



PES Institute of Medical Sciences & Research

Kuppam- 517 425, Chittoor Dist., Andhra Pradesh

Tel: 08570 - 277999, 277799, 277666

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NAAC Criterion 1: Curricular Aspects - DVV

1.2 Academic Flexibility

1.2.1: Percentage of interdisciplinary / interdepartmental courses/ training across all the Programmes offered by the College during the last five years

DVV-1.2.1: Interdisciplinary subjects by SRA/ Affiliating University



LIST OF INTERDISCIPLINARY/INTERDEPARTMENTAL COURSES/TRAINING ACROSS THE PROGRAMMES OFFERED BY THE COLLEGE DURING THE LAST FIVE YEARS.

| SNO | YEAR | PROGRAMME | INTER DEPARTMENTAL TRAINING |
|-----|-----------|-----------|--|
| 1. | 2023-2024 | MBBS | HORIZONTAL INTERGRATION |
| | | | VERTICAL INTERGRATION |
| | | MD/MS | PERIPHERAL POSTINGS/DISTRICT RESIDENCY PROGRAMME |
| 2. | 2022-2023 | MBBS | HORIZONTAL INTERGRATION |
| | | | VERTICAL INTERGRATION |
| | | MD/MS | PERIPHERAL POSTINGS/DISTRICT RESIDENCY PROGRAMME |
| 3. | 2021-2022 | MBBS | HORIZONTAL INTERGRATION |
| | | | VERTICAL INTERGRATION |
| | | MD/MS | PERIPHERAL POSTINGS/DISTRICT RESIDENCY PROGRAMME |
| 4. | 2020-2021 | MBBS | HORIZONTAL INTERGRATION |
| | | | VERTICAL INTERGRATION |
| | | MD/MS | PERIPHERAL POSTINGS/DISTRICT RESIDENCY PROGRAMME |
| 5. | 2019-2020 | MBBS | HORIZONTAL INTERGRATION |
| | | | VERTICAL INTERGRATION |
| | | MD/MS | PERIPHERAL POSTINGS/DISTRICT RESIDENCY PROGRAMME |




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Criteria 1.2.1 – Academic Flexibility

Alignment and Integration (AIT)

First quarter January to March 2024

| Sr No | Phase | Date | Department | Competency Addressed | Integrating Department | Number of Hours | Type of Integration Nesting/Sharin Temporal coordination |
|-------|--------------|------------|--------------|-------------------------------|------------------------|-----------------|--|
| 1 | Phase I | 14.02.2024 | Biochemistry | 4.2 | Medicine | 1Hour | Vertical(Sharing) |
| 2 | Phase I | 21.02.2024 | Biochemistry | 3.9 | Medicine | 1Hour | Vertical(Sharing) |
| 3 | Phase I | 18.03.2024 | Biochemistry | 3.2,4.2,3.1 | Physiology | 1Hour | Horizontal(Sharing) |
| 4 | Phase I | 22.03.2024 | Biochemistry | 5.3,5.4 | Pediatrics | 1Hour | Vertical(Sharing) |
| 5 | IMBBS2023-24 | 22.02.2024 | Anatomy | AN 54.1 | Radiology | 2hours | X-RAYS ABDOMEN PLAIN & CONTRAST Vertical integration |
| 6 | IMBBS2023-24 | 23.02.2024 | Anatomy | AN 54.1 | Radiology | 2hours | X-RAYS ABDOMEN PLAIN & CONTRAST Vertical integration |
| 7 | IMBBS2023-24 | 24.02.2024 | Anatomy | AN 54.1 | Radiology | 2hours | X-RAYS ABDOMEN PLAIN & CONTRAST Vertical integration |
| 8 | IMBBS2023-24 | 07.03.2024 | Anatomy | AN 53.2 | OBG | 2hours | BONYPELVIS AN 53.2 Vertical integration |
| 9 | IMBBS2023-24 | 08.03.2024 | Anatomy | AN 53.2 | OBG | 2hours | BONYPELVIS AN 53.2 Vertical integration |
| 10 | IMBBS2023-24 | 09.03.2024 | Anatomy | AN 53.2 | OBG | 2hours | BONYPELVIS AN 53.2 Vertical integration |
| 11 | Phase II | 11/03/2024 | Pharmacology | Ph:1.13 (Introduction To Ans) | Physiology | 1 | Sharing |
| 12 | FIRST | 18.03.2024 | PHYSIOLOGY | PY4.4 | BIOCHEMISTRY | 1HOUR | HORIZONTAL (SHARING) |
| 13 | FIRST | 11.03.2024 | PHARMACOLOGY | PY 10.5 | PHYSIOLOGY | 1HOUR | VERTICAL(SHARING) |



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|----|-----------------------------|------------|-----------------------|--|--|--------|----------------------------------|
| 14 | FIRST | 25.03.2024 | PHARMACOLOGY | PY3.4 PY3.5 | PHYSIOLOGY | 1HOUR | VERTICAL (SHARING) |
| 15 | FIRST | 29.03.2024 | PATHOLOGY | PY2.7 PY2.8 | PHYSIOLOGY | 1HOUR | VERTICAL (SHARING) |
| 16 | Phase II | 25/03/2024 | Pharmacology | Ph:1.15 (Skeletal Muscle Relaxants) | Physiology | 1 | Sharing |
| 17 | Phase II | 29.03.2023 | Pathology | Pa6.4b | Physiology | 01Hour | Nesting |
| 18 | Phase II | 01.03.2024 | Microbiology | Mi1.6 Antimicrobial Agents And Antimicrobial Resistance | Pharmacology | 1 | Sharing |
| 19 | Phase II | 05.03.2024 | Microbiology | Mi1.1,1.3Normal Human Microbiota,EpidemiologyO fInfectiousDiseases | Community Medicine | 1 | Sharing |
| 20 | Phase II | 22.03.2024 | Microbiology | Mi1.8 Components Of Immune System: Organs, Cells And Products | Pathology | 1 | Sharing |
| 21 | Phase II | 22.03.2024 | Microbiology | Mi1.8 Components Of Immune System: Organs, Cells And Products | Paediatrics | 1 | Sharing |
| 22 | Phase III Part I | 12-3-24 | FMT | FM 14.6 | Pathology | 2 | Horizontal |
| 23 | Phase III Part I | 14.2.24 | Community Medicine | 15.1, 15.2,15.3 | Psychiatry | 1hour | Sharing |
| 24 | Phase III Part I | 21.2.24 | Community Medicine | 19.1, 19.2,19.3 | Pharmacology | 1hour | Sharing |
| 25 | Phase III Part I | 28.2.24 | Community Medicine | 13.3 | General Surgery ,General Medicine | 1hour | Sharing |
| 26 | Phase III Part I | 23.03.2024 | Community Medicine | AETCOM3.3 | OBG | | Sharing - informed consent |
| 27 | II MBBS (2022 -23) | 17.02.2024 | General Medicine | IM9.1,IM9.2IM9.7,IM9.8I M 9.13IM9.10 IM9.9-Hematology - IrondeficiencyAnemia | Pathology | 1Hour | Vertical integration |




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|----|-----------------------------|------------|------------------|---|---------------------------|-------|------------------------|
| 28 | II MBBS (2022-23) | 16.03.2024 | General Medicine | IM9.17,IM9.18- Blood component therapy | Pathology | 1Hour | Vertical Integration |
| 29 | II MBBS (2022-23) | 30.03.2024 | General Medicine | IM23.1,IM23.4- Nutrition & metabolism - Introduction,assessment,enteral and parenteral nutrition | Physiology & Biochemistry | 1Hour | Vertical Integration |
| 30 | Final MBBS Part-I (2021-22) | 12.03.2024 | General Medicine | IMS.5IMS.16IMS.11,IM5.12,IM5.2,IM5.3- Alcohol liver disease and acute alcohol intoxication | Pathology & Physiology | 1Hour | Vertical Integration |
| 31 | Final yr Part1 | 16.02.2024 | DVL | DR9.1 | H-MIC,COM | 1 | Temporal co-ordination |
| 32 | Final yr Part1 | 23.02.2024 | DVL | DR1.1,1.3 | | 1 | Temporal co-ordination |
| 33 | Final yr Part1 | 01.03.2024 | DVL | DR 11.1 | H-MIC | 1 | Temporal co-ordination |
| 34 | Final yr Part1 | 08.03.2024 | DVL | DR 5.1,5.3,6.1 | H-PH | 1 | Temporal co-ordination |
| 35 | Final yr Part1 | 15.03.2024 | DVL | DR9.4 | H-PH | 1 | Temporal co-ordination |
| 36 | Final yr Part1 | 22.03.2024 | DVL | DR 14.1,14.5 | H-PH | 1 | Temporal co-ordination |
| 37 | Final yr Part1 | 29.03.2024 | DVL | DR 9.5,9.6 | H-PH | 1 | Temporal co-ordination |
| 38 | Phase I | 23.2.24 | Radiology | AN54.2 | Anatomy | 2 | Sharing |
| 39 | Phase I | 23.2.24 | Radiology | AN54.3 | Anatomy | 2 | Sharing |
| 40 | Final MBBS Part-I (2021-22) | 29.03.2024 | OBG | Describe the mechanisms, prophylaxis, fetal complications, diagnosis and management of Rh isoimmunization in pregnancy. | Pediatrics | | Vertical Integration |
| 41 | Final MBBS Part-I (2021-22) | 14.02.2024 | Ophthalmology | OP1.1 Describe the Physiology of vision | Physiology | 1Hour | Vertical Integration |




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|----|-----------------------------|------------|-----------------|--|------------|--------|----------------------|
| 42 | Final MBBS Part-I (2021-22) | 21.02.2024 | Ophthalmology | OP2.1 Enumerate the causes, describe and discuss the aetiology, clinical presentations and diagnostic features of common conditions of the lid and adnexa including Hordeolum externum/internum, blepharitis, preseptal cellulitis, dacryocystitis, hemangioma, dermoid, ptosis, entropion, lid lag. Lagophthalmos. | Anatomy | 1Hour | Vertical Integration |
| 43 | Final MBBS Part-I (2021-22) | 19.02.2024 | ENT | EN.4.1 OME, Discharge in ear | Physiology | 1Hour | Vertical Integration |
| 44 | Final MBBS Part-I (2021-22) | 26.02.2024 | ENT | EN.4.7,4.8 Middle ear diseases | Physiology | 1Hour | Vertical Integration |
| 45 | Final MBBS Part-I (2021-22) | 30.09.2024 | ENT | EN.4.7,4.8 CSOM ADD & TTD | Physiology | 1Hour | Vertical Integration |
| 46 | Final MBBS Part-I (2021-22) | 18.09.2024 | ENT | EN.4.12 hearing loss | Pathology | 1Hour | Vertical Integration |
| 47 | I MBBS (2023-24) | 27.12.2023 | General Surgery | SU2.1, SU2.2, SU2.3, SU2.4, SU2.5, SU2.6, SU2.7 AN2.1, AN2.2, AN2.3, AN2.4, AN2.5 – LUMP IN THE BREAST | Anatomy | 01hour | Vertical Integration |
| 48 | I MBBS (2023-24) | 28.12.2023 | General Surgery | SU2.1, SU2.2, SU2.3, SU2.4, SU2.5, SU2.6, SU2.7 AN2.1, AN2.2, AN2.3, AN2.4, AN2.5, LUMP IN THE BREAST | Anatomy | 01hour | Vertical Integration |
| 49 | I MBBS (2023-24) | 29.12.2023 | General Surgery | SU2.1, SU2.2, SU2.3, SU2.4, SU2.5, SU2.6, SU2.7 AN2.1, AN2.2, AN2.3, AN2.4, AN2.5, LUMP IN THE BREAST | Anatomy | 01hour | Vertical Integration |




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Alignment and Integration (AIT)-Second quarter April to June 2024

| Sr No | Phase | Date | Dept | Competency Addressed | Integrating Department | Number Of hours | Type Of Integration Nesting/Sharing/ Temporal Coordination |
|-------|----------------------|------------|---------------|------------------------------------|------------------------|-----------------|--|
| 1 | I MBBS | 04.04.2024 | Anatomy | AN56.2 | Physiology | 1hour | CSF - formation & Circulation Applied Aspects |
| 2 | I MBBS | 18.04.2024 | PHYSIOLO GY | PY8.2,8.4 | MEDICINE | 1HOUR | VERTICAL(SHARING) |
| 3 | I MBBS | 22.04.2024 | PHYSIOLO GY | PY8.1 | ORTHOPAE DICS | 1HOUR | VERTICAL(SHARING) |
| 4 | I MBBS | 30.05.2024 | PHYSIOLO GY | PY10.7 | MEDICINE | 1HOUR | VERTICAL (SHARING) |
| 5 | I MBBS | 3.06.2024 | PHYSIOLO GY | PY10.8 | PHARMACO LOGY | 1HOUR | VERTICAL(SHARING) |
| 6 | I MBBS | 7.06.2024 | PHYSIOLO GY | PY2.8 | PHARMACO LOGY | 1HOUR | VERTICAL(SHARING) |
| 7 | I MBBS | 15.06.2024 | PHYSIOLO GY | PY10.1 | ANATOMY | 1HOUR | HORIZONTAL (SHARING) |
| 8 | I MBBS | 24.04.2024 | BIOCHEMI STRY | 6.11 | PHYSIOLOG Y | 0.5 HOURS | HORIOZNTAL (SHARING) |
| 9 | I MBBS | 24.04.2024 | BIOCHEMI STRY | 6.12 | MEDICINE | 0.5 HOURS | VERTICAL(SHARING) |
| 10 | I MBBS | 24.04.2024 | BIOCHEMI STRY | 6.12 | PATHOLOGY | 0.5 HOURS | HORIZONTAL (SHARING) |
| 10 | 2 nd MBBS | 4/4/2024 | Pharmacology | PH1.58 Pharmacotherapy of glaucoma | Ophthalmology | 1 | Vertical/Sharing |



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| 11 | II MBBS | 8/4/2024 | Pharmacology | PH1.16 Prostaglandin analogues | OBG | 1 | Vertical/ Sharing |
| 12 | II MBBS | 25/4/2024 | Pharmacology | PH1.16 Rheumatoid Arthritis | Orthopedics | 1 | Vertical/ Sharing |
| 13 | II MBBS | 9/05/2024 | Pharmacology | PH1.28 Ischemic Heart Disease | Medicine | 1 | Vertical/ Sharing |
| 14 | II MBBS | 20/05/2024 | Pharmacology | PH1.29Heart failure | Medicine | 1 | Vertical/ Sharing |
| 15 | II MBBS | 27/05/2024 | Pharmacology | PH1.18 General Anesthesia | Anesthesia | 1 | Vertical/ Sharing |
| 16 | II MBBS | 03/06/2024 | Pharmacology | PH1.19 Sedative Hypnotics | Physiology | 1 | Vertical/ Sharing |
| 17 | II MBBS | 7/06/2024 | Pharmacology | PH1.25 Coagulants & anticoagulants | Physiology | 1 | Vertical/ Sharing |
| 18 | II MBBS | 17/06/2024 | Pharmacology | PH1.19 Antipsychotic drugs | Psychiatry | 1 | Vertical/ Sharing |
| 19 | II MBBS | 24/06/2024 | Pharmacology | PH 1.22/1.23 Drugs of abuse & addiction | Psychiatry | 1 | Vertical/ Sharing |
| 20 | II MBBS | 19.4.24 | PATHOLOGY | PA 22.4 Enumerate blood components and describe their clinical uses. PA 22.5.Enumerate and describe infections transmitted by blood transfusion. | H- Microbiology | 1 hour | NESTING |




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| 21 | 2 ND MBBS | 30/5/24 & 31-05-24 | PATHOLOGY | PA7.4 Describe the effects of tumour on the host including paraneoplastic syndrome PA 7.5 Describe immunology and the immune response to cancer | H- Microbiology | 2 hours | NESTING |
| 22 | 2 ND MBBS | 04-06-24 & 5/6/24 | PATHOLOGY | PA8.1 Describe the diagnostic role of cytology and its application in clinical care. | V-Surgery | 2 hours | NESTING |
| 23 | 2 ND MBBS | 06-06-24 & 7/6/2024 | PATHOLOGY | PA8.2 Describe the basis of exfoliative cytology including the technique & stains used | V-Surgery | 2 hours | NESTING |
| 24 | 2 ND MBBS | 13/6/24 & 14/6/24 | PATHOLOGY | PA9.1 Describe the principles and mechanisms involved in immunity PA 9.2 Describe the mechanism of hypersensitivity reactions | H- Microbiology | 2 hours | SHARING |
| | 2 ND MBBS | 19/6/24 & 20/6/24 | PATHOLOGY | PA 10.1 Define and describe the pathogenesis and pathology of malaria. PA 10.2 Define and describe the pathogenesis and pathology of cysticercosis | H-Microbiology, V-Medicine | 2 hours | NESTING |




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| 26 | 2 nd MBBS | 26/6/24 & 27/6/24 | PATHOLOGY | PA 10.4 Define and describe the pathogenesis and pathology of common bacterial, viral, protozoal and helminthi diseases. | H- Microbiology V-Medicine | 2hours | NESTING |
| 27 | 2 nd MBBS | 23.04.2024 | Microbiology | MI1.10 Hypersensitivity | Paediatrics | 1 | Sharing |
| 28 | 2 nd MBBS | 26.04.2024 | Microbiology | MI1.10 Autoimmunity | Paediatrics | 1 | Sharing |
| 29 | 2 nd MBBS | 10.05.2024 | Microbiology | MI1.9 Immunoprophylaxis | Paediatrics | 1 | Sharing |
| 30 | 2 nd MBBS | 14.05.2024 | Microbiology | MI8.5,8.6 Biomedical Waste Management | Community Medicine | 1 | Sharing |
| 31 | 2 nd MBBS | 29.05.2024 | Microbiology | MI2.1,2.2 Cardiovascular System Infections: Infective Endocarditis and Acute Rheumatic Fever | General Medicine | 1 | Sharing |
| 32 | 2 nd MBBS | 03.06.2024 | Microbiology | MI2.4 Bloodstream Infections | Pathology | 1 | Sharing |
| 33 | 2 nd MBBS | 05.06.2024 | Microbiology | MI3.3 Enteric Fever | Pharmacology General Medicine | 1 | Sharing |
| 34 | 2 nd MBBS | 17.06.2024 | Microbiology | MI 2.7 HIV/AIDS | Pathology General Medicine | 1 | Sharing |




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| 35 | 2 nd MBBS | 24.06.2024 | Microbiology | MI2.5 Malaria, Babesiosis | General Medicine | 1 | Sharing |
| 36 | II MBBS | 7-5-24 | FMT | FM8.10 | PHARMA | 01 | HORIZONTAL |
| 37 | Final MBBS part 1 | 24-04-24 | Community Medicine | 8.1 | paediatrics | 1hour | Sharing Integration |
| 38 | Final MBBS part 1 | 22-05-24 | Community Medicine | 8.2 | General medicine | 1hour | Sharing Integration |
| 39 to 47 | Final MBBS Part-I (2021-22) | 19.2.2024 | ENT | EN.4.1 OME, Dis chargineear Middle ear diseases EN.4.7,4. 8CSOM ADD and TTD EN.4.12 Hearing | Physiolog y | 1hour | Vertical integrator |
| | Final MBBS Part-I (2021-22) | 26.2.2024 | ENT | | Physiolog y | 1hour | Vertical integrator |
| | Final MBBS Part-I (2021-22) | 11.3.2024 | ENT | | 1hour | Vertical integrator | |
| | Final MBBS Part-I (2021-22) | 18.3.2024 | ENT | | 1hour | Vertical integrator | |
| | Final MBBS Part-I | 25.3.2024 | ENT | | 1hour | Vertical integrator | |



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| | (2021-22) | 1.4.2024 | ENT | loss | | 1hour | Vertical integration |
| | Final MBBS Part-I (2021-22) | 8.4.2024 | ENT | | - | | |
| | Final MBBS Part-I (2021-22) | 15.4.2024 | ENT | EN.4.13 Otosclerosis | | 1hour | Vertical integration |
| | Final MBBS Part-I (2021-22) | 22.4.2024 | ENT | EN.4.20 Menis's disease | | 1hour | Vertical integration |
| | Final MBBS Part-I (2021-22) | | | EN.4.19,4. 21Tinnitus and vertigo EN.4.3,4.31Tumors of naso pharynx diseases of nasopharynx including | | 1hour | Vertical integration |
| | | | | EN.28.17 Stridor | | | |
| 48 | Final MBBS Part-I (2021-22) | 24.04.2024 | Ophthalmology | OP4.1+ OP4.2 Enumerate, describe and discuss the types and causes of corneal ulceration. Enumerate | Microbiology | 1Hour | Vertical Integration |
| | | | | and discuss the differential diagnosis of infective keratitis | | | |




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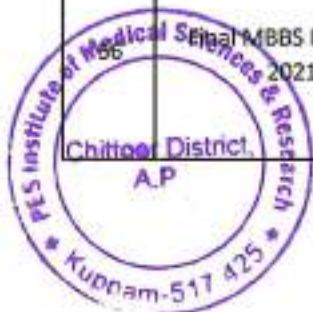
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|----|--------------------------------|------------|------------------|---|-----------------------------|-------|----------------------|
| 49 | Final MBBS Part-I (2021-22) | 29.05.2024 | Ophthalmology | OP7.1+ OP7.2+ OP7.3 a. Describe the surgical anatomy and the metabolism of the lens. b. Describe and discuss the aetio-pathogenesis, stages of maturation and complications of cataract. Demonstrate the correct technique of ocular examination in a patient with cataract | Anatomy | 1Hour | Vertical Integration |
| 50 | IIMBBS 2022-23 | 06.04.2024 | General Medicine | IM 23.2, IM23.3&I M23.2, IM23.3- Nutrition & metabolism- Fat soluble vitamins & Water soluble vitamins and minerals | Physiology, Biochemistry | 1hour | Vertical integration |




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| 51 | IIMBBS 2022-23 | 13.04.2024 | General Medicine | IM14.1, IM14.2, IM14.3, IM14.4, IM14.5, IM14.10, IM14.13, IM14.14, IM14.15- Nutrition &metabolism- Obesity | Pathology | 1hour | Vertical integration |
| 52 | IIMBBS 2022-23 | 11.05.2024 | General Medicine | IM4.1,IM 4.2,IM4.4, IM4.5,IM 4.7-Infectious diseases-Septic | Pathology, Microbiology | 1hour | Vertical integration |
| 53 | Final MBBS Part-I 2021-22 | 03.04.2024 | General Medicine | IM5.5,IM5.16I M5.11,IM5.12 ,IM5.2, IM5.3-Alcohol ic liver disease and acute alcohol intoxication | Pathology &Physiology | 2hours | Vertical integration |
| 54 | Final MBBS Part-I 2021-22 | 04.04.2024 | General Medicine | IM5.5,IM5.16I M5.11,IM5.12 ,IM5.2, IM5.3-Alcohol ic liver disease and acute alcohol intoxication | Pathology Physiology | 2hours | Vertical integration |
| 55 | Final MBBS Part-I 2021-22 | 29.04.2024 | General Medicine | IM3.1,IM3.2, IM3.3-Pneum onia | Anatomy, Pathology &Microbiology | 1hour | Vertical integration |
| | Final MBBS Part-I 2021-22 | 08.05.2024 | General Medicine | IM16.1,IM16. 3, O,16.12, IM16.13, IM16.14- Chronic | Pharmacology &Microbiology | 2hours | Vertical integration |



