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

Name and address of the college/ institute: Name of RC/NC: Bharati Vidyapeeth (Deemed to be University) Medical College, Pune/ RC: AFMC, Pune/ NC: GS GMC, Mumbai

Link of the website where time table (Theory as well as sample clinical posting including all newer element s of CBME is uploaded) : mcpune.bharatividyapeeth.edu

| No. | Check list   | Yes | No | Remark. (it is must in case of no response as filled in Google form) |
|-----|--|-----|----|--|
| 1   | Year planner submitted   | Yes |    |  |
| 2   | Type of Master Time Table :Date-wise -<br>Quarterly / half-yearly / Annually-(Tick mark on<br>the applicable option)   | Yes |    | Time table is issued Block wise comprising 03 Blocks                 |
| 3   | Annual Academic (theory) Time Table submitted for monitoring / uploaded on website within stipulated time *  | Yes |    |  |
| 4   | Annual clinical posting rotation is submitted  | Yes |    |  |
| 5   | Clinical postings sample Time Table submitted for the all clinical posting as per GMER MBBS Professional year II for monitoring / uploaded on website within stipulated time * | Yes |    |  |
| 6   | Student learner method concept & skill training included in clinical dept sample timetable *   | Yes |    |  |
| 7   | Simple excel sheet of the calculation of number of hours to satisfying GMER submitted as per dept.   | Yes |    |  |
| 8   | Are teaching hours for Pathology, Microbiology, Pharmacology, Community Medicine, FMT, Clinical subjects represented in the time table with colour codes?                      | Yes |    |  |
| 9   | Are teaching hours for AETCOM represented in the time table & spread as a longitudinal program over the year with colour coding?   | Yes |    |  |
| 10  | Competency no, TL methods(lectures, small group teachings, DOAP etc) are mentioned in each slot for all subjects in the time table   | Yes |    |  |
| 11  | Provision of AI topic slots in the time table with the names of the topic  | Yes |    |  |
| 12  | Alignment & integration of topics evident in the time table  | Yes |    |  |
| 13  | Provision of feedback, formative assessment,<br>Internal assessment and reflection included in<br>master time table  | Yes |    |  |
| 14  | Provision of slots for sports & extracurricular activities   | Yes |    |  |
| 15  | Provision Inclusion of pandemic module   | Yes |    |  |
| 16  | Provision of subject wise slots for self-directed learning activities  | Yes |    |  |
| 17  | Is the time table feasible and implementable?  | Yes |    |  |
| 18  | Uploaded attachments done (with college name and a,b,c,d as per options below as file  |     |    |  |

|     | name)  |               |  |
|-----|--|---------------|--|
| 18a | Complete II MBBS schedule yea planner  | Yes           |  |
| 18b | Complete II MBBS schedule as single pdf file with Marked AITO, Calculation of subject wise hours (Lect, Small group activity, Self-directed learning, student doctor method, formative assessment, internal assessment etc in different colours) | Yes           |  |
| 18c | Dept clinical posting schedule for whole year (batch wise rotation)  | Yes           |  |
| 18d | Simple excel sheet calculation month wise/block wise for whole II MBBS satisfying number of hours  | Yes           |  |
| 18e | Sample copy of all clinical posting day wise for each clinical dept posting for Monday to Friday during the specified weeks of posting as per GMER including student doctor method of learning   | Yes           |  |
| 19  | Whether skills lab has been established in your college? If so, attach photographs.  | Yes, attached |  |

Any specific aspects with respect to COVID-19 for implementation of time table: Currently, in view of resurgence of COVID19 infection teaching has been shifted completed to online till mid April and most students have returned home and attending from there. Offline classes will resume one the pandemic situation permits recalling of students.

Signature of Dean/Principal of Medical College PRINCIPAL

Bharati Vidyapeeth (Deemed to be University)

NSNau

Medical College
Pune - 411 043.

# Bharati Vidyapeeth DTU Medical College, Pune

# Annual Planner: Phase 2: 15th Feb 2021 to Jan 2022

|  |     |    | JAN | NUA                  | RY  |                       | FE | EBR            | UA | RY |                       |    | N                            | /AR  | СН |  |       |                       |                      | API                        | RIL                        |   |                       |                | M                          | AY                         |                        |          |                      | JUI                        | VE             |
|--|-----|----|-----|----------------------|-----|-----------------------|----|----------------|----|----|-----------------------|----|------------------------------|------|----|--|-------|-----------------------|----------------------|----------------------------|----------------------------|---|-----------------------|----------------|----------------------------|----------------------------|------------------------|----------|----------------------|----------------------------|----------------|
| MON<br>TUE<br>WED<br>THU<br>FRI<br>SAT | 1 2 |    | 15  | 19<br>20<br>21<br>22 |     | 1<br>2<br>3<br>4<br>5 | 12 | 16<br>17<br>18 | 26 | -  | 1<br>2<br>3<br>4<br>5 | 13 | 0 10<br>0 17<br>1 18<br>2 19 | 5 23 | 30 |  | 1 2 3 | 5<br>6<br>7<br>8<br>9 | 12<br>13<br>14<br>15 | 19<br>20<br>21<br>22<br>23 | 26<br>27<br>28<br>29<br>30 |   | 3<br>4<br>5<br>6<br>7 | 12<br>13<br>14 | 17<br>18<br>19<br>20<br>21 | 24<br>25<br>26<br>27<br>28 | 31<br>1<br>2<br>3<br>4 | 10<br>11 | 15<br>16<br>17<br>18 | 21<br>22<br>23<br>24<br>25 | 28<br>29<br>30 |
| SUN                                    | 3   | 10 |     | 24                   | .31 | WkN                   | 14 | 21             |    |    | 3                     | 4  | 2)                           |      |    |  | 7     | 8                     | 17 18                | 24<br>25<br>10             | 11                         | 2 | 8<br>9                | 15<br>16       | 23                         | 30                         | 5 6                    | 12 13    | 19<br>20<br>3        |                            | 5              |

| Vk No: | 5 | 6  | 7  | 8  | 9  |     | 10  | 11  | 12  | 13  | 14 | 15  |    |    | 1  |   | 2   | 3   | 4  | 5  |   |   | 6  | 7   | 8  |    | 9   |      |      |     |
|--------|---|----|----|----|----|-----|-----|-----|-----|-----|----|-----|----|----|----|---|-----|-----|----|----|---|---|----|-----|----|----|-----|------|------|-----|
| UN     | 4 | 11 | 18 | 25 | -  | 1 1 | .8  | 1.5 | 22  | 29  | 5. | 12  | 19 | 26 | -  | 3 | 1.0 | 17  | 24 | 31 | , | 7 | 14 | 21  | 28 | -  | 5 1 | 2 15 | 26   | PL  |
| AT     | 3 |    |    | 24 | 31 |     | 7   |     | 21  |     | 4  | 11  | 18 | 25 | -  | 2 | 9   | 16  | 23 | 30 |   | 6 | 13 |     | 27 |    | 4 1 | 1 1  | 3 25 |     |
| RI     | 2 | 9  | 16 | 23 | 30 |     | 6   | 13  | 20  | 27  | 3  | 10  | 17 | 24 | -  | 1 | 8   | 15  | 22 | 29 |   | 5 | 12 |     | 26 | -  | 3 1 | 11   | 7 24 | 31  |
| THU    | 1 | 8  | 15 | 22 | 29 | 1   | 5   | 12  | 19  | 26  | 2  | 9   | 16 | 23 | 30 |   | 7   | 14  | 21 | 28 |   | 4 | 11 |     | 25 |    | 2   | 9 1  | 5 23 | 30  |
| VED    |   | 7  | 14 | 21 | 28 |     | 4   | 11  | 18  | 25  | 1  | 8   | 15 | 22 | 29 |   | 6   | 13  | 20 | 27 |   | 3 | 10 |     | 24 |    | 1   | 8 I. | 5 22 | 29  |
| TUE    |   | 6  | *  |    | 27 | 31  | 1 3 | 10  | 17  | 24  |    | 7   | 14 | 21 | 28 |   | 5   | 12  | 19 | 26 | П | 2 | 9  | 16  | 23 | 30 |     |      | 4 21 |     |
| MON    |   | 5  | 12 | 19 |    | 30  | 0 2 | 9   | 16  | 23  | 1  | 6   | 13 | 20 | 27 |   | 4   | 11  | 18 | 25 | 1 | 1 | 8  | 15  | 22 | 29 |     | 6 1  | 3 20 | 27  |
|        | _ |    |    | JU | LY |     |     | Αl  | JGL | JST |    | SEF | TE | MB | ER |   | (   | OCT | OB | ER |   |   | NO | VE. | MB | ER | 1   | DEC  | EMI  | BER |

Block Teaching: Start & end weeks

Examinations

Holiday / Sports Wk / Preparatory Leave

**Block 1**: Teaching  $15^{th}$  Feb 21 to  $16^{th}$  May, **Exams**  $18^{th}$ - $22^{nd}$  May, **Sports Wk**:  $24^{th}$ - $30^{th}$ 

Block 2: Teaching 31st May to 12th Sept, Exams 13th-25th Sept 21

Block 3: Teach: 27th Sept to 5th Dec 21, Prelims: 6th-18th Dec 21, Diwali: 2nd -6th Nov, PL: 19th Dec-9th Jan 22

University Examinations:  $10^{th} - 25^{th}$  Jan 22

PRINCIPAL
Bharati Vidyapeeth
(Deemed to be University)

# Bharati Vidyapeeth (Deemed to be University) Medical College Pune-43.

#### (Batch - 2019)

BLOCK I - Time - Table (15.02.2021 to 22.05 2021)

| Day       | 8.30 am – 9.30 am | 9.30 am -<br>12.30 pm | 12.30 pm -<br>1.30 pm | 1.30 pm -2.30 pm   | 2.30 pm<br>3.30 pm               | 3.30 pm – 4.30 pm                   |
|-----------|-------------------|-----------------------|-----------------------|--|----------------------------------|-------------------------------------|
| Monday    | Pathology         | Clinics               | Lunch                 | OBGY   | Pathology Pra<br>Pharmacology    |                                     |
| Tuesday   | FMT               | Clinics               | Lunch                 | Microbiology   | Pathology Pra<br>Pharmacology    |                                     |
| Wednesday | Microbiology      | Clinics               | Lunch                 | Pathology  | Microbiology                     | & FM/CM (Batch - A)                 |
| Thursday  | Pharmacology      | Clinics               | Lunch                 | Medicine   | Patho / Pharm<br>Batch - I / Bat | ac / Micro<br>ch - II / Batch - III |
| Friday    | CM                | Clinics               | Lunch                 | Pharmacology   | Microbiology                     | & FM/CM (Batch - B)                 |
| Saturday  | Surgery           | (Patho dept. +        |                       | up discussion/Tutorial/Sem<br>& (Micro dept. + FMT dep<br>to 1.30 pm |                                  |                                     |

Batch - A: Roll No. 1-75

Batch B: Roll No. 76 - onwards

Batch - I: Roll No. 1-50

Batch II: Roll No. 51 - 100

Block - I Exam: 18.05.21 to 22.05.21

Bharati Vidyapeeth (Deemed to be University)

Copy to: - 1) Principal

2) Vice Principal (UG)

Medical College 3) U G Academics Teaching & TraiRunge 1421 043. Batch III: Roll No. 101 - onwards

Dr. R.C. Nimbargi

In-charge, Academics Para Clinical Prof. & Head

Dept of Pathology

Bharati Vidyapeeth (Deemed to be University)

Medical College, Pune - 411043

### Bharati Vidyapeeth (Deemed to be) University Medical College, Pune

#### Phase 2: 15th Feb 2021 to Jan 2022

| Weekly | Time | Tables |
|--------|------|--------|
|--------|------|--------|

| Day | 8.30-9.30 | 9.30 am - 12.30 pm            | 12.30-1.30 | 1.30-2.30 | 2.30-4                 | .30       |  |
|-----|-----------|-------------------------------|------------|-----------|------------------------|-----------|--|
| Mon | Patho     | CLINICS                       | LUNCH      | ObGy      | A - Patho, B           | - Pharmac |  |
| Tue | FMT       |                               |            | Micro     | B - Patho, A - Pharmac |           |  |
| Wed | Micro     |                               |            | Patho     | A - Micro, B           | - CM      |  |
| Thu | Pharmac   |                               |            | Medicine  | Wkly rotation 1/2/3    |           |  |
| Fri | CM        |                               |            | Pharmac   | B - Micro, A           | - CM      |  |
| Sat | Surgery   | Alternate Wks: Small Gr A/B   |            | Lunch     | SDL                    | Sports    |  |
|     |           | Patho - Pharmac / Micro - FMT |            |           |                        |           |  |

| Day | 8.30-9.30  | 9.30 am - 12.30 pm          | 12.30-1.30 | 1.30-2.30 | 1.30-2.30                    | 2.30-4.30 |  |  |
|-----|------------|-----------------------------|------------|-----------|------------------------------|-----------|--|--|
| Mon | Patho      | CLINICS                     | LUNCH      | Pharmac   | A - Patho, B - Ph            | armac     |  |  |
| Tue | FMT        |                             |            | Micro     | Micro B - Patho, A - Pharmac |           |  |  |
| Wed | Micro      |                             |            | Patho     | A - Micro, B - Pa            | /Ph       |  |  |
| Thu | Pharmac    |                             |            | Micro     | Wkly rotation: 1             | 1/2/3     |  |  |
| Fri | Patho      |                             |            | Pharmac   | B - Micro, A - Pa            |           |  |  |
| Sat | Wkly Tests | Alternate Wks: Small Gr A/B |            | Lunch     | SDL                          | Sports    |  |  |

Batches for Small Group Teaching: MON, TUE, WED, FRI, SATURDAYS:

Batch A: 1 to 75 (A1 - 1 to 25, A2 - 26 to 50, A3 - 51 to 75);

Batch B: 76 to 150 (B1 - 76 to 100, B2 - 101 to 125, B3 - 126 to 150)

Batches for Small Group Teaching: THURSDAY: 2.30-4.30pm

Batch 1: 1 to 50 (1a: 1 - 25,1b: 26 - 50); Batch 2: 51 to 100 (2a: 51 - 75, 2b: 76 -100);

Batch 3: 101 to 150 (3a: 101 -125, 3b: 126 -150);

**Small Group Activities:** 

Skills training, AETCOM, Practicals, Tutorials, Integration, Seminars, Quiz

**Internal Assessment:** 

Block 1: 5 subjects, Theory: 18th to 22nd May 2021

Block 2: 5 subjects, Theory: 13th to 17th Sept 2021, Pract: 18th to 25th Sept 2021

