
| Week 2 (4 <sup>th</sup> April to 9 <sup>th</sup> April 2022 ) |   |   |   |   |  |  |  |  |  |
| Time  | Monday  | Tuesday   | Wednesday   | Thursday  | Friday   | 2 <sup>nd</sup> Saturday   |  |  |  |
| 8-9am   | Approach to a patient with anemia continued IM9.8. 9.10.9.11.9.12 | Antenatal care OG 8.7,8.8                           | Burns - 1 (SU4.1, SU4.2 & SU4.3)                                | FM (L)  | Sports   |  |  |  |  |
| 9- 10am   | Micro(L) Immune Response 1, MI 1.8                                | Path (L)) PA 18.2 (WBC-Acute leukemia)              | Pharm (L) Anti histaminics                                      | CM(L)   | Micro (T) Hypersensitivity:<br>Part 1, MI 1.10 | Micro(T) 9.00 – 10.00 am<br>Hypersensitivity: Part 2, MI 1.10<br>Micro(T) 10.00 – 11.00 am |  |  |  |
| 10a<br>m-1pm  | Clinical Posting  | Clinical Posting                                    | Clinical Posting  | Clinical<br>Posting   | Clinical<br>Posting                            | Autoimmunity: MI 1.10  Micro (P) 11.00 – 1.00 pm  Gram stain-2, MI 1.2 A,B-Batch           |  |  |  |
| 1- 2pm  |   |   | L   | unch  |  |  |  |  |  |
| 2pm-3pm   | Path (L) PA 7.1<br>(Neoplasia-1.Defn)                             | Pharm (L) Immunomodulators PH1.50                   | Pharm (L) 5HT Agonists & antagonists PH1.16                     | Micro(L) Immune Response 2,<br>MI 1.8                                 | Path (L) PA 7.2<br>(Neoplasia-2:Spread)        |  |  |  |  |
|   | B Batch Path(Blood<br>grouping,crossmatching)<br>PA 22.1          | A Batch Path (Blood grouping,crossmatching) PA 22.1 | Micro(P) A-Batch Antigen-Antibody Reaction (newer) MI 1.8, 8.15 | Micro(P) B-Batch<br>Antigen-Antibody Reaction<br>(newer) MI 1.8, 8.15 | A Batch CM<br>Wk I & III                       | Dub cort (cor s) DA 7 5 1 1 1 1  |  |  |  |
| 3pm -<br>4.30pm   | A Batch Pharm Graphs-II B Batch Pharm PH 4.2 Graphs-II PH 4.2     |   | B batch Pharm<br>CAL Expt- Effect of drugs on BP                | A batch Pharm CAL Expt- Effect of drugs on BP                         | B Batch FM<br>Wk I & III                       | Path SGT/ :(SGT-5) PA 7.5 Immune response to cancer  |  |  |  |
|   |   | PH4.2   | PH4.2   | B Batch CM<br>Wk II & IV  |  |  |  |  |  |