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|----|----------------------------|------------|---------------------|--|-------------------------------|--------|---------------------|
| | | | | Diarrhoea- Malabsorption syndromesand IBS | | | |
| 57 | FinalMBBSPart-I 2021-22 | 09.05.2024 | General Medicine | IM16.1,IM16. 3, O,16.12, IM16.13, IM16.14- Chronic Diarrhoea- Malabsorption syndromesand IBS | Pharmacology &Microbiology | 2hours | Verticalintegration |
| 58 | FinalMBBSPart-I 2021-22 | 15.05.2024 | General Medicine | IM16.15, IM16.16, IM16.17-Infla mmatory BowelDisease | Pathology &Pharmacology | 2hours | Verticalintegration |
| 59 | FinalMBBSPart-I 2021-22 | 16.05.2024 | General Medicine | IM16.15, IM16.16, IM16.17-Infla mmatory BowelDisease | Pathology &Pharmacology | 2hours | Verticalintegration |
| 60 | FinalMBBSPart-I 2021-22 | 13.06.2024 | General Medicine | IM7.1,IM7.2,I M7.8,IM7.9,I M7.10,IM7.13 ,IM7.14,IM7.1 9,IM7.23,IM7 .27-Dermatom yositis /Polymyositis | Pharmacology | 2hours | Verticalintegration |
| 61 | FinalMBBSPart-I 2021-22 | 17.06.2024 | General Medicine | IM7.1,IM7.2,I M7.8,IM7.9,I M7.10,IM7.13 ,IM7.14,IM7.1 9,IM7.23,IM7 .27-RA | Orthopedics | 1hour | Verticalintegration |



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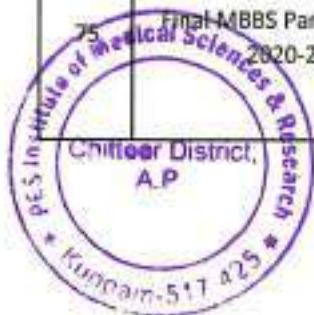
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|----|-------------------------------|------------|---------------------|--|------------------------------|--------|-------------------------|
| | | | | -Rheumatoid arthritis | | | |
| 62 | Final MBBS Part-I 2021-22 | 19.06.2024 | General Medicine | IM7.1,IM7.2,I M7.8,IM7.9,I M7.10,IM7.13 ,IM7.14,IM7.1 9,IM7.23,IM7 .27-Dermatom yositis /Polymyositis | Pharmacology | 2hours | Vertical integration |
| 63 | Final MBBS Part-I 2021-22 | 24.06.2024 | General Medicine | IM7.1,IM7.2,I M7.8,IM7.9,I M7.10,IM7.13 ,IM7.14,IM7.1 9,IM7.23,IM7 .27-Spondyloa rthropathies | Pharmacology ,Orthopedics | 1hour | Vertical integration |
| 64 | Final MBBS Part-I 2021-22 | 27.06.2024 | General Medicine | IM10.1, IM10.2, IM10.3, IM10.4-Nephro logy - AKI | Pathology | 1hour | Vertical integration |
| 65 | Final MBBS Part-II 2020-21 | 15.04.2024 | General Medicine | IM2.1,IM2.2, IM2.3,IM2.4, IM2.5-Acute Myocardial infarction/IH D | Physiology &Biochemistry | 1hour | Vertical integration |
| 66 | Final MBBS Part-II 2020-21 | 18.04.2024 | General Medicine | IM2.20, IM2.23-Acute Myocardial Infarction – Treatment &Complications | Pharmacology | 1hour | Vertical integration |
| 67 | Final MBBS Part-II 2020-21 | 02.05.2024 | General Medicine | IM17.1,IM17. 6, IM 17.14-Primary Headache | Anatomy | 1hour | Vertical integration |




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| 68 | Final MBBS Part-II 2020-21 | 07.05.2024 | General Medicine | IM17.4,IM17. 7,IM17.9,IM1 7.13-Bacterial meningitis | Microbiology, Pathology | 1hour | Vertical integration |
| 69 | Final MBBS Part-II 2020-21 | 10.05.2024 | General Medicine | IM18.1-CVS- Vascular supplyof brain | Anatomy | 1hour | Vertical integration |
| 70 | Final MBBS Part-II 2020-21 | 20.05.2024 | General Medicine | IM19.2IM19. 2, IM19.3, IM19. 4, IM 19.5, IM19.6, IM19. 7-Hyperkinetic movement disorders | Anatomy &Physiology | 1hour | Vertical integration |
| 71 | Final MBBS Part-II 2020-21 | 21.05.2024 | General Medicine | IM6.1,IM6.2,I M6.6,IM6.7-C NS infection in HIV | Pathology &Microbiology | 1hour | Vertical integration |
| 72 | Final MBBS Part-II 2020-21 | 06.06.2024 | General Medicine | IM12.1,12.2, 12.5,12.6, 12.7,12.8, 12.11-Hypothyroidism | Pathology, Physiology | 1hour | Vertical integration |
| 73 | Final MBBS Part-II 2020-21 | 07.06.2024 | General Medicine | IM12.1,12.2, 12.5, 12.6,12.7,12.8 12.11-Hyperthyroidism | Pathology, Physiology | 1hour | Vertical integration |
| 74 | Final MBBS Part-II 2020-21 | 10.06.2024 | General Medicine | IM14.1, 14.2,14.3,14.4 ,14.5-Obesity and its management | Pathology, Comm. Medicine | 1hour | Vertical integration |
| 75 | Final MBBS Part-II 2020-21 | 11.06.2024 | General Medicine | IM11.1,11.2,1 1.3-T2DM- Classification, Path physiology, Diagnosis | Pathology | 1hour | Vertical integration |




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| | | | | &Clinical features | | | |
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| 76 | Final MBBS Part-I (2021-22) | 20.04.2024 | General Surgery | SU3.1- Describe the indications and appropriate use of blood and blood products and complication of blood transfusion. | Pathology | 1Hour | Vertical Integration |
| 77 | Final MBBS Part-I (2021-22) | 25.04.2024 | General Surgery | SU5.1- Describe normal wound healing and factors affecting healing | Pathology | 1Hour | Vertical Integration |
| 78 | Final MBBS Part-I (2021-22) | 27.05.2024 | General Surgery | SU25.3- Describe the etiology, pathogenesis, clinical features, investigations and principles of treatment of benign and malignant tumours of breast | Radio diagnosis | 1Hour | Vertical Integration |
| 79 | Second MBBS (2022 – 2023) | 04.06.2024 | General Surgery | SGDPA8.1- Describe the diagnostic role of cytology and its application in clinical care | Pathology | 2Hours | Vertical Integration |




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| 80 | Second MBBS (2022 – 2023) | 05.06.2024 | General Surgery | SGDPA8.1- Describe the diagnostic role of cytology and its application in clinical care | Pathology | 2Hours | Vertical Integration |
| 81 | Second MBBS (2022 – 2023) | 06.06.2024 | General Surgery | SGDPA8.2- Describe the basis of exfoliative cytology including the technique & stains used | Pathology | 2Hours | Vertical Integration |
| 82 | Second MBBS (2022 – 2023) | 07.06.2024 | General Surgery | SGDPA8.2- Describe the basis of exfoliative cytology including the technique & stains used | Pathology | 2Hours | Vertical Integration |
| 83 | ThirdPhase2 | 23.04.24 | Paediatrics | MI1.10 | MICRO BIOLOGY | 30mints | Vertical Integration |
| 84 | ThirdPhase2 | 26.04.24 | Paediatrics | MI1.10 | MICRO BIOLOGY | 30mints | Vertical Integration |
| 85 | ThirdPhase2 | 27.05.24 | Paediatrics | OG18.1 | OBG | 30mints | Vertical Integration |
| 86 | IIMBBS2020-21 | 4.4.2024 | Orthopaedics | Describe and discuss the aetiopathogen- esis, clinical features, investigations, and principles of management Of soft tissue injuries (OR- 1.3) | | Theory1. Hour | Vertical Integration |




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| 87 | II MBBS 2020-21 | 5.4.2024 | Orthopaedics | Describe and discuss the mechanism of injury, clinical features, investigations and principles of management of fracture of shaft of humerus and intercondylar fracture humerus with emphasis on neurovascular deficit (OR- 2.4) | Theory1 Hour | Vertical integration |
| 88 | II MBBS 2020-21 | 12.4.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, mechanism of injury, clinical features, investigations and principles of management of pelvic injuries with emphasis on Hemodynamic instability (OR-2.7) | Theory1. Hour | Vertical integration |
| 89 | II MBBS 2020-21 | 18.4.2024 | Orthopaedics | Describe and discuss the mechanism of injury, Clinical features, investigations and principle of management of acetabular fracture (OR-2.9) | Theory 1 Hour | Vertical integration |




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| 90 | II MBBS 2020-21 | 19.4.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, mechanism of injury, clinical features, investigations and principles of management of fractures of proximal femur (OR-2.10) | Theory 1. Hour | Vertical integration |
| 91 | II MBBS 2020-21 | 25.4.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, Mechanism of injury, clinical features, investigations and principles of management of (a) Fracture patella (OR 2.11) | Theory 1. Hour | Vertical integration |
| 92 | II MBBS 2020-21 | 26.4.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, mechanism of injury, clinical features, investigations and principles of management of (b) Fracture distal femur (OR-2.11) | Theory 1. Hour | Vertical integration |
| 93 | II MBBS 2020-21 | 2.5.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, mechanism of injury, clinical features, investigations and principles of management of (c) Fracture proximal tibia (OR 2.11) | Theory 1. Hour | Vertical integration |





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| 94 | II MBBS 2020-21 | 3.5.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of Fracture shaft of femur in all age groups and therecognition and management of fat embolismasa complication (OR2.12.) | Theory1. Hour | Vertical integration |
| 95 | II MBBS2020-21 | 9.5.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, clinical features, investigations andprinciples of management of various inflammatory disorder of joints (OR 5.1) | Theory1. Hour | Vertical integration |
| 96 | II MBBS 2020-21 | 10.5.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, clinical features, investigation and principles of management of metabolic bone disorders in particular (A) osteoporosis, (OR7.1A) | Theory1. Hour | Vertical integration |
| 97 | IIMBBS2020-21 | 16.5.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, clinical features, investigation and principles ofmanagement of metabolic bonedisorders in particular (B) osteomalacia (OR7.1B) | Theory1. Hour | Vertical integration |




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| 98 | IIMBBS2020-21 | 17.5.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, clinical features, investigation And principles Of management of metabolic bone disorders in particular (C)Rickets (OR7.1C) | Theory1. Hour | Vertical integration |
| 99 | II MBBS 2020-21 | 23.5.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, clinical features, investigation and principles of management of metabolic bone disorders in particular (D)Paget's disease (OR7.1.D) | Theory1. Hour | Vertical integration |
| 100 | II MBBS2020-21 | 24.5.2024 | Orthopaedics | Describe the clinical features, evaluation, diagnosisand management of disability following traumatic brain injury (OR 8.1.) | Theory1. Hour | Vertical integration |
| 101 | II MBBS2020-21 | 30.5.2024 | Orthopaedics | Describeand discuss the aetiopathogenesis, clinical features, investigations andprinciples of management of peripheral nerve injuries in diseases likefootdrop, (OR 11.1) | Theory1. Hour | Vertical integration |
| 102 | II MBBS 2020-21 | 31.5.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of peripheral nerveinjuries in diseases like Wrist Drop (OR 11.1.b) | Theory1. Hour | Vertical integration |
| 103 | II MBBS 2020-21 | 7.6.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, clinical features, investigations andprinciples of management of peripheral | Theory1. Hour | Vertical integration |




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| | | | | nerveinjuries in diseases like Claw hand | | |
| 104 | II MBBS2020-21 | 7.6.2024 | Orthopaedics | Describe and discuss the aetiopathogen esis, clinical features, investigations and principles of management of peripheral nerve injuries in diseases like Palsies of Radial Nerve | Theory1. Hour | Vertical integration |
| 105 | IIMBBS2020-21 | 13.6.2024 | Orthopaedics | Describe and discuss the aetiopathogen esis, clinical features, investigations and principles of management of peripheral nerve injuries in diseases like Palsies of Ulnar Nerve | Theory1. Hour | Vertical integration |
| 106 | IIMBBS2020-21 | 14.6.2024 | Orthopaedics | Describe and discuss the aetiopathogen | Theory1. Hour | Vertical integration |
| | | | | esis, clinical features, investigations and principles of management of peripheral nerve injuries in diseases like Palsies of Medial Nerve | | |
| 107 | II MBBS2020-21 | 20.6.2024 | Orthopaedics | Describe and discuss the aetiopathogen esis, clinical features, investigations and principles of management of peripheral nerve injuries in diseases like Lateral Popliteal and Sciatic Nerves | Theory1. Hour | Vertical integration |
| 108 | II MBBS2020-21 | 21.6.2024 | Orthopaedics | Describe and discuss the clinical features,Invest l gations and principles of management of Congenital And acquired malformations and deformities of Scoliosis | Theory1. Hour | Vertical integration |




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| 109 | II MBBS2020-21 | 27.6.2024 | Orthopaedics | Describe and discuss the clinical features, investigations and principles of management of Congenital and acquired malformations and deformities of spinal bifida | Theory1. Hour | Vertical integration |
| 110 | II MBBS2020-21 | 28.6.2024 | Orthopaedics | Describe and discuss the clinical features, investigations and principles of management of Congenital and acquired malformations and deformities of Congenital dis location of HIP | Theory1. Hour | Vertical integration |
| 111 | IMBBS2021-22 | 1.4.2024 | Orthopaedics | Describe and discuss the Principles of management of soft tissue injuries (OR-1.4) | Theory1. Hour | Vertical integration |
| 112 | I MBBS 2021-22 | 8.4.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, clinical features, investigations, and principles of management of dislocation of major joints, shoulder, knee, hip (OR-1.5) | Theory1. Hour | Vertical integration |
| 113 | IMBBS2021-22 | 15.4.2024 | Orthopaedics | Plan and interpret the investigations to diagnose complications of fractures like malunion, non-union, infection, compartmental syndrome (OR 2.1..5) | Theory1. Hour | Vertical integration |
| 114 | IMBBS2021-22 | 22.4.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, clinical | Theory1. Hour | Vertical integration |




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| | | | | features, investigations and principles of management of Bone and Joint infections a) Acute Osteomyelitis b) Subacute osteomyelitis (OR3.1ab) | | |
| 115 | I MBBS 2021-22 | 29.4.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, mechanism of injury, clinical features, investigations and principles of management of spine injuries with emphasis on mobilisation of the patient (OR-2.8) | Theory1 Hour | Vertical integration |
| 116 | I MBBS 2021-22 | 26.4.2024 | Orthopaedics | Participates as a member in team for aspiration of joints under supervision (OR-3.2) (1to75) | Theory2 Hours | Vertical integration |
| 117 | I MBBS 2021-22 | 3.5.2024 | Orthopaedics | Participates as a member in team for aspiration of joints under supervision (OR-3.2) (76to150) | Theory2 Hours | Vertical integration |
| 118 | I MBBS 2021-22 | 6.5.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, clinical features, investigation and principles of management of: (a) Fracture both bones leg (OR-2.13a) | Theory1 Hour | Vertical integration |
| 119 | I MBBS 2021-22 | 10.5.2024 | Orthopaedics | Describe and discuss the clinical features, investigation and principles of management of Tuberculosis affecting major joints (Hip, Knee) including cold abscess and Caries spine (OR4.1) (1to 75) | Theory2 Hours | Vertical integration |




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| 120 | I MBBS 2021-22 | 13.5.2024 (Classin cancelled Election) | Orthopaedics | Describe and discuss the aetiopathogen esis, clinical features, Investigation and principles of management of ankle fractures ((OR-2.14) | Theory1. Hour | Vertical integration |
| 121 | I MBBS 2021-22 | 17.5.2024 | Orthopaedics | Describe and discuss the clinical features, Investigation and principles of management of Tuberculosis affecting major joints (Hip, Knee) including cold abcess and caries spine (OR 4.1) (76to 150) | Theory2 Hours | Vertical integration |
| 122 | I MBBS 2021-22 | 20.5.2024 | Orthopaedics | Plan and interpretthe Investigations to diagnose complications of fractures likemalunion, non- union, infection, compartmenta l syndrome (OR 2.15) | Theory1. Hour | Vertical integration |
| 123 | I MBBS2021-22 | 24.5.2024 | Orthopaedics | Describe and discuss the aetiopathogen esis, clinical features, investigations andprinciples of management ofbenignand malignant bonetumours and pathological fractures (OR-10.1)(1to75) | Theory2 Hours | Vertical integration |
| 124 | I MBBS2021-22 | 27.5.2024 | Orthopaedics | Describe and discuss the clinical features, Investigation andprinciples of management of Acute Suppurative | Theory1. Hour | Vertical integration |




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| | | | | arthritis (b) Septic arthritis & HIV infection (OR-3.1c,d) | | | |
| 125 | I MBBS2021-22 | 31.5.2024 | Orthopaedics | Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of benign and malignant bone tumours and pathological fractures (OR-10.1) (76 TO 150) | | Theory 2 Hours | Vertical integration |
| 126 | I MBBS2021-22 | 7.6.2024 | Orthopaedics | Describe and discuss the clinical features, investigation and principles of management of Acute Suppurative arthritis (b) Septic arthritis & HIV infection (OR-3.1c,d) | | Theory 2 Hours | Integration |
| 127 | I MBBS2021-22 | 14.6.2024 | Orthopaedics | Demonstrate the ability to convince the patient for referral to a higher centre in various orthopedic illnesses, based on the detection of warning signals and need for sophisticated management (OR - 14.3) | | Theory 2 Hours | Vertical integration |
| 128 | IMBBS2021-22 | 21.6.2024 | Orthopaedics | Demonstrate the ability to convince the patient for referral to a higher centre in various orthopedic illnesses, based on the detection of warning signals and need for sophisticated management (OR - 14.3) | | Theory 2 hours | Vertical integration |
| 129 | I MBBS2021-22 | 22.4.2024 | Orthopaedics | Diseases related to calcium and phosphate metabolism (PY-8.2PY 8.4) | Dept of Physiology | Theory 30 minutes | Vertical integration |




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| 130 | IM88S2021-22 | 25.4.2024 | Orthopaedics | Rheumatoid Arthritis | Dept of Pharmacology | Theory1 Hour | Vertical integration |
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COMPETENCY BASED UNDERGRADUATE CURRICULUM FOR THE INDIAN MEDICAL GRADUATE

Knows Knows how Shows Shows how Performs

Describe

Enumerate

Observe

Demonstrate

Assist

Counsel

Prescribe

Analyse

Integrate

Guide

Communicate

Correlate

Interpret

Critique

Collaborate

Module 4

Alignment and Integration

Clinician

Communicator

Team Leader

Professional

Lifelong Learner

Knowledge

Skills

Attitude

Values

Responsiveness

Communication

Curriculum Implementation Support Program

Alignment and Integration
Module for
Undergraduate Medical Education
Program
2019



Medical Council of India
Pocket-14, Sector-8, Dwarka,
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Foreword

Alignment and Integration

Subject based education has tremendous advantages. It provides learners with the opportunity to dwell deep into the learning matter and acquire strong fundamental concepts and the ability to build on it and attain scholarship. However, the unique needs of medical education necessitate both an understanding of "interconnectedness" between subjects and their ultimate application to the patient. In an attempt to address the need for enhancing the "wholesomeness" of education in the competency based curriculum while retaining the inherent strength and flavour of subject-based instruction, the Expert Group has recommended the use of two strategies: (a) alignment of related subject matter in a temporally coordinated fashion, and (b) use of three integration concepts that will enhance prior recall, application and emphasis of interconnectedness namely **sharing, nesting and correlation**.

This is a novel and challenging approach that has been suggested to further the goal of the competency driven curriculum that will require considerable planning, collaboration and team work amongst learners, teachers, planners and administrators in institutions. We believe that this investment is necessary to prepare learners to confront, adapt and be successful in the challenging environment of medical care. In addition to meeting the needs outlined, this approach will foster self - directed learning, team work, collaboration and inquiry. Importantly, the patient centricity that this approach will bring into the curriculum from year one will ensure that learners always have a connect with the ultimate goal of the MBBS program.

This booklet is intended to help institutions and teachers to design curriculum incorporating the approach suggested by the Expert Group. It is richly illustrated with examples on how to create an aligned and integrated timetable. We hope that this will be a useful guide.

We are grateful to the members of the Expert Group and the Academic Cell for painstakingly putting this booklet together. We hope that teachers and institutions will benefit from the suggestions provided herein and can successfully adapt and apply them into their own environment. We aspire to learn more and share with the nation the best practices that abound in all the medical colleges across the country. The ultimate aim of this exercise is to create a generation of doctors who will provide standard health care to the nation while becoming excellent scientists and scholars.

Chairman, Board of Governors

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Foreword

Alignment and Integration

This booklet provides a suggested pattern for alignment and integration of related competencies encapsulated in different subjects for teaching competency based MBBS program which commenced on August 1, 2019 across the country. Alignment of related topics to the extent feasible is a major thrust of the competency based curriculum. The Regulations in Graduate Medical Education 2019 (GMER 2019) also suggests integration to the extent of 20% of the subject-based curriculum through horizontal and vertical integration. This booklet is in alignment with the GMER 2019 part II document and provides institutions and curriculum planners a step by step approach to create a timetable for teaching, incorporating the principles of alignment and integration.

This booklet has been developed by experts invited by the Board of Governors in supersession of the Medical Council of India and incorporates their vast expertise and experience. The Council acknowledges their time and effort dedicated in creating this guide that can be used by institutions to develop their own learning process and content. Appreciation is also due to the efforts of the Academic Cell of the Council and faculty at the various Regional and Nodal Centres of MCI who worked tirelessly to ensure that the new competency driven curriculum and its various unique components are implemented faithfully and flawlessly across the medical colleges in this country from August 2019.


(Dr. R.K. Vats)
Secretary General

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Curriculum Implementation Support Program

Module – 4

ALIGNMENT AND INTEGRATION

Alignment and Integration

Introduction

The purpose of the MBBS program is to facilitate the medical student to become a primary caregiver to patients. Learning in the various basic and clinical science subjects is predominantly directed towards achieving this purpose. The volume and details required by the student to master each subject that comprises the overall MBBS program is considerable. Subject based instruction provides an opportunity for the student to acquire both vast and deep knowledge of each subject. This structure of instruction, however, may lead to lack of appreciation by the student of the interconnected nature of knowledge in the various subjects, their relatedness, and importantly their relevance to patient care. Additionally study in silos alone may lead to redundancy in instruction.

Several innovative methods have been developed over the years to address these challenges including various levels of integration of instruction that diminishes and removes boundaries within subjects both horizontally in a phase and vertically across phases. While appreciating the value of these approaches, the proposed Graduate Medical Education Regulations (GMER) 2019 has sought to strike a balance that will retain the strength of traditional subject-based teaching and the reality of subject based assessment while providing the relevance, opportunity to understand the interconnectedness and reduce redundancy in the subjects being taught.

In order to achieve this, the MBBS curriculum will become a) aligned to the extent possible - meaning that as much as possible topics in different subjects in the same phase that have similar threads will be grouped together in the timetable and b) integrated to a limited extent both vertically and horizontally. The purpose of horizontal integration (within a phase) is to remove redundancy and provide interconnectedness. In the earlier phases, the purpose of vertical integration (across phases) is to emphasise the applicative use of the basic science concept taught. In the later phases, its purpose is to utilise and build on prior knowledge and emphasise the foundations of clinical practice.

This document is meant to guide institutions, Curriculum Committee, MEU members, and teachers on how to create a timetable that incorporates the principles that have been laid down above reflecting the spirit of the proposed GMER document 2019.

Objective

The participant must be able to:

Facilitate the development of an aligned and integrated curriculum in his/her institution as envisaged in the GMER 2019 document.

Glossary of terms used

For the purposes of this document -

Alignment implies the teaching of subject material that occurs under a particular organ system/disease concept from the same phase in the same time frame i.e., temporally.

Integration implies that concepts in a topic/ organ system that are similar, overlapping or redundant are merged into a single teaching session in which subject based demarcations are removed. For the purpose of this document, topics from other phases that are brought into a particular phase for the purpose of reinforcement or introduction will also be considered as integrated topics. In the GMER 2019, time for integrated teaching is clearly demarcated.

Linker is a session that allows the learner to link the concepts presented in an aligned and integrated topic.

Curricular element or Program addressed

Alignment and Integration

Relevant Extracts from GMER 2019

10.1 Preamble: The salient feature of the revision of the medical curriculum in 2019 is the emphasis on learning which is competency-based, integrated and student-centered acquisition of skills and ethical & humanistic values.

Each of the competencies described below must be read in conjunction with the goals of the medical education as listed in items 2 and 3 of the GMER.