Block 3: Prelims: 3 subjects, Theory: 6th to 11th Dec 2021, Pract: 13th to 18th Dec 2021

#### BHARATI VIDYAPEETH(DEEMED TO BE UNIVERSITY) MEDICAL COLLEGE, PUNE

#### Phase 2 Paraclinical Subjects: Monthwise coverage of Topics and corresponding competency numbers.

Colour codes to differentiate different types of sessions: Black- lectures, Red - Practicals/ tut. Violet - Aligned / Integraed Tonics, Green - SDI, Rive - AFTCOM, Brown - Pandemic Module

|       | Pharmacology<br>Topics   | Ph Comp Nos.                                    | Micro Topics   | Micro Comp<br>numbers        | Pathology Topics  | Patho Comp Nos   | FM Topics                           | FM Comp Nos                 | CM Topics   | CM Comp Nos   |
|-------|--|---|--|------------------------------|---|--|-------------------------------------|-----------------------------|---|---|
| Feb   | Intro to Gen.Pharmac<br>Routes,Drug<br>absorption,Distributio<br>n, Routes Display,2<br>Drug Admin   | PH 1.1,PH 1.3,PH 1.4,PH 1.11, PH2.1,PH2.3,PH4.1 | Introduction to<br>department & subject<br>History of<br>microbiology<br>Morphology of<br>bacteria I<br>& Physiology<br>Micrscopy , Gram<br>stain, ZN stain<br>,morphology of<br>bacteria  | MI 1.1,<br>MI1.2,MI6.2,MI6.3 | Introduction to Department Cell Injury , Adaptation , Cell death, DOAP -Cell Injury | PA 1.1 , 1.2, 1.3 , PA 2.1, 2.2, 2.3, 2.4,PA 2.8   | Introduction<br>Court Procedure     | 1.1 to 1.11, 2.30           | Introduction - Concept of Health and Disease,<br>Introduction to Biostatistics, Sources and types of<br>Data - Introduction to topic, sources and uses of data<br>(Revision )   | CM 1.1,CM 1.2,CM<br>1.3,CM 1.4,CM 1.5,CM<br>1.7, CM 6.2 |
| March | Biotransformation,Exc<br>retion,PDI,II,III,IV,New<br>drug<br>development(Pandem<br>ic)Chollnergic<br>,antichollnergic<br>drugs,Dose<br>calculations,Dose<br>adujustment in<br>sp.cond.,Drug<br>Admin,Pharmacovigill<br>ance,Factors<br>modifying ,Glaucoma | 1.6,PH 1.7,PH 1.14,PH<br>1.64,PH2.3,PH4.1,PH2   | Sterilisation , Culture media ,drug resistance & AST, infection (Pandemic module) Healthcare infections, SDL-Visit to CSSD immunity, Basics of infection control (Pandemic module) Lab diagnosis of bacterial infection (Pandemic module) Antigen and antibody Antigen antibody reactions AFB stain, Stain, Sterilization ,lab diagnosis of bacterial infections, PPE & hand hygiene (pandemic module) | MI8.6,MI8.7,MI8.9,MI8<br>.10 | ,Gangrene, Cellular aging & Apoptosis,  | PA 2.5, 2.6, 2.7,PA 3.1, 3.2, PA 4.1,4.2, 4.3, 4.4,PA 5.1,PA 6.1, 6.2,PA 3.2,PA 4.4,PA19.2,PA 16.6 | Court Procedure ,<br>Identification | 1.1 to 1.11, 2.30, 3.1, 3.2 | 1. Epidemiology I - Introduction to Epidemiology, 2. Epidemiology II - Descriptive epidemiology 3. Epidemiology III - Analytical epidemiology 4. Epidemiology IV - Cohort Study, 1. Presentation and Types of data 2. Measures of Central Tendency and Variation 3. Probability and Normal curve - 4. Sampling - Sampling methods and sampling techniques, sample size and its calculation, allowable error | CM 7.1, CM 7.4, CM<br>7.5, CM 7.8, CM 6.2,<br>CM 6.4    |

|       | Pharmacology<br>Topics  | Ph Comp Nos.  | Micro Topics  | Micro Comp<br>numbers                          | Pathology Topics   | Patho Comp Nos   | FM Topics  | FM Comp Nos   | CM Topics   | CM Comp Nos  |
|-------|---|---|---|--|--|--|--|---|---|--|
| April | adrenergic drugs<br>"shock,Diuretics,Angi<br>na   | 1.24,PH1.10,PH3.2,PH<br>1.58,PH1.26,PH<br>1.27,,PH 1.28,PH<br>1.15,PH2.3,PH4.1,PH3.<br>1,PH3.8,PH5.1,PH5.2,P<br>H5.3,PH5.4,PH1.6,PH3. | infections ,Shigella  | MII.1,MI3.1,MI3.2,MI8<br>.9,MI8.10,MI8.11,MI8. | Thrombosis & Embolism , Infarction & Shock, Neoplasia , Diagnostic cytology, Immunopath ology & AIDS, Immunopatrholo gy-2 (Autoimmune Disease) , DOAP - Gross & microscopy of tuberculous lymphadenitis, DOAP - Infarction - Gross & Microscopy, DOAP - Diagnostic Cytology , AETCOM - Module, SDL - Counselling of Patients with CA oral cavity | 7.4, 7.5, PA 8.1, 8.2,<br>8.3, PA 9.1, 9.2, 9.3,<br>9.4, 9.5, PA 9.6, 9.7,<br>PA19.3, PA 6.7, PA 8.7,<br>2.2 | Identification, Thanatology, Various Sections of IPC, CrPC and IEA applicable / relevant to medical practice in India. | 3.1, 3.2, 2.1 to 2.19,<br>2.31, 2.32, 2.33, 2.34,<br>8.5, 4.6 | Epidemiology V - Experimental epidemiology (Randomized Control Trials) and Clinical trials 2. Epidemiology VI - Association and causation and uses of epidemiology 3. Infectious disease epidemiology I - Dynamics of disease transmission 4. Infectious disease epidemiology II - Successful parasitism, incubation period and its uses, host defenses 5. Disease prevention and control - Early diagnosis, notification, isolation, treatment and quarantine. Test of significance, null and alternative hypothesis, p value, type I and type II error, 2. Z - Test for difference between Two Means, Two Proportion - and for qualitative data | CM 7.5, CM 7.8, CM<br>7.1, CM 7.2, CM 8.5,<br>CM 6.3 |
| May   | arrhythmics, Antiplatel<br>ets, Fibrinolytics, antifi<br>brinolytics, Drug<br>Admin, Prescription | 1.30, PH 1.25,PH<br>1.28,PH 2.3,PH4.1,PH  | parasites ,Viral<br>gastroenteritis H.<br>pylori, Acid peptic |  | Pathogenesis & Pathology of Tumor & tumor like condition in infancy & childhood, Storage diseases of childhood, Obesity, SG T - Describe & discuss cellular Adaptation,  |  | Thanatology,<br>Suspended animation  | 2.1 to 2.19, 2.31, 2.32, 2.33, 2.34, 8.5, 2.7                 | 1.Emerging and Remerging Infectious diseases, 2.  Mode of spread of diseases and introduction to environmental sanitation 1. Paired t-test - Application of paired t-test, degrees of freedom, different assumptions for paired t-test 2. Unpaired t-test - application of unpaired t-test, degrees of freedom, different assumptions for the use of unpaired t-test. 1. Declining sex ratio and its social and health implications in India  | CM 19.1, CM 19.3, CI<br>3.3, CM 6.3, CM 9.3          |

|      | Pharmacology<br>Topics   | Ph Comp Nos.   | Micro Topics  | Micro Comp<br>numbers                       | Pathology Topics  | Patho Comp Nos   | FM Topics   | FM Comp Nos   | CM Topics   | CM Comp Nos  |
|------|--|--|---|---|---|--|---|---|---|--|
| june | Br. Asthma, Evidence based medicine, Anticoagula nts, Intro-chemo, Resistance, Individual agents (Sulphonamides , quinolones, penicillins , Cephalo, Aminoglycosi des, Macrolides), Drug Admin, Prescription writing-Communication (Asthma), P-drug Integration-AMR, AETCOMI, STDs |  | Intestinal - Cestodes,Trematodes, Nematodes , Viral hepatitis ,Etiopathogenesis, lab diagnosis of urinary tract infections, genital infections &URT & LRT,Enteric fever.Mycobacteria, Lab diagnosis of UTI & STDs, Lab diagnosis of Respiratory infections  | MI3.3,MI3.4,MI6.1,<br>MI7.1,MI7.2,MI7.3,MI8 | Blood Vessel & CVS,Respiratory system,DOAP - Cardiac function Test, Enteric fever - Integration,Tuberculo sis - Integration,SGT - RS, AETCOM - Module |  | Thanatology, Injury   | 2.1 to 2.19, 2.31, 2.32, 2.33, 2.34, 8.5, 3.3 to 3.12 | 1. Water in relation to health and Disease-I a.Sanitary well, Water purification and hardness of water b.Drinking water surveillance, Defluoridation and rain water harvesting 3. Global warming and climate change 4. Air pollution , 1. Chi-square test 2. Correlation 3. Fallacies in Biostatistics 4. Health information system I and II - Solving examples of vital events 1. Physical Environment-I a. Air pollution, noise, light, temperature b. Radiation, ventilation, pressure, housing, vibration 2. Methods of Refuse Disposal 3. Arthropods of Medical Importance a. Housefly, sandfly, rat flea b.Mosquito, ticks, mites, louse, Cyclops Insectisides , 5. Occupational Health 6. Disinfection and sterilization 7. Family Planning , 8. Immunization, 9. Visit to milk diary 10. Visit to sewage treatment plant 11. Visit to public health laboratory Clinical posting Community based Reserach-To understand concept of Research in biomedical sciences, To know components of "Research", Report submission  | CM 3.1, CM 3.2 CM<br>6.3, CM 6.2, CM 3.1,<br>CM 3.4, CM 3.5, CM<br>3.6, CM 3.7, CM 3.8,<br>CM 3.2, CM 5.8, CM<br>5.7, CM 6.1, CM 6.2,<br>CM 6.4, CM 6.3, CM<br>6.7 |
| july | broad spectrum,UTI,Tubercul osis,Leprosy,Amoeblas is,Antiviral agents,HIV,Antifungal diseases,Malaria,Wor m Infestations,General chemo - II,peptic ulcer,Prescription audit,Prescriptions & TB communication,Evide nced based medicine(STGs),P drug(Chemo),STD                     | 1.46,PH<br>1.47,PH1.42,PH<br>1.34,Ph3.6,PH<br>3.2,PH3.8,PH | Etiopathogenesis, lab diagnosis of fungal , viral and parasitic respiratory infections, , etio-pathogenesis, clinical features and discuss the diagnostic modalities of infective endocarditis, Leprosy, HIV, PUO, Malaria . Lab diagnosis of Tuberculosis , URTI&LRTI , PUO, HIV, Malaria, endocarditis, SDL-collection & processing of blood sample for culture and sensitivity | 6.1,MI6.2,MI6.3,MI8.1<br>3                  | Hematopolesis & anemia, Microcytic anemia, Macrocytic anemia, Hemolytic anemia, Aplastic anemia, Leucocytic disorders, DOAP - Peripheral blood        | PA 13.1 to PA 13.5,PA 14.1 to PA14.3, PA 15.1 to PA15.4,PA 16.1 to PA 16.7,PA 17.1 & PA17.2,PA 18.1 & 18.2,PA 13.5,PA 14.3,PA15.3,PA 16.6,PA 10.3,PA 9.6,PA 10.1 | Injury, Court Procedure, Identification, Medical Records, Dying declaration Expert witness, Seminar, Injuries due to heat | 2.30, 3.1, 3.2, 14.20,                                | 1. Occupational Health-I (Ergonomics, Occupational environment, occupational hazards) 2. Occupational Health-II (Industrial accidents, health hazards of agricultural workers) 3. Occupational Health-III (Health problems due to industrialization, ESIS) 4. International Health 1. Introduction to excel & statistical software and role of computers in statisctics and epidemiology 2. Screening, 1. Occupational disorders of health professionals and their prevention & management 1. Physical Environment-I (Air pollution, noise, light, temperature), Physical Environment II- (Radiation, ventilation, pressure, housing, vibration) 2. Methods of Refuse Disposal 3. Arthropods of Medical Importance I- Housefly, sandfly, rat flea 4. Arthropods of Medical Importance II-Mosquito, ticks, mites, louse, Cyclops Insectisides, 5. Occupational Health 6. Disinfection and sterilization 7. Family Planning, 8. Immunization, 9. Visit to milk diproval 10. Visit to sewage treatment plant 11. Visit to public health laboratory, Clinical posting Community based Reserach- To understand concept of Research in biomedical sciences, To know components of "Research", To decide title of study, To explain how to write introduction, To formulate Aim and Objectives, To search literature for study, To write material and methods, To prepare tool for Data collection, To do data collection and analysis, To interpret results, To write discussion, limitations and recommendations, To write References, To prepare and present project report, To report submission |  |

