

**College & Hospital**

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| S. No. | Information of the medical college/institution<br>Year of Inception:<br>Government/private         | 2012<br>Private   |
| 1.     | Name   | Hamdard Institute of Medical Sciences & Research                            |
| 2.     | Address with pin code  | Guru Ravidas Marg, Hamdard Nagar, New Delhi – 110062                        |
| 3.     | University address with pin code   | Jamia Hamdard, Hamdard Nagar, New Delhi – 110062                            |
| 4.     | Official website   | <a href="http://www.himsr.co.in">www.himsr.co.in</a>                        |
| 5.     | <u>Dean/ Principal/</u> Director   | Prof. (Dr.) Mridu Dudeja  |
| 6.     | Mobile Number  | 8750410786  |
| 7.     | Email ID of Dean   | <a href="mailto:dean@himsr.co.in">dean@himsr.co.in</a>                      |
| 8.     | Hospital   | HAH Centenary Hospital  |
| 9.     | Date and Year of Registration of the Hospital  | 06/12/2023  |
| 10.    | Number of Beds   | 710   |
| 11.    | Number of Beds for emergency   | 30  |
| 12.    | Date of the First Letter of Permission (LoP) of MBBS   | 29.06.2012  |
| 13.    | Status of Recognition  | Recognised for 100 MBBS seats<br>2 <sup>nd</sup> renewal for 150 MBBS seats |
| 14.    | Number of MBBS and PG broad specialty and super specialty students admitted in this session*       | MBBS: 150<br>MD/MS: 47<br>DM/MCh: -Nil                                      |
| 15.    | Inpatients registered and admitted (Previous month record)   | Feb 2024: 3661  |
| 16.    | Outpatients registered (Previous month record)   | Feb 2024: 37,718  |
| 17.    | Number of Death reported to the Municipality/village register (month-wise) (Previous month record) | Feb 2024: 23  |

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| 18. | Address and pin code of the Corporation/Village where the Death records are reported    | Office of Deputy Commissioner South Zone Municipal Corporation of Delhi<br>Sri Aurobindo Marg, Block A, Green Park Extension, Green Park, New Delhi, Delhi 110016 |
| 19. | Website link/ email ID/hyperlink of the corporation in case Death records are reported  | <a href="https://mcdonline.nic.in/portal">https://mcdonline.nic.in/portal</a>   |
| 20. | Number of Birth reported (Month-wise)   | Feb 2024: 156   |
| 21. | Address and pin code of the Corporation/village where the Birth records are reported    | Office of Deputy Commissioner South Zone Municipal Corporation of Delhi<br>Sri Aurobindo Marg, Block A, Green Park Extension, Green Park, New Delhi, Delhi 110016 |
| 22. | Website link/ email ID/ hyperlink of the corporation in case Birth Records are reported | <a href="https://mcdonline.nic.in/portal">https://mcdonline.nic.in/portal</a>   |
| 23. | Number of Rooms in Men's Hostel and students accommodation                              | Number of Rooms : 110<br>Total accommodated: 192  |
| 24. | Total Number of Rooms in Women's Hostel and students accommodated                       | Number of Rooms : 150<br>Total accommodated: 268  |
| 25. | Name of the Grievance Redressed Officer (PIO & CPIO):                                   | PIO: - Prof. MD. Iqbal Alam<br>CPIO :- Prof. Sunil Kohli  |
| 26. | Address with Pin code   | Guru Ravidas Marg, Hamdard Nagar, New Delhi – 110062  |
| 27. | Telephone Number Email Id   | 09990083747<br><a href="mailto:grievancecell@himsr.co.in">grievancecell@himsr.co.in</a>   |
| 28. | Grievances reported (Previous month record)   | 01  |

29. Details of Post- Graduation Courses offered

| <b>Post Graduate Course</b> | <b>Year of Commencement of the Course</b> | <b>Number of Students Currently pursuing the Course</b> | <b>Number of Students admitted in the current session</b> |
|-----------------------------|---|---|---|
| MD Pathology                | 2017                                      | 9   | 3   |
| MS/MD Anatomy               | 2017                                      | 1   | 1   |
| MD Community Medicine       | 2017                                      | 8   | 3   |
| MS Surgery                  | 2020                                      | 12  | 4   |
| MD/MS Orthopaedics          | 2020                                      | 9   | 3   |
| MD General Medicine         | 2020                                      | 12  | 4   |
| MD/MS Anaesthesiology       | 2020                                      | 11  | 4   |
| MD/MS Ophthalmology         | 2020                                      | 9   | 3   |
| MD/MS Paediatrics           | 2020                                      | 12  | 4   |
| MD/MS Radio-Diagnosis       | 2020                                      | 9   | 3   |
| MD/MS ENT                   | 2020                                      | 6   | 2   |
| MD Pharmacology             | 2020                                      | 8   | 4   |
| MD/MS Obst. & Gyne          | 2020                                      | 12  | 4   |
| MD Biochemistry             | 2020                                      | 2   | 2   |
| MD Microbiology             | 2020                                      | 3   | 3   |