It is recommended that didactic teaching be restricted to less than one third of the total time allotted for that discipline. Greater emphasis is to be laid on hands-on training, symposia, seminars, small group discussions, problem-oriented and problem-based discussions and self-directed learning. Students must be encouraged to take active part in and shared responsibility for their learning.

10.2 Integration must be horizontal (i.e. across disciplines in a given phase of the course) and vertical (across different phases of the course). As far as possible, it is desirable that teaching/learning occurs in each phase through study of organ systems or disease blocks in order to align the learning process. Clinical cases must be used to integrate and link learning across disciplines.

Subject specific competencies with appropriate alignment and integration are available in the new competency based UG Curriculum document uploaded in the Medical Council of India website.

Description of the curricular program

Alignment

Teaching related systems or topics from different subjects in the same phase is strongly recommended. This is the principal method to be followed while creating the phase-wise timetable or calendar and is called alignment (see figure 1).

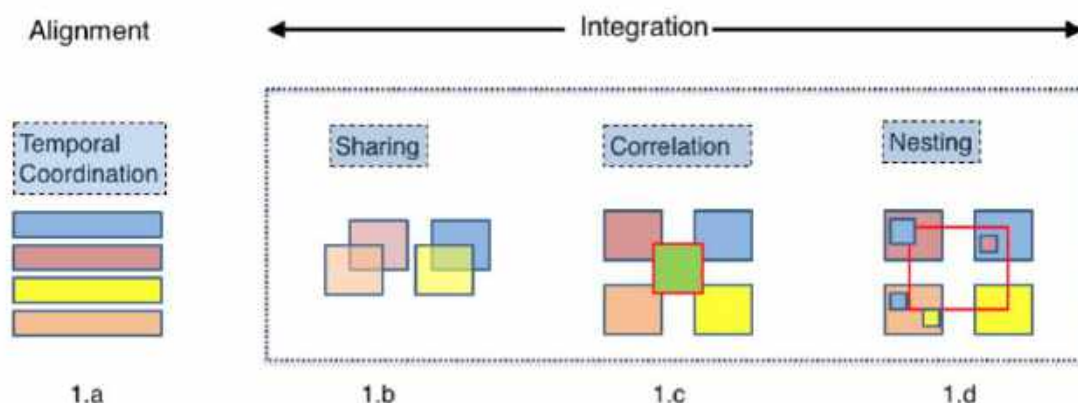


Figure 1: Integration concepts framed in the GMER 2019. Coloured boxes represent subjects. **1a. Alignment** - Temporal coordination: The timetable is adjusted so that topics within the subjects or disciplines which are related, are scheduled at the same time. **1b. Sharing**: Two disciplines may agree to plan and jointly implement a teaching program. **1c. Correlation**: The emphasis remains on disciplines or subjects with subject-based courses taking up most of the curriculum time. Within this framework, an integrated teaching session or course is introduced in addition to the subject-based teaching (green box with red border). **1d. Nesting**: the teacher targets, within a subject-based course, skills relating to other subjects (*Adapted from Harden R Med Edu 2000. 34; 551*).

Alignment is recommended for the majority of the curriculum allowing similar systems or topics in different subjects to be learnt separately but during the same time frame.

Aligning could be done as organ system based (figure 2a) or topic/disease based (figure 2b) or both (figure 2c)

Example: Syllabi in Cardiovascular system or Respiratory system in anatomy, physiology and biochemistry can be scheduled simultaneously in the timetable (figure 2a).

Example: A topic such as acute myocardial infarction or Tuberculosis can be created with the relevant learnings that will lead to the understanding of these topics

If desired, the major alignment can be organ system based with incorporation of some specific topics that will lend itself to integration (see below).

For eg. – In CV organ system the major alignment is with two topics, Acute Myocardial Infarction and Heart failure.

These topics or organ systems that are going to be aligned should be identified by the Curriculum Committee of the teaching institution and must be taught in an aligned fashion in each phase.

The method to derive topic objectives and sessions from competencies is outlined further in this booklet.

| Mon | Tues | Wed | Thurs | Fri | Sat |
|-------|-------|-------|--------|-----|-----|
| Intro | An | An | An | Bi | Ass |
| Ph | Ph | An | An/Rad | An | Ass |
| Bi | Ph | P | Ph | An | SDL |
| An | An | Ph/Bi | Ph | Ph | |
| Ph | Ph/Bi | An | Ph | An | |
| CM | Ph | Bi | AETCOM | An | |

| Mon | Tues | Wed | Thurs | Fri | Sat |
|-----|-------|----------|---------|--------|-----|
| An | An | An | An | Bi | Ass |
| Ph | Intro | Ph | Intro | An/Rad | Ass |
| Bi | Ph | An | Ph/Med | Ph | SDL |
| An | An | Sh Ph/Bi | Ph/Mic | Ass | |
| Ph | Ph/Bi | Ph/Bi | Ph/Pher | Ph | |
| CM | Ph | Bi | AETCOM | An | |

| | |
|-------|--------------------|
| | CV system |
| | Respiratory System |
| | Unaligned sessions |
| | Shared sessions |
| | Nested sessions |
| An | Anatomy |
| Ph | Physiology |
| Bi | Biochemistry |
| Rad | Radiology |
| Intro | Introduction |
| Ass | Assessment |

Representative timetable using showing how alignment can be done using an organ system based timetable

Figure 2a: Creating an aligned timetable using organ systems (six hours per day basis)

| Mon | Tues | Wed | Thurs | Fri | Sat |
|-----|-------|-------|--------|-----|-----|
| An | An | An | An | Bi | Ass |
| Ph | Intro | An | An/Rad | An | Ass |
| Bi | Ph | Ph/Bi | Ph/Med | An | SDL |
| An | An | Ph/Bi | Ph | Ph | |
| Ph | ECE | An | Ass | An | |
| CM | Ph | Bi | AETCOM | An | |

| Mon | Tues | Wed | Thurs | Fri | Sat |
|-----|-------|-------|---------|--------|-----|
| An | An | Intro | An | Bi | Ass |
| Ph | Intro | Ph | Intro | An/Rad | Ass |
| Bi | Ph | An | Ph/Med | Ph | SDL |
| An | An | Bi | Ph/Mic | Ass | |
| Ph | ECE | Ph | Ph/Phar | Ph | |
| CM | Bi | Bi | AETCOM | An | |

| | |
|--------------------|--------------|
| AITO MI | |
| AITO Tuberculosis | |
| Unaligned sessions | |
| Shared sessions | |
| Nested sessions | |
| An | Anatomy |
| Ph | Physiology |
| Bi | Biochemistry |
| Rad | Radiology |
| Intro | Introduction |
| Ass | Assessment |

Representative timetable using showing how alignment can be done using a Aligned and Integrated Topic Based timetable

Figure 2b: Creating an aligned timetable using Topics

| Mon | Tues | Wed | Thurs | Fri | Sat |
|-------|-------|-------|--------|-----|-----|
| Intro | An | An | An | Bi | Ass |
| Ph | Ph | Intro | An/Rad | An | Ass |
| Bi | Ph | Ph/Bi | Ph/Med | An | SDL |
| An | An | Ph/Bi | Ph | Ph | |
| Ph | Ph/Bi | An | Ass | An | |
| CM | Ph | Bi | AETCOM | An | |

| Mon | Tues | Wed | Thurs | Fri | Sat |
|-----|-------|----------|---------|--------|-----|
| An | An | An | An | Bi | Ass |
| Ph | Intro | Ph | Intro | An/Rad | Ass |
| Bi | Ph | An | Ph/Med | Ph | SDL |
| An | An | Sh Ph/Bi | Ph/Mic | Ass | |
| Ph | Ph/Bi | Ph/Bi | Ph/Phar | Ph | |
| CM | Ph | Bi | AETCOM | An | |

| | |
|--------------------|--------------|
| CV system | |
| AITO MI | |
| Respiratory System | |
| AITO Tuberculosis | |
| Unaligned sessions | |
| Shared sessions | |
| Nested sessions | |
| An | Anatomy |
| Ph | Physiology |
| Bi | Biochemistry |
| Rad | Radiology |
| Intro | Introduction |
| Ass | Assessment |

Representative timetable using showing how alignment can be done using system based timetable with use of topics in each system to improve integration

Figure 2c: Creating an aligned timetable using organ systems and topics

Integration

Integration is a learning experience that allows the learner to perceive relationships from blocks of knowledge and develop a unified view of its basis and its application. The GMER 2019 applies these principles to the extent that will retain the strengths of subject based education and assessment while providing experiences that will allow learners to integrate concepts.

Keeping this in mind, the Regulations recommend the adoption of temporal coordination (called **alignment** in this document) as the major method to be followed allowing similar topics in different subjects to be learnt separately but during the same time frame (Fig 1a).

Example: Pancreatic Beta cell anatomy and histology, Pancreatic Beta cell physiology and Insulin structure and synthesis in biochemistry are usually taught at different times of the year. An effort is made to group these related topics in different subjects during the same time frame in the calendar (figure 3a and 3b).

In a small proportion - not to exceed 20% of the total curriculum an attempt can be made to **share** (figure 1b) topics or **correlate** (figure 1c) topics by using an integration or linker session. The integration session most preferred will be a case-based discussion in an appropriate format ensuring that elements in the same phase (horizontal) and from other phases are addressed.

Example: Since there is significant overlap in liver function in physiology and bilirubin metabolism in biochemistry - two departments could **share** sessions thereby reducing redundancy in what is being taught. (Note that it is not essential for two teachers to teach but it is important that the session is planned to ensure that the objectives of both subjects are achieved) (figure 3c).

As much as possible, the necessary correlates from other phases must also be introduced while discussing a topic in a given subject - **Nesting** (figure 1d).

Example: In a session on bilirubin metabolism a patient (a paper case is sufficient) with Dubin Johnson syndrome is **nested** as a short discussion to provide an understanding of what can go wrong, how does it manifest and what is the relevance and future application of learning bilirubin metabolism (figure 3e).

Care must be taken to ensure that achievement of phase based objectives are given primacy - the integrative elements from other phases are used only to provide adequate recall and understand the clinical application of concepts. It must be emphasised that integration does not necessarily require multiple teachers in each class. Experts from each phase and subject may be involved in the lesson planning but not in its delivery unless deemed necessary.

Topics that cannot be aligned and integrated must be provided adequate time in the curriculum throughout the year. These concepts are summarised in table 1 and figure 3 (a-e).

Assessment will continue to be subject based. However, efforts must be made to ensure that phase appropriate correlates are tested to determine if the learner has internalised and integrated the concept and its application.

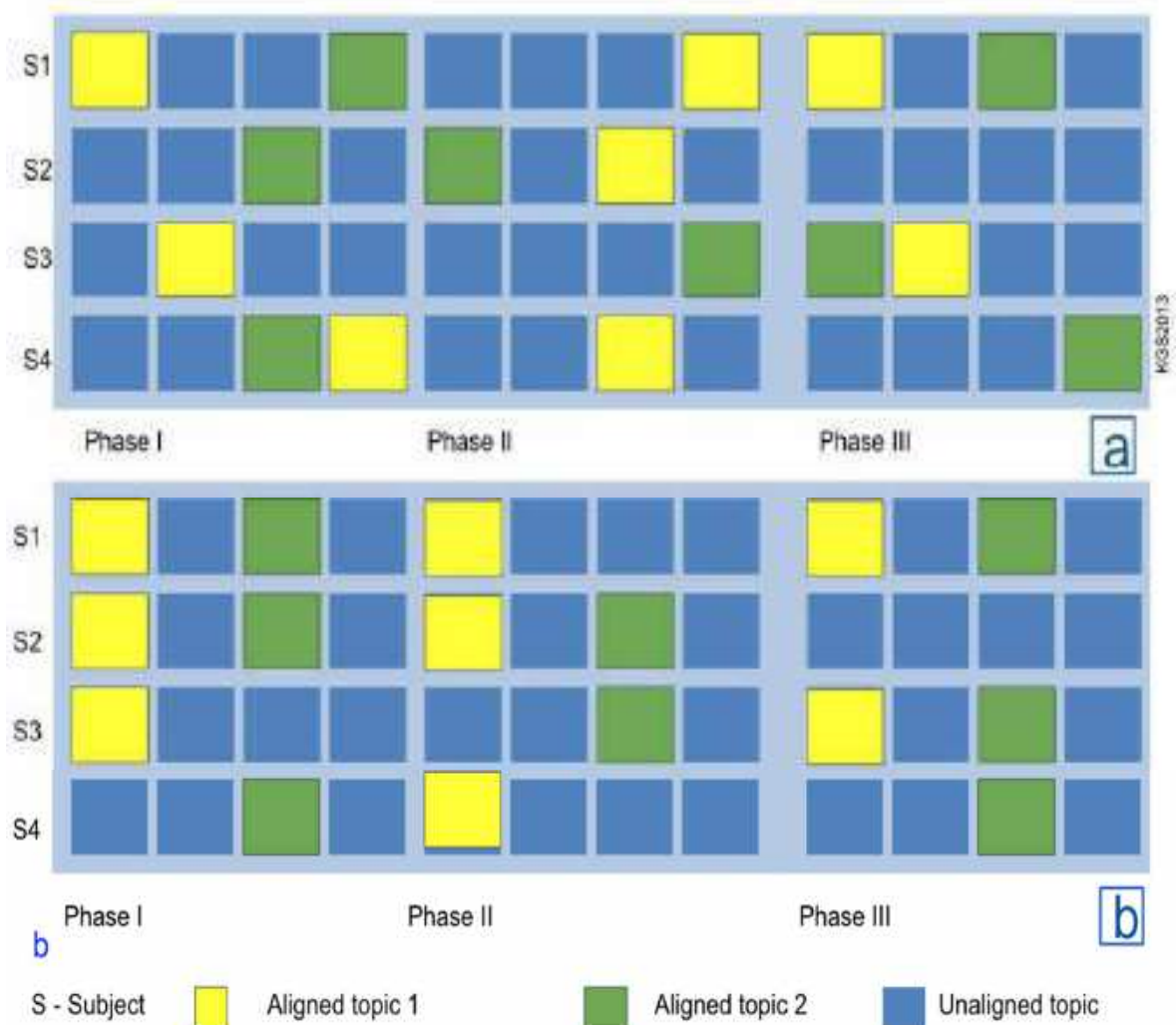
Table 1. Considerations for using alignment and integration in the curriculum

| Competency /Objective | Same Phase | Different Phase |
|--|------------------|-----------------|
| Cannot be aligned with a similar topic in a different subject eg. Lower limb anatomy and dissection | Teach separately | - |
| Can be taught together in different sessions in the same topic eg. Beta Cell histology in anatomy, Beta Cell function in physiology and structure and secretion of insulin, in biochemistry | Align | - |
| Can be taught in the same session in the same topic eg. Sharing - function of the hepatocyte, in physiology and bilirubin metabolism, in biochemistry eg. Nesting - Present the clinical features and laboratory data of patient with Dubin Johnson syndrome in a session on Bilirubin metabolism | Share | Nest |
| Can be used to link concepts taught in a particular topic eg. a patient with Type 1 Diabetes is used to understand the functions of the pancreatic islet - secretion and metabolism | - | Correlate |

Figure 3: Pictorial illustration of alignment and integration concepts used in the GMER

Figure 3a: Traditionally topics which have the same core of ideas in different subjects are taught at different times.

Figure 3b: Alignment is teaching these related components of a topic from different subjects at the same time i.e, in a temporally coordinated fashion.



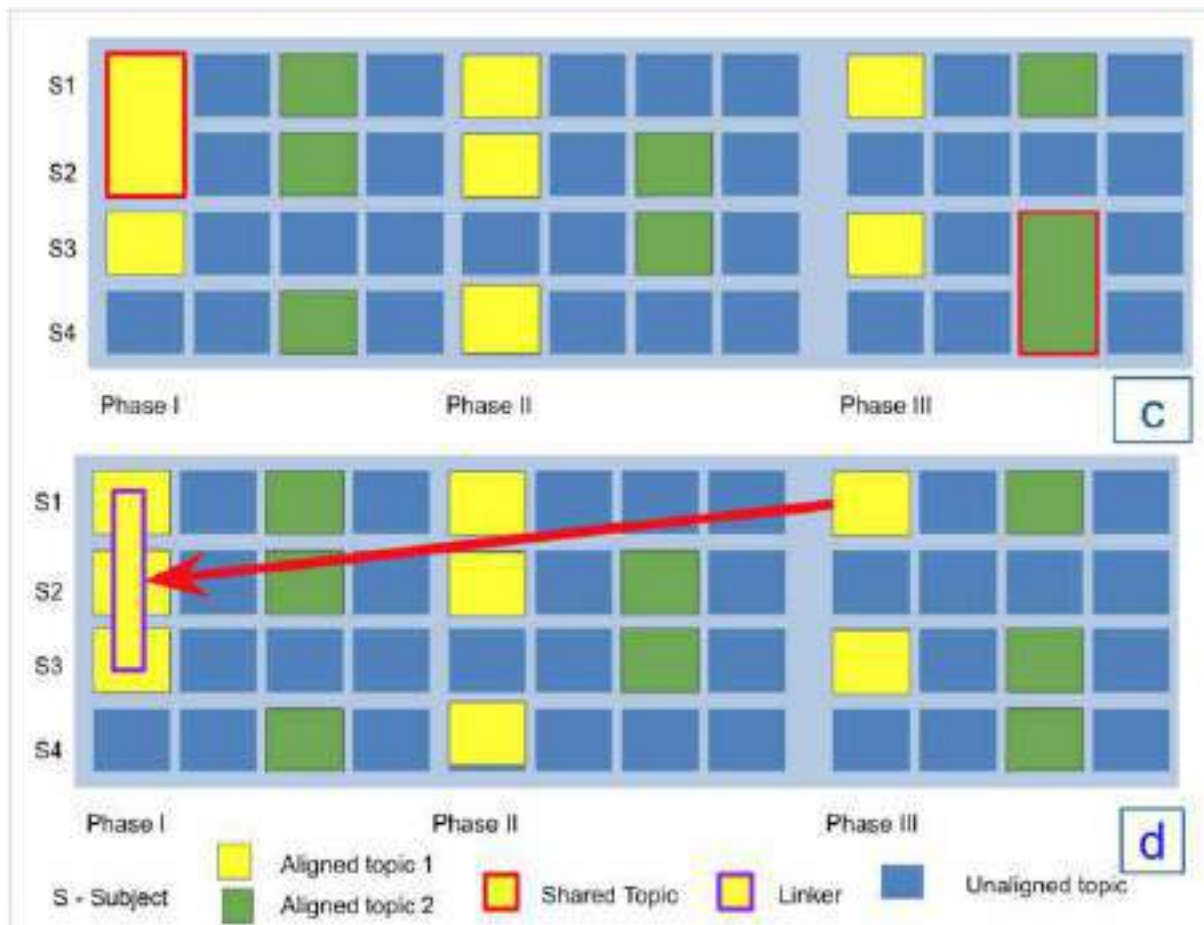


Figure 3c: Redundancy can be reduced by creating a session, merging session objectives from two or more subjects and creating a shared session (Box with red outline).

Figure 3d: Increased correlation can be achieved by using a Linker (Box with purple outline) - usually a case (with sufficient complexity) from the same topic from a higher phase is used to anchor the learning.

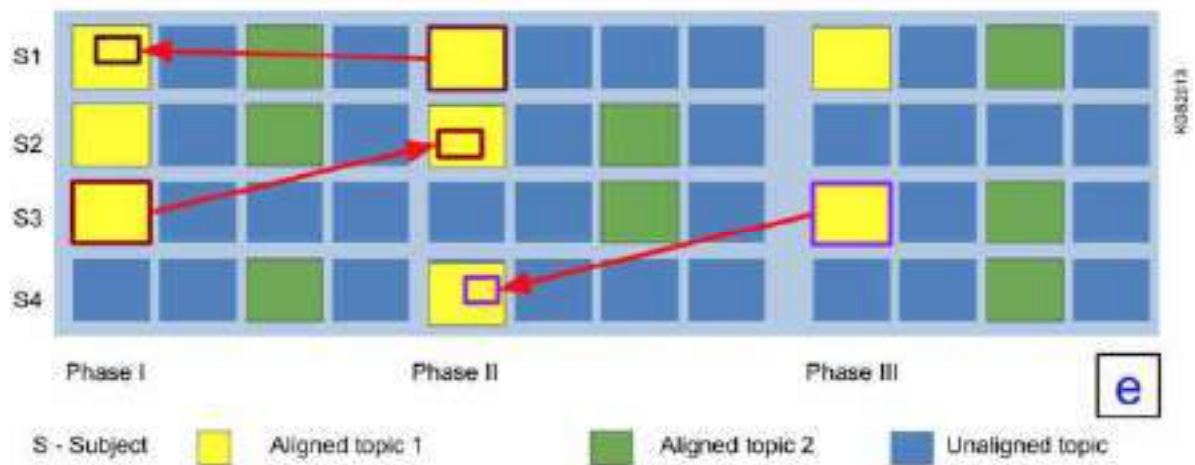


Figure 3e: Appropriate concepts from other phases can be brought into a phase: to increase relevance at a lower phase or increase prior recall or reinforce the fundamental basis at a higher phase. This is done by nesting some learning objectives from the topic in other phases into a learning session.

Steps in the development of Aligned and Integrated Topic (AITo) (Figure 4)

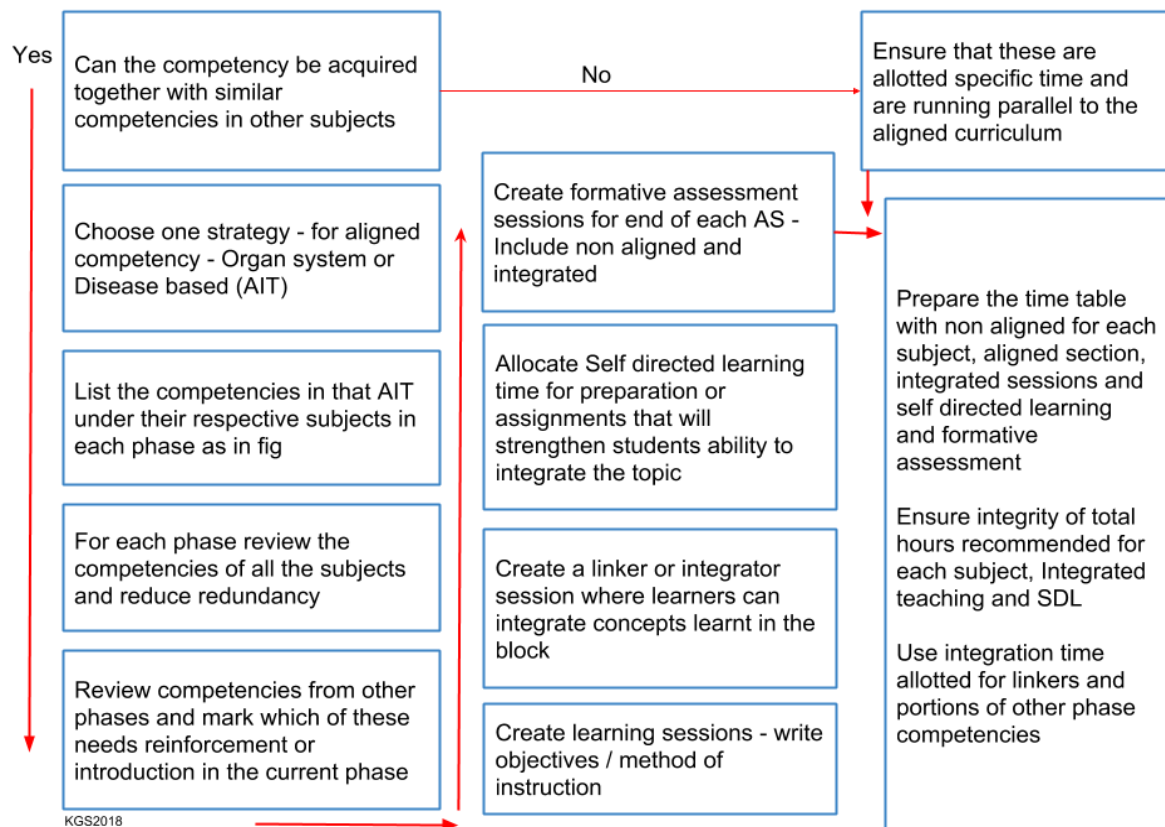


Figure 4: Overview of process to create an aligned and integrated topic

Step 1: Identify a list of topics or organ systems that will be accommodated in the timetable as aligned and integrated topics (AITo). Examples of such topics included: Anemia, Febrile illnesses, Trauma etc. are provided in Appendix 1 **of this book**. Examples of organ system are Cardiovascular System, Gastro-intestinal system, Endocrine system.