| n.Emesis.Anemia- tron.Anemia- tron.Anemia- vix1.2, Folic acid. Hista & anti- s. Sp. PH.1.5, PH. 1.9, PH 2.1, PH. Sp. PH. 2.1, PH. Sp. PH. 2.1, PH. Sp. PH. 2.1, PH. Sp. PH. 3.2, PH.3.5, PH.3.7, PH. 3.2, PH.3.5, PH.3.7, PH. 3.4, PH.3.5, PH.3.7, PH. 3.4, PH.3.5, PH.3.7, PH. 3.5, PH.3.7, PH.3.8, PH. 3.4, PH.3.5, PH.3.7, PH.3.8, PH. 3.4, PH.3.5, PH.3.7, PH.3.8, PH. 4.4, PH.3.5, PH.3.7, PH.3.8, PH.3.8 |        | Pharmacology<br>Topics   | Ph Comp Nos.  | Micro Topics   | Micro Comp<br>numbers                  | Pathology Topics  | Patho Comp Nos  | FM Topics                                   | FM Comp Nos                                  | CM Topics   | CM Comp Nos          |
|--|--------|--|---|--|--|---|---|---|--|---|----------------------|
| Hypno,GA,Interaction with MR,RA-Gout,Pscho,Presc. Communication-OTC-PCM. Prescription criticism  Hypno,GA,Interaction with MR,RA-Gout,Pscho,Psc | August | Iron,Anemia-<br>Vit12,Folic acid ,Hista<br>& anti-<br>hista,5HT,Migraine,NS<br>AID,,Opioids,Prescripti<br>ons & TB<br>communication,,Essen<br>tial DrugsP<br>drug(Chemo),Interacti | 1.59,PH1.16,Ph<br>1.19,PH<br>3.2,PH3.5,PH3.7,PH<br>3.6,PH3.8,PH       | Bacteria agents of<br>PUO, viral haemorrgic<br>fevers , Lab diagnosis<br>of viral haemorhagic<br>fever( dengue), filaria,<br>Leishmania, Viral<br>hepatitisSDL-perform<br>& interprete a PBs for | MI2.5,<br>MI2.6,MI3.7,MI3.8,<br>MI8.13 | disorder,Blood<br>banking &<br>transfusion, Lymph<br>node &<br>Spleen,GIT,SGD -<br>Peptic ulcer, DOAP -<br>Peripheral blood<br>smear in Hemolytic<br>anemia,DOAP -TB<br>lymphnode, DOAP -<br>Hodgkins<br>Lymphoma,SDL -<br>Donor selection<br>criteria & use of blood | 21.5,PA 22.1. to PA<br>22.7,PA 19.1 to<br>PA19.2, PA19.4<br>,PA19.6,PA 24.1 to<br>PA24.7,PA 24.3,PA | Age report<br>MCCD<br>Sickness certificate, | 3.2, 2.1 to 2.19,<br>2.31, 2.32, 2.33, 2.34, | temperature), Physical Environment II- (Radiation, ventilation, pressure, housing, vibration) 2. Methods of Refuse Disposal 3. Arthropods of Medical Importance I- Housefly, sandfly, rat flea 4. Arthropods of Medical Importance II-Mosquito, ticks, mites, louse, Cyclops Insectisides, 5. Occupational Health 6. Disinfection and sterilization 7. Family Planning, 8. Immunization, 9. Visit to milk diary 10. Visit to sewage treatment plant 11. Visit to public health laboratory Clinical posting Community based Reserach-To understand concept of Research in biomedical sciences, To know components of "Research", To decide title of study, To explain how to write introduction, To formulate Aim and Objectives, To search literature for study, To write material and methods, To prepare tool for Data collection, To do data collection and analysis, To interpret results, To write discussion, limitations and recommendations, To write References, To prepare and present project report, To report submission     | 6.3, CM 6.7 , Pandem |
| Block 3  |        | Hypno,GA,Interaction<br>with MR,RA-<br>Gout,Pscho,Presc.<br>Communication-OTC-<br>PCM. Prescription  | 3.6,PH1.19,PH3.8,PH<br>5.1,PH5.2,PH5.3,PH5.4<br>,PH 3.2,PH1.10,PH 5.6 | and lab diagnosis of<br>meningitis &<br>encephalitis- include<br>TB.bacterial,viral,para<br>sitic and fungal, lab<br>diagnosis of CNS  |  | system,Urinary Tract,SGD-Bilirubin metabolism, Jaundice ,SGD-Cystic diseases of kidney ,DOAP - LFT, DOAP - Spleen, DOAP - Urinary finding,Certification competency- LFT & Viral hepatitis   | ,PA28.1 to<br>PA28.4,PA25.1,PA28.<br>12,PA 19.7   | Injury, Age of foetus,                      | 14.13,                                       | temperature), Physical Environment II- (Radiation, ventilation, pressure, housing, vibration) 2. Methods of Refuse Disposal 3. Arthropods of Medical Importance I- Housefly, sandfly, rat flea 4. Arthropods of Medical Importance II-Mosquito, ticks, mites, louse, Cyclops Insectisides , 5. Occupational Health 6. Disinfection and sterilization 7. Family Planning , 8. Immunization, 9. Visit to milk diary 10. Visit to sewage treatment plant 11. Visit to public health laboratory Clinical posting Community based Reserach- To understand concept of Research in biomedical sciences, To know components of "Research", To decide title of study, To explain how to write introduction, To formulate Aim and Objectives, To search literature for study , To write material and methods, To prepare tool for Data collection, To do data collection and analysis, To interpret results, To write discussion, limitations and recommendations, To write References, To prepare and present project report, To report submission | 6.3, CM 6.7 Pandemic |

|     | Pharmacology<br>Topics  | Ph Comp Nos.                    | Micro Topics   | Micro Comp<br>numbers                       | Pathology Topics   | Patho Comp Nos   | FM Topics   | FM Comp Nos  | CM Topics   | CM Comp Nos |
|-----|---|---------------------------------|--|---|--|--|---|--|---|-------------|
| Oct | Anti- epileptics, Pscho, LA,, P arkinsonism, Alcohol, T hyroid, Diabetes, Femal e sex hormones, Ocs, Cortico steroids, Prescription criticism, Presc. Communication- Dependence- Insomnia, Dependance , AETCOMII  | 0,PH3.8,PH                      | Etiology, pathogenesis and lab diagnosis of muscle, skin and soft tissue, bone & joint infections-Aerobic and anaerobic bacterial viral and fungal infections., Etiopathog enesis and lab diagnosis of zoonotic infections, plague and Anthrax, Rabies, Laboratory diagnosis of bacterial, fungal and viral skin & soft tissue infections. Laboratory diagnosis of Zoonotic infections SDL-lidentify the microbial agents causing meningitis. AETCOM-2.3 | MI4.1,MI4.2,MI4.3,MI8<br>.1,MI8.12,MI8.14   | Urinary tract ,FGS ,MGS SGD - Obstructive uropathy SGD - CA cervix & Ovarian tumor SGD - Endometrial carcinoma & Leiomyoma SGD - Testicular tumors SGD - BPH SDL - Semen Analysis DOAP - TFT & RFT | PA 28.6 to PA28.16 PA30.1 to PA30.9 PA 29.1 to PA 29.5 PA28.13 PA30.1 & PA 30.4 PA30.3 PA 29.1 PA29. 3 PA 23.3                         | General Toxicology, Alcohol, Injury report, Weapon examination, Seminar, Drug abuse, Alcohol, Injuries due to cold.                               | 8.1 to 8.10, 9.4, 14.1,<br>14.10, 14.10 to 14.12,<br>12.1, 9.4, 2.24 | 1. Physical Environment-I (Air pollution, noise, light, temperature), Physical Environment II- (Radiation, ventilation, pressure, housing, vibration) 2. Methods of Refuse Disposal 3. Arthropods of Medical Importance I- Housefly, sandfly, rat flea 4. Arthropods of Medical Importance II-Mosquito, ticks, mites, louse, Cyclops Insectisides , 5. Occupational Health 6. Disinfection and sterilization 7. Family Planning , 8. Immunization, 9. Visit to milk diary 10. Visit to sewage treatment plant 11. Visit to public health laboratory Clinical posting Community based Reserach-To understand concept of Research in biomedical sciences, To know components of "Research", To decide title of study, To explain how to write introduction, To formulate Aim and Objectives, To search literature for study, To write material and methods, To prepare tool for Data collection, To do data collection and analysis, To interpret results, To write discussion, limitations and recommendations, To write References, To prepare and present project report, To report submission |             |
| lov | Calcium,Oxytocics,Vac<br>cines-<br>sera,Immunosupressa<br>nts,Presc.<br>Communication-<br>Dependence-<br>Insomnia, Drugs acting<br>on skin,Presc.<br>Communication-<br>Dependence-<br>Insomnia,Presc.<br>Communication- OTC-<br>PCM,Prescription<br>audit ,Pdrug (endo) | PH 1.41,PH1.57,PH<br>3.2,PH1.10 | Role of oncogenic viruses in the evolution of of virus associated malignancies. Opportunistic infections - etiolgy, predisposing factors and lab diagnosis, emerging infections, Immune response Hypersensitivity, Autoi mmunityImmunodefici encyTransplantation and tumor immunity, interpretation of Laboratory results,   | MI1.10,MI1.11,MI8.2,<br>MI8.3,MI8.4, MI8.15 | Breast Bone & Joints CNS Endocrine SGD-Bone tumors SGD- CNS Tumor SGD- Thyroid DOAP - CA breast DOAP - CSF & Meningitis SDL- Thyroid Function test   | PA 31. 1 to PA 31. 2,PA31.4 PA 33.1 to PA33. 5 PA 35.1 to PA35.2 PA 32.1 to PA32. 9 PA 33.2 PA 35.2 PA 32.1 to PA32. 9 PA 31.3 PA 35.3 | Alcohol, Corrosives, Documents, General Toxicology, Gastric lavage, Simple Bedside clinic tests to detect poison/drug in a patient's body fluids. | 9.4, 9.1, 8.1 to 8.10,<br>8.7  | 1. Physical Environment-I (Air pollution, noise, light, temperature), Physical Environment II- (Radiation, ventilation, pressure, housing, vibration) 2. Methods of Refuse Disposal 3. Arthropods of Medical Importance I- Housefly, sandfly, rat flea 4. Arthropods of Medical Importance II-Mosquito, ticks, mites, louse, Cyclops Insectisides, 5. Occupational Health 6. Disinfection and sterilization 7. Family Planning, 8. Immunization, 9. Visit to milk diary 10. Visit to sewage treatment plant 11. Visit to public health laboratory Clinical posting Community based Reserach- To understand concept of Research in blomedical sciences, To know components of "Research", To decide title of study, To explain how to write introduction, To formulate Aim and Objectives, To search literature for study, To write material and methods, To prepare tool for Data collection, To do data collection and analysis, To interpret results, To write discussion, limitations and recommendations, To write References, To prepare and present project report, To report submission  |             |

|     | Pharmacology<br>Topics   | Ph Comp Nos.  | Micro Topics  | Micro Comp<br>numbers | Pathology Topics  | Patho Comp Nos           | FM Topics | FM Comp Nos | CM Topics | CM Comp Nos |
|-----|--------------------------|---|---|-----------------------|---|--------------------------|-----------|-------------|-----------|-------------|
| Dec | Interactions, Prescripti | PH1.8,PH 2.7,PH<br>3.2,PH1.10,PH5.6,PH<br>3.3(allign) | Microbiological<br>examination of Food,<br>water & air ,National<br>immunization<br>programme | MI8.7,MI1.9,MI8.16    | DOAP – Skin Tumours<br>Eye<br>AETCOM -Module 2.8<br>SDL – Investigations in | PA36.1<br>2.8<br>PA 35.3 | Revision  |             |           |             |
| Jan |                          |   | University exam   |                       | University exam   |                          |           |             |           |             |

NSNOW. PRINCIPAL

### BHARATI VIDYAPEETH DEEMED UNIVERSITY MEDICAL COLLEGE, PUNE DEPARTMENT OF MEDICINE II MBBS Batch (CBME)

**Lectures Schedule: Every Thursday** 

TIME: 1.30-2.30pm

**VENUE:** Ground Floor Auditorium

| Sr.No                                  | Topic                              | Competency    | Content   | Integration |
|--|------------------------------------|---------------|---|-------------|
| 1                                      | Basics of<br>Nutrition             | IM 23.1, 23.5 | <ol> <li>Physiology of Nutrition</li> <li>Regulation of energy balance</li> <li>Energy yielding nutrients(macronutrients i.e proteins,carbohydrates,fats, water)</li> <li>Overview of above Essential nutrient requirements.</li> <li>Clinical assessment &amp; investigations of nutritional status ,anthropometric measurements (by Indian Standards /ICMR criteria).</li> <li>Balance Diet</li> </ol>  |             |
| 2                                      | Water Soluble<br>vitamins<br>(WSV) | IM 23.3       | 1.Major Types of water soluble vitamins –     Know Recommended Daily Allowance of     WSV      2.Subtypes of vitamin B complex especially     B1,B6,B12,Folic Acid      3.Clinical features of deficiency of each     vitamin especially Beri-Beri Pellagra,B12   |             |
| 3                                      | Fat Soluble vitamins. (FSV)        | IM 23.3       | 1.To know 4 different types of fat soluble vitamins.  2.To know the sources of each of A, D, E, K vitamins- Know Recommended Daily Allowance of FSV  3.To know the deficiency symptoms, treatment of each of the 4 fat soluble vitamins.  |             |
| Enteral & IM 23.4 Parenteral Nutrition |                                    | IM 23.4       | 1.Indications for specialised nutritional support 2.Daily fluid requirement 3.Daily energy requirement 4.Daily Protein,fat, carbohydrate requirement 5.Daily Minerals & Vitamin requirement 6.Parenteral nutrition techniques and patient monitoring. 7.Complication of parenteral nutrition (Mechanical, Metabolic Infections) 8.Enteral nutrition-Tube placement and patient monitoring & Complications |             |

| 5  | Obesity &<br>Metabolic<br>Syndrome              | IM 14.1 14.2<br>14.3, 14.4,<br>14.5,<br>14.6,14.7<br>14.8,14.9,14.<br>10,14.11,14.1<br>2,14.13,14.14 | <ol> <li>Etiology and pathogenesis.</li> <li>Assessment &amp; Quantification of Obesity</li> <li>Obesity Syndromes -Mention Names only</li> <li>Complications</li> <li>Management - Lifestyle / Diet therapy/<br/>Drugs</li> <li>Metabolic Syndrome - D/D &amp; management</li> </ol>  |   |
|----|---|--|--|---|
| 6  | Malnutrition in Adults                          | IM 23.1,23.2   | 1.Protein Energy Malnutrition(PEM) -2     major types –Marasmus & kwashiorkor.     2.Macronutrients & Micronutrient     deficiency.     3.Nutritional Assessment by history, Physical     exam, anthropometry, laboratory studies.     4.Management of Malnutrition especially     PEM   |   |
| 7  | Malaria   | IM<br>4.6,4.23,4.26,<br>4.22, 4.15,<br>4.25, 4.24  | 1.Definition/Epidemiology     2.Types of plasmodia     3.Life cycle/clinical features.     4.Complications-cerebral malaria, blackwater fever, algid malaria syndrome,   | Pathology<br>/Community<br>Medicine /<br>Microbiology |
| 8  | Enteric Fever                                   | IM 4.3   | 1.Etiopathogenesis of Enteric Fever like salmonella typhi, paratyphi and faeco-oral route 2.Clinical features. 3.Diagnosis – Different investigations to send in different weeks like Blood Culture, Widal test, Stool and urine culture. 4.Value of Widal test 5.Complications –gastrointestinal haemorrhage, perforation, encephalopathy, carrier state) 6.Traditional and recent treatment options. |   |
| 9  | Dengue fever                                    | IM 4.3   | <ol> <li>Know about dengue virus.</li> <li>Describe clinical spectrum and laboratory tests of Dengue fever</li> <li>Describe dengue hemorrhagic fever</li> <li>Know about complications of dengue fever</li> <li>Discuss management of dengue fever and dengue hemorrhagic shock.</li> </ol>   |   |
| 10 | Infective<br>Diarrhoeas<br>including<br>Cholera | IM<br>16.1,16.2,16.<br>3,16.4,16.6,1<br>6.7,16.8,16.1<br>0,16.11,16.12<br>,16.14                     | <ol> <li>Etiopathogenesis,define acute and chronic<br/>Diarrhoea.</li> <li>Types - Infectious,non Infectious,</li> <li>Mechanisms including secretory /invasive<br/>types</li> <li>Laboratory evaluation and diagnosis</li> <li>Complications of diarrhoea</li> <li>Management</li> </ol>  | Microbiology  |