30. Department wise list of Faculty Members

| Department        | Name of the faculty<br>Qualification IMR Number | Current Designation & Date of promotion | Nature of employment Regular/permanent or contract/outsourced | Details of Service in the last 5 years |                                    |                                    |                                    |                                    | Number of lectures taken/year, small teaching group with Topics covered |
|-------------------|---|---|---|--|------------------------------------|------------------------------------|------------------------------------|------------------------------------|---|
|                   |   |   |   | 2019                                   | 2020                               | 2021                               | 2022                               | 2023                               |   |
| <b>Anatomy</b>    | Dr. Shalini Kumar<br>MD<br>DMC - 2263           | Professor & Head<br>01.01.2024          | Regular   | Associate Professor<br>HIMSR           | Associate Professor<br>HIMSR       | Associate Professor<br>HIMSR       | Associate Professor<br>HIMSR       | Associate Professor<br>HIMSR       | 42 hrs.<br>General Anatomy, Head & Neck, Embryology, Genetics,          |
|                   | Dr. Arpita Mahajan<br>MD<br>DMC -04476          | Associate Professor<br>01.01.2022       | Contractual   | Assistant Professor<br>HIMSR           | Assistant Professor<br>HIMSR       | Assistant Professor<br>HIMSR       | Associate Professor<br>HIMSR       | Associate Professor<br>HIMSR       | 42 hrs.<br>General Anatomy, Neuroanatomy, Histology                     |
|                   | Dr. Sabah Yaseen<br>MD<br>DMC - 15980           | Assistant Professor                     | Contractual   | Senior Resident<br>MAMC                | -                                  | Assistant Professor<br>HIMSR       | Assistant Professor<br>HIMSR       | Assistant Professor<br>HIMSR       | 42 hrs<br>General Anatomy, Head & Neck, Histology                       |
|                   | Dr. Mohd. Anas Khan<br>MD<br>DMC - 51686        | Assistant Professor                     | Contractual   | -                                      | -                                  | -                                  | Senior Resident<br>HIMSR           | Assistant Professor<br>HIMSR       | 42 hrs<br>General Anatomy, Abdomen & pelvis                             |
|                   | Dr. Rizwana Farhat<br>MD<br>DMC - 64608         | Assistant Professor                     | Contractual   | -                                      | Senior Resident<br>LHMC, New Delhi | Senior Resident<br>LHMC, New Delhi | Senior Resident<br>LHMC, New Delhi | Senior Resident<br>LHMC, New Delhi | APPROXIMATELY 45 LECTURES TAKEN/YEAR                                    |
| <b>Physiology</b> | Dr. MD. Iqbal Alam<br>M.Sc., Ph.D               | Professor & Head<br>06.12.2016          | Regular   | Professor<br>HIMSR                     | Professor<br>HIMSR                 | Professor<br>HIMSR                 | Professor<br>HIMSR                 | Professor<br>HIMSR                 | 1. Introduction – Physiology<br>2. Mechanism of                         |

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|  |  |  |  |  |  |  |  |  | Transport<br>3. Membrane transport protein<br>4. Resting membrane potential<br>5. Introduction – Immunity<br>6. Immunity – 2<br>7. Immunity – 3<br>8. Hypersensitivity<br>9. Introduction – Renal Physiology<br>10. Blood supply and Kidney, JGA<br>11. Functions of nephron<br>12. Regulation of GFR<br>13. R-A-A-S Axis<br>14. Renal clearance<br>15. Concept of absorption and secretion<br>16. Transport of organic substance, glucose, TMG<br>17. Transport of amino acid / protein, inorganic substances<br>18. Mechanism of $\text{Na}^+$ , $\text{K}^+$ , regulation<br>19. Mechanism of $\text{Ca}^{++}$ , Inorganic ions. & other cations / Anions, $\text{HCO}_3$ , $\text{Cl}^-$ , $\text{H}^+$<br>20. Tubular secretion, PAH<br>21. $\text{H}_2\text{O}$ mechanism, C.C.M |
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|  |                                  |                                |             |                           |                           |                           |                           |                           | 22. CCM & diuretics<br>23. Micturition, reflex<br>24. Acid-Base balance<br>25. Acid-Base-balance<br>26. Non-Excretory functions of kidney<br>27. Renal function test, Disease, Dialysis. Transport<br>28. Motor system - Introduction<br>29. Receptor, reflex, motor function<br>30. Reflex-Properties<br>31. Properties of reflex, mass reflex, Spinal reflex<br>32. Stretch reflex<br>33. Motor neurons, Gamma motor neurons<br>34. Motor cortex & motor tract<br>35. Extra pyramidal tract<br>36. Pyramidal tract<br>37. UMNL & LMNL and other disorders |
|  | Dr. Shikha Gautam MD DMC - 01415 | Associate Professor 06.01.2021 | Contractual | Assistant Professor HIMSR | Assistant Professor HIMSR | Associate Professor HIMSR | Associate Professor HIMSR | Associate Professor HIMSR | 1. Homeostasis<br>2. Homeostasis: Calculation of gain<br>3. G-proteins<br>4. Apoptosis<br>5. Introduction of cardiac muscle<br>6. Properties of cardiac muscle<br>7. Cardiac action   |