Step 2: From the subject-wise competency document book developed by the MCI, transfer the competences that address the topic into a template. Arrange these competencies according to phase and subject (see Appendix 3 for an example).

Examples for the topics are available in Appendix 1. A glossary to understand competency is available in Appendix 2. A comprehensive list of competency for the AITo Anemia is available in Appendix 3.

Step 3: For each competency, derive learning objectives, learning sessions and assessment methods.

- a. A learning session is created by putting together a bunch of objectives that can be accomplished in the allotted time and/or require a similar method of instruction.
- b. A bunch of learning sessions that are put together that address the topic from different subjects in the phase form an Aligned and Integrated Topic (AITo).

(See Figures 5-8 extracted from the Competency based UG curriculum document published by the Medical Council of India that illustrates this process).

Step 4: In each AITo of the phase, it is important to review competencies from the previous phase that will bear reinforcement in the current phase. Similarly, it is important to ensure that competencies in the next higher phases are reviewed to explore if some of these require introduction in this phase. Integration sessions allotted in each phase may be used to deliver these competencies.

- a. By reviewing objectives / competencies in a phase, redundant ones and those in each subject that can be taught together without a subject demarcation can be identified for horizontal integration (**Sharing**).
- b. Similarly, by reviewing objectives or competencies across phases, those with a common thread can be identified for vertical integration (**Nesting and Correlation**).
- c. Objective writing and session planning must be done with teachers of all subjects involved in the aligned and integrated topic (AITo) and their inputs taken for the integrated session.
- d. It is important to remember that ***the concept and not necessarily teachers*** have to be integrated. Using different teachers in each integrated session is nice but rarely required.

Step 5: Consider adding a **linker** to each AITo. A linker, as defined above, is a session that aptly links the various related stand-alone elements represented in an AITo and helps **Correlate**. In the medical curriculum, the linker is most commonly a case. A case that is creatively written can be used in each phase (often the same case) to allow students to correlate what they have learnt and apply into understanding disease process, diagnosis and care. Using a case-based discussion in small groups will, in addition, encourage collaborative and self-directed learning. Using the case discussion at different time points in AITo, will allow students to reinforce and link concepts appropriately.

An example of creating learning sessions with objectives incorporating principles of alignment, sharing, nesting and correlation is illustrated in figure 9 (1-8).

Step 6: Ensure that adequate time for the AITo is created in the time table. It is important to consider the inclusion of an end of block assessment that will count towards formative/internal assessment.

Important: While creating the timetable ensure that topics in each subject that cannot be aligned are also taught simultaneously in each subject and that the timetable accommodates these topics appropriately.

An example of timetable incorporating an aligned and integrated topic is available in Appendix 4. The functions of the AIT team in collaboration with phase-wise Curriculum subcommittee and Curriculum Committee in creating the AIT is illustrated in figure 11 in the section on governance.

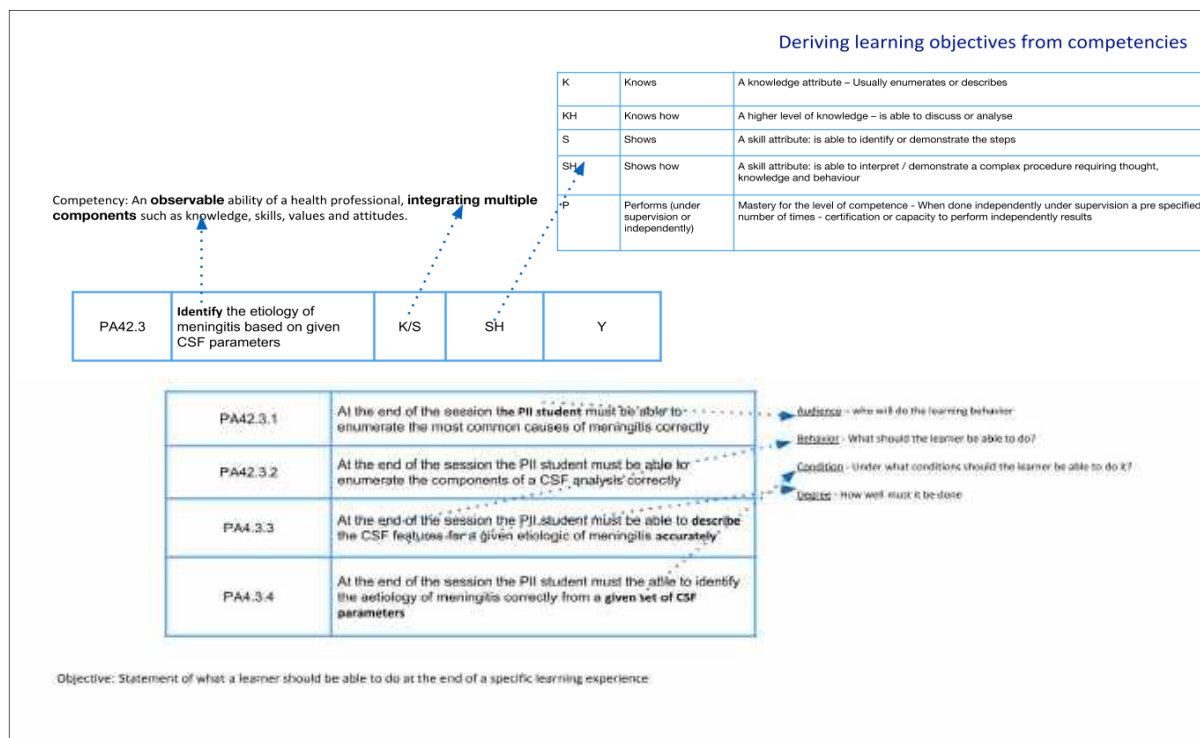


Figure 5 - Deriving learning objectives from competencies

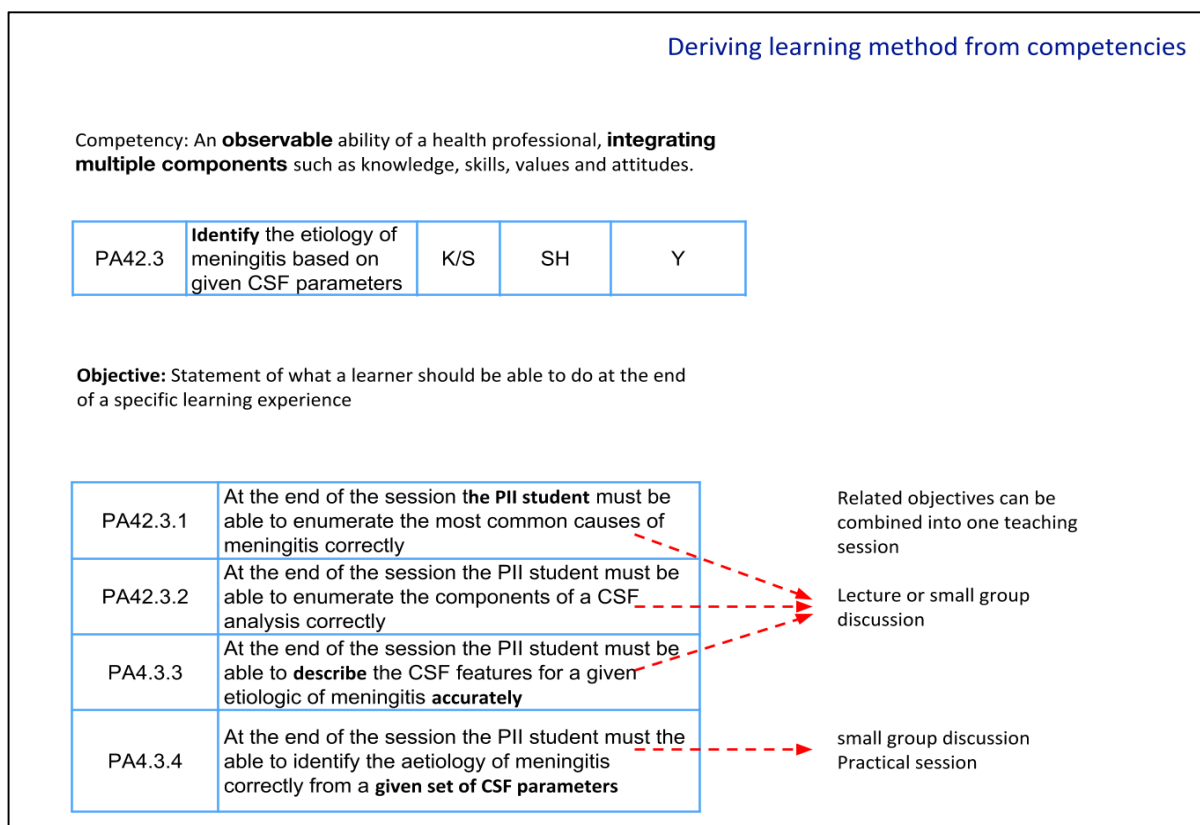


Figure 6. Deriving learning methods from competencies

Deriving assessment method from competencies

Competency: An **observable** ability of a health professional, **integrating multiple components** such as knowledge, skills, values and attitudes.

| | | | | |
|--------|---|-----|----|---|
| PA42.3 | Identify the etiology of meningitis based on given CSF parameters | K/S | SH | Y |
|--------|---|-----|----|---|

Objective: Statement of what a learner should be able to do at the end of a specific learning experience

| | | |
|----------|--|--|
| PA42.3.1 | At the end of the session the PII student must be able to enumerate the most common causes of meningitis correctly | Short note or part of structured essay: Enumerate 5 causes of meningitis based on their prevalence in India |
| PA42.3.2 | At the end of the session the PII student must be able to enumerate the components of a CSF analysis correctly | Short note or part of structured essay: Enumerate the components tested in a CSF analysis |
| PA4.3.3 | At the end of the session the PII student must be able to describe the CSF features for a given etiologic of meningitis accurately | Short note or part of structured essay: Describe the CSF findings that are characteristic of tuberculous meningitis |
| PA4.3.4 | At the end of the session the PII student must be able to identify the aetiology of meningitis correctly from a given set of CSF parameters | Short note / part of the structured essay/ Skill station/ Viva: Review the CSF findings in the following patient and identify (write or vocalise) the most likely ethology |

Figure 7: Deriving assessment methods from competencies

Deriving integration from competencies

Competency: An **observable** ability of a health professional, **integrating multiple components** such as knowledge, skills, values and attitudes.

| | | | | | | | | |
|-------|--|---|----|---|-------------------------|-----------------|----------|-----------|
| MI2.4 | List the common microbial agents causing anemia. Describe the morphology, mode of infection and discuss the pathogenesis, clinical course, diagnosis and prevention and treatment of the common microbial agents causing Anemia. | K | KH | Y | Didactic Small group | Written Viva | Medicine | Pathology |
|-------|--|---|----|---|-------------------------|-----------------|----------|-----------|

Objective: Statement of what a learner should be able to do at the end of a specific learning experience

| | | |
|---------|---|--|
| MI2.4.1 | Enumerate the common microbial agents causing anaemia | <p>Integrate concept - not necessarily teachers Plan session with teachers of both subjects -Teachers from both subjects usually not needed to Ensure redundancy and duplication removed by reviewing both subjects</p> <p>Horizontally aligned and integrated with pathology</p> <p>Vertically integrated with general medicine</p> <p>Integrate concept - not necessarily teachers Plan session with teachers from both phases Make a decision on how much of the information needs to be brought to this phase to make it relevant Consider how a competency can ascend over phases. For eg - can be at a KH - know how in phase II but become a SH in phase III For vertical integration with clinical subjects use of a case to link the concept (a well written paper case is sufficient. Using teachers from both phases is rarely required</p> |
| MI2.4.2 | Describe the morphology of agent (1,2 etc) | |
| MI2.4.3 | Describe the mode of infection of agent in humans | |
| MI2.4.4 | Discuss the pathogenesis of anemia caused by agent | |
| MI2.4.4 | Describe the clinical course of infection by agent | |
| MI2.4.5 | Enumerate the diagnostic tests to identify the aetiology of agent as a cause of anaemia | |
| MI2.4.6 | Discuss the methods to prevent infection by agent | |
| MI2.4.7 | Describe the treatment of infection by agent | |

Figure 8: Marking objectives/ competencies for integration

Figure 9 (1-8) has used anemia as an example for creating an Aligned and Integrated topic.

Note: A comprehensive list of competencies for the topic anemia gleaned from the competency booklet is presented in Appendix 3.

For illustrative purposes only

| | | |
|-----------------------------|--|---|
| AITO – Anemia | Step 1. Identify relevant competencies in each subject in the phase that can be taught in a temporally coordinated fashion under a topic | |
| Phase 1 Competencies | Physiology Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin KH. | Biochemistry Describe the functions of haem in the body and describe the processes involved in its metabolism and arrangements associated with these. KH Describe the major types of haemoglobin and its derivatives found in the body and their physiological/ pathological relevance. KH |

Figure 9.1 In this example two related competencies are identified from physiology (purple) and Biochemistry (Green) from the competency booklet

| | | |
|-----------------------------|--|---|
| AITO – Anemia | Step 2. List session objectives for each subject that can be taught in a temporally coordinated fashion | |
| Phase 1 Competencies | Physiology Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin KH. | Biochemistry Describe the functions of haem in the body and describe the processes involved in its metabolism and arrangements associated with these. KH Describe the major types of haemoglobin and its derivatives found in the body and their physiological/ pathological relevance. KH |
| Session Objectives | At the end of the session the student must be able to: <ol style="list-style-type: none"> Enumerate the steps in the synthesis of hemoglobin Enumerate the steps in the breakdown of hemoglobin Describe the functions of hemoglobin Describe the process of oxygen carrying by hemoglobin Enumerate the major variants of hemoglobin Describe the structure function relationship of hemoglobin variants Describe the changes in function consequent to abnormalities in hemoglobin structure Describe the changes in function consequent to abnormalities in hemoglobin function | At the end of the session the student must be able to: <ol style="list-style-type: none"> Describe the functions of hemoglobin Describe the structure of hemoglobin Enumerate the major variants of hemoglobin Describe the alteration seen in the major variants of hemoglobin Describe the structure function relationship of variants of hemoglobin Describe the steps in the metabolism of hemoglobin Describe the changes in metabolism consequent to abnormalities or variance in hemoglobin structure / composition |
| | | Purple: Physiology Green: Biochemistry Brown: Pathology |
| | | Principle : Alignment |

Fig 9.2 Session objectives are derived for each competency are identified

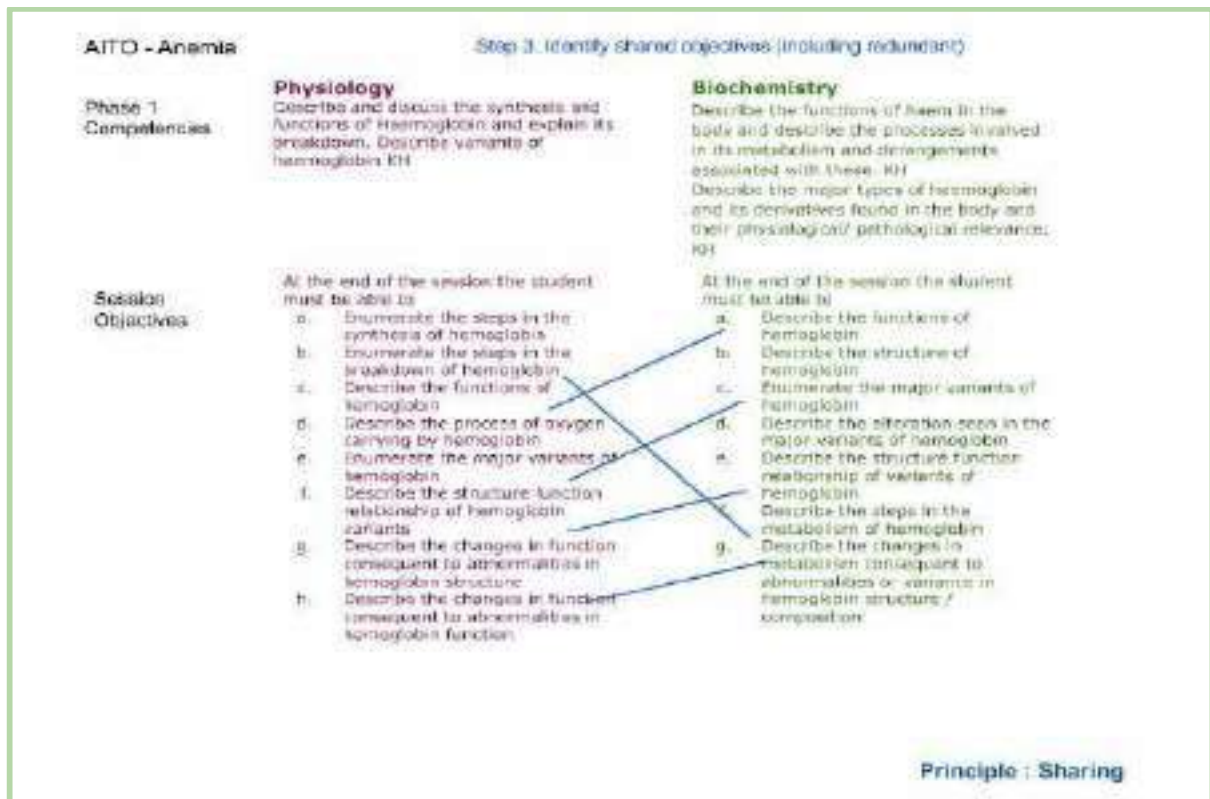


Fig 9.3 Objectives that are similar to both subjects are marked for redundancy and sharing

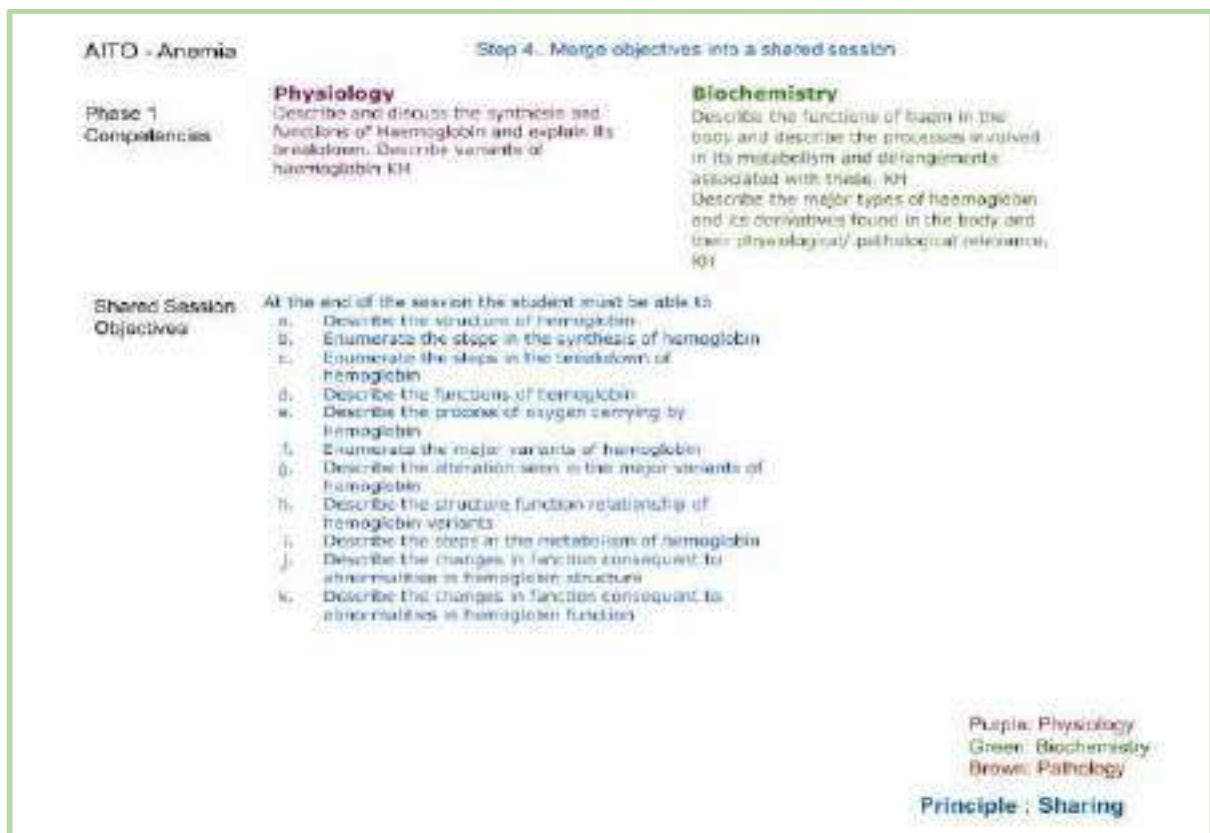


Fig 9.4 A new shared session is created merging the objectives from both subjects by removing redundancy

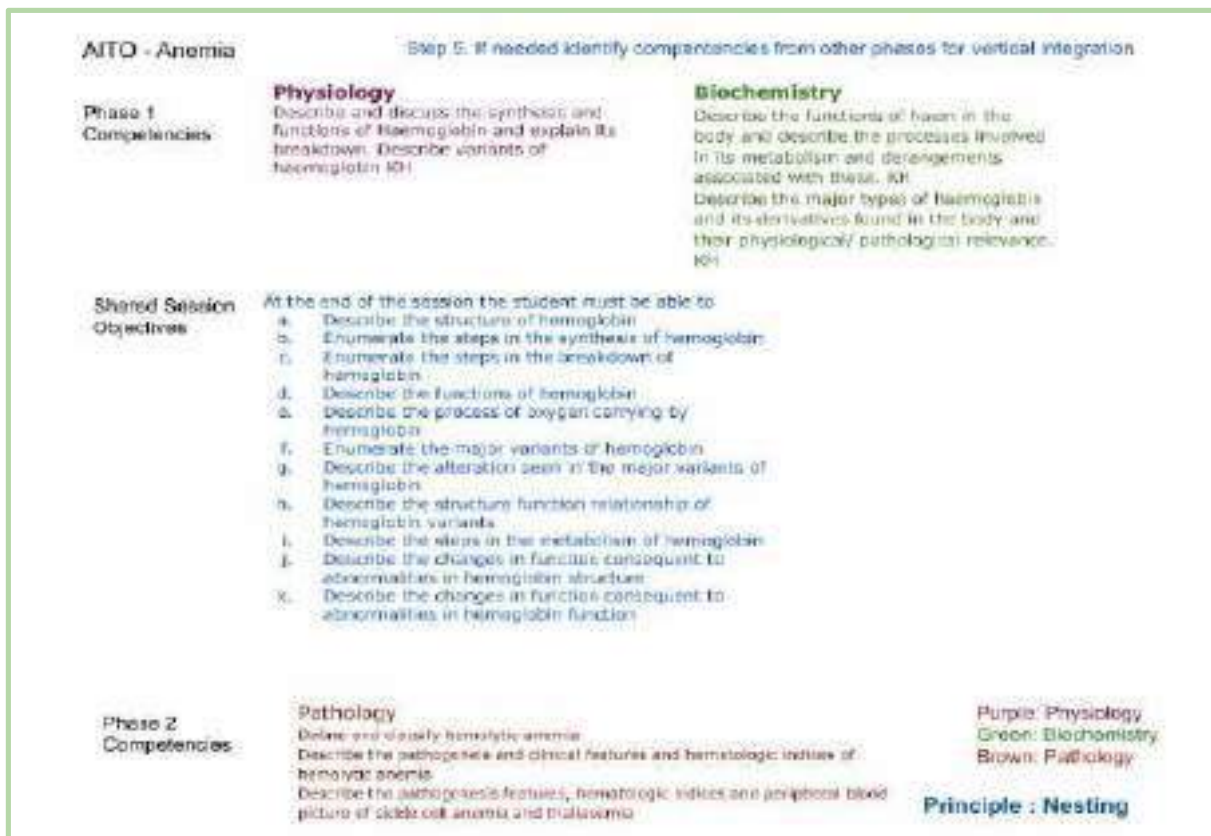


Fig 9.5 If desired, subjects from other phases are reviewed for competencies that will enhance the value of the learning session - in this instance a few competencies from pathology are brought into phase I to enhance the value of learning in the shared session.