| 11 | Amoebiasis and<br>Giardiasis            | IM 16.13  | 1 Etiopathogenesis 2 Life cycle and transmission 3 Clinical features-intestinal and extraintestinal, complications. 4 Diagnosis 5 Treatment  |  |
|----|---|---|--|--|
| 12 | Diptheria<br>,Tetanus & Gas<br>Gangrene | IM<br>25.1,25.2,25.<br>3  | <ol> <li>Etiopathogenesis of tetanus.</li> <li>Clinical features of tetanus.</li> <li>Complications of tetanus.</li> <li>Special types of tetanus.</li> <li>Treatment and prevention of tetanus.</li> <li>Etiological Agent of gas gangrene— C perfringens, C septicum</li> <li>Pathogenesis</li> <li>Clinical Manifestation</li> <li>Severity features &amp; complication</li> <li>Treatment and prevention of gas gangrene.</li> </ol> |  |
| 13 | Leptospirosis                           | IM<br>25.1,25.2,25.<br>3  | Etiopathogenesis of Leptospirosis.     Clinical features of Leptospirosis     Severity features & complication     Treatment and prevention  |  |
| 14 | Exam on above topics                    |   | Short Answer Question /Multiple Choice<br>Question type (Duration 1hour)   |  |
| 15 | Pneumonia                               | IM 3.1, IM<br>3.2, IM 3.3,<br>IM3.15,<br>IM3.16, IM<br>3.17, IM3.19 | Community Acquired Pneumonia  1. Definition  2. Classification  3. Etiology and Risk factors  4. Severity assessment Investigations & treatment  |  |
|    |   |   | Hospital Acquired Pneumonia /Ventilator Acquired Pneumonia  1. Definition 2. Etiology and Risk factors 3. PSI 4. Investigations & treatment  |  |
| 16 | Pleural effusion                        | IM 3.1, IM<br>3.2, IM 3.3,<br>IM3.15,<br>IM3.16, IM<br>3.17, IM3.19 | 1. Definition 2. Mechanics of pleural fluid formation 3. Causes of pleural effusion 4. Clinical and Radiological features 5. Tests on pleural fluid 6. Management of pleural effusion  |  |
| 17 | Empyema & lung abscess                  | IM 3.1, IM<br>3.2, IM 3.3,<br>IM3.15,<br>IM3.16, IM<br>3.17, IM3.19 | Define empyema & lung abscess     Causes     Complications   |  |
| 18 | Pneumothorax                            |   | 1. Definition 2. Types 3. Etiology   |  |

|    |                           |  | <ul><li>4. Clinical presentation</li><li>5. Tension pneumothorax</li><li>6. Management</li></ul>   |   |
|----|---------------------------|--|--|---|
| 19 | Bronchiectasis            |  | Definition     Classification     Medical management   |   |
| 20 | Asthma                    | CT 2.1,<br>CT2.2, 2.3,<br>CT2.4, CT<br>2.6, CT2.7<br>CT2.8,<br>CT2.10,<br>CT2.11, CT<br>2.15, CT2.16,<br>CT2.17, CT<br>2.18, CT<br>2.19, CT<br>2.20, CT2.26          | Definition     Clinical Features     Triggering Factors     Management in exacerbation and stable asthma   | Respiratory<br>medicine<br>Physiology/<br>Pathology |
| 21 | COPD                      | CT 2.1,<br>CT2.2, 2.3,<br>CT2.4,<br>CT2.5, CT<br>2.6, CT2.7<br>CT2.8<br>CT2.10,<br>CT2.11, CT<br>2.15, CT2.16,<br>CT2.17, CT<br>2.18, CT<br>2.19, CT<br>2.20, CT2.26 | <ol> <li>Definition</li> <li>Etiology and Risk factors</li> <li>Exacerbation</li> <li>Investigations-</li> <li>Spirometry</li> <li>Chest Xray</li> <li>Management</li> </ol> | Respiratory medicine                                |
| 22 | Pulmonary<br>embolism     |  | Definition     Risk factors     Clinical presentation  |   |
| 23 | Acute respiratory failure |  | Definition     Types     Clinical Presentation   |   |
| 24 | Lung cancer               | IM 13.1, IM<br>13.2, IM<br>13.3, IM<br>13.4, IM<br>13.5, IM 13.6   | Classify Ca lung Epidemiology     Risk factors pathology clinical features   |   |
| 25 | Exam on above topics      |  | Short Answer Question /Multiple Choice<br>Question type (Duration 1hour)   |   |

#### BHARATI VIDYAPEETH DEEMED UNIVERSITY MEDICAL COLLEGE, PUNE DEPARTMENT OF SURGERY HIrd SEMSTER (CBME)

Term: Phase II Batch Feb 2021 (Block I - 15.02.21 to 22.05.21)

Lectures: Every Saturday

TIME: 8:30 am to 9:30 pm

**VENUE:** Ground Floor

Auditorium

| Sr. No | Topic   | Competency         | Content   | Teacher                     |  |
|--------|---|--------------------|---|-----------------------------|--|
| 1      | Introduction                                  |                    | Subject content, T-L activities, Assessment, Recommended books  |                             |  |
| 2      | Wounds – I                                    | SU 5.1<br>5.2      | Normal wound healing factors effecting wound healing, various types of wound and  |                             |  |
| 3      | Wounds – II                                   | 5.3                | management Metabolic response to injury, factors  |                             |  |
|        |   | SU 1.1, 1.2        | affecting metabolic response.  Basic concept of per operative care Keloid,  |                             |  |
| 5      | Wounds – III                                  | SU 1.3             | hypertrophic scar   |                             |  |
|        | Shock -I                                      | SU 2.1             | Definition and types of shock,  |                             |  |
| 7      | Shock - II                                    | S U 2.1            | Pathophysiology   |                             |  |
| 8      | Shock -III Trauma I                           | SU 2.2<br>SU 17.3  | Clinical features and management  General ABCD approach to trauma management, definition, Trauma, polytrauma, triage  |                             |  |
| 9      | Trauma II                                     | SU 17.7            | Disaster, definition pre pedness, Clinical features of soft tissue injury, crush injury: Investigations and principals of management, Blast injuries management |                             |  |
| 10     | Surgical<br>Nutrition- I                      | SU 12.1            | Causes and consequences of malnutrition in surgical patient.  |                             |  |
| 11     | Surgical<br>Nutrition –II                     | SU 12.2<br>SU 12.3 | Estimation and replacement of fluid and electrolytes and nutrition in surgical patients Methods of providing nutritional support and complications.             | Allined<br>with<br>medicine |  |
| 10     | Perioperative                                 | SU 9               | rational to investigations and perioperative  |                             |  |
| 12     | surgical care                                 | SU 10              | management of surgical patients   |                             |  |
| 13     | Burns-I                                       | SU 4.1<br>SU 4.2   | Definitions, Pathophysiology, clinical features Diagnose types and extend of burn   |                             |  |
| 14     | Burns-II                                      | SU 4.3             | Management, documentation and medico legal aspect of burns  |                             |  |
| 15     | Skin – I<br>Infection                         | S U 18.1           | Management of skin infection  1. Acute : furuncle, carbuncle, erysipelas, Gas gangrene, Necrotizing Fasciitis  2. Chronic: T.B. Leprosy, Actinomycosis          |                             |  |
| 16     | Skin – II<br>Tumors,<br>Benign &<br>Malignant | SU 18.2            | Classify skin tumors, differentiate different skin tumors and discuss their management.   |                             |  |
| 17     | Blood<br>transfusion                          | Su 3.1             | Blood group,Blood components,<br>Indications, Transfusion, reaction, Massive<br>transfusion.  | ht:                         |  |
| 18     | Lymphatic system                              | Su 27.7            | Lymphedema, lymphangitis and Lymphomas:   |                             |  |

| Sr. No                           | Topic                  | Competency         | Content   | Teacher |
|----------------------------------|------------------------|--------------------|---|---------|
|                                  |                        |                    | Describe pathophysiology, clinical features<br>,investigations and principles of<br>management  |         |
| 19                               | Arterial system        | Su27.1<br>Su 27.3  | Vasospastic and vasoocclusive disease:<br>Describe pathophysiology, clinical features<br>,investigations and principles of<br>management                                  |         |
| 20                               | Arterial system        | Su27.4             | Types of Gangrene and principles of Aputation   |         |
| 21                               | Venous<br>system       | Su 27.5<br>Su 27.6 | Anatomy of venous system Varicose veins and DVT: Describe pathophysiology, clinical features ,investigations and principles of management and management of complications |         |
| 22 Hernia<br>General – I SU 28.1 |                        | SU 28.1            | Inguinal hernia, Femoral Hernia, definition pathophysiology, Clinical features, investigations & Principals of management.  |         |
| 23                               | Hernia<br>General – II |                    | Types of Hernia, Para umbilical hernia,<br>Umbilical Hernia, Epigastric hernia and<br>other hernia types, Incisional hernia,<br>Anatomy of abdominal wall.                |         |
| 24                               | Hernia – III           |                    | Principals of Laparoscopic management of<br>Hernia  |         |

# BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY) MEDICAL COLLEGE, PUNE DEPARTMENT OF OBGY

3<sup>rd</sup> Semester (II<sup>nd</sup> professionals) Lecture Timetable

| Sr<br>No. | Competency        | Topic   | Teaching<br>Methodology | Subject<br>Alignment/Integ<br>ration |  |
|-----------|-------------------|---|-------------------------|--------------------------------------|--|
| T         | opic—Anatomy      | of female genital tract 2Hr   |                         | THEOR                                |  |
| 1         | OG2.1             | Anatomy of Female Reproductive system, Applied Anatomy & Relationships part 1 [ Uterus]                                   | lecture                 | Human anatomy                        |  |
| 2         | OG2.1             | Anatomy of Female Reproductive system, Applied Anatomy& Relationships part II [ Fallopian tubes, ovary, perineum & Vagina | lecture                 |                                      |  |
| Topi      | c -Physiology o   | f conception 3hrs   |                         |                                      |  |
| 3         | OG3.1             | Physiology of Menstruation  | lecture                 | Physiology                           |  |
| 4         | OG3.1             | Physiology of Ovulation, Development of Follicle &Gametogeneis  | lecture                 | Physiology                           |  |
| 5         | OG3.1             | Physiology of Fertilization & Implantation  | lecture                 | Physiology                           |  |
| Top       | ic: Development   | of the fetus and placenta 4 hrs   |                         |                                      |  |
| 6         | OG4.1             | Basic embryology of the fetus and factors influencing fetal growth and development  | lecture                 | Human anatomy                        |  |
| 7         | OG4.1             | Development of Placenta and Placental functions   | lecture                 | Human anatomy                        |  |
| 8         | OG4.1             | Fetal Circulation & Teratogenesis   | lecture                 | Human anatomy                        |  |
| 9         | OG4.1             | Formation of Amniotic Fluid & Applied Importance  | lecture                 |                                      |  |
| Topi      | ic — Diagnosis of | pregnancy 2 Hr  |                         |                                      |  |
| 10        | OG6.1             | Diagnosis of Pregnancy and Differential Diagnosis of Pregnancy part 1   | lecture                 |                                      |  |
| 11        | OG6.1             | Diagnosis of Pregnancy and<br>Differential Diagnosis of Pregnancy<br>part II  | lecture                 |                                      |  |
| Top       | ic: Maternal Ch   | anges in Pregnancy 2 hrs  |                         |                                      |  |
| 12        | OG7.1             | Maternal Adaptations to Pregnancy I<br>[Genital Tract, CVS, RS]   | lecture                 |                                      |  |
| 13        | OG7.1             | Maternal Adaptations to Pregnancy II [Hemat, Renal, GIT]  | lecture                 |                                      |  |
| Top       | ic: Antenatal Ca  |   |                         |                                      |  |
| 14        | OG8.1             | Antenatal Care: Objectives,<br>Assessment of Gestational Age.   | lecture                 |                                      |  |
| 15        | OG8.1             | Antenatal Care: History, Obstetrics<br>History, Screening of High Risk<br>Pregnancy                                       | lecture                 |                                      |  |
| 16        | OG8.1             | Antenatal Care: Basic Investigations and Medications  | lecture                 |                                      |  |

| Revision                              |  |
|---------------------------------------|--|
| 1st internal assessment               |  |
| Feedback of first internal assessment |  |

| 17    | OG13.1        | Physiology of Normal Labor,      | Lecture           |
|-------|---------------|----------------------------------|-------------------|
| 17    | 0015.1        | Stages of Labor, Overview of     | Lecture           |
|       |               | Mechanism of Labor part I        |                   |
| 18    | OG13.1        | Physiology of Normal Labor,      | Lestons           |
| 10    | 0013.1        |                                  | Lecture           |
|       |               | Stages of Labor, Overview of     |                   |
| 10    | OG14.1        | Mechanism of Labor part II       |                   |
| 19    | OG14.1        | Maternal Pelvis: Types,          | Lecture           |
|       |               | Diameters and Applied            |                   |
| 12330 |               | Importance partI                 |                   |
| 20    | OG14.1        | Maternal Pelvis: Types,          | Lecture           |
|       |               | Diameters and Applied            |                   |
|       |               | Importance partII                |                   |
| Top   |               | & Puerperium 2hrs                |                   |
| 21    | OG17.1        | Physiology of Lactation and      | Lecture           |
|       |               | Applied Importance               |                   |
| 22    | OG19.1        | Physiology of Puerperium and     | Lecture           |
|       |               | Applied Importance               |                   |
| Top   | ic: Vaginal D | Discharge 2 hrs                  |                   |
| 23    | OG22.1        | Physiology of Vaginal            | Lecture           |
|       |               | Discharge and Characteristics    | 5-68-c 5-23-96-57 |
| 24    | OG22.2        | Etiology (with special emphasis  | lecture           |
|       |               | on                               |                   |
|       |               | Candida, T. vaginalis, bacterial |                   |
|       |               | vaginosis), characteristics,     |                   |
|       |               | clinical diagnosis,              |                   |
|       |               | investigations, genital hygiene, |                   |
|       |               | management of common causes      |                   |
|       |               | and the syndromic management     |                   |
| Горі  | c: Normal P   | uberty 1 hr                      |                   |
| 25    | OG23.1        | Physiology of puberty, features  | Lecture           |
|       |               | of abnormal puberty              |                   |
| ntor  | nal assessmen |                                  |                   |

| Topic  | Competency Number                                  |  |
|--|--|--|
| Anatomy of Female Reproductive system, Applied Anatomy & Relationships part 1,part 2 [Uterus],Physiology of Menstruation Physiology of Ovulation, Development of Follicle &Gametogeneis Physiology of Fertilization & Implantation.Basic embryology of the fetus and factors influencing fetal growth and development, Development of Placenta and Placental functions, Fetal Circulation & Teratogenesis , Formation of Amniotic Fluid & Applied, ,Importance,Diagnosis of Pregnancy and Differential Diagnosis of Pregnancy part 1, Diagnosis of Pregnancy and Differential Diagnosis of Pregnancy part II,Maternal Adaptations to Pregnancy II [Genital Tract, CVS, RS], Maternal Adaptations to Pregnancy II [Hemat, Renal, GIT],Antenatal Care: Objectives, Assessment of Gestational Age,Antenatal Care: History, Obstetrics History, Screening of High Risk Pregnancy,Antenatal Care: Basic Investigations and Medications,Physiology of Normal Labor, Stages of Labor, Overview of Mechanism of Labor part I,Physiology of Normal Labor, Stages of Labor, Overview of Mechanism of Labor part II, Maternal Pelvis: Types, Diameters and Applied Importance partII,Maternal Pelvis: Types, Diameters and Applied Importance partII,Physiology of Vaginal Discharge and Characteristics Etiology (with special emphasis on Candida, T. vaginalis, bacterial vaginosis), characteristics, clinical diagnosis, investigations, genital hygiene, management of common causes and the syndromic management,Physiology of puberty, features of abnormal puberty | 13.1,OG14.1,OG17.1,OG19.1,OG22.1,OG22.2,<br>OG23.1 | alignment/integration<br>physiology, human<br>anatomy, general<br>medicine |