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|  |  |  |  |  |  |  |  |  | potential<br>8. Pacemaker<br>potential<br>9. Basis of ECG-1<br>10. Basis of ECG-2<br>11. Cardiac axis<br>12. Abnormal ECG<br>13. M.I. & Electrolyte<br>disturbance in ECG<br>14. Cardiac output<br>15. Measurement of<br>cardiac output<br>16. Cardiac cycle-1<br>17. Cardiac cycle-2<br>18. Regulation of BP-1<br>19. Regulation of BP-2<br>20. CVS regulation<br>21. Introduction to<br>circulatory system<br>22. Principle of<br>hemodynamics<br>23. Hemodynamics:<br>Applied<br>24. Microcirculation<br>25. Shock<br>26. Heart failure<br>27. Adrenal cortex:<br>Hormone synthesis<br>28. Glucocorticoids<br>29. Mineralocorticoids<br>30. Adrenal Medulla-1<br>31. Adrenal Medulla :<br>Applied<br>32. Male Repro:<br>Spermatogenesis<br>33. Male Repro:<br>Testosterone |
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|  |   |                                   |             |  |  |   |   |                              | 34. Introduction to sensory physiology<br>35. Synapse and properties<br>36. Receptor and properties<br>37. Ascending pathways<br>38. Physiology of Pain<br>39. Referred pain<br>40. Central analgesics system<br>41. Basal metabolic Rate   |
|  | Dr. Perveen Akhter<br>MD<br>DMC - 63857 | Associate Professor<br>17.01.2024 | Contractual | Assistant Professor<br>GMC, Mandi, Himchal Pradesh | Assistant Professor<br>GMC, Mandi, Himchal Pradesh | - | - | Assistant Professor<br>HIMSR | 1. Functional dynamics action of GIT-1<br>2. Functional dynamics action of GIT-2<br>3. GIT Hormones<br>4. Salivary glands<br>5. Mastication and deglutition<br>6. Stomach-1<br>7. Stomach-2<br>8. Pancreas<br>9. Liver<br>10. Biliary secretions and entero-hepatic circulation<br>11. Motility and secretion of intestines-1<br>12. Motility and secretion of intestines-2<br>13. Digestion and absorption |



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|  |   |                     |             |                                  |                                  |                           |                           |                           | 14. Applied<br>15. Thyroid synthesis and regulation<br>16. Actions of thyroid hormone<br>17. Disorder of thyroid hormone<br>18. Parathyroid hormone and calcitonin<br>19. Calcium homeostasis<br>20. Vitamin D and applied<br>21. Bone physiology<br>22. Pancreas-1<br>23. Pancreas-2 (Action of Insulin)<br>24. Diabetes mellitus                                  |
|  | Dr. Amina Sultan Zaidi<br>MD<br>DMC - 81274 | Assistant Professor | Contractual | Senior Resident, MAMC, New Delhi | Senior Resident, MAMC, New Delhi | Assistant Professor HIMSR | Assistant Professor HIMSR | Assistant Professor HIMSR | 1. Cell Membrane<br>2. Intercellular connections<br>3. Body Fluids<br>4. Structure and function of platelets<br>5. Hemostasis-1<br>6. Hemostasis-2<br>7. Anticlotting mechanism<br>8. Functional anatomy of respiration<br>9. Mechanics of respiration -1<br>10. Mechanics of respiration-2<br>11. Pulmonary circulation<br>12. Physical principles of gas exchange |