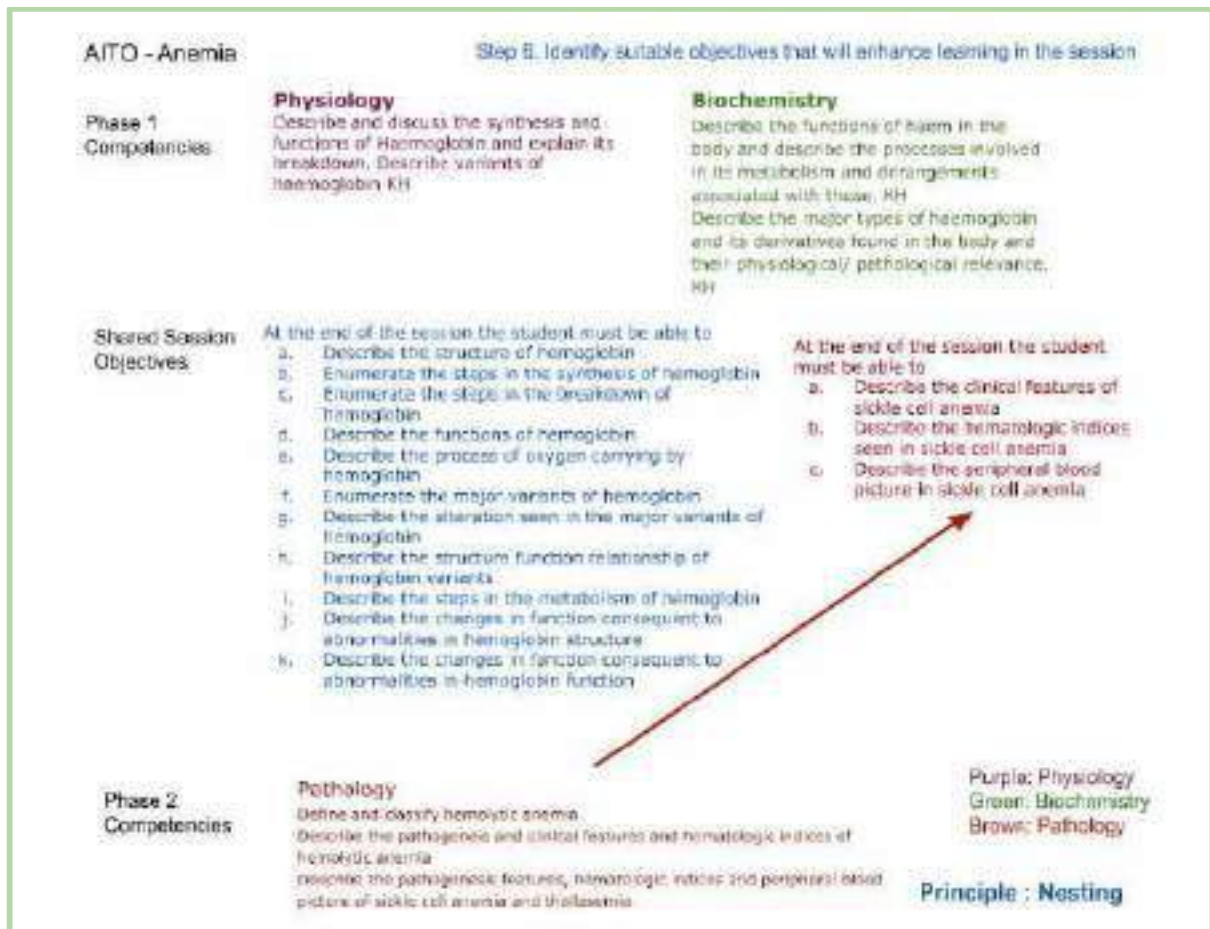


Fig 9.6 Objectives from the pathology (brown) competencies are listed



Fig 9.7: Selected objectives are “nested” to the shared session

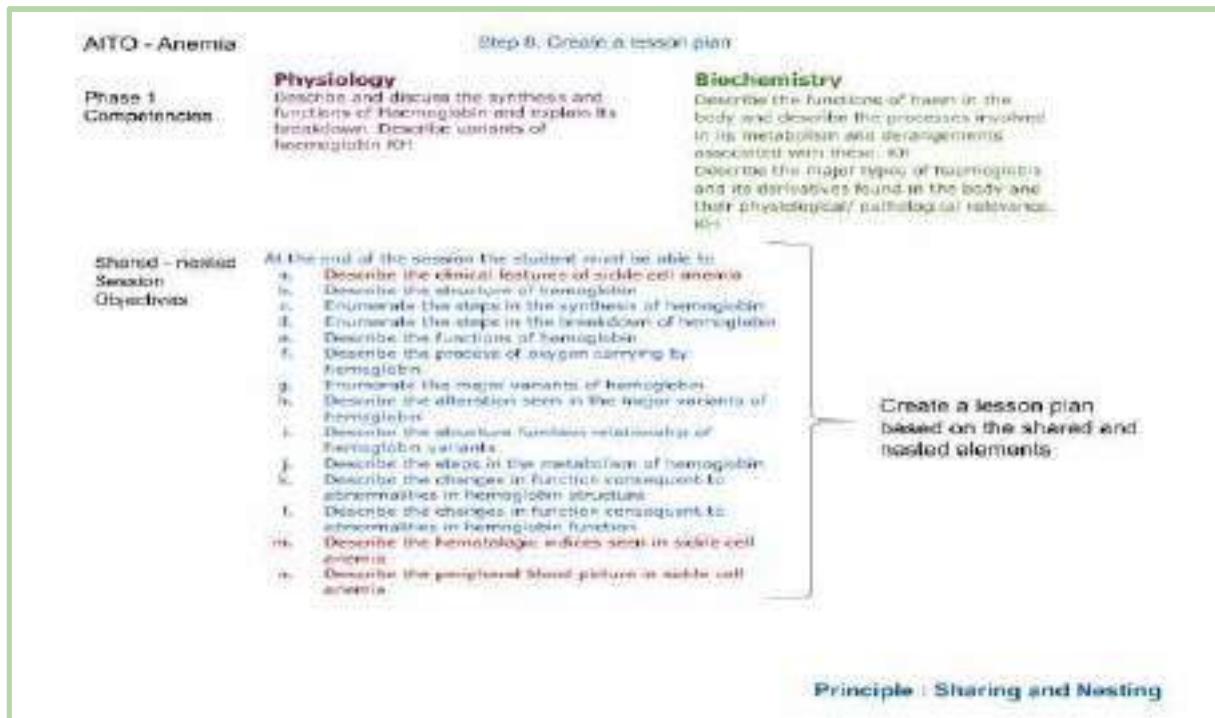


Fig 9.8 A lesson plan is created for the integrated session

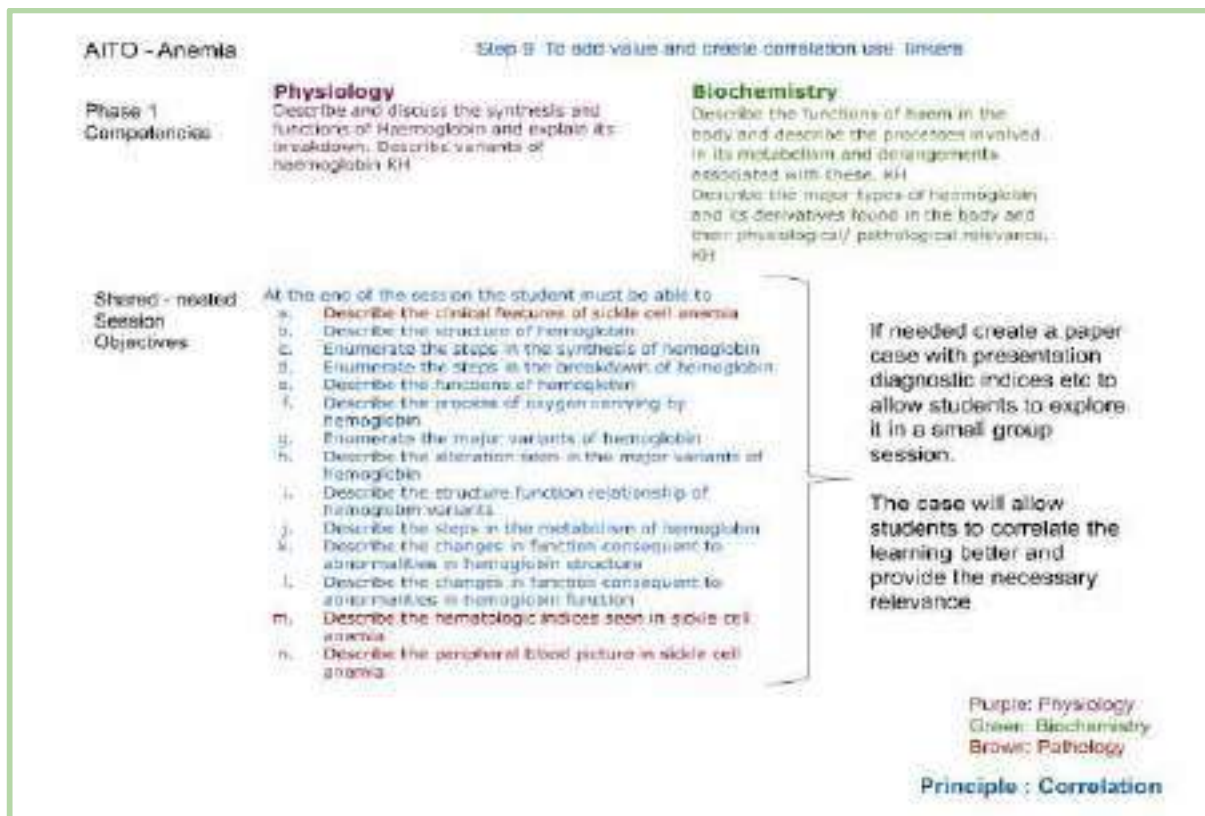
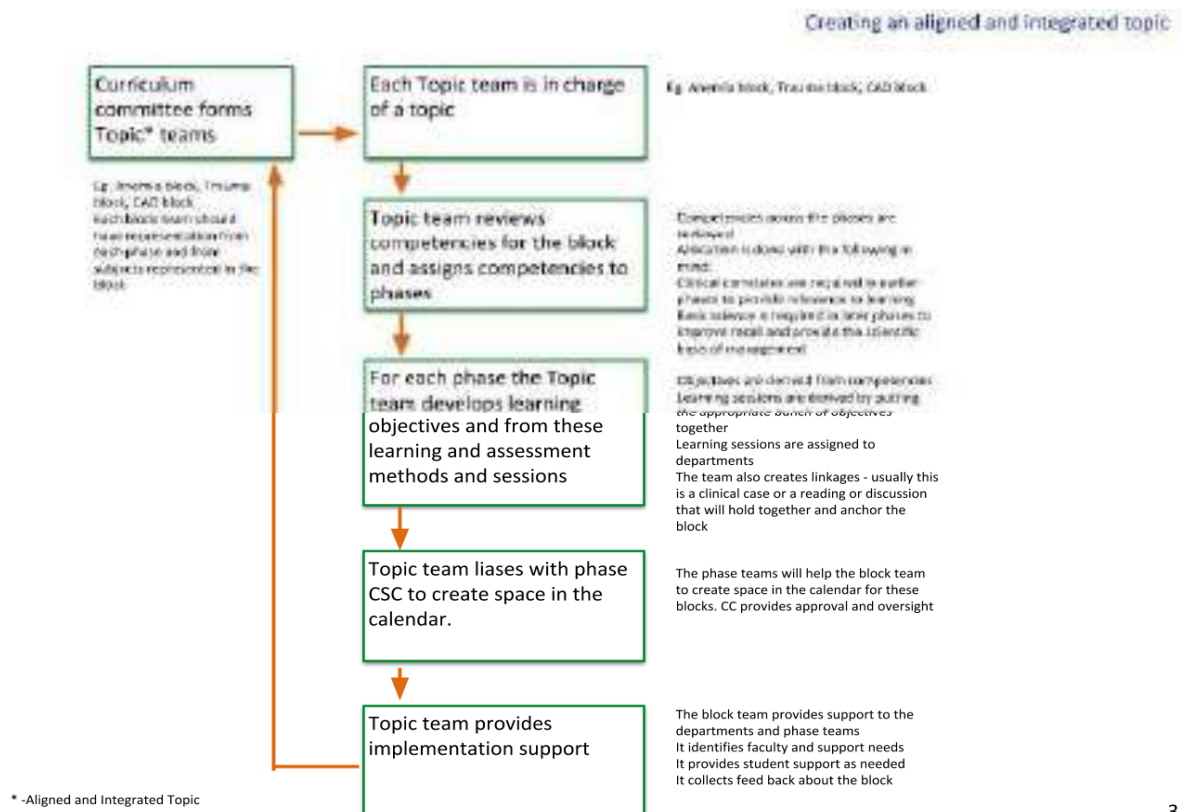


Fig 9.9 A paper case is often used as a linker to improve the relevance and allow greater correlation

Curricular Governance required to create and implement an Aligned and Integrated Curriculum



3

Figure 10: Steps and oversight required in development of Aligned and Integrated Topic

The development of an aligned and integrated curriculum will require significant collaboration from all stakeholders. In addition, curricular oversight will be required for its smooth implementation.

1. The Dean as the head of the institution and also as the Chairman of the Curriculum Committee will be responsible for the overall development, implementation and oversight of the curriculum.
2. The Curriculum Committee as constituted in accordance with the directives of the MCI will:
 - a. Develop a strategy for creating and implementing the curriculum and providing oversight,
 - b. Decide if the alignment will be topic or organ system based,
 - c. Create a phase-wise Curriculum Subcommittee (PWCS) to oversee the creation and delivery of aligned and integrated curriculum,
 - d. Create and support topic teams which will develop objectives and learning sessions for each topic across the phases,
 - e. Approve and release the annual timetable for each phase,

- f. Liaise with the Medical Education Unit or Department for required faculty support.
3. The Phase-wise Curricular Sub-committees (PWCSC) may be constituted with heads of Departments or key faculty in each phase with adequate representation from other phases and reporting to the Curriculum Committee. The PWCSC should:
 - a. Review competencies for each phase and convert them into learning objectives,
 - b. Align the curriculum as much as possible and enlist help from other phases in creating necessary vertical integration and links,
 - c. Reduce redundancy across the phase by integrating overlapping teaching elements,
 - d. Develop learning and assessment methods for each phase,
 - e. Prepare the timetable for the phase and present it to the Curriculum Committee for approval.
4. If needed, topic teams or Alignment and Integration (AIT) teams may be created. These teams will have at least one member from each department across phases and is responsible for delivery of the topics identified. The AIT team will:
 - a. Create learning and assessment sessions of the Aligned and Integrated Topics (AITo) identified across phases,
 - b. Represent the Aligned and Integrated Topic (AITo) to the phase-wise Curricular subcommittee and/or Curriculum Committee,
 - c. Review competencies and develop learning objectives for the topic,
 - d. Assign learning objectives to each phase and teaching session,
 - e. Develop learning and assessment methods for the AITo,
 - f. Help faculty with delivering session appropriately and in a collaborative manner across phases,
 - g. Collect feedback for the AITo, and
 - h. Provide student support.

Further reading

Required Reading

1. Ronald M Harden, The integration ladder: a tool for curriculum planning and evaluation, *Medical Education* 2000;34:551-557.
2. Alam Sher Malik & Rukhsana Hussain Malik, Universiti Teknologi MARA, Malaysia Twelve tips for developing an integrated curriculum". *Medical Teacher* 2011; 33: 99–104.
3. David G. Brauer & Kristi J. Ferguson 1, Washington University School of Medicine, USA, University of Iowa, USA; The integrated curriculum in medical education: AMEE Guide No. 96.
4. Integration of basic and clinical sciences - AMEE 2008 Paul Bradley and Karen Mattick, Peninsula College of Medicine and Dentistry, UK, <https://amee.org/getattachment/Conferences/AMEE-Past-Conferences/AMEE-Conference-2008/Introduction-to-Medical-Education-Bradley-Mattick.pdf>.

Additional reading

1. Gustavo A. Quintero, John Vergel, Martha Arredondo, Maria-Cristina Ariza, Paula Gomez & Ana-Maria Pinzon-Barrios, Integrated Medical Curriculum: Advantages and Disadvantages. *Journal of Medical Education and Curriculum Development* 2016; J Med Educ Curric Dev 3:S18920 (online).

Appendix 1

Examples of aligned and integrated topics (indicative)

Anemia
Jaundice
Diabetes
Thyroid Diseases
Nutrition
Febrile Illness
Tuberculosis
Malaria
Diarrhoea
Ischemic Heart Disease
Polycystic Ovarian Syndrome

Appendix 2

Understanding the competencies table

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
|---|---|-------------|--------------|-------------|--|--|---|---|---|--|
| No. | Competencies | Domain | K/KH/SH/P | Core | Suggested Teaching Learning method | Suggested Assessment method | No req to certify P | Vertical Integration | Horizontal Integration | |
| Physiology | | | | | | | | | | |
| Summary | | | | | | | | | | |
| Name of Topic: General Physiology | | | | | | | | | | |
| Number of competencies: (08) | | | | | | | | | | |
| Number of procedures that require certification: Nil | | | | | | | | | | |
| PY1.1 ↑ GW20-4 | Describe the structure and functions of a mammalian cell. Elicit 5000-6000 and present a medical history that helps delineate the aetiology of these diseases that includes the evolution and pattern of symptoms, risk factors, exposure through occupation and travel | K ↑ S | KH ↑ S | Y ↑ - | Lectures, Small group discussion ↑ bed side clinic, DCAP Identifies the suggested learning method. DQAP - Demonstrate (by student) Observe Assess Perform | Written/viva ↑ Skill assessment Identifies the suggested assessment method - Clinics, Skills lab, Practical etc | no of times a skill needs to be done independently to be certified for independent performance. Rarely used in UC | Community Medicine ↑ Subject(s) in other phases with which the competency can be vertically integrated to increase relevance or improve basic understanding | Biochemistry ↑ Subject(s) in the same phase with which the competency can be horizontally integrated or aligned to allow a more wholesome understanding | |
| <p>Unique number of the competency. First two alphabets represent the subject (see list). Number following alphabet reflects topic. Number following period is a running number.</p> <p>Description of competency</p> <p>Identifies the domain or domains addressed: K- Knowledge S- Skill A- Attitude C- Communication</p> <p>Identifies the level of competency required based on the Miller's pyramid: K- Knows KH- Knows How S- Skill SH- Show How P- Perform independently</p> | | | | | | | | | | |

Appendix 3

How to choose competencies from different subjects in various phases for a given topic

(illustrative example)

Competencies for the topic anemia from various phases from the competency booklet volumes 1-3

| Year | No. | Competencies* | No. | Competencies* |
|----------|------------|---|--------------------|--|
| 1 | | Physiology | | Biochemistry |
| | PY2 .1 | Describe the composition and functions of blood components | | |
| | PY2 .2 | Discuss the origin, forms, variations and functions of plasma proteins | BI 5. 2 | Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected hemoglobinopathies |
| | PY2 .3 | Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin | BI 6. 11 | Describe the functions of haem in the body and describe the processes involved in its metabolism and describe porphyrin metabolism. |
| | PY2 .4 | Describe RBC formation (erythropoiesis & its regulation) and its functions | BI 6. 12 | Describe the major types of haemoglobin and its derivatives found in the body and their physiological/ pathological relevance. |
| | | | | No |
| 2 | | Pathology | | Pharmacology |
| | PA1 3.1 | Describe hematopoiesis and extramedullary hematopoiesis | P H 1. 35 | Describe drugs used in hematological disorders and discuss mechanism/s of action, types, doses, side effects, indications and contraindications, like 1. Drugs used in anemias 2. Colony Stimulating factors |
| | | | | Microbiology |
| | | | | M 1 2 . 4 |
| | | | | List the common microbial agents causing anemia. Describe the morphology, mode of infection and discuss the pathogenesis, clinical course, diagnosis and prevention and treatment of the common microbial agents causing Anemia. |

| | | | | |
|----------|------------|---|----------------|---|
| | PA1 3.2 | Describe the role of anticoagulants in hematology | | |
| | PA1 3.3 | Define and classify anemia | | |
| | PA1 3.4 | Enumerate and describe the investigation of anemia | | |
| 3 | | Medicine | | Pediatrics |
| | IM9. 1 | define describe and classify anemia based on red blood cell size and reticulocyte count | PE 13 .1 | Discuss the RDA, dietary sources of Iron and their role in health and disease |
| | IM9. 2 | describe and discuss the morphological characteristics aetiology and prevalence of each of the causes of anemia | PE 13 .2 | Describe the causes, diagnosis and management of Fe deficiency |
| | IM9. 4 | describe and discuss the genetic basis of some forms of anemia | PE 13 .3 | Identify the clinical features of dietary deficiency of Iron and make a diagnosis |
| | IM9. 5 | elicit document and present a medical history that includes symptoms, risk factors including GI bleeding, prior history, medications, menstrual history, and family history | PE 13 .4 | Interpret hemogram and Iron Panel |

* List of competencies only representative, not complete.

Appendix 4

Sample time table with AIT

| Time | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 | DAY 8 |
|-------------|--|--|--|---|--|---|--|---|
| 8-9 am | Blood and its components by a Hematologist Linker-Case 1 PY 2.1 Describe the composition and functions of blood and its components | | Linker Part A of case 1 addresses PY 2.1 PY 2.2 PY 2.9 small group discussion + formative assessment | | | | | Written Assessment 1 PY 2.5 PA 13.3 |
| 9-10 am | Blood groups , Principles of Blood transfusion and banking PY 2.9 Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion | Blood groups , Principles of Blood transfusion and banking PY 2.9 Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion | Erythropoiesis - Linker part B PY 2.5 Describe RBC formation (erythropoiesis & its regulation) and its functions PA 13.1 Describe hematopoiesis and extra medullary Hematopoiesis | Role of Iron and Vit A B12 in Erythropoiesis PA 14.1 Describe Iron metabolism PA 15.1 Describe the metabolism of Vitamin B12 and the etiology and pathogenesis of B12 deficiency | Haem synthesis and metab PY2.3 Describe & discuss synthesis & functions of Hb & explain its breakdown. Describe Hb variants BI 6.11 Describe the functions of haem in body and describe the processes involved in its metabolism and derangements associated. Porphyrins | Types of hemoglobin and their clinical significance BI 6.12 Describe the major types of Hb and its derivatives found in body and their physiological/ pathological relevance. | Physiology of Hemotysts and Anemia PA 13.3 Define and classify anemia PY 2.5 Describe different types of anemia & Jaundice | Linker Part B of case 1 addresses PY 2.5 , BI 6.12 ,PY 2.9 , PA 13.3 small group discussion + Formative assessment 1 |
| 10 - 11 am | PY 2.9 Group A) Visit to the blood bank Group B) PY 2.11 Blood Grouping cross matching BDAF session | PY 2.9 Group B) Visit to the blood bank Group A) PY 2.11 Blood Grouping cross matching | Peripheral smear examination Group A PY 2.1 Describe the composition and functions of blood and its components Q&A) Identify RBC , WBC and platelet in normal peripheral smear B) Discuss their functions Group B Visit to Hematology lab / Or ALC animation | Physiology practical Group A PY 2.11 Estimate RBC count and interpret normal Group B PY2.11 Estimate Hb, RBC indices and interpret PA 13.4 Enumerate and describe the normal blood parameters | Physiology practical Group B PY 2.11 Estimate RBC count and interpret normal Group A PY2.11 Estimate Hb, RBC indices and interpret PA 13.4 Enumerate and describe the normal blood parameters | Physiology practicals Group A PY 2.12 Demonstrate the tests for ESR, Hematocrit. Note the findings and interpret the results Group B PY 2.12 Demonstrate Osmotic fragility test . Note the findings and interpret the results | Physiology practical Group B PY 2.12 Demonstrate the tests for ESR, Hematocrit. Note the findings and interpret the results Group A PY 2.12 Demonstrate Osmotic fragility test Note the findings and interpret the results | Skills assessment 1 PY 2.9 , PY 2.11, PY 2.1, PA 13.4 ,PY 2.12 |
| 11-12.00 | | | | | | | | |
| 1-2 pm | Plasma Proteins PY 2.2 Discuss the origin, forms, variations and functions of plasma proteins | Blood groups , Principles of Blood transfusion and banking PY 2.1 ,2.2 PY 2.9 Formative Assessment Reflective exercise | | | | | | Feedback |
| 2-3 pm | Non Aligned sessions in Anatomy | | | | | Radiological ANATOMY | Osteology | Remedial |
| 3-4 pm | | | | | | Surgical Anatomy | Surface Anatomy | |
| Submissions | | | | | PY 2.5 PA 14.1 PA 15.1 Assignment- 1 on Erythropoiesis and factors regulating | PY 2.3 BI 6.11BI 6.12 Assignment 2 on Haem synthesis and metabolism | | |

P.E.S. INSTITUTE OF MEDICAL SCIENCES & RESEARCH
KUPPAM – 517 425, CHITTOOR DIST, ANDHRA PRADESH.