# BHARATI VIDYAPEETH (DEEMED TO BE) UNIVERSITY MEDICAL COLLEGE, PUNE. TIME-TABLE FOR EXAMINATIONS OF 2nd M.B.B.S. (Phase 2) STUDENTS (Admission BATCH - 2019) Block 1: 15/02/2021 to 30/05/2021

Block 1: First Internal Assessment (Only Theory, 5 subjects):

| Date     | Day       | Time               | Subject       | Marks |
|----------|-----------|--------------------|---------------|-------|
| 18-05-21 | Tuesday   | 9.30 am - 12.30 pm | Pharmacology  | 100   |
| 19-05-21 | Wednesday |                    | Pathology     | 100   |
| 20-05-21 | Thursday  |                    | Microbiology  | 100   |
| 21-05-21 | Friday    | 9.30 am - 12.30 pm | Forensic Med  | 100   |
| 22-05-21 | Saturday  |                    | Comm Medicine | 100   |

## Block 2: 31/05/2021 to 26/09/2021

### Block 2: Second Internal Assessment (Theory & Practical, 5 subjects)

#### Theory Examination:

| Date       | Day       | Time                | Subject       | Marks |
|------------|-----------|---------------------|---------------|-------|
| 13-09-2021 | Monday    | 9.30 am to 12.30 pm | Pharmacology  | 100   |
| 14-09-2021 | Tuesday   | 9.30 am to 12.30 pm | Pathology     | 100   |
| 15-09-2021 | Wednesday | 9.30 am to 12.30 pm | Microbiology  | 100   |
| 16-09-2021 | Thursday  | 9.30 am to 12.30 pm | Forensic Med  | 100   |
| 17-09-2021 | Friday    | 9.30 am to 12.30 pm | Comm Medicine | 100   |

### Practical Examination including Viva (70+30+25)= 125 Marks

#### Practical Examination- 9am onwads

| Date       | Day       | Pharmacology | Pathology | Microbiology | FMT | Community<br>Medicine |
|------------|-----------|--------------|-----------|--------------|-----|-----------------------|
| 18-09-2021 | Saturday  | A            | В         | C            | D   | E                     |
| 21-09-2021 | Tuesday   | В            | С         | D            | E   | F                     |
| 22-09-2021 | Wednesday | С            | D         | E            | F   | Δ                     |
| 23-09-2021 | Thursday  | D            | E         | F            | Δ   | D                     |
| 24-09-2021 | Friday    | Е            | F         | A            | R   | С                     |
| 25-09-2021 | Saturday  | F            | A         | R            | C   | D                     |

Batch (Roll Nos): Batch A (1-25), B (26-50), C (51-75), D (76-100), E (101-125), F (126-150)

Marks Distributin for Practical Examination: Practicals 70 marks, Viva 30 marks, Journal & Logbook 25 marks.

Block 3: 27/09/2021 to 31/12/2021

# TIME-TABLE FOR PRELIMINARY EXAMINATION OF 2nd M.B.B.S. (Phase 2) STUDENTS (Admission Batch 2019, Phase 2: 15th Feb 2021-Dec 2022)

#### PRELIMINARY EXAMINATION: THEORY

| Date     | Day       | Time                      | Subject                       | Marks |
|----------|-----------|---------------------------|-------------------------------|-------|
| 06-12-21 | Friday    | Friday 9.30 am - 12.30 pm |                               | 100   |
| 07-12-21 | Saturday  | 9.30 am - 12.30 pm        | Pharmacology-1 Pharmacology-2 | 100   |
| 08-12-21 | Monday    | 9.30 am - 12.30 pm        | Pathology-1                   | 100   |
| 09-12-21 | Tuesday   | 9.30 am- 12.30 pm         | Pathology-2                   | 100   |
| 10-12-21 | Wednesday | 9.30 am -12.30 pm         | Microbiology-1                | 100   |
| 11-12-21 | Thursday  | 9.30 am -12.30 pm         | Microbiology-2                | 100   |

#### <u>Practical Examination</u> <u>Practical/Clinical exam including Viva (70+ 30+25)= 125 Marks</u>

#### Practical Examination- 9am onwads

| Date       | Day       | Pharmacology | Pathology | Microbiology | FMT | Community<br>Medicine |
|------------|-----------|--------------|-----------|--------------|-----|-----------------------|
| 24-12-2021 | Friday    | A            | В         | C            | D   | E                     |
| 27-12-2021 | Monday    | В            | С         | D            | Е   | F                     |
| 28-12-2021 | Tuesday   | С            | D         | E            | F   | Δ                     |
| 29-12-2021 | Wednesday | D            | Е         | F            | Δ   | R                     |
| 30-12-2021 | Thursday  | Е            | F         | A            | R   | C                     |
| 31-12-2021 | Friday    | F            | A         | B            | C   | D                     |

Batch (Roll Nos): Batch A (1-25), B (26-50), C (51-75), D (76-100), E (101-125), F (126-150 + repeaters)

Marks Distributin for Practical Examination: Practicals 70 marks, Viva 30 marks, Journal & Logbook 25 marks.

Note: (1) Attendance is compulsory for all the examinations

- (2) Scores of all these examinations contruibute towards internal assessment
- (3) Syllabus for the examinations will be declared by respective departments.

#### PHASE II CLINICAL POSTINGS

|         | 4-1 to 10-1<br>11-1 to 17-1<br>18-1 to 24-1<br>25-1 to 31-1<br>1-2 to 7-2<br>8-2 to 14-2 | 15-2 to 21-2<br>22-2 to 28-2<br>1-3 to 7-3<br>8-3 to 14-3 | 15-3 to 21-3<br>22-3 to 28-3<br>29-3 to 44<br>5-4 to 11-4 | 12-4 to 18-4<br>19-4 to 25-4<br>26-4 to 2-5 | 3-5 to 9-5<br>10-5 to 16-5 | 17-5 to 23-5 | 24-5 to 30-5<br>31-5 to 6-6 | 7-6 to 13-6<br>14-6 to 20-6 | 21-6 to 27-6<br>28-6 to 4-7 | 5-7 to 11-7<br>12-7 to 18-7 | 19-7 to 25-7<br>26-7 to 1-8<br>2-8 to 8-8 | 9-8 to 15-8 | 16-8 to 22-8<br>23-8 to 29-8 | 30-8 to 5-9<br>6-9 to 12-9<br>13-9 to 19-9 | 27-9 to 3-10<br>4-10 to 10-10<br>11-10 to 17-10 | 25-10 to 31-10 | 1-11 to 7-11 | 8-11 to 14-11<br>15-11 to 21-11<br>22-11 to 28-11 | 29-11 to 5-12<br>6-12 to 12-12<br>13-12 to 19-12<br>20-12 to 26-12<br>27-12 to 02-1 |        |
|---------|--|---|---|---|----------------------------|--------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---|-------------|------------------------------|--|---|----------------|--------------|---|---|--------|
|         |  |   |   |   | MID                        | MISSE        | )                           | 10                          | EN                          | T                           | ENT                                       |             |                              | ENT  | ENT   | E              |              | ENT   |   | •      |
| III SEM |  | M S G   | M S G   | M S G                                       | TERM                       | POST         | M S                         | G                           | OPT                         | TH                          | OPTH                                      |             | TERM                         | OPTH                                       | OPTH  | 0              | DI           | ОРТН  |   |        |
|         |  |   |   |   | EXAM                       | ING          |                             |                             | CN                          | 1                           | CM  |             | EXAM                         | CM   | CM  | C              | WA           | CM  |   | IV SEM |
|         |  | DER/PSY   | DER/PSY   | DER/PSY                                     |                            |              | DER/PSY                     |                             | RAD/                        | ORT                         | RAD/O                                     | RT          |                              | RAD/ORT                                    | RAD/ORT   | R/O            | LI           | RAD/ORT   |   |        |
|         |  |   |   |   |                            |              |                             |                             | PED/                        | RM                          | PED/R                                     | M           |                              | PED/RM                                     | PED/RM  | P/R            | 2            | PED/RM  |   |        |
|         |  | 4   | BATCHES (A/B/   | C/D1+D2) X 4 WE                             | EKS EACH (                 | 16 WEE       | KS)                         |                             |                             |                             | 5 BATCHE                                  | (A/B        | /C/D1+D                      | 2/E1+E2) X 4 V                             | EEKS EACH (20                                   | WEEKS          | 5)           |   |   |        |

M = MEDICINE 4 S = SURGERY 4 G= GYNAECOLOGY 4

CM = COMMUNITY MEDICINE 4

**OPTH= OPTHALMOLOGY 4** 

P= PEDIATRICS 2

O= ORTHOPEDICS 2

D = DERMATOLOGY 2

RM= RESPIRATORY MEDICINE 2

PSY= PSYCHIATRY 2

E= ENT 4

RAD= RADIOLOGY 2



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Medical College Pune - 411 043.



# **BHARATI VIDYAPEETH**

(Deemed to be University) Pune, India



### MEDICAL COLLEGE, PUNE

PUNE -SATARA ROAD, PUNE - 411 043.

Phase II MBBS

CLINICAL POSTING

Roll Nos.: 01 to 150 (Phase II) +02 (Old Course)

Posting Period: 15/02/2021 to 20/06/2021.

Please Note: The Time For Clinical Posting will be from 9.30 AM to 12.30 PM

| Posting Period           | Med. | Surg.  | Ob. & Gy. | Dermatology,<br>Venereology<br>& Leprosy | Psychiatry |
|--------------------------|------|--------|-----------|--|------------|
| 15/02/2021 to 28/02/2021 |      | D      |           | D1                                       | D2         |
| 01/03/2021 to 14/03/2021 | A    | В      | С         | D2                                       | D1         |
| 15/03/2021 to 28/03/2021 |      |        | -         | C1                                       | C2         |
| 29/03/2021 to 11/04/2021 | D    | A      | В         | C2                                       | C1         |
| 12/04/2021 to 25/04/2021 |      | -      |           | B1                                       | B2         |
| 26/04/2021 to 09/05/2021 | С    | D      | A         | B2                                       | B1         |
| 10/05/2021 to 16/05/2021 | 2    |        | Mid Te    | erm Examination                          | 1          |
| 17/05/2021 to 23/05/2021 |      | Sports | s and Ex  | tra Curricular A                         | ctivities  |
| 24/05/2021 to 06/06/2021 | В    | C      | D         | A1                                       | A2         |
| 07/06/2021 to 20/06/2021 | В    |        | D         | A2                                       | A1         |

<u>Batches</u>: - \*\*\* The students passing supplementary examination will join regular batches from 1<sup>st</sup> week of April 2021 & the batches will be reorganized after that.

| <b>A</b> = 1 to 38            | <b>A1</b> = 1 to 19    | <b>A2</b> = 20 to 38          |
|-------------------------------|------------------------|-------------------------------|
| <b>B</b> = 39 to 76           | <b>B1</b> = 39 to 57   | <b>B2</b> = 58 to 76          |
| <b>C</b> = 77 to 114          | <b>C1</b> = 77 to 95   | <b>C2</b> = 96 to 114         |
| <b>D</b> = 115 to 152 Onwards | <b>D1</b> = 115 to 133 | <b>D2</b> = 134 to 152 Onward |

#### Copy to: -

| HOD Medicine. (With Roll Calls)    | HOD Surgery (With Roll Calls)                              |
|------------------------------------|--|
| HOD Obst. & Gyn. (With Roll Calls) | HOD Psychiatry (With Roll Calls)                           |
| Superintendent Bharati Hospital    | HOD Dermatology Venereology &<br>Leprosy (With Roll Calls) |
| Notice Board Bharati Hospital      | Notice Board College.                                      |

Date: 25/03/2021



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# BHARATI VIDYAPEETH

(Deemed to be University)
Pune, India



PUNE -SATARA ROAD, PUNE - 411 043.

Phase II MBBS

CLINICAL POSTING

Roll Nos.: 01 to 150 (Phase II) +02 (Old Course)

Posting Period: 21/06/2021 to 28/11/2021.