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|  |  |  |  |  |  |  |  |  | 13. Ventilation perfusion ratio<br>14. Transport of oxygen<br>15. Transport of carbon dioxide<br>16. Neural regulation-1<br>17. Neural regulation-2<br>18. Chemical regulation of respiration -1<br>19. Chemical regulation of respiration-2<br>20. Physiology of high altitude<br>21. Physiology of deep sea diving<br>22. Pulmonary function test-1<br>23. Pulmonary function test-2<br>24. Cardiorespiratory changes during exercise<br>25. Female reproduction sustem-1<br>26. Female reproduction sustem-2<br>27. Female reproduction sustem-3<br>28. Female reproduction sustem-4<br>29. Higher function -1<br>30. Higher function-2<br>31. Language and speech<br>32. Learning and memory<br>33. Hypothalamus |
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|  |   |                     |             |                                      |                                      |                              |                              |                              | 34. Hypothalamus<br>35. Sleep<br>36. Circadian Rhythm<br>37. Ear-1<br>38. Ear-2<br>39. Ear-3<br>40. Ear-4<br>41. Smell and taste<br>42. Vestibular system-1<br>43. Vestibular system-2   |
|  | Dr. Bhawna Mattoo<br>MD<br>DMC -<br>55668 | Assistant Professor | Contractual | Senior Resident,<br>AIIMS, New Delhi | Senior Resident,<br>AIIMS, New Delhi | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | 1. Structure of function of neuron<br>2. Axonal transport<br>3. Action potential-1<br>4. Action potential-2<br>5. N.M Junction<br>6. Autonomic nervous system-1<br>7. Autonomic nervous system-2<br>8. Nerve injury<br>9. Skeletal muscle structure<br>10. Cross bridge cycling<br>11. EC coupling<br>12. Force modulation skeletal muscle<br>13. Energetics of nerve & muscle<br>14. Smooth muscle<br>15. Introduction to endocrinology<br>16. Hypothalamus-pituitary axes<br>17. Pituitary<br>18. Growth Hormone<br>19. Motor cortex |

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|              |  |                                   |             |  |   |                                      |                                      |                                    | 20. Cerebellum-1<br>21. Cerebellum-2<br>22. Basal ganglia-1<br>23. Basal ganglia-2<br>24. Posture and tone<br>25. Visio functional anatomy of eye<br>26. Optics<br>27. Photo-transduction<br>28. Visual pathway<br>29. Color vision<br>30. Optics tract lesions<br>31. Physiology of Yoga<br>32. Space Physiology  |
| Biochemistry | Dr. Jaspreet Kaur<br>MD<br>DMC - 15396 | Professor & Head                  | Contractual | Associate Professor, Career Institute, Lucknow | Associate Professor, Noida International, Noida | Professor Noida International, Noida | Professor Noida International, Noida | Associate Professor NMC, New Delhi | -  |
|              | Dr. Sana Alam<br>MD<br>DMC - 63970     | Associate Professor<br>05.04.2021 | Regular     | Assistant Professor HIMSR                      | Assistant Professor HIMSR                       | Associate Professor HIMSR            | Associate Professor HIMSR            | Associate Professor HIMSR          | <b>Total Theory hour taken (Didactic): 30</b><br><br>BI2.1 Explain fundamental concepts of enzyme, isoenzyme, alloenzyme, coenzyme & cofactors. Enumerate the main classes of IUBMB nomenclature (1)<br>BI 2.3 Describe and explain the basic principles of enzyme activity (1)<br>BI2.4 Describe and discuss enzyme inhibitors as poisons and drugs and |

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|  |  |  |  |  |  |  |  |  | <p>as therapeutic enzymes.(1)</p> <p>BI 2.5,2.6,2.7 Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions (2)</p> <p>BI 5.1 Describe and discuss structural organization of proteins (1).</p> <p>BI2.2 Observe the estimation of SGOT/SGPT (2).</p> <p>BI 4.3 Describe the regulation of lipoprotein metabolism &amp; associated disorders (1)</p> <p>BI 4.4 Describe the structure and functions of lipoproteins, their inter-relationship amongst different lipoproteins in relation to atherosclerosis (1)</p> <p>BI 4.5,4.6 Interpret laboratory results of analytes associated with metabolism of lipids. (1)</p> <p>BI 5.3 Describe the digestion and absorption of dietary proteins (1)</p> <p>BI 5.4 Describe common disorders associated with protein metabolism (1)</p> |
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|  |  |  |  |  |  |  |  |  | <p>BI 5.5 Interpret laboratory results of analytes associated with metabolism of proteins.<br/>(1)</p> <p>BI 6.2 Describe and discuss the metabolic processes in which nucleotides are involved.<br/>(2)</p> <p>BI 6.3 Describe the common disorders associated with nucleotide metabolism (2)</p> <p>BI 6.5 Describe the biochemical role of fat soluble vitamins in the body and explain the manifestations of their deficiency (2)</p> <p>BI 6.5 Describe the biochemical role of water soluble vitamins in the body and explain the manifestations of their deficiency (2)</p> <p>BI6.7 Describe the processes involved in maintenance of normal pH, water &amp; electrolyte balance of body fluids &amp; the derangements associated with these (2)</p> <p>BI10.3: Describe the cellular and humoral components of the</p> |
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|  |                                  |                                   |         |                              |                              |                              |                              |                              | <p>immune system: Lecture (2)</p> <p>BI10.4: Describe &amp; discuss innate and adaptive