Ref: PESIMSR/ESTAB / 88/2024-25

Date : 28.02.2024

ORDER

(PHASE-I - DISTRICT RESIDENCY PROGRAMME)

As per Communication from the District Coordinator of Hospital Services, Chittoor, Tirupathi and Annamayya Districts, the following students of II year Postgraduates are posted to phase-I District Residency Programme from 01.03.2024 to 31.05.2024.

Concerned Head of the departments of PESIMSR, Kuppam, are requested to relieve the following students and direct them to report to the District Residency Programme as per the orders issued by DCHSs of Concerned Districts.

| Sl No | Course | Name of Postgraduate | Posted @ | Remarks |
|-------|---------------------|---------------------------|--------------------------------|---------|
| 1 | MD-GENERAL MEDICINE | KOTTHINTI ANIL KUMAR | AH, Piler, Dist-Annamayya | |
| 2 | MD-GENERAL MEDICINE | MIDDE DEEP TEJESH | CHC, Panyam, Dist-Kurnool. | |
| 3 | MD-GENERAL MEDICINE | NUKALA S PRASAD | CHC, Kamalapuram, Dist-Kodapa. | |
| 4 | MD-GENERAL MEDICINE | SHODHAN PATEL | AH, Kuppam | |
| 5 | MD-DVL | G KISHORE KUMAR | AH, Kuppam | |
| 6 | MD-PSYCHIATRY | P SINDHURA | AH, Srikalahasthi | |
| 7 | MD-PAEDIATRICS | SANDHYA K | CHC, Puttur | |
| 8 | MD-PAEDIATRICS | SHARMILA L | AH, Kuppam | |
| 9 | MS- GENERAL SURGERY | KOMERLA PRADEEP KUMAR | AH, Kuppam | |
| 10 | MS-GENERAL SURGERY | THATCHANAMOORTHY P R | AH, Kuppam | |
| 11 | MS-GENERAL SURGERY | PULA VINEETHA | AH, Giddalur, Dist-Prakasam | |
| 12 | MS-ORTHOPEDICS | VEERAPOGU RAINY PHILONA | CHC, Yemmiganur, Dist- Kurnool | |
| 13 | MS-ORTHOPEDICS | BEKKEM MANI DINAKAR REDDY | AH, Kuppam | |
| 14 | MS-ORTHOPEDICS | ARUMALLA KARTEEK | DH, Tenali, Dist- Guntur | |
| 15 | MS-OPHTHALMOLOGY | MAKKENA MANI SHANKAR | DH, Narasaraopet | |
| 16 | MS-ENT | MANEESH P | AH, Kuppam | |
| 17 | MS-OBG | SWETHA MEKALA | AH, Gudur | |
| 18 | MS-OBG | R JASWITHA | AH, Kuppam | |
| 19 | MS-OBG | PRARTHANA B | AH, Kuppam | |
| 20 | MD-ANAESTHESIOLOGY | MADANA MADHURI | AH, Kuppam | |

Contd.,2

| Sl No | Course | Name of Postgraduate | Posted @ | Remarks |
|-------|--------------------------|------------------------|------------|---------|
| 21 | MD-ANAESTHESIOLOGY | PACHURU KISHORE | AH, Kuppam | |
| 22 | MD-ANAESTHESIOLOGY | LEBAKU SWARUPARANI | AH, Gudur | |
| 23 | MD-RADIOLOGY | BATHULA SOUJANYA YADAV | AH, Kuppam | |
| 24 | MD-RADIOLOGY | JAYASREE S | AH, Kuppam | |
| 25 | MD-EMERGENCY MEDICINE | BALA MURUGAN S | AH, Kuppam | |
| 26 | MD-PATHOLOGY | HARISH VENKATESH | AH, Kuppam | |
| 27 | MD-PATHOLOGY | TIRUMALASETTY PAVITHRA | AH, Kuppam | |

Note : Students who opted for the home town postings should report as per the DCHS of the concern Districts.



DEAN & PRINCIPAL

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F&S Institute of Medical Science & Research
Kuppam-517425, Chittoor Dist. A.P.

CC to:MD/AMD/Medical Superintendent/Vice Principal/Concern HoDs/Concern Students Whatsapp Groups /Nodal Officer- DRP , PESIMSR/ PF Coordinator / Accouts Section / HRD/O/c

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KUPPAM - 517 425, CHITTOOR DIST, ANDHRA PRADESH.

Ref : PESIMSR/ESTAB/83/2023-24

06.12.2023

ORDER

(PHASE-IV - DISTRICT RESIDENCY PROGRAMME)

As per Communication from Dr.Sunitha.S., co-ordinate-DRP & Prof & HoD of SPM, SV Medical College, Tirupati, the following students of Postgraduates (2021-22 batch) are posted to phase-IV District Residency Programme w.e.f. 06.12.2023.

Concerned Head of the departments of PESIMSR, Kuppam, are requested to relieve the following students and direct them to report to the District Residency Programme as per the orders issued by DCHSs of Concerned Districts.

| Sl No | Name of the Dept | Name of Postgraduate | Posted @ | Remarks |
|-------|-----------------------|-------------------------------|-------------------|---------|
| 1 | MD - General Medicine | Dr. CHUPPALA BHARATH | CHC, Midthur | |
| 2 | MD - General Medicine | Dr. DAIVALA SANJANA | A H,Pendurthi | |
| 3 | MD - General Medicine | Dr. PINJARI SHAIK SHAVALI | A H,Yemmiganur | |
| 4 | MD - General Medicine | Dr. M VIJAY KUMAR REDDY | A H,Allagadda | |
| 5 | MD - Paediatrics | Dr. MARADANA PRIYANKA | A H,Parvathipuram | |
| 6 | MS - Orthopaedics | Dr. BADHRI NARAYANA BOLISETTY | AH, Narasannapeta | |
| 7 | MS - Orthopaedics | Dr. KUNA HEMANTH | AH, Narasannapeta | |
| 8 | MD/MS - OBG | Dr. SARMA ARSHIYA PARVEEN | AH, Kadiri | |
| 9 | MD/MS - OBG | Dr. NARREDDY ANUSHA | AH, Tadipathri | |
| 10 | MD - Anaesthesiology | Dr. MD. AYESHA SHABREEN | AH, Dharmavaram | |
| 11 | MD - Anaesthesiology | Dr. NAKKALA KAVYA SREE | CHC, Panyam | |
| 12 | MD - Pathology | Dr. KAVITHA REDDY GADE | AH, Sattenapalli | |
| 13 | MD - Pathology | Dr. VADDAVALLI VIDHYA DHARI | AH, Chirala | |

The concern HoDs are hereby requested to kindly permit them for the same.


DEAN & PRINCIPAL

DEAN & PRINCIPAL
PES Institute of Medical Science & Research
Kuppam-517425, Chittoor Dist, A.P.

Cc to

MD/AMD

Medical Superintendent

Concern HoDs

Nodal Officer - DRP, PESIMSR, Kuppam

Concern Students Whatsapp Groups

O/c

| DISTRICT RESIDENCY PROGRAMME PHASE-4 (06-12-2023 TO 06-03-2023) | | | POST GRADUATES OPTED FOR HOME TOWN | |
|---|---------------------|----------------------------------|------------------------------------|---|
| S. NO. | NAME OF THE COLLEGE | NAME OF THE POST GRADUATE | NAME OF THE DEPARTMENT | HOME TOWN |
| 1 | PESIMSR, KUPPAM | Dr:KUNA HEMANTH | ORTHOPAEDICS ✓ | AREA HOSPITAL, NARASANNAPETA, SRIKAKULAM ✓ |
| 2 | PESIMSR, KUPPAM | Dr:BADHRI NARAYANA BOLISETTY | ORTHOPAEDICS ✓ | AREA HOSPITAL, NARASARAOPETA, GUNTUR ✓ |
| 3 | PESIMSR, KUPPAM | Dr: SARMA ARSHIYA PARVEEN | OBSTETRICS AND GYNAECOLOGY ✓ | AREA HOSPITAL, KADIRI, SRI SATYA SAJ ✓ |
| 4 | PESIMSR, KUPPAM | Dr: MARAMREDDY VIJAY KUMAR REDDY | GENERAL MEDICINE ✓ | CHC, ALLAGADDA, KURNOOL ✓ |
| 5 | PESIMSR, KUPPAM | Dr:C.BHARATH | GENERAL MEDICINE ✓ | CHC,MIDTHUR, KURNOOL ✓ |
| 6 | PESIMSR, KUPPAM | Dr:PINJARI SHAIK SHAVALI | GENERAL MEDICINE ✓ | AREA HOSPITAL, YEMMIGANUR, KURNOOL DISTRICT ✓ |
| 7 | PESIMSR, KUPPAM | Dr: MARADANA PRIYANKA | PEDIATRICS ✓ | AREA HOSPITAL, PARVATHIPURAM, PARVATHIPURAM MANYAM DIST ✓ |
| 8 | PESIMSR, KUPPAM | Dr:VADDAVALLI VIDHYA DHARI | PATHOLOGY ✓ | AREA HOSPITAL, CHIRALA, BARAJA DISTRICT ✓ |
| 9 | PESIMSR, KUPPAM | Dr:KAVITHA REDDY GADE | PATHOLOGY ✓ | AREA HOSPITAL, SATTENAPALLI, PALNADU DISTRICT ✓ |
| 10 | PESIMSR, KUPPAM | DR MOHAMMAD AYESHA SHABREEN | ANAESTHESIA ✓ | AREA HOSPITAL DHARMAVARAM, ANANTAPUR DIST ✓ |
| 11 | PESIMSR, KUPPAM | Dr:NARREDDY ANUSHA | OBSTETRICS AND GYNAECOLOGY ✓ | AREA HOSPITAL, TADIPATRI, ANANTAPUR ✓ |
| 12 | PESIMSR, KUPPAM | DR DAIVALA SANJANA | MD GENERAL MEDICINE ✓ | AREA HOSPITAL PENDURTHI,VISAKHAPATNAM DISTRICT ✓ |
| 13 | PESIMSR, KUPPAM | DR.KAVYA SREE | ANAESTHESIA ✓ | CHC,PANYAM,KURNOOL ✓ |


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KUPPAM - 517 425, CHITTOOR DIST, ANDHRA PRADESH.

Ref : PESIMSR/ESTAB/ /2023-24

05.12.2023

ORDER

(PHASE-IV - DISTRICT RESIDENCY PROGRAMME)

In continuation of letter dated 05.12.2023 from the District Coordinator of Hospital Services, Chittoor & Tirupathi Districts, the following students of Postgraduates (2021-22 batch) are posted to phase-IV District Residency Programme w.e.f. 06.12.2023.

Concerned Head of the departments of PESIMSR, Kuppam, are requested to relieve the following students and direct them to report to the District Residency Programme as per the orders issued by DCHSs of Concerned Districts.

| Sl No | Name of the Dept | Name of Postgraduate | Posted @ | Remarks |
|-------|-----------------------|----------------------------|-------------------|--------------------------------|
| 1 | MD - General Medicine | Dr.MULAGAPAKA VINUSHA | A H, Kuppam | |
| 2 | MD - General Medicine | Dr.THAMMANNAGARI DINESH | A H, Srikalahasti | Allotted to CHC, Naravaripalli |
| 3 | MD - Psychiatry | Dr.C LEKHASREE | A H, Kuppam | |
| 4 | MD - Psychiatry | Dr.MITIKIRI YASHODA | A H, Kuppam | |
| 5 | MD - Paediatrics | Dr.SIDDAGUNTA PUJITHA | A H, Srikalahasti | Allotted to CHC, Pullur |
| 6 | MD - Paediatrics | Dr.MANNEM AMANI | A H, Srikalahasti | |
| 7 | MS - General Surgery | Dr.N MONICA | A H, Kuppam | |
| 8 | MS - General Surgery | Dr.B KRISHNA MITHRA | A H, Kuppam | |
| 9 | MD/MS - Ophthalmology | Dr.ERLA MANASA | A H, Kuppam | |
| 10 | MD/MS - OBG | Dr.C NIKHITHA | A H, Kuppam | |
| 11 | MD/MS - OBG | Dr.PUNUGUNTA KEERTHY PRIYA | A H, Palamaner | Allotted to CHC, V.Kota |
| 12 | MD - Anaesthesiology | Dr.UGRAM SRAVANI | A H, Kuppam | |
| 13 | MD - Anaesthesiology | Dr.VATURI SATISH KUMAR | A H, Kuppam | |
| 14 | MD - Radio Diagnosis | Dr.DARBAR SAI KIRAN | A H, Kuppam | |
| 15 | MD - Emer Medicine | Dr.BOTCHU SRIKAR YADAV | A H, Kuppam | |
| 16 | MD - Pathology | Dr.CHINTHAKAYALA HARITHA | A H, Kuppam | |
| 17 | MD - SPM | Dr.S SRIKANTH | A H, Kuppam | |

The concern HoDs are hereby requested to kindly permit them for the same.


DEAN & PRINCIPAL
PES Institute of Medical Science & Research
Kuppam-517-425, Chittoor D.L.A.P.

Cc to
MD/AMD
Medical Superintendent
Concern HoDs
Nodal Officer - DRP, PESIMSR, Kuppam
Concern Students Whatsapp Groups
O/c

P.E.S. INSTITUTE OF MEDICAL SCIENCES & RESEARCH

KUPPAM - 517 425, CHITTOOR DIST, ANDHRA PRADESH.

Ref: PESIMSR/ESTAB / 2023-24

Date : 05.09.2023

ORDER

(PHASE-III - DISTRICT RESIDENCY PROGRAMME)

In continuation of letter dated 03.09.2023 from the District Coordinator of Hospital Services, Chittoor, Tirupathi and Annamayya Districts, the following students of II year Postgraduates are posted to phase-III District Residency Programme from 06.09.2023 to 05.12.2023.

Concerned Head of the departments of PESIMSR, Kuppam, are requested to relieve the following students and direct them to report to the District Residency Programme as per the orders issued by DCHSs of Concerned Districts.

| Sl No | Name of the Dept | Name of Postgraduate | Posted @ | Remarks |
|-------|-----------------------|-----------------------------------|---------------------|---------|
| 1 | MD - General Medicine | Dr.MARTHA KRISHNA SAHI REDDY | Indukurpet, Nellore | |
| 2 | MD - General Medicine | Dr.KUNDAVARAM SHIKARA REDDY | AH, Kuppam | |
| 3 | MD - General Medicine | Dr.GUNURU SRINIVAS | CHC, V.Kota | |
| 4 | MD - General Medicine | Dr.KALAGADDA SUNNY SANJAY | CHC, V.Kota | |
| 5 | MD - Psychiatry | Dr.SUPRIYA GANGADEVI | Guntakal | |
| 6 | MD - Psychiatry | Dr.S JAYA SREE | AH, Kuppam | |
| 7 | MD - Paediatrics | Dr.HUSSAINZAIMALIK AAMIR ALI KHAN | AH, Kuppam | |
| 8 | MD - Paediatrics | Dr.KANTIPULI HEMSAI | AH, Palamaner | |
| 9 | MS - General Surgery | Dr.DASARI KAVYA | AH, Kuppam | |
| 10 | MS - General Surgery | Dr.MD.REHAN FARAZ | Orvakal, Kurnool | |
| 11 | MS - General Surgery | Dr.G VENKATA DAKSHINYA | AH, Madanapalli | |
| 12 | MS - General Surgery | Dr.PUDOTA MITHUN CHAKRAVERTHY | AH, Kuppam | |
| 13 | MS - Orthopaedics | Dr.DUDEKULA SALEEM | AH, Kuppam | |
| 14 | MS - Orthopaedics | Dr.SANTOSH KIRAN | AH, Kuppam | |
| 15 | MS - Ophthalmology | Dr.VEMAVARAM JOYCEE SUMALATHA | AH, Kuppam | |
| 16 | MS - ENT | Dr. VISWANADHAPALLI VENKATA PASI | AH, Kuppam | |
| 17 | MS - ENT | Dr. SENTHIL RAJA S | AH, Kuppam | |
| 18 | MS - OBG | Dr. JAYA KUMARI SINHA | CHC, V.Kota | |
| 19 | MS - OBG | Dr. SATARLA APARNA | AH, Kuppam | |
| 20 | MS - OBG | Dr. KULURU MOUNIKA | Siddavatam, Kadapa | |

| Sl No | Name of the Dept | Name of Postgraduate | Posted @ | Remarks |
|-------|-------------------------|------------------------|-------------|---------|
| 21 | MS - OBG | Dr. THATUKURU CHANDINI | AH, Kuppam | |
| 22 | MD - Anaesthesiology | Dr. K M NITHISH | AH, Kuppam | |
| 23 | MD - Anaesthesiology | Dr. JEETHURI SOWJANYA | AH, Kuppam | |
| 24 | MD - Anaesthesiology | Dr. BADAVATH SINDHUJA | AH, Kuppam | |
| 25 | MD - Anaesthesiology | Dr.KAVYA MITTA | CHC, V.Kola | |
| 26 | MD-Radiodiagnosis | Dr.HARISH KUMAR | AH, Kuppam | |
| 27 | MD-Radiodiagnosis | Dr. GOWTHAM RAJ | AH, Kuppam | |
| 28 | MD - Emergency Medicine | Dr.GOPICHAND | AH, Kuppam | |
| 29 | MD - Pathology | Dr.G. RAMYA KUMARI | AH, Kuppam | |
| 30 | MD - Pathology | Dr.Y.GURUSEKHAR | Dharmavaram | |


DEAN & PRINCIPAL

DEAN & PRINCIPAL
PES Institute of Medical Science & Research
H.O. Dr. G. N. Srinivasan P.

- CC to:MD/AMD/Medical Superintendent/Vice Principal/Concerned Heads/College In-charge
Whatsapp Groups /Nodal Officer- DRP , PESIMSR/ O/c

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KUPPAM - 517 425, CHITTOOR DIST, ANDHRA PRADESH.

Ref: PESIMSR/ESTAB/203/2023-24

Date : 05.06.2023

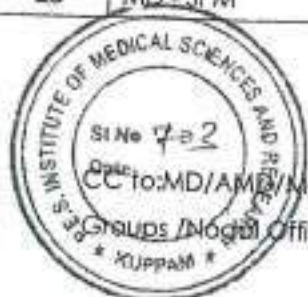
ORDER

(PHASE-II - DISTRICT RESIDENCY PROGRAMME)

In continuation of letter dated 02.06.2023 from the District Coordinator of Hospital Services, Chittoor, Tirupathi and Annamayya Districts, the following students of II year Postgraduates are posted to phase-II District Residency Programme w.e.f. 06.06.2023.

Concerned Head of the departments of PESIMSR, Kuppam, are requested to relieve the following students and direct them to report to the District Residency Programme as per the orders issued by DCHSs of Concerned Districts.

| Sl No | Name of the Dept | Name of Postgraduate | Posted @ | Remarks |
|-------|-----------------------|---------------------------------|------------------|---------------------------|
| 1 | MD - General Medicine | KANDULA YENKATA SAI RAGHAVENDRA | CHC, V.Kota | <i>Yenkata Sai</i> |
| 2 | MD - General Medicine | V SAI NIKHILESHWAR | CHC, V.Kota | <i>V Sai Nikhileshwar</i> |
| 3 | MD - General Medicine | ANNAPPAREDDY BHUVAN CHANDRA | AH, Kuppam | <i>Bhuvan</i> |
| 4 | MD - DVL | PRIYANKA K C | AH, Kuppam | <i>KC Priyanka</i> |
| 5 | MD - DVL | BALLA PREETHI | AH, Nagari | <i>Preethi</i> |
| 6 | MD - Paediatrics | PULI SUDEEPTI | AH, Kuppam | <i>Sudeepti Puli</i> |
| 7 | MD - Paediatrics | TEERUPATI.PRASUNA YADAV | CHC, V.Kota | <i>Prasuna</i> |
| 8 | MS - General Surgery | N R REDDY HEMANTH | AH, Srikalahasti | <i>Hemant</i> |
| 9 | MS - General Surgery | GONA BHAGYA LALITHA | AH, Kuppam | <i>Bhagya Lalitha</i> |
| 10 | MS - General Surgery | B PRANATHI | AH, Srikalahasti | <i>Pranathi</i> |
| 11 | MS - General Surgery | G SREEMEENU | AH, Nagari | <i>G. Sreemeenu</i> |
| 12 | MS - Orthopaedics | S MD SALAUDDIN | AH, Kuppam | <i>S. Salauddin</i> |
| 13 | MS - Orthopaedics | PAPAKUNNA POOJITHA | AH, Srikalahasti | <i>Poojitha</i> |
| 14 | MS - Orthopaedics | J M VYSHNAVI | AH, Piler | <i>J. Vyshnavi</i> |
| 15 | MD/MS - Ophthalmology | GAJJALA MANASA REDDY | AH, Kuppam | <i>Manasa</i> |
| 16 | MS - ENT | POLU POOJITHA | AH, Kuppam | <i>P. Poojitha</i> |
| 17 | MS - ENT | CLINTON ROY | AH, Kuppam | <i>Clinton Roy</i> |
| 18 | MD/MS - OBG | PASUMARTHI MOUNICA | AH, Eluru | <i>P. Mounica</i> |
| 19 | MD/MS - OBG | BAVIGADDA CHANDRIKA | AH, Guntakal | <i>B. Chandrika</i> |
| 20 | MD/MS - OBG | J VENNELA | AH, Tadipathi | <i>J. Vennela</i> |
| 21 | MD - Anaesthesiology | SADAM HARI PRIYA | AH, Srikalahasti | <i>Sadam Hari Priya</i> |
| 22 | MD - Pathology | B LAVANYA | DH, Madanapalli | <i>B. Lavanya</i> |
| 23 | MD - SPM | G USHARANI | AH, Kuppam | <i>G. Usha Rani</i> |



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PES Institute of Medical Science & Research
Kuppam - 517 425, Chittoor Dist & B

CC to: MD/AMBY Medical Superintendent/Vice Principal/Concern HoDs/Groups/Nocturnal Officer- DRP, PESIMSR/ O/c

P.E.S. INSTITUTE OF MEDICAL SCIENCES & RESEARCH

KUPPAM - 517 425, CHITTOOR DIST, ANDHRA PRADESH.