Please Note: The Time For Clinical Posting will be from 9.30 AM to 12.30 PM

| Posting Period           | ENT                      | Opht.    | CM   | Radiology   | Ortho.  | Paediatrics   | Respiratory<br>Medicine |
|--------------------------|--------------------------|----------|------|-------------|---------|---------------|-------------------------|
| 21/06/2021 to 04/07/2021 | Λ                        | В        | С    | D1          | D2      | E1            | E2                      |
| 05/07/2021 to 18/07/2021 | A                        | Б        |      | D2          | D1      | E2            | E1                      |
| 19/07/2021 to 01/08/2021 | . D                      | 0        | -    | E1          | E2      | A1            | A2                      |
| 02/08/2021 to 15/08/2021 | В                        | С        | D    | E2          | E1      | A2            | A1                      |
| Term End Examination     | 16/08                    | /2021 to | 22/0 | 08/2021 and | 23/08/2 | 2021 to 29/08 | /2021                   |
| 30/08/2021 to 12/09/2021 |                          | Б        | Е    | A1          | A2      | B1            | B2                      |
| 13/09/2021 to 26/09/2021 | C                        | D        |      | A2          | A1      | B2            | B1                      |
| 27/09/2021 to 10/10/2021 | -                        |          | A    | В1          | B2      | C1            | C2                      |
| 11/10/2021 to 24/10/2021 | D                        | E        |      | B2          | В1      | C2            | C1                      |
| 25/10/2021 to 14/11/2021 | E                        | Α        | В    | C1          | C2      | D1            | D2                      |
| 15/11/2021 to 28/11/2021 |                          |          |      | C2          | C1      | D2            | D1                      |
| Diwali Vacation          | 01/11/2021 to 07/11/2021 |          |      |             |         |               |                         |

#### Batches: -

| <b>A</b> = 1 to 30            | <b>A1</b> = 1 to 15    | <b>A2</b> = 16 to 30           |
|-------------------------------|------------------------|--------------------------------|
| <b>B</b> = 31 to 60           | <b>B1</b> = 31 to 45   | <b>B2</b> = 46 to 60           |
| <b>C</b> = 61 to 90           | <b>C1</b> = 61 to 75   | <b>C2</b> = 76 to 90           |
| <b>D</b> = 91 to 120          | <b>D1</b> = 91 to 105  | <b>D2</b> = 106 to 120         |
| <b>E</b> = 121 to 150 ONWARDS | <b>E1</b> = 121 to 135 | <b>E2</b> = 136 to 150 ONWARDS |

#### Copy to: -

| HOD ENT. (With Roll Calls)          | HOD Community Medicine(With Roll Calls)    |
|-------------------------------------|--|
| HOD Ophthalmology (With Roll Calls) | HOD Pediatrics (With Roll Calls)           |
| Superintendent Bharati Hospital     | HOD Respiratory Medicine (With Roll Calls) |
| HOD Orthopedics (With Roll Calls)   | HOD Radiology (With Roll Calls)            |
| Notice Board Bharati Hospital       | Notice Board College.                      |

Date: 25/03/2021



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# Bharati Vidyapeeth Deemed to be Vidyapeeth Medical College, Pune Phase 2: Block wise Teaching Hours

**Block 1:** Teaching: 15 Feb 2021 - 16 May 2021 = 13 wks

| Subject                     | Lecture Hours | Small Group Teaching/ Tutorial/ Integrated learning/ Practical(hours) | Self-Directed<br>learning (SDL)<br>assignment and<br>task completion,<br>living experiences,<br>reflection (hours) | Total<br>(Hours) |
|-----------------------------|---------------|---|--|------------------|
| Pharmacology                | 26            | 46  | 4  | 76               |
| Pathology                   | 26            | 46  | 4  | 76               |
| Microbioogy                 | 26            | 46  | 4  | 76               |
| Forensic Mdicine            | 13            | 12  |  | 25               |
| Community Mdicine           | 13            | 26  | 5  | 44               |
| Clinical Subjects           | 39            | 195   |  | 234              |
| AETCOM                      |               | 4   | 2  | 6                |
| Sports &<br>Extracurricular |               |   |  |                  |
| Total                       | 143           | 375   | 19   | 537              |

**Block 2: Teaching: 31 May 2021 - 12 Sept 2021 = 15 Wks** 

| Subject                     | Lecture Hours | Small Group Teaching/ Tutorial/ Integrated learning/ Practical(hours) | Self-Directed<br>learning (SDL)<br>assignment and<br>task completion,<br>living experiences,<br>reflection (hours) | Total<br>(Hours) |
|-----------------------------|---------------|---|--|------------------|
| Pharmacology                | 33            | 64  | 4  | 101              |
| Pathology                   | 34            | 62  | 4  | 100              |
| Microbioogy                 | 30            | 56  | 4  | 90               |
| Forensic Mdicine            | 15            | 16  |  | 31               |
| Community Mdicine           | 8             | 16  | 5  | 29               |
| Clinical Subjects           | 45            | 225   |  | 270              |
| AETCOM                      |               | 12  | 4  | 16               |
| Sports &<br>Extracurricular |               | 30  |  | 30               |
| Total                       | 165           | 481   | 21   | 667              |

**Block 3:** Teaching: 27 Sept 2021 - 16 Dec 2021 = 9 wks

| Subject                     | Lecture Hours | Small Group Teaching/ Tutorial/ Integrated learning/ Practical(hours) | Self-Directed<br>learning (SDL)<br>assignment and<br>task completion,<br>living experiences,<br>reflection (hours) | Total<br>(Hours) |
|-----------------------------|---------------|---|--|------------------|
| Pharmacology                | 27            | 42  | 4  | 73               |
| Pathology                   | 27            | 40  | 4  | 71               |
| Microbioogy                 | 27            | 32  | 2  | 61               |
| Forensic Mdicine            | 9             | 8   | 5  | 22               |
| Community Mdicine           |               |   |  |                  |
| Clinical Subjects           |               | 120   |  | 120              |
| AETCOM                      |               | 16  | 4  | 20               |
| Sports &<br>Extracurricular |               |   |  |                  |
| Total                       | 90            | 258   | 19   | 367              |

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### Phase 2: Blocks 1,2, 3: Teaching: 15th Feb - 4 Dec 2021 = 37 wks

Distribution of Teaching Hours: provisioned as recommended by NMC & utilization of additional hours available

| Subject                     | Lecture Hours |            | Small Group Teaching/<br>Tutorial/ Integrated<br>learning/<br>Practical(hours) |            | Self-Directed learning<br>(SDL) assignment and<br>task completion, living<br>experiences, reflection<br>(hours) |            | Total Hours / subject available as recomme nded | Utilization of<br>Additional hrs<br>available * |
|-----------------------------|---------------|------------|--|------------|---|------------|---|---|
|                             | Recommended   | Additional | Recommended  | Additional | Recommended   | Additional | Available                                       |   |
| Pharmacology                | 80            | 6          | 138  | 14         | 12  |            | 230   | <b>20</b> = 6 FA, <b>6 Pand</b> , 8 Rev         |
| Pathology                   | 80            | 7          | 138  | 12         | 12  |            | 230   | 19 = 7 FA, 12 Rev                               |
| Microbiology                | 70            | 12         | 110  | 28         | 10  |            | 190   | <b>40</b> = 12 FA, <b>10 Pand</b> , 18 Rev      |
| Forensic<br>Medicine        | 15            | 22         | 30   | 6          | 5   |            | 50  | <b>28</b> = 8 FA, 6 Rev, 14 ??                  |
| Community<br>Med            | 20            | 1          | 30   | 12         | 10  |            | 60  | 13 = 1 FA, 12 Pand                              |
| Clinical<br>Subjects        | 75            | 9          | 540 (36wks)  |            |   |            | 615   | 9 = 9 FA / IA                                   |
| AETCOM                      |               |            | 29   | 3          | 8   | 2          | 37  | 5 = 3 FA, 2 Rev                                 |
| Sports &<br>Extracurricular |               |            | 28   | 2          | PI.   |            | 28  | 2   |
| Total                       | 340           | 57         | 1043   | 77         | 57  | 2          | 1440  | 134 hrs   |

<sup>\*</sup> Additional Hrs utilization: FA = Formative Assessment, Pand = Pandemic Module, Rev = Revision

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# BHARATI VIDYAPEETH DEEMED UNIVERSITY MEDICAL COLLEGE, PUNE DEPARTMENT OF MEDICINE II MBBS Batch (CBME) Practical Schedule

| Days Allotted                                    | Topics to be covered  | Competency<br>number                                 | Hours required | T-L method                             |
|--|---|--|----------------|--|
| 4 weeks (60<br>hours) 3hrs/day<br>from Mon – Fri | 1.History taking & developing rapport with the patient -1   | IM 4.9   | 3 (2+1)        | Bedside Clinic +<br>Clinical Clerkship |
|  | 2. History taking- 2  | IM 4.9   | 3 (2+1)        | Bedside Clinic +<br>Clinical Clerkship |
|  | 3.General Examination -1 (Pulse ,B.P)   | IM<br>8.10,8.19,1.11<br>1.12,1.13                    | 3 (2+1)        | Bedside Clinic +<br>Clinical Clerkship |
|  | 4.General Examination -2 (R.R, Temp, JVP)   | IM1.11,1.14  | 3 (2+1)        | Bedside Clinic +<br>Clinical Clerkship |
|  | 5. I.M Injection -1 <sup>st</sup> half of the batch (2 <sup>nd</sup> half to write reflection of the topics taught) | IM 1.30<br>Certifiable<br>Procedural<br>skill        | 3              | Skill Lab                              |
|  | 6.General Examination -3<br>(Pallor,Icterus,Cyanosis<br>,Clubbing)  | IM 9.4,5.10  | 3 (2+1)        | Bedside Clinic +<br>Clinical Clerkship |
|  | 7.General Examination -4 (Edema,Lymphadenopathy)  | IM<br>10.13,4.10,<br>9.14                            | 3 (2+1)        | Bedside Clinic +<br>Clinical Clerkship |
|  | 8.General Examination -5<br>(Mucosa, Skin, Hand &<br>feet, Face)  | IM 7.12,4.10   | 3 (2+1)        | Bedside Clinic +<br>Clinical Clerkship |
|  | 9.Per Abdomen Symptomatology & examination-1  | IM<br>5.10,4.10,16.5<br>,25.5,15.5,5.0               | 3 (2+1)        | Bedside Clinic +<br>Clinical Clerkship |
|  | 10.I.M Injection -2 <sup>nd</sup> half of the batch (1 <sup>st</sup> half to write reflection of the topics taught) | IM 1.30<br>Certifiable<br>Procedural<br>skill        | 3              | Skill Lab                              |
| i tra  | 11. Per Abdomen Symptomatology & examination-2  | IM 4.10,<br>5.0,5.10,<br>15.5,16.5,25.5              | 3 (2+1)        | Bedside Clinic +<br>Clinical Clerkship |
|  | 12. Per Abdomen –Case presentation  | IM 5.0,<br>5.9,5.10,5.11,<br>4.10,15.5,16.5<br>,25.5 | 3 (2+1)        | Bedside Clinic +<br>Clinical Clerkship |
|  | 13.Respiratory System symptomatology & examination  | IM 3.4,3.5   | 3 (2+1)        | Bedside Clinic +<br>Clinical Clerkship |
|  | 14. Respiratory System- Case<br>Presentation  | IM 3.4,3.5,3.6                                       | 3 (2+1)        | Bedside Clinic +<br>Clinical Clerkship |
|  | 15. Sub Cutaneous Injection 1st half of the batch (2nd half to  | Certifiable<br>Procedural                            | 3              | Skill Lab                              |

| write reflection of the topics taught)  | skill                              |         |  |
|---|------------------------------------|---------|--|
| 16.Cardio Vascular System symptomatology & examination -1   | IM 1.10, 1.29<br>2.6, 2.7          | 3 (2+1) | Bedside Clinic +<br>Clinical Clerkship |
| 17. Cardio Vascular System - symptomatology & examination -2  | IM 1.10, 1.29<br>2.6, 2.7          | 3 (2+1) | Bedside Clinic +<br>Clinical Clerkship |
| 18.Cardio Vascular System -<br>Case Presentation -3   | IM 1.10,<br>1.11,1.29 2.6,<br>2.7  | 3 (2+1) | Bedside Clinic +<br>Clinical Clerkship |
| 19. Sub Cutaneous Injection 2 <sup>nd</sup> half of the batch (1 <sup>st</sup> half to write reflection of the topics taught) | Certifiable<br>Procedural<br>skill | 3       | Skill Lab                              |
| 20. Ward Leaving Exam   |                                    | 3       | Theory + Practical                     |

Student will apply their knowledge during their clinical posting.

Student will enter the 'case record'/skill competency in his/her journal &/Or logbook time to time during clinical posting.

Batch will be divided in groups of three & each group will be alloted three beds. Students are supposed to daily interact with the patients on the bed number alloted to them from their admission till their discharge as a part of clinical clerkship

#### Note:-

The approximate distribution for bedside teaching will be as follows-

30minutes - History taking & presentation

1 hour- Physical examination ,Investigation & Management (Wherever applicable)

30minutes - Clinical case discussion on various topics related to the system being taken

1 hour - Interaction with the patients alloted to students bedwise

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# II MBBS PEDIATRICS Clinical posting (2 weeks)

(Excluding Saturdays, Sundays, Last day exam; Thus available teaching hours: 9 days x 3 = 27 hours)

| Days of posting | Topics to be covered  | Competency<br>number for<br>each topic | Hours    | Teaching learning<br>method: bedside<br>clinic/ Skills lab/<br>Clinical clerkship |
|-----------------|---|--|----------|---|
| 1               | History taking of a child, covering -Components of paediatric history -Differences in paediatric and adult history  |  | 1 HR     | Bedside clinic  |
|                 | Discuss assessment of growth including use of WHO and Indian national standards.  | PE1.3                                  | 1.5 HR   | Small group Discussion  |
| 2               | Demonstrate How to take anthropometry and plot on charts  |  | 2.5 HR   | Small group Discussion  |
|                 |   | PE1.6                                  |          | DOAP  |
| 3               | Perform anthropometric<br>measurements, plot on growth<br>charts and interpretation of<br>nutritional status  | PE1.4                                  | 2.5 HR   | DOAP IN Clinical<br>Skills lab<br>(Details to be entered<br>in logbook)           |
| 4               | Discuss normal developmental milestones, components of developmental history  | PE1.6                                  | 1 HR     | Small group discussion  Bedside clinic  |
|                 | Elicit developmental history in the child   |  | 110 1110 | Beaside ciline  |
| 5               | Examination in a clinical case covering general examination and overview of examination of various systems, focused according to history.   |  | 2.5 HR   | Bedside clinic  |
| 6               | a) Elicit the feeding history of an infant below 2 months of age and counsel regarding Importance and technique of breast feeding   | PE7.1<br>PE7.4                         | 1 HR     | Bedside clinic  |
|                 |   | PE9.3                                  |          |   |
|                 | b) Elicit the history of weaning for an infant above 6 months of age, elicit history of the complementary feeding habits, counsel regarding correct weaning practices, the caloric value of common Indian foods, assess adequacy of weaning | PE8.4                                  | 1.5 hrs  | Bedside clinic  Details to be entered in logbook                                  |

| 7  | Identify the clinical features of dietary deficiency/excess of vitamins (A, B, C & D) -Diagnose patients with vitamin deficiency and plan the treatment   | PE12.3, PE12.8<br>PE12.4, PE12.9<br>PE12.17,<br>PE12.21 | 2.5 HR               | Bedside clinic   |
|----|---|---|----------------------|--|
| 8  | National Immunization schedule Overview of vaccines included in EIP Discussion and visit to show the different components of Cold   | PE19.1<br>PE19.3<br>PE19.4                              | 1HR<br>1.5 HR        | Bedside clinic  Visit to Immunization                            |
|    | chain   |   |                      | clinic   |
| 9  | Observe and record immunization of children with details of the vaccine given- dose, route, storage, side effects etc. for at least two vaccines observed by the student                                  | PE19.11   | 2.5 HR               | Skill Lab (Immunization clinic) Details to be entered in logbook |
| 10 | History taking in a child with<br>diarrhoea, covering clinical<br>classification of various grades of<br>dehydration  | PE24.1, 24.2  | 1 HR                 | Small group discussion   |
|    | Discuss the physiological basis of ORS, types of ORS and the composition of various types of ORS. Prescribing ORS (how to dissolve, volume to be given etc.) to a child according to grade of dehydration | PE24.3  | 1.5 HR               | DOAP   |
| 11 | Term end examination Reflections Feedback regarding exam performance given to students  |   | 1 HR<br>1 HR<br>1 HR | MCQ/SAQ<br>Write in Logbook                                      |

Clinical clerkship (To be documented in logbook): Following and documenting the progress of the allotted child admitted in the ward, from admission to discharge: Half an hour daily.

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# BHARATI VIDYAPEETH DEEMED UNIVERSITY MEDICAL COLLEGE, PUNE RESPIRATORY MEDICINE CLINICAL POSTING III/IV SEM

2 weeks Rotation (10 days, including one day for term end exam)

| Day | Торіс   | Competency   | Hours | TL method: Bedside<br>clinic/Skills<br>lab/Clinical<br>clerkship |
|-----|---|--|-------|--|
| 1   | History taking  | CT 1.5, CT 1.8   | 3     | Bedside clinic<br>Clinical clerkship                             |
| 2   | Respiratory system examination                          | CT 1.6   | 3     | Clinical skill   |
| 3   | Asthma/COPD case presentation                           | CT 2.8, CT 2.9,<br>CT 2.10, CT 2.21,<br>CT 2.23, CT 2.24 | 3     | Bedside clinic<br>Clinical clerkship                             |
| 4   | ABG/ Pulse oximetry                                     | CT 2.14  | 3     | Bedside clinic<br>Clinical clerkship                             |
| 5   | Spirometry<br>PEFR                                      | CT 2.11, CT 2.12   | 3     | Skill Lab/clinical clerkship                                     |
| 6   | Pulmonary TB case presentation                          | CT 1.5, CT 1.6, CT<br>1.9                                | 3     | Bedside clinic<br>Clinical clerkship                             |
| 7   | Daily DOTS—DS/DR TB treatment                           | CT1.14, CT 1.15,<br>CT 1.16, CT 1.17,<br>CT 1.18         | 3     | Clinical clerkship   |
| 8   | Drugs- COPD/Asthma Devices- MDI/DPI/Spacer/nebulization | CT 2.16, CT 2.18,<br>CT 2.19, CT 2.22,<br>CT             | 3     | Skill lab/clinical clerkship                                     |
| 9   | Chest CXR interpretation                                | CT 2.14  | 3     | Clinical skill   |
| 10  | Term end examSAQ/MCQ                                    |  | 3     |  |

Batch will be divided in groups of three and each group will be allotted three beds. Students are supposed to interact with patients on the allotted beds daily and discuss the clinical findings with teacher.

Students will apply their knowledge ( whatever they have been taught during lectures) during clinical posting.

Students will enter the case record in his/her journal during clinical posting.

Note:-

For bedside teaching time allotted for

- 1. History taking-30 min
- 2. Clinical examination-30 min
- 3. Discussion 60 min
- 4. Interaction with student group regarding beds allotted and discussion ( Clinical clerkship) 60 min

### BHARATI VIDYAPEETH DEEMED UNIVERSITY MEDICAL COLLEGE, PUNE DEPARTMENT OF DERMATOLOGY, VENEREOLOGY & LEPROSY

### 3<sup>rd</sup> SEMESTER MBBS CLINICAL POSTING

| Days<br>allotted<br>(2<br>weeks) | Topics to be covered  | Competency<br>for topic | Hours<br>required | Level    | Teaching-<br>Learning<br>method |
|----------------------------------|---|-------------------------|-------------------|----------|---------------------------------|
| Week 1                           | Morphology, arrangement & distribution of skin lesions  |                         | 2                 |          | Bedside clinics                 |
| 2.                               | Pyodermas – staphylococcal versus<br>streptococcal infections: treatment and<br>follow up   |                         | 2                 |          | Clinical<br>clerkship           |
| 3.                               | Dermatological manifestations of in-patient references – assessment   |                         | 2                 |          | Clinical<br>clerkship           |
| 4.                               | KOH stain of skin scrapings to demonstrate dermatophyte & candida,  | DR7.1,<br>DR7.2         | 3                 | KH<br>SH | Skills lab/                     |
|                                  | Dark ground microscopy and features of spirochete, Tzanck smear and herpes infections   | DR10.2,<br>DR8.1        |                   | SH<br>KH | session                         |
| 5.                               | Superficial fungal infections of skin & nail  – examination and management  | DR7.1<br>DR7.3          | 2                 | КН       | Bedside<br>clinics              |
| Week 2                           | Scabies and pediculosis – clinical features and treatment   | DR6.1                   | 2                 | KH       | Bedside clinics                 |
| 2.                               | Slit skin smear for demonstration of M. leprae, Gram stain for staphylococci  | DR9.1<br>DR15.2         | 3                 | KH<br>SH | Skills lab/<br>DOAP<br>session  |
| 3.                               | Examination of a case of leprosy (skin & nerves)  | DR9.1                   | 2                 | KH       | Bedside clinics                 |
| 4.                               | Infections in an immunosuppressed state (diabetes mellitus & HIV) Viral infections: warts, Molluscum contagiosum, herpes infections | DR11.2<br>DR8.1         | 2 2               | SH<br>KH | Bedside<br>clinics              |
| 5.                               | END POSTING EXAM  |                         | 2                 |          |                                 |

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# BHARATI VIDYAPEETH DEEMED UNIVERSITY MEDICAL COLLEGE, PUNE DEPARTMENT OF PSYCHIATRY

## 3 SEMESTER MBBS CLINICAL POSTING

| Day allotted<br>for posting | Topics to be covered   | Competency<br>for topic | Hours<br>required to<br>cover topic | Level        | Teaching-<br>Learning<br>method     |
|-----------------------------|--|-------------------------|-------------------------------------|--------------|-------------------------------------|
| 1                           | Introduction to<br>Psychiatric<br>disorders                                      | PS 3.2                  | 1                                   | K/KH         | Small group<br>discussion           |
|                             | Signs and<br>symptoms of<br>common mental<br>disorders                           |                         | 2                                   | K/KH         | Small group<br>discussion           |
| 2                           | Patient<br>Physician   | PS1.1, PS 3.4           | 1                                   | KH/SH        | DOAP session                        |
|                             | relationship<br>Communication<br>skills  | PS 1.2-1.4              | 2                                   | KH/SH        | DOAP session                        |
| 3                           | Positive mental<br>health and<br>Lifestyle                                       | PS 2.1-2.2              | 3                                   | K/KH         | Small group<br>discussion           |
| 4                           | Principles of<br>personality<br>development,<br>learning,<br>memory,<br>emotions | PS 2.3, 2.4             | 3                                   | K/KH         | Small group<br>discussion           |
| 5                           | Interviewing<br>techniques for<br>Psychiatric<br>patients                        | PS 3.2                  | 3                                   | KH/SH        | DOAP                                |
| 6                           | History taking in Psychiatry   | PS 3.3                  | 3                                   | K/KH<br>S/SH | Small group<br>discussion<br>DOAP   |
| 7                           | Mental status<br>examination in<br>Psychiatry                                    | PS 3.5                  | 3                                   | K/KH<br>S/SH | Small group<br>discussion<br>DOAP   |
| 8                           | Bio<br>psychosocial<br>model of<br>presentation of<br>Psychiatric<br>disorders   | PS 3.6                  | 2                                   | K/KH         | Small group<br>discussion           |
|                             | Difference<br>between<br>psychotic and<br>non psychotic<br>disorders             | PS 3.12                 | 1                                   | K/KH         | Small group<br>discussion           |
| 9                           | Investigations<br>in Psychiatry<br>and features<br>suggesting<br>organicity      | PS 3.8                  | 3                                   | K/KH         | Small group<br>discussion           |
| 10                          | Term end exam  |                         | 3                                   |              | MCQ<br>Reflections<br>from students |

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# BHARATI VIDYAPEETH DEEMED UNIVERSITY MEDICAL COLLEGE, PUNE DEPARTMENT OF SURGERY Term: Block 1 Clinical posting of 3 Hours each (60 hours)

| Sr. no | - Competency      |              | Content   | Teaching learning Method              |  |
|--------|-------------------|--------------|---|---------------------------------------|--|
| 1      | Swelling I        | Su 18.3      | History taking ,origin duration and progress, Inspection, palpation, percussion, auscultation       | Bedside clinics<br>Clinical clerkship |  |
| 2      | Swelling II       | Su 18.3      | Discussion of investigations and treatment plan   | Bedside clinics<br>Clinical clerkship |  |
| 3      | Case presentation |              | Common swellings  | Clinical skills                       |  |
| 4      | Ulcer I           | Su5.2, su5.3 | History taking ,origin duration and progress, Parts of ulcer , Inspection, palpation,               | Bedside clinics<br>Clinical clerkship |  |
| 5      | Ulcer II          | Su5.2, su5.3 | Discussion of investigations and treatment plan   | Bedside clinics<br>Clinical clerkship |  |
| 6      | Case presentation |              | Diabetic foot ulcer,  | Clinical skills                       |  |
| 7      | Case presentation |              | Traumatic ulcer   | Clinical skills                       |  |
| 8      | Hernia I          | Su 28.2      | Symptoms , history taking   | Bedside clinics<br>Clinical clerkship |  |
| 9      | Hernia II         | Su 28.2      | Inspection, palpation,  | Bedside clinics<br>Clinical clerkship |  |
| 10     | Hernia III        | Su 28.2      | Discussion and treatment plan   | Bedside clinics<br>Clinical clerkship |  |
| 11     | Case presentation |              | Direct hernia   | Clinical skills                       |  |
| 12     | Case presentation |              | Indirect hernia   | Clinical skills                       |  |
| 13     | Case presentation |              | Incisional hernia   | Clinical skills                       |  |
| 14     | Hydrocele I       |              | History taking, origin duration and progress, Inspection, palpation, fluctuation Transillumination. | Bedside clinics<br>Clinical clerkship |  |
| 15     | Hydrocele II      |              | Discussion of investigations and treatment plan   | Bedside clinics<br>Clinical clerkship |  |

| 16 | Case presentation | hydrocele   | Clinical skills                       |
|----|-------------------|---|---------------------------------------|
| 17 | Varicocele I      | History taking, origin duration and progress, Inspection, palpation, fluctuation Trans illumination | Bedside clinics<br>Clinical clerkship |
| 18 | Varicocele II     | Discussion of investigations and treatment plan   | Bedside clinics<br>Clinical clerkship |
| 19 | Case presentation | Varicolele  | Clinical skills                       |
| 20 | Clinical term end | Theory and practical  |                                       |

# BHARATI VIDYAPEETH DEEMED UNIVERSITY MEDICAL COLLEGE, PUNE Orthopaedics Department

| Sr.<br>No | Day<br>allotted<br>for the<br>posting | Topics to be covered  | Competen cy number for each topic | Hours<br>required<br>to cover<br>one<br>topic | Teaching learnings method :<br>Bedside clinic /<br>Skills lab / Clinical clerkship |
|-----------|---------------------------------------|---|-----------------------------------|---|--|
| 1.        | 1                                     | History Taking: scheme of history taking Demonstration of Relevant history taking.    |                                   | 3   | Bedside clinic   |
| 2.        | 1                                     | History Taking : Important of previous Surgery,<br>Medical comorbidities.             |                                   | 3   | Clinical clerkship   |
| 3.        | 1                                     | Physical Examination : General + Systemic Examination, Local Examination. Inspection. |                                   | 3   | Bedside clinic   |
| 4.        | 1                                     | Practical Examination : Local Examination Palpation movement and measurement.         |                                   | 3   | Clinical clerkship   |
| 5.        | 1                                     | Application of crepe Bandage.   | OR 13.1                           | 3   | Skills lab   |
| 6.        | 1                                     | Assessment of a Patient of soft tissue injury.  | OR 1.3                            | 3   | Bedside clinic   |
| 7.        | 1                                     | Principles of management of soft Tissue Injuries.                                     | OR 1.4                            | 3   | Clinical clerkship   |
| 8.        | 1                                     | Fracture and Fracture Heading and its complication.                                   | OR 2.15                           | 3   | Skills lab   |
| 9.        | 1                                     | Splinting for long bone fractures.  | OR 13.1                           | 3   | Bedside clinic   |
| 10        | 1                                     | TERM END Examination  |                                   | 3   | Clinical clerkship   |