Ref: PESIMSR/ESTABL/ 454 / 2022-23

01.03.2023

CIRCULAR

As per telephonic communication from the Principal, S.V. Medical College, Tirupati, the following 3 year postgraduate students are hereby directed to attend a meeting at 10.00 am tomorrow i.e., on 02.03.2023 at SV Medical College, Tirupati for counseling and further postings for District Residency Programme (DRP).

| Sl No | Name of the Dept | Name of Postgraduate | Remarks |
|-------|-----------------------|----------------------------|------------|
| 1 | MD - General Medicine | J.T.V. KRISHNA RAVAN KUMAR | ✓ Kuppam |
| 2 | MD - General Medicine | 'DIMADAKALA SAJ PREETHI | ✓ - Kuppam |
| 3 | MD - Psychiatry | TAMILCHELVAN SHALINI | ✓ - Pala. |
| 4 | MD - DVL | G BHANU PRAKASH | X |
| 5 | MD - DVL | VARSHA S | X |
| 6 | MD - Paediatrics | SAJJA CHENCHU ROOPA DEVI | ✓ - Pala. |
| 7 | MS - General Surgery | A.POOJA | ✓ - Pala. |
| 8 | MS - General Surgery | ARJUNKARTHIK M V | ✓ - Kuppam |
| 9 | MS - Orthopaedics | SHESHACHALA S | ✓ - Pala. |
| 10 | MS - ENT | RAVIPATI HARIKA | ✓ - Pala. |
| 11 | MD - Anaesthesiology | VIGHNAJIT G L | ✓ - Pala. |
| 12 | MD - Radio Diagnosis | SHAIK SHAFREEN | X |
| 13 | MD - Radio Diagnosis | KODURU HIMA BINDU | X |

The concern HoDs are hereby requested to kindly permit them for the same.

Cc:

MD/AMD

Principal, SV Medical College, Tirupati

Medical Superintendent, PESIMSR

Concern HoDs of PESIMSR

Nodal Officer, DRP, PESIMSR

Concern Students WhatsApp Groups of PESIMSR

O/s

DEAN & PRINCIPAL

[Signature]

DEAN & PRINCIPAL
S.V. Medical College, Tirupati
Andhra Pradesh

**PES INSTITUTE OF MEDICAL SCIENCES AND RESEARCH
KUPPAM- 517425, CHITTOOR DIST, A.P**

MEDICAL EDUCATION UNIT

Ref: PESIMSR/MEU/12/2023

Dt 27 September 2023

Foundation Course for Fresh Entrants to First MBBS

For the academic year 2023 - 2024 (XXII BATCH)

Dates: from 04.10.2023 to 09.10.2023

Date: 04.10.2023 (Wednesday)

Venue: College Auditorium

| | |
|--------------------|---|
| 9.00 am to 9.45 am | Saraswathi Pooja (Venue: College Entrance) |
| 10.am to 12 noon | Inauguration (Venue: college Auditorium) |
| 12 noon to 1.00 pm | Parents & Students Meet With the Dean & Principal(Venue: college Auditorium) |

1 - 2 pm Lunch

| Time | PROGRAM / TOPIC | FACULTY |
|------------------|---------------------------------------|---|
| 2.30 - 3.30 pm | Anti Ragging Measures | Dr Sadashiv Gurudutt Pawar Prof & HOD Forensic Medicine & Chief Warden |
| 03:00 to 03:30pm | Goals & objectives of M.B.B.S. Course | Dr. Sujatha K Prof, Dept. of Anatomy |

Date: 05.10.2023 (Thursday) Venue: Lecture Hall-4 (College Ground floor)

| Time | PROGRAM / TOPIC | FACULTY |
|------------------------|--|---|
| 09:00 to 09:30 am | PHYSIOLOGY: How to study, Preparation for practical / Group distribution | Dr. S D Komala Prof & HOD, Dept. of Physiology. |
| 09:30 to 10:00 am | ANATOMY : How to study, Preparation for Practical/ Group distribution | Dr. Manivannan Associate Prof., Dept. of Anatomy. |
| 10:00 to 10:30 am | BIOCHEMISTRY: How to study, Preparation for Practical/ Group distribution | Dr. Praveen E Associate Prof Dept. of Biochemistry. |
| 10:30 to 11:00 am | Tea Break | |
| 11:00 am to 11:30 am | Use of Library & References | Mr Anand Naik Librarian |
| 11:30 am to 12:00 noon | Importance of Language | Dr YJ Visweshwara Reddy Emeritus Professor Medicine |
| 12.0 -1.00 pm | Effective Learning | Dr Praveen Kumar B A Prof Community Medicine |
| 1.00 - 2.00 pm | Lunch | |
| 2.00 -2:30 pm | Expected behavior of a Doctor | Dr L Krishna Emeritus Professor OBG |
| 2.30 - 3:00 pm | Roles and Responsibilities of Students | Dr Hari Prasath Assoc Prof Microbiology |
| 3.00pm onwards | Students Visit to PESIMSR Hospital | Dr. Narayan M Prof & HOD Ophthalmology & Dr Sridhar Annaji Asst Medical Superintendent Dr Mohana Rupa Prof of Pharmacology & AMS |

**PES INSTITUTE OF MEDICAL SCIENCES AND RESEARCH
KUPPAM- 517425, CHITTOOR DIST, A.P**

MEDICAL EDUCATION UNIT

Date: 06.10.2023 (Friday) Venue: Lecture Hall-4 (College Ground floor)

| Time | PROGRAM / TOPIC | FACULTY |
|----------------------|--------------------------|---|
| 09:00 am to 10:00 am | Anatomy | Dr Sujatha K |
| 10:00 am to 11:00 am | Physiology | Dr Komala S D |
| 2:30 pm to 4:00 pm | Student - Group Activity | Dr Nagesh Raju G Prof & HOD Pharmacology |

Date: 07.10.2023 (Saturday) Venue: Lecture Hall-4 (College Ground floor)

| Time | PROGRAM / TOPIC | FACULTY |
|----------------------|-----------------|--------------|
| 09:00 am to 10:00 am | Biochemistry | Dr Praveen E |
| 10:00 am to 11:00 am | Anatomy | Dr Sujatha K |

Date: 09.10.2023 (Monday) Venue: Lecture Hall-4 (College Ground floor)

| Time | PROGRAM / TOPIC | FACULTY |
|----------------------|--------------------------|---|
| 09:00 am to 10:00 am | Physiology | Dr Caroline Priyadarshini |
| 10:00 am to 11:00 am | Biochemistry | Dr Praveen E |
| 2:30 pm to 4:00 pm | Student - Group Activity | Dr Nagesh Raju G Prof & HOD Pharmacology |


Coordinator
Medical Education Unit
PESIMSR, Kuppam - 517 425


DEAN & PRINCIPAL
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Kuppam - 517 425, Chittoor Dist. A.P.

**1st year MBBS students (Batch 2023-24) Foundation course - Medical Education Unit, PESIMSR [Time: 04:00 PM - 05:00 PM] Venue
Lecture Hall 4, College Building**

| Sl No. | Date(Day) | Topic | Faculty |
|--------|---------------------------|--|---|
| 1 | 10.10.2023 (Tuesday) | Introduction to CBME, Learning Strategies | Dr Ramaswamy A S, Professor & HOD, Pathology |
| 2 | 11.10.2023 (Wednesday) | Principles of Family practice | Dr Raghavendra, Consultant Family Physican |
| 3 | 12.10.2023 (Thursday) | Reducing risk of distractions from Internet, Gaming, and Substance Addiction | Dr Sreelatha P, Prof., Psychiatry |
| 4 | 13.10.2023 (Friday) | Stress Management | Dr Mukesh Asst Prof, of Psychiatry |
| 5 | 16.10.2023 (Monday) | Alternate medicine | Dr VaishaliR N S R, Community Medicine |
| 6 | 17.10.2023 (Tuesday) | Medical Negligence, Violence against doctors, Consequences of unethical and unprofessional behavior and Professional Confidentiality and Responsibility | Dr PawarGuruduttSadashiv, Prof. & HOD Forensic Medicine |
| 7 | 18.10.2023 (Wednesday) | What it is to be a doctor and Physician's Role in the society | Dr Harish Chandra Professor, Paediatrics |
| 8 | 19.10.2023 (Thursday) | Basic Life Support & First Aid | Dr IrshadAhmed Asst. Prof., Emergency Medicine |
| 9 | 20.10.2023 (Friday) | Vaccines for Health professionals & Steps of Handwashing, COVID Precautions, Biomedical Waste Management | Dr C Nagaraj, Emeritus Professor, Microbiology |
| 10 | 25.10.2023 (Wednesday) | Time Management | Dr NageshRaju G Prof & HOD, of Pharmacology |
| 11 | 26.10.2023 (Thursday) | Medical Ethics& Professionalism | Dr Suresh Krishnamurthy, Medical Director, PESIMSR |
| 12 | 27.10.2023 (Friday) | National Health Priorities, Health Care systems in India | Dr ChitraNagaraj, Prof & HOD SPM |
| 13 | 30.10.2023 (Monday) | Gender Sensitivity, Anti-sexual harassment committee | Dr VSSR Ryali, Vice Principal and Prof & HOD Psychiatry |
| 14 | 31.10.2023 (Tuesday) | Practicalities in the campus | Dr Meghana and Dr YashPrajapati Interns – 33 rd Batch |

| Sl. No. | Date (Day) | Topic | Faculty |
|---------|---------------------------|---|---|
| 15 | 01.11.2023 (Wednesday) | Career Opportunities in Medical Field | Dr Anjugam S, Senior Resident, Community Medicine |
| 16 | 02.11.2023 (Thursday) | Breaking Bad News, Communication Skills in Medical Profession | Dr VSSR Ryali, Vice Principal and Prof & HOD, Psychiatry |
| 17 | 03.11.2023 (Friday) | Exposure to Research and Informed Consent | Dr Praveen Kumar B A, Professor of Community Medicine |
| 18 | 06.11.2023 (Monday) | Importance of Documentation | Dr John Dharan Asst Professor, Paediatrics |
| 19 | 07.11.2023 (Tuesday) | Life Skills - 1 | Dr Sreelatha P, Prof., Psychiatry |
| 20 | 08.11.2023 (Wednesday) | Life Skills – 2 | Dr Sreelatha P, Prof., Psychiatry |
| 21 | 09.11.2023 (Thursday) | Exam Preparation | Dr NageshRaju Prof & HOD, of Pharmacology |
| 22 | 10.11.2023 (Friday) | Yoga and Health and Activity | Ms Joshnavi 3 rd year MBBS student. |


 Coordinator
 Medical Education Unit
 PESIMSR, Kuppam - 517 425


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 Vice Principal Academics
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**PES INSTITUTE OF MEDICAL SCIENCES AND RESEARCH
KUPPAM- 517425, CHITTOOR DIST, A.P**

MEDICAL EDUCATION UNIT

Ref: PESIMSR/MEU/08/2022

Dt 14 December 2022

Foundation Course for Fresh Entrants to First MBBS

For the academic year 2022 - 2023 (XXI BATCH)

Dates: from 19.12.2022 to 20.12.2022

Date: 19.12.2022 (Monday)

Venue: College Auditorium

| | |
|--------------------|---|
| 9.30 am to 10 am | Saraswathi Pooja (Venue: College Entrance) |
| 10.am to 12 noon | Inauguration (Venue: college Auditorium) |
| 12 noon to 1.00 pm | Parents & Students Meet With the Dean & Principal(Venue: college Auditorium) |

1 - 2 pm Lunch

| Time | PROGRAM / TOPIC | FACULTY |
|-------------------|---------------------------------------|---|
| 2.30 - 3.30 pm | Anti Ragging Measures | Dr Sadashiv Gurudutt Pawar Prof & HOD Forensic Medicine & Chief Warden |
| 03:00 to 03: 30pm | Goals & objectives of M.B.B.S. Course | Dr. Lakshmikanth Prof, Dept. of Anatomy |

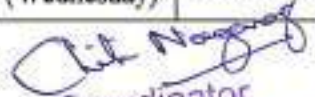
Date: 20.12.2022 (Tuesday) Venue: Lecture Hall-4 (College Ground floor)

| Time | PROGRAM / TOPIC | FACULTY |
|------------------------|--|---|
| 09:00 to 09:30 am | PHYSIOLOGY: How to study, Preparation for practical / Group distribution | Dr. S D Komala Prof & HOD, Dept. of Physiology. |
| 09:30 to 10:00 am | ANATOMY : How to study, Preparation for Practical/ Group distribution | Dr. K Sujatha Prof., Dept. of Anatomy. |
| 10:00 to 10:30 am | BIOCHEMISTRY: How to study, Preparation for Practical/ Group distribution | Dr. Vinod Wali Prof & HOD, Dept. of Biochemistry. |
| 10:30 to 11:00 am | Tea Break | |
| 11:00 am to 11:30 am | Use of Library & References | Mr Suresh Babu Librarian |
| 11:30 am to 12:00 noon | Importance of Language | Dr YJ Visweshwara Reddy Emeritus Professor Medicine |
| 12.0 -1.00 pm | Effective Learning | Dr Praveen Kumar B A Prof Community Medicine |
| 1.00 - 2.00 pm | Lunch | |
| 2.00 -2:30 pm | Expected behavior of a Doctor | Dr L Krishna Emeritus Professor OBG |
| 2.30 - 3:00 pm | Roles and Responsibilities of Students | Dr Shashi Bhushan Assoc Prof Anatomy & SWO |
| 3.00pm onwards | Students Visit to PESIMSR Hospital | Dr. Narayan M Prof & HOD Ophthalmology & Dr Sridhar Annaji Asst Medical Superintendent Dr Mohana Rupa Prof of Pharmacology & AMS |

**1st year MBBS students (Batch 2022-23) Foundation course - Medical Education Unit, PESIMSR [Time: 04:00 PM - 05:00 PM] Venue
Lecture Hall 4, College Building**

| Sl. No. | Date(Day) | Topic | Faculty |
|---------|---------------------------|---|--|
| 1 | 16.01.2023 (Monday) | Introduction to CBME, Learning Strategies | Dr Ramaswamy A S, Professor & HOD, Pathology |
| 2 | 17.01.2023 (Tuesday) | National Health Priorities, Health care systems in India, | Dr Chitra Nagaraj, Prof & HOD, SPM |
| 3 | 18.01.2023 (Wednesday) | What it is to be a doctor and Physician's Role in the society | Dr Nagendra Professor, Paediatrics |
| 4 | 19.01.2023 (Thursday) | Time Management | Dr Nagesh Raju Prof & HOD, of Pharmacology |
| 5 | 20.01.2023 (Friday) | Stress Management | Dr Nagesh Raju Prof & HOD, of Pharmacology |
| 6 | 23.01.2023 (Monday) | Medical Negligence, Violence against doctors, Consequences of unethical and unprofessional behavior and Professional Confidentiality and Responsibility | Dr PawarGuruduttSadashiv, Prof. & HOD Forensic Medicine |
| 7 | 24.01.2023 (Tuesday) | Principles of Family practice | Dr Raghavendra, Consultant Family Physican |
| 8 | 25.01.2023 (Wednesday) | Basic Life Support & First Aid | Dr Irshad Asst. Prof., Emergency Medicine |
| | 26.01.2023 (Thursday) | Republic Day HOLIDAY | |
| 9 | 27.01.2023 (Friday) | Vaccines for Health professionals &Steps of Handwashing, COVID Precautions, Biomedical Waste Management | Dr C Nagaraj, Emeritus Professor, Microbiology |
| 10 | 30.01.2023 (Monday) | Alternate medicine | Dr Mouna, Asst. Professor, Community Medicine |
| 11 | 31.01.2023 (Tuesday) | Medical Ethics& Professionalism | Dr Suresh Krishnamurthy, Medical Director, PESIMSR |
| 12 | 01.02.2023 (Wednesday) | Importance of Documentation | Dr Nagendra Professor, Paediatrics |
| 13 | 02.02.2023 (Thursday) | Gender Sensitivity, Anti-sexual harassment committee | Dr VSSR Ryali, Vice Principal and Prof & HOD Psychiatry |

| Sl. No. | Date(Day) | Topic | Faculty |
|---------|---------------------------|---|---|
| 14 | 03.02.2023 (Friday) | Practicalities in the campus | Dr Piyush M and Dr Aparna Interns – 31 st Batch |
| 15 | 04.02.2023 (Monday) | Career Opportunities in Medical Field | Dr Ooviya J, Senior Resident, Community Medicine |
| 16 | 05.02.2023 (Tuesday) | Breaking Bad News, Communication Skills in Medical Profession | Dr VSSR Ryali, Vice Principal and Prof & HOD, Psychiatry |
| 17 | 06.02.2023 (Wednesday) | Exposure to Research and Informed Consent | Dr Praveen Kumar B A, Professor of Community Medicine |
| 18 | 07.02.2023 (Thursday) | Reducing risk of distractions from Internet, Gaming, and Substance Addiction | Dr Sreelatha P, Prof., Psychiatry |
| 19 | 08.02.2023 (Friday) | Life Skills - 1 | Dr Sreelatha P, Prof., Psychiatry |
| 20 | 09.02.2023 (Monday) | Life Skills – 2 | Dr Sreelatha P, Prof., Psychiatry |
| 21 | 10.02.2023 (Tuesday) | Yoga and Health and Activity | Dr Lakshmikanth, Professor, Anatomy |
| 22 | 11.02.2023 (Wednesday) | Exam Preparation | Dr Nagesh Raju Prof & HOD, of Pharmacology |


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**PES INSTITUTE OF MEDICAL SCIENCES AND RESEARCH
KUPPAM- 517425, CHITTOOR DIST, A.P**

MEDICAL EDUCATION UNIT

Ref: PESIMSR/MEU/07/2022

Dt:14 April 2022

Foundation Course for Fresh Entrants to First MBBS

For the academic year 2021 - 2022 (XX BATCH)

Dates: from 18.04.2022 to 20.05.2022

Date: 18.04.2022 (Monday)

Venue: College Auditorium

| | |
|--------------------|---|
| 9.30 am to 10 am | Saraswathi Pooja (Venue: College Entrance) |
| 10.am to 12 noon | Inauguration (Venue: college Auditorium) |
| 12 noon to 1.00 pm | Parents & Students Meet With the Dean & Principal(Venue: college Auditorium) |

1 - 2 pm Lunch

| Time | PROGRAM / TOPIC | FACULTY |
|-------------------|---------------------------------------|---|
| 2.30 - 3.30 pm | Anti Ragging Measures | Dr Sadashiv Gurudutt Pawar Prof & HOD Forensic Medicine & Chief Warden |
| 03:00 to 03: 30pm | Goals & objectives of M.B.B.S. Course | Dr. Ramaiah Prof, Dept. of Anatomy |

Date: 19.04.2022 (Tuesday) Venue: Lecture Hall-4 (College Ground floor)

| Time | PROGRAM / TOPIC | FACULTY |
|------------------------|---|---|
| 09:00 to 09:30 am | PHYSIOLOGY: How to study, Preparation for practical / Group distribution | Dr. S Lincoln Deva Kumar Prof & HOD, Dept. of Physiology. |
| 09:30 to 10:00 am | ANATOMY : How to study, Preparation for Practical/ Group distribution | Dr. Ramaiah Prof., Dept. of Anatomy. |
| 10:00 to 10:30 am | BIOCHEMISTRY: How to study, Preparation for Practical/ Group distribution | Dr. Vinod Wali Prof & HOD, Dept. of Biochemistry. |
| 10:30 to 11:00 am | Tea Break | |
| 11:00 am to 11:30 am | Use of Library & References | Mr Suresh Babu Librarian |
| 11:30 am to 12:00 noon | Importance of Language | Dr YJ Visweshwara Reddy Emeritus Professor Medicine |
| 12.0 -1.00 pm | Effective Learning | Dr Praveen Kumar B A Prof Community Medicine |
| 1.00 - 2.00 pm | Lunch | |
| 2.00 -2:30 pm | Expected behavior of a Doctor | Dr L Krishna Emeritus Professor OBG |
| 2.30 - 3:00 pm | Roles and Responsibilities of Students | Dr Shashi Bhushan Assoc Prof Anatomy & SWO |
| 3.00pm onwards | Students Visit to PESIMSR Hospital | Dr, Narayan M Prof & HOD Ophthalmology Dr Sridhar Annaji Asst Medical Superintendent Dr Mohana Rupa Prof of Pharmacology & AMS |

**1st year MBBS students (Batch 2021-22) Foundation course - Medical Education Unit, PESIMSR [Time: 04:00 PM - 05:00 PM] Venue
Lecture Hall 4, College Building**

| Sl. No. | Date(Day) | Topic | Faculty |
|---------|---------------------------|---|--|
| 1 | 20.04.2022 (Wednesday) | Introduction to CBME, Learning Strategies | Dr.Ramaswamy A S, Professor & HOD, Pathology |
| 2 | 21.04.2022 (Thursday) | National Health Priorities, Health care systems in India, | Dr.ChitraNagaraj, Prof & HOD, SPM |
| 3 | 22.04.2022 (Friday) | What it is to be a doctor and Physician's Role in the society | Dr P J Harsha, AMS & Professor, Paediatrics |
| 4 | 25.04.2022 (Monday) | Medical Negligence, Violence against doctors, Consequences of unethical and unprofessional behavior and Professional Confidentiality and Responsibility | Dr.PawarGuruduttSadashiv, Prof. & HOD Forensic Medicine |
| 5 | 26.04.2022 (Tuesday) | Time Management | Dr.Nagesh Raju Prof of Pharmacology |
| 6 | 27.04.2022 (Wednesday) | Stress Management | Dr.Nagesh Raju Prof of Pharmacology |
| 7 | 28.04.2022 (Thursday) | Principles of Family practice | Dr.Raghavendra, Consultant Family Physican |
| 8 | 29.04.2022 (Friday) | Basic Life Support & First Aid | Dr Prakash Babu, Asst. Prof., Emergency Medicine |
| 9 | 02.05.2022 (Monday) | Vaccines for Health professionals &Steps of Handwashing, COVID Precautions, Biomedical Waste Management | Dr C Nagaraj, Emeritus Professor, Microbiology |
| | 03.05.2022 (Tuesday) | RAMZAN HOLIDAY | |
| 10 | 04.05.2022 (Wednesday) | Medical Ethics & Professionalism | Dr Suresh Krishnamurthy, Medical Director, PESIMSR |
| 11 | 05.05.2022 (Thursday) | Alternate medicine | Dr Mouna, Asst. Professor, Community Medicine |
| 12 | 06.05.2022 (Friday) | Importance of Documentation | Dr P J Harsha, AMS & Professor, Paediatrics |
| 13 | 09.05.2022 (Monday) | Gender Sensitivity, Anti-sexual harassment committee | Dr VSSR Ryali, Vice Principal and Prof & HOD Psychiatry |

| Sl. No. | Date(Day) | Topic | Faculty |
|---------|-------------------------|---|---|
| 14 | 10.05.2022 (Tuesday) | Practicalities in the campus | Dr Piyush M and Dr Aparna Interns – 31 st Batch |
| 15 | 11.05.22 (Wednesday) | Career Opportunities in Medical Field | Dr Priyadarisini N J, Assoc. Professor, Community Medicine |
| 16 | 12.05.22 (Thursday) | Breaking Bad News, Communication Skills in Medical Profession | Dr VSSR Ryali, Vice Principal and Prof & HOD, Psychiatry |
| 17 | 13.05.22 (Friday) | Exposure to Research and Informed Consent | Dr Praveen Kumar B A, Professor of Community Medicine |
| 18 | 16.05.2022 (Monday) | Reducing risk of distractions from Internet, Gaming, and Substance Addiction | Dr Sreelatha P, Prof., Psychiatry |
| 19 | 17.05.2022 (Tuesday) | Life Skills - 1 | Dr Sreelatha P, Prof., Psychiatry Dr Priyadarisini N J, Assoc. Professor, Community Medicine |
| 20 | 18.05.22 (Wednesday) | Life Skills – 2 | Dr Sreelatha P, Prof., Psychiatry Dr Priyadarisini N J, Assoc. Professor, Community Medicine |
| 21 | 19.05.22 (Thursday) | Yoga and Health and Activity | Dr Lakshmikanth, Professor, Anatomy |
| 22 | 20.05.22 (Friday) | Exam Preparation | Dr Nagesh Raju Prof of Pharmacology |

Chit Nagraj

Coordinator
Medical Education Unit
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**PES Institute of Medical Sciences & Research
Kuppam – 517425, Chittoor District, A.P.**

Medical Education Unit (MEU)

Ref: PESIMSR/MEU/1/2021

Date:08.01.2021

Foundation course for Fresh Entrants to first year MBBS, batch of 2020 (online)

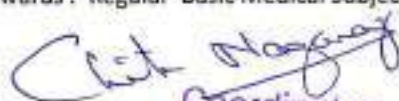
| SI No | Date | Day | TOPIC 10:15 am – 11:15 am | TOPIC 11:30 am – 12 :30 pm | Topic 2.30 pm - 3.30 pm |
|-------|------------|-----------|---|--|--|
| 1 | 11.01.2021 | Monday | Welcome address and Introduction to PES Group by Dr H.R.Krishna Rao, Dean and Principal, Professor & HOD of Anatomy | IMG roles and overview MBBS curriculum. Dr H.R.Krishna Rao, Dean and Principal, Professor & HOD of Anatomy | Medical Negligence and Law and Medicine Violence against doctors Dr Pawar Gurudutt Sadashiv Professor & HOD Forensic Medicine |
| 2 | 12.01.2021 | Tuesday | What it is to be a doctor and Physicians Role in the society Dr P J Harsha Professor Paediatrics | Learning Strategies Dr Kavita Rasalkar Professor & HOD Biochemistry | Integration Dr L Krishna Former Medical Superintendent and Emeritus Professor OBG |
| 3 | 13.01.2021 | Wednesday | National Health Priorities Health care systems in India. Dr Chitra Nagaraj Professor & HOD of Community Medicine | Gender Sensitivity, Anti sexual harassment committee Dr VSSR Ryali Vice Principal and Prof & HOD Psychiatry | Importance of Documentation Dr Harsha PJ Professor Paediatrics |
| 4 | 14.01.2021 | Thursday | Holiday | Holiday | Holiday |
| 5 | 15.01.2021 | Friday | Time Management Dr Y J V Reddy Professor Emeritus Medicine | Stress Management Dr Keya Das Assistant Professor Psychiatry | Breaking Bad News Dr VSSR Ryali Professor & HOD Psychiatry |
| 6 | 16.01.2021 | Saturday | Principles of Family practice, Dr Raghavendra Rao Family Physician | Vaccines for Health Professionals & Hand Washing Covid Precautions Dr C Nagaraj, Emeritus Professor of Microbiology | --- |
| 7 | 18.01.2021 | Monday | Use of Library & References Use of Online Resources Mr Suresh Babu Librarian | Communication Skills in Medical Profession Dr Sreelatha P Professor of Psychiatry | Study Skills Dr Ramaswamy A S Professor & HOD Pathology |
| 8 | 19.01.2021 | Tuesday | Importance of Language and Presentation skills Dr Y J V Reddy Professor Emeritus Medicine | Basic Life Support & First Aid Dr Prakash Babu Assistant Professor Emgcy Medicine | Yoga and Health and Activity Dr N Shakuntala Professor of Anatomy |
| 9 | 20.01.2021 | Wednesday | Medical Ethics & Professionalism Dr Suresh Krishnamurthy Medical Director PESIMSR | Exposure to Research and Informed Consent Dr Praveen Kumar B A Professor of Community Medicine | Scope of Medicine Dr Priyadarsini N J Asst Prof of Community Medicine |
| 10 | 21.01.2021 | Thursday | Life Skills Dr Sreelatha P Professor of Psychiatry Dr N Shakuntala Professor of Anatomy Dr Priyadarsini N J Asst Prof of Community Medicine | Computer, Internet in Medical Education, Information Technology and its importance Mr Satish Aloysius, IT Manager | Information Technology and its use Ms Parimala Rao Former Vice President of F/S Global Bangalore |

| | | | | | |
|----|--------------------------------|--|--|--|--|
| 11 | 22.01.2021 | Friday | Life Skills Dr Sreelatha P Professor of Psychiatry Dr N Shakuntala Professor of Anatomy Dr Priyadarsini N J Asst Prof of Community Medicine | Universal Precautions, Biomedical Waste Management Dr C Nagaraj Emeritus Professor of Microbiology | Functioning as a part of healthcare team Dr.Sameer Wooly, Associate Professor Orthopaedics |
| 12 | 23.01.2021 | Saturday | Reducing risk of distractions from Internet, Gaming, and Substance Addiction Dr N Shakuntala Professor of Anatomy | Alternate Medicine Dr.Srikanth, Assistant Professor Community Medicine | ----- |
| 13 | 25.01.2021 | Monday | Life Skills Dr Sreelatha P Professor of Psychiatry Dr N Shakuntala Professor of Anatomy Dr Priyadarsini N J Asst Prof of Community Medicine | Life Skills Dr Sreelatha P Professor of Psychiatry Dr N Shakuntala Professor of Anatomy Dr Priyadarsini N J Asst Prof of Community Medicine | Consequences of unethical and unprofessional behavior and Professional Confidentiality and Responsibility Dr Pawar Gurudutt Sadashiv Professor & HOD Forensic Medicine |
| 14 | 26.01.2021 | Tuesday | Holiday | Holiday | Holiday |
| 15 | 27.01.2021 to 31.01.2021 | Preparation time to come to campus RTPCR test . Students travel. | | Allotment of hostel rooms. Screening facility | |

Offline classes will commence from 1st February onwards.

Orientation on 1st and 2nd February 2021

3rd February 2021 onwards : Regular Basic Medical Subjects will be started.



Coordinator

CC-RESOURCE FACULTY
Medical Education Unit
PESIMSR, Kuppam - 517 425



DEAN & PRINCIPAL

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PES Institute of Medical Sciences & Research
Kuppam - 517 425, Chittoor Dist. A.P.

**PES INSTITUTE OF MEDICAL SCIENCES AND RESEARCH
KUPPAM- 517425, CHITTOOR DIST, A.P**

MEDICAL EDUCATION

**PES INSTITUTE OF MEDICAL SCIENCES & RESEARCH
Kuppam – 517425, Chittoor District, A.P.**

Ref: PESIMSR/MEU/1/2021-22

Date : 07.01.2021

Medical Education Unit (MEU)

Foundation course for Fresh Entrants to first year MBBS(2020-21 batch) Online Live

| Sl No | Date | Day | Time | Topic | Faculty |
|-------|------------|-----------|---------------------|---|---|
| 1 | 11.01.2021 | Monday | 10:15 AM – 11:15 AM | Welcome address and Introduction to PES Group | Dr H.R.Krishna Rao, Dean & Principal, |
| 2 | | | 11:30 AM – 12:30 PM | IMG roles and overview MBBS curriculum. | Professor & HOD, Anatomy |
| 3 | | | 02:30 PM – 03:30 PM | Medical Negligence and Law and Medicine Violence against doctors | Dr Pawar Gunodutt Sadashiv Prof. & HOD Forensic Medicine, Chief Warden, PESIMSR Hostels |
| 4 | 12.01.2021 | Tuesday | 10:15 AM – 11:15 AM | What it is to be a doctor and Physicians Role in the society | Dr P J Harsha Professor, Paediatrics |
| 5 | | | 11:30 AM – 12:30 PM | Learning Strategies | Dr Kavita Rasalkar Professor, Biochemistry |
| 6 | | | 02:30 PM – 03:30 PM | Integration | Dr L Krishna Former Medical Superintendent |
| 7 | 13.01.2021 | Wednesday | 10:15 AM – 11:15 AM | National Health Priorities Health care systems in India. | Dr Chitra Nagaraj Prof & HOD, SPM |
| 8 | | | 11:30 AM – 12:30 PM | Gender Sensitivity, Anti sexual harassment committee | Dr VSSR Ryali Vice Principal and Prof & HOD Psychiatry |
| 9 | | | 02:30 PM – 03:30 PM | Importance of Documentation | Dr P J Harsha Professor, Paediatrics |
| 10 | 15.01.2021 | Friday | 10:15 AM – 11:15 AM | Time Management | Dr Y J V Reddy Professor Emeritus, Medicine |
| 11 | | | 11:30 AM – 12:30 PM | Stress Management | Dr Keya Das Assistant Professor Psychiatry |
| 12 | | | 02:30 PM – 03:30 PM | Breaking Bad News | Dr VSSR Ryali Vice Principal and Prof & HOD Psychiatry |
| 13 | 16.01.2021 | Saturday | 10:15 AM – 11:15 AM | Principles of Family practice | Dr Raghavendra Consultant Family Physician |
| 14 | | | 11:30 AM – 12:30 PM | Vaccines for Health Professionals & Hand Washing Covid Precautions | Dr C Nagaraj, Emeritus Professor, Microbiology |
| 15 | 18.01.2021 | Monday | 10:15 AM – 11:15 AM | Use of Library & References Use of Online Resources | Mr Suresh Babu Librarian |
| 16 | | | 11:30 AM – 12:30 PM | Communication Skills in Medical Profession | Dr Sreelatha P Professor of Psychiatry |
| 17 | | | 02:30 PM – 03:30 PM | Study Skills | Dr Ramaswamy A S Professor & HOD, Pathology |
| 18 | 19.01.2021 | Tuesday | 10:15 AM – 11:15 AM | Importance of Language and Presentation skills | Dr Y J V Reddy Professor Emeritus Medicine |
| 19 | | | 11:30 AM – 12:30 PM | Basic Life Support & First Aid | Dr Prakash Babu Asst. Prof., Emergency Medicine |
| 20 | | | 02:30 PM – 03:30 PM | Yoga and Health and Activity | Dr N Shakuntala Professor, Anatomy |

**PES INSTITUTE OF MEDICAL SCIENCES AND RESEARCH
KUPPAM- 517425, CHITTOOR DIST, A.P**

MEDICAL EDUCATION

| Sl No | Date | Day | Time | Topic | Faculty |
|-------|-----------------------------|---------------|---------------------|--|--|
| 21 | 20.01.2021 | Wednes day | 10:15 AM – 11:15 AM | Medical Ethics & Professionalism | Dr Suresh Krishnamurthy Medical Director, PESIMSR |
| 22 | | | 11:15 AM – 12:15 PM | Exposure to Research and Informed Consent | Dr Praveen Kumar B A Professor of SPM |
| 23 | | | 12:15 PM – 01:15 PM | Scope of Medicine | Dr Priyadarsini N J Asst Prof of SPM |
| 24 | 21.01.2021 | Thursday | 10:15 AM – 11:15 AM | Life Skills | Dr Sreelatha P, Prof., Psychiatry Dr N Shakuntala, Prof., Anatomy Dr Priyadarsini, Asst Prof., SPM |
| 25 | | | 11:30 AM – 12:30 PM | Computer, Internet in Medical Education, Information Technology and its importance | Mr Satish Aloysius, IT Manager |
| 26 | | | 02:30 PM – 03:30 PM | Information Technology and its use | Ms Parimala Rao Former Vice President F/S Global Bangalore |
| 27 | 22.01.2021 | Friday | 10:15 AM – 11:15 AM | Life Skills | Dr Sreelatha P, Prof., Psychiatry Dr N Shakuntala, Prof., Anatomy Dr Priyadarsini, Asst Prof., SPM |
| 28 | | | 11:30 AM – 12:30 PM | Universal Precautions, Biomedical Waste Management | Dr C Nagaraj Emeritus Professor, Microbiology |
| 29 | | | 02:30 PM – 03:30 PM | Functioning as a part of healthcare team | Dr Sameer Wooly, Assoc. Professor, Orthopaedics |
| 30 | 23.01.2021 | Saturday | 10:15 AM – 11:15 AM | Reducing risk of distractions from Internet, Gaming, and Substance Addiction | Dr N Shakuntala Professor of Anatomy |
| 31 | | | 11:30 AM – 12:30 PM | Alternate Medicine | Dr Srikanth, Assistant Professor, SPM |
| 32 | 25.01.2021 | Monday | 10:15 AM – 11:15 AM | Life Skills | Dr Sreelatha P, Prof., Psychiatry Dr N Shakuntala, Prof., Anatomy Dr Priyadarsini, Asst Prof., SPM |
| 33 | | | 11:30 AM – 12:30 PM | Life Skills | Dr Sreelatha P, Prof., Psychiatry Dr N Shakuntala, Prof., Anatomy Dr Priyadarsini, Asst Prof., SPM |
| 34 | | | 02:30 PM – 03:30 PM | Consequences of unethical and unprofessional behavior and Professional Confidentiality and Responsibility | Dr Pawar Gurudutt Sadashiv Prof. & HOD Forensic Medicine, Chief Warden, PESIMSR Hostels |
| 36 | 26.01.2021 to 31.01.2021 | | | Preparation time to come to campus RTPCR testing / Students travel/ Screening facility/ Allotment of hostel rooms | |

Note:- Offline classes will commence from 1st February onwards.
Orientation on 1st and 2nd February 2021
3rd February 2021 onwards: Regular Basic Medical Subjects will be started.
Hostel allotment - one day before the Classes Commencement

Co-Ordinator (MEU)

Cc to:
MD/AMD
Medical Superintendent/Vice Principal
HcDs (Anatomy/Physiology/Biochemistry)
Resource faculty
All Year MBBS (2020 Batch) students
All Notice Boards / O/c


DEAN & PRINCIPAL
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Kuppam-517425, Chittoor District, A.P.

P.L.S. INSTITUTE OF MEDICAL SCIENCES & RESEARCH

CH-166A - 517 025, BASTIYAN DIST., ANDHRA PRADESH


Reg. No. PLSMADR/ESTAB/170/2021-22

Date: 27.01.2022

INAUGURATION & FOUNDATION COURSE FOR FRESH ENTRANTS TO FIRST YEAR MBBS (2020-21 BATCH) OFFLINE - VENUE - LECTURE HALL (HALL), GROUND FLOOR, COLLEGE BLOCK

| Date | Time | Topic | Faculty |
|------------|----------------------|---|--|
| 20-01-2022 | 07:00 AM to 07:30 PM | Inauguration Programme Address by Dean & Principal Address by Vice Principal Address by Chief Minister & Address by Student Welfare Officer | Dr. N. A. Krishna Rao Dean & Principal Prof. HOD, Dept. of Anatomy Dr. HOD, P.S. Subba Rao Prof. & HOD of Biochemistry Dr. SMT & Vice Principal Dr. Gurudatta Sankar Prasad HOD of Phys. Med., Chief Minister Dr. Smt. N. V. Asst. Prof. of Physiology Student Welfare Officer |
| | 12:30 PM to 02:30 PM | Lunch Break | |
| | 02:30 PM to 04:30 PM | Roll No. 01 to 75 (Students visit PLSMADR Hospital) | Dr. Samant Wode Asst. MS & Asst. Prof. of Ortho. Dr. Sridhara Asst. MS & HOD, Dentistry |
| 01-02-2022 | 08:30 AM to 10:30 AM | Roll No. 76 to 150 1. Collecting - ID Card, Records, Agents & Books 2. Biometric Registration Anatomy - Reference, How to Study/ Preparation for Practical / Group Discussion | Venue: College Stairs (Near Anatomy Department) |
| | 10:30 AM to 11:30 AM | Physiology - Reference, How to Study/ Preparation for Practical / Group Discussion | Dr. Vikram Das Kumar Prof. & HOD, Dept. of Physiology |
| | 11:30 AM to 12:30 PM | Biochemistry - Reference, How to Study/ Preparation for Practical / Group Discussion | Dr. Gupta / Resident Professor of Biochemistry |
| | 12:30 PM to 01:00 PM | Introduction to Microsoft Teams & It's uses | Mr. N. S. Bala |
| | 01:00 to 02:30 pm | Lunch Break | |
| | 02:30 PM to 04:30 PM | Roll No. 151 to 250 (Students visit PLSMADR Hospital) | Dr. Samant Wode Asst. MS & Asst. Prof. of Ortho. Dr. Sridhara Asst. MS & HOD, Dentistry |
| 05-02-2022 | 07:30 AM to 08:00 PM | Roll No. 01 to 75 1. Collecting - ID Card, Records, Agents & Books 2. Biometric Registration | Venue: College Stairs (Near Anatomy Department) |
| | 08:00 AM to 08:30 PM | Students Introduction in Assembly | All the Clinical Dept. Faculty |
| | 08:30 PM to 09:30 PM | Department Meeting Batch A - Roll No. 01 to 50 Batch B - Roll No. 51 to 100 Batch C - Roll No. 101 to 150 | Department of Physiology Department of Biochemistry Department of Anatomy |

To be
 M/D/2022
 Medical Superintendent / Vice Principal
 PLSMADR Central Departments
 Student Welfare Officer
 Above Concerns
 etc.

DEAN & PRINCIPAL

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 Ch-166A, Bastiyan, Dist. Chittoor, Andhra Pradesh

**PES INSTITUTE OF MEDICAL SCIENCES AND RESEARCH
KUPPAM- 517425, CHITTOOR DIST, A.P**

MEDICAL EDUCATION

Ref: PESIMSR/MEU/8/2019

Date: 13.08.2019

Foundation course for Fresh Entrants to first year MBBS

For the academic year 2019 – 2020 (XVIII batch)

Date 17 August 2019 (Saturday)

| | |
|--------------------|--|
| 11.00 am – 1.00 pm | Inauguration Programme Venue Auditorium |
| 1.00 pm – 2.00 pm | Lunch Break |
| 2.00 pm – 4.00 pm | Parents and Students meet with Dean and Principal and Chief Warden Venue Auditorium |

Date 18 August 2019 (Monday)
Building

Venue A/C lecture Hall IV Ground Floor, College

| Time | Program / Topic | Faculty |
|---------------------|---|---|
| 9.00 – 9.45 am | Introduction – MBBS Course Goals and Objectives | Dr Shakuntala Rao Prof of Anatomy |
| 9.45 – 10.30 am | Biochemistry - Relevance, How to Study/ Preparation for practical / Group discussion | Dr Kavitha P Rasalkar Associate Professor Biochemistry |
| 10.30 – 10.45 am | Break | |
| 10.45 – 11.30 am | Anatomy - Relevance, How to Study/ Preparation for practical / Group discussion | Dr Sujatha K Associate Professor Anatomy |
| 11.30 am – 12.15 pm | Physiology – Relevance, How to Study/ Preparation for practical / Group discussion | Dr Lincoln Dev Kumar Prof & HOD Physiology |
| 12.15 – 1.00 pm | What it is to be a doctor and Physicians Role | Dr P J Harsha |

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MEDICAL EDUCATION

| | | |
|----------------|--|---|
| | in the society | Associate Professor Paediatrics |
| 1.00 - 2.00 pm | Lunch | |
| 2.00 - 2.45 pm | Learning Strategies | Dr Kavitha P Rasalkar Associate Professor Biochemistry |
| 2.45 - 3.30 pm | History of Medicine | Dr Venugopala Rao T Medical Superintendent |
| 3.30 - 5.00 pm | Students Visit PESIMSR - Hospital Departments | Dr Narayan M Associate Medical Superintendent |
| 5.00 - 5.15 pm | Feedback | |

| Sl No | Date | Day | Topic | Faculty |
|-------|------------|-----------|--|--|
| 1 | 20.08.2019 | Tuesday | Roles and Responsibility of Students | Dr Vinay A V Associate Professor Physiology |
| 2 | 21.08.2019 | Wednesday | Motivation, Mentoring, Personality Growth, Anti Ragging Measures | Dr Sujatha K Associate Professor Anatomy |
| 3 | 22.08.2019 | Thursday | National Health Priorities Practicalities in Campus | Dr Chitra Nagaraj Professor of Community Medicine Seniors |
| 4 | 23.08.2019 | Friday | Yoga and Health and Activity | Dr Shakuntala Professor of Anatomy |
| 5 | 24.08.2019 | Saturday | Sports 2.00 pm Cricket; Other sports 5.00 pm | Mr Murugesh -Sports officer |
| 6 | 26.08.2019 | Monday | Time Management and Activity | Dr Y J V Reddy Professor Emeritus Medicine |
| 7 | 27.08.2019 | Tuesday | Stress Management and Activity | Dr Keya Das Assistant Professor Psychiatry |
| 8 | 28.08.2019 | Wednesday | Scope of Medicine | Dr Priyadarsini N J Asst Prof of Community Medicine |

**PES INSTITUTE OF MEDICAL SCIENCES AND RESEARCH
KUPPAM- 517425, CHITTOOR DIST, A.P**

MEDICAL EDUCATION

| | | | | |
|----|------------|-----------|--|---|
| 9 | 29.08.2019 | Thursday | Communication Skills in Medical Profession | Dr Sreelatha P Associate Professor Psychiatry |
| 10 | 30.08.2019 | Friday | Importance of Language and Presentation skills | Dr Y J V Reddy Professor Emeritus Medicine |
| 11 | 31.08.2019 | Saturday | Sports 2.00 pm Cricket; Other sports 5.00 pm | Mr Muruges -Sports officer |
| 12 | 03.09.2019 | Tuesday | Basic Life Support & First Aid | Dr Prakash Babu Assistant Professor Emgcy Medicine |
| 13 | 04.09.2019 | Wednesday | Medical Ethics & Professionalism | Dr Suresh Krishnamurthy Medical Director PESIMSR |
| 14 | 05.09.2019 | Thursday | Computer, Internet in Medical Education, Information Technology and its importance | Mr Satish Aloysius IT Manager |
| 15 | 06.09.2019 | Friday | Use of Library & References Use of Online Resources | Mr Suresh Babu Librarian |
| 16 | 07.09.2019 | Saturday | Sports 2.00 pm Cricket; Other sports 5.00 pm | Mr Muruges -Sports officer |
| 17 | 09.09.2019 | Monday | Vaccines for Health professionals & Hand Washing | Dr C Nagaraj Professor of Microbiology |
| 18 | 10.09.2019 | Tuesday | Alternate Medicine | Dr Manjula M Asst Prof of Community Medicine |
| 19 | 11.09.2019 | Wednesday | Universal Precautions, Biomedical Waste Management | Dr Rajesh T Patil Professor & HOD Microbiology |
| 20 | 12.09.2019 | Thursday | Consequences of unethical and unprofesional behavior and Professional Confidentiality and Responsibility | Dr Kiran G T Professor of Forensic Medicine |
| 21 | 13.09.2019 | Friday | Functioning as a part of healthcare team | Dr Venugopal Rao Medical Superintendent |
| 22 | 14.09.2019 | Saturday | Sports 2.00 pm Cricket; Other sports 5.00 pm | Mr Muruges -Sports officer |
| 23 | 16.09.2019 | Monday | Medical Negligence and Law and Medicine | Dr Pawar Gurudutt Sadashiv Professor & HOD Forensic Medicine |
| 24 | 17.09.2019 | Tuesday | Exposure to Research and Informed Consent | Dr Praveen Kumar B A |

**PES INSTITUTE OF MEDICAL SCIENCES AND RESEARCH
KUPPAM- 517425, CHITTOOR DIST, A.P**

MEDICAL EDUCATION

| | | | | |
|----|------------|-----------|--|---|
| | | | | Professor of Community Medicine |
| 25 | 18.09.2019 | Wednesday | Importance of Documentation | Dr Harsha PJ Associate Professor Paediatrics |
| 26 | 19.09.2019 | Thursday | Breaking Bad News | Dr VSSR Ryali Professor & HOD Psychiatry |
| 27 | 20.09.2019 | Friday | Study Skills and Activity | Dr Ramaswamy A S Professor & HOD Pathology |
| 28 | 21.09.2019 | Saturday | Sports 2.00 pm Cricket; Other sports 5.00 pm | Mr Murugesh -Sports officer |
| 29 | 23.09.2019 | Monday | Life Skills | Dr Sreelatha P |
| 30 | 24.09.2019 | Tuesday | Life Skills | Associate Professor Psychiatry |
| 31 | 25.09.2019 | Wednesday | Life Skills | Dr Pradeep M & Dr Priyadarsini N J |
| 32 | 26.09.2019 | Thursday | Life Skills | Asst Professor Community Medicine |
| 33 | 27.09.2019 | Friday | Life Skills | |
| 34 | 28.09.2019 | Saturday | Sports 2.00 pm Cricket; Other sports 5.00 pm | Mr Murugesh -Sports officer |



Coordinator
Medical Education Unit
PESIMSR, Kuppam - 517 425



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