# BHARATI VIDYAPEETH DEEMED UNIVERSITY MEDICAL COLLEGE, PUNE

# DEPARTMENT OF ENT AND HEAD AND NECK SURGERY

| Days<br>Alloted<br>for the<br>posting | Topics to be covered  | Competenc<br>y number<br>for each<br>topic | Hours<br>required<br>to cover<br>one topic | Teaching, learning<br>method :Bedside<br>clinic/skills<br>lab/Clinical<br>clerkship |
|---------------------------------------|---|--|--|---|
| DAY-1                                 | Anatomy of external and middle ear<br>Ear- signs and symptoms   | EN1.1<br>EN4.1- 4.3                        | 3 hours                                    | OPD Clinic  |
| DAY-2                                 | Anatomy of inner ear, oto neuro<br>Ear- signs and symptoms  | EN4.4 - 4.6                                | 3 hours                                    | OPD Clinic  |
| DAY-3                                 | Anatomy of nose and paranasal sinuses Nose- Signs and symptoms  | EN1.1<br>EN2.1                             | 3 hours                                    | OPD Clinic  |
| DAY-4                                 | Anatomy of Pharynx  | EN1.1                                      | 3 hours                                    | OPD Clinic/   |
| DAY-5                                 | Throat – signs and symptoms Anatomy of larynx   | EN1.1                                      | 3 hours                                    | OPD Clinic  |
|                                       | Boundaries and clinical significance of Pyriform fossa  Throat- signs and symptoms  | EN2.2,<br>EN2.7                            |  |   |
| DAY-6                                 | Hearing loss and its screening  | EN4.12 2.4                                 | 3 hours                                    | OPD Clinic  |
|                                       | Otoscopic Ear examination-steps involved and interpretation   | EN2.3                                      |  | Skill Lab   |
| DAY-7                                 | Minor OPD Procedures, Demonstration of Syringing  Nose examination Steps involved and indications in diagnostic nasal endoscopy | EN4.9<br>EN2.5                             | 3 hours                                    | OPD Clinic<br>Skill Lab   |
| DAY-8                                 | Anatomy of head and neck lymphatics and neck spaces  Throat examination using Tongue depressor                                  | EN1.1<br>EN2.6                             | 3 hours                                    | OPD Clinic  |
| DAY-9                                 | History taking, Clinical features and management of Epistaxis  Sensitization to Facial trauma                                   | EN4.3                                      | 3 hours                                    | OPD Clinic  |
| DAY-10                                | History taking, Clinical features<br>and management of Foreign bodies<br>in the air and food passages                           | EN4.49                                     | 3 hours                                    | OPD Clinic  |
| DAY-11                                | History taking, Clinical features<br>and management of Chronic Otitis<br>Media  | EN4.7 – 4.8<br>EN4.12                      | 3 hours                                    | OPD Clinic  |

|        | Pure Tone Audiometry Indications and interpretation  | EN2.8                       |         |                 |
|--------|--|-----------------------------|---------|-----------------|
| DAY-12 | ENT Xrays  | EN2.9                       | 3 hours | OPD Clinic/     |
|        | Oto Microscopy / Oto Endoscopy   | EN3.1                       |         | Skill lab       |
| DAY-13 | History taking, Clinical features and management of Vertigo  | EN4.8<br>EN4.20             | 3 hours | OPD Clinic      |
| DAY-14 | History taking, Clinical features and management of a case of Dysphagia  Indirect laryngoscopy-Indications, steps involved and interpretation            | EN4.38                      | 3 hours | OPD Clinic      |
| DAY-15 | Nasal obstruction, DNS   | 4.22 - 4.23                 | 3 hours | OPD Clinic      |
| DAY-16 | Tracheostomy   | EN4.50.51                   | 3 hours | OPD Clinic      |
| DAY-17 | History taking, Clinical features<br>and management of Hoarse Voice<br>History taking, Clinical features<br>and management of Stridor                    | EN4.42<br>EN4.47,<br>EN4.48 | 3 hours | OPD Clinic      |
| DAY-18 | History taking, Clinical features and management of a case of Tonsillitis and Adenoid hypertrophy  Components and Functions of Waldeyer's Lymphatic ring | EN4.39<br>EN4.26            | 3 hours | OPD Clinic      |
| DAY-19 | Sensitization to Pre op workup and Post op monitoring  |                             | 3 hours | OPD Clinic      |
|        | Correct instillation of topical medication in ENT  | En2.14                      |         | Skill Lab       |
| DAY-20 | Term end Exam  |                             | 3 hours | Assessment TEST |

# Bharati Vidyapeeth (Deemed to be University) Medical College, Pune – 43 Dept. of Ophthalmology

(Duration 4 Weeks, 5 Days in a Week, 3 Hrs. Per Day)

# **IV Term Clinical Posting**

| Sr.<br>No. | Торіс  | Competency<br>Number | Hours<br>Required | Teaching learning method :<br>Bedside clinic / Skills lab/<br>Clinical clerkship |
|------------|--|----------------------|-------------------|--|
| 1          | Orientation to OPD, ward, OT   | -                    | 3 hrs.            | Clinical Clerkship.  |
| 2          | Anatomy & Function of eye ball   | -                    | 3 hrs.            | Skills lab / Demonstration<br>Model  |
| 3          | History Taking Symptomatology I (Vision Related Symptoms)  | -                    | 3 hrs.            | Bed side Clinic  |
| 4          | Symptomatology II (Other symptoms & systemic condition)  |                      | 3 hrs.            | Bed side clinic  |
| 5          | Visual activity Assessment I<br>(Distant Vision, Near Vision)  | OP 1.3               | 3 hrs.            | Bed side clinic DOAP<br>(log book entry)   |
| 6          | Visual activity Assessment II<br>(Colour vision, Confrontation test,<br>Menace Reflex, Blink Reflex) | OP 1.3               | 3 hrs.            | Bed side clinic with DOAP<br>(log book entry)                                    |
| 7          | Ocular examination - I<br>Lids   | OP 2.2               | 3 hrs.            | Bed side clinic with DOAP  |
| 8          | Ocular examination - II Lacrimal apparatus , Orbit   | OP 2.3               | 3 hrs.            | Bed side clinic with DOAP  |
| 9          | Ocular Examination - III Conjunctiva & Cornea  | OP3.1<br>OP3.2       | 3 hrs.            | Bed side clinic  |
| 10         | Ocular Examination - IV Anterior chamber, Iris, Pupil, Lens  | OP 6.6               | 3 hrs.            | Bed side clinic  |
| 11         | Ocular Examination - V Tonometry   |                      | 3 hrs.            | Bed side clinic with DOAP  |
| 12         | Ocular Examination - VI (ocular alignment and extraOcular movements)                                 | OP 9.1               | 3 hrs.            | Bed side clinic with DOAP  |
| 13         | Ocular Examination - VII (Fundus examination Indirect & Direct Ophthalmoscopy)                       | OP 8.3               | 3 hrs.            | Demonstration Observation  |
| 14         | Instillation of eye drop - Ocular bandage - Eye wash   | OP 3.9               |                   | DOAP   |
| 15         | Refractive error – I<br>(Myopia / Hypermetropia / Presbyopia)  |                      | 3 hrs.            | Bed side Clinic  |
| 16         | Refractive error – II Retinocopy, Antorefractometry Subjective correction ,Lenses                    |                      | 3 hrs.            | Bed side clinic  |

| 17 | Assessment of Cataract – I Participate in the Cataract I team for cataract surgery  | OP7.5  | 3 hrs. | Demonstration<br>Observation DO |
|----|---|--------|--------|---------------------------------|
| 18 | Assessment of Case of Cataract – II (Administer informed consent & counsel Patient for Cataract in a simulated environment) | OP 7.6 | 3 hrs. | Role Play                       |
| 19 | Term completion Assessment  |        |        | OSCE                            |
| 20 | Term completion Assessment  |        |        | OSCE                            |

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# DEPT OF RADIODIAGNOSIS 11 MBBS CLINICAL POSTING 2 WEEKS

### **GMER 2019**

| DAYS      | TOPICS  | COMPETEN                            | HOUR | TEACHING                           |
|-----------|---|-------------------------------------|------|------------------------------------|
| ALLOCATED |   | CY                                  | S    | METHOD                             |
|           |   | No                                  | REQD | 11100                              |
| 1         | Definition of radiation<br>Electromagnetic<br>spectrum                    | RD 1.1                              | 3    | Lecture                            |
|           | Evolution of radiology  | RD1.2                               |      |                                    |
|           | Common radiological investigations in ENT,                                |                                     | 8-34 |                                    |
|           | Ob Gy,<br>Int medicine  | RD 1.3 1.4<br>1.5                   |      |                                    |
| 2         | Indications for radiological invest in surgery and pediatrics             | RD 1.6, 1.7<br>PE 34.8 ,PE<br>23.13 | 3    | Lecture<br>Lecture demo            |
|           | Interpretation of Xray chest Identify Xray machines                       | AN5.7                               |      |                                    |
|           | Identify ultrasound machines  | ANS./                               |      |                                    |
|           | Cross sectional<br>anatomy at T8,T10,L 1<br>And pelvis male and<br>female | AN51.1, 51.2                        |      |                                    |
|           | Identify CT and MRI machines  |                                     |      |                                    |
| 3         | Preparation and<br>technique for<br>conventional<br>radiological invest   | RD1.11<br>AN54.2 AN<br>25.8         | 3    | Lecture demo<br>Clinical clerkship |

| 6  | Xray findings in abnormalities of extremities  Ultrasound findings in liver and GB disease Renal disease  CT in hepatobiliary disease | AN13.4<br>20.6<br>IM7.18<br>IM5.13<br>IM 10.19 | 3 | Lecture demo<br>Clin clerkship |
|----|---|--|---|--------------------------------|
|    | MRI of hepatobilary disease   | AN 54.3<br>IM5.13                              |   |                                |
| 7  | Xray findings in Ac abdomen, ICU Xrays PNS, Mastoid  Ultrasound of small parts CT of ENT, Eye, small parts                            | PE 28.17                                       | 3 | Lecture demo<br>Clin clerkship |
|    | MRI of ENT Eye and small parts  |  |   |                                |
| 8  | Application of<br>Interventional<br>Radiology   | RD1.9  | 3 | Lecture demo                   |
| 9  | Radiation protection in conventional Radiology CT and Intervention  | RD1.12   | 3 | Lecture demo                   |
|    | MRI safety Ultrasound safety  |  |   |                                |
| 10 | Test  |  | 3 |                                |

|   | Preparation for ultrasound  Preparation for CT  Preparation for MRI       |   |   |                                |
|---|---|---|---|--------------------------------|
|   | including MRIsafety   |   |   |                                |
|   | Interpretation of extremity Xrays   | AN 13.4, 20.6   |   |                                |
| 4 | Common plain Xray<br>findings in CVS,RS,<br>Abdomen, Skull and<br>Spine   | AN27.7<br>IM 1.19 3.7<br>PE 34.18<br>PE 21,13 ,PE<br>23.13, PE<br>28.17 | 3 | Lecture demo<br>clin clerkship |
|   | Antenatal ultrasound in first send and third trimester including PNDT act | RD1.13<br>OG9.4   |   |                                |
|   | Common CT findings<br>in CNS, Chest<br>Abdomen<br>Extremities             | IM3.11<br>IM 6.12<br>IM6.12   |   |                                |
|   | Common MRI findings in CNS CVS Abdomen extremities                        |   |   |                                |
| 5 | Common conventional radiological invest                                   | RD1.3,1.4,<br>1.5,1.7 1.8   | 3 | Lecture demo<br>Clin clerkship |
|   | Common ultrasound abnormalities in pregnancy                              |   |   |                                |
|   | Common CT findings<br>in abdomen<br>Common MRI findings                   | OG9.4   |   |                                |
|   | in brain and spine  | IM 6.12   |   |                                |

# BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY) MEDICAL COLLEGE, PUNE

#### MEDICAL COLLEGE, PUNE clinical postings as per GMER 2019 Department of OBGY

(Duration 4 weeks,5 days a week,3 hours per day)
Phase 2 /Third semester clinical posting

| Sr no. | Topics to be covered   | Competency<br>number for<br>each topic | Hours required<br>to cover one<br>topic | Teaching learning method: Bedside clinic/ Skills lab/ Clinical clerkship |
|--------|--|--|---|--|
| 1.     | History taking in OBGY including detailed Obstetric History  | OG35.1                                 | 3 hrs                                   | Bedside clinic   |
| 2.     | General Examination<br>and Obstetric Importance and<br>Obstetric examination [excluding<br>internal examination]   | OG35.1                                 | 3 hrs                                   | Bedside clinic<br>with DOAP  |
| 3.     | Obstetric examination, Lie, Presentation, Attitude, Leopold Manoeuvres [excluding internal examination]  | OG35.1                                 | 3 hrs                                   | Bed side clinic,<br>DOAP<br>Skills lab                                   |
| 4      | Determine gestational age,<br>Obstetrics Formula and EDD. [Give<br>verbal exercise/cases and ask<br>students to derive the Obs<br>Formula and EDD]               | OG35.5                                 | 3 hrs                                   | Bedside clinic   |
| 5      | History Writing with complete case record with necessary details   | OG35.8                                 | 3 hrs                                   | Bedside clinic/<br>Clinical clerkship                                    |
| 6      | Write a referral note to secondary or tertiary centres/physician with necessary details  | OG35.10                                | 3 hrs                                   | Bedside clinic demonstration   |
| 7      | Demonstration of correct use of<br>Universal<br>Precautions for selfprotection<br>against HIV, Hepatitis, COVID-19<br>and<br>counsel patients regarding the same | OG35.11                                | 6hrs                                    | Skills lab   |
| 8      | Clinical Diagnosis of Pregnancy  | OG6.1                                  | 3 hrs                                   | Bedside clinic   |
| 9      | Objectives of<br>Antenatal Care Including ANC<br>visits and Antenatal Investigations   | OG8.1                                  | 3 hrs                                   | Bedside clinic/<br>Clinical clerkship                                    |
| 10     | Screening of High Risk Mothers   | OG8.1                                  | 3 hrs                                   | Bedside clinic/<br>Clinical clerkship                                    |
| 11     | Clinical Monitoring of Maternal and<br>Fetal Well-being  | OG8.4                                  | 3hrs                                    | Bedside clinic/<br>Clinical clerkship                                    |

| 12 | Diagnosis of Labour, Definition of Normal Labour and Stages of Labour  | OG13.1 | 3hrs | DOAP/ Bedside clinic                 |
|----|--|--------|------|--------------------------------------|
| 13 | Mechanism of normal labour   | OG14.2 | 5hrs | Bedside<br>clinic/Skills lab         |
| 14 | Overview and Definition of PreTerm Labour, Abortions, MTP, PROM, Post-Dated, Post-Term Pregnancy and Clinical implications | OG13.2 | 6hrs | Bedside clinic                       |
| 15 | Types of Maternal Pelvis and<br>Clinical importance in Obstetrics  | OG14.1 | 3hrs | Skills lab                           |
| 16 | Puerperium and<br>Changes, Lochia, Clinical<br>Examination of PNC mother   | OG19.1 | 3hrs | Bedside clinic<br>Clinical clerkship |
| 17 | Counselling and<br>Follow up of PostDelivery Patient<br>including Contraceptive counselling                                | OG19.2 | 3hrs | Bedside clinic Role<br>play          |
|    | Posting ending examination   |        | 1 hr | OSCE/MCQ                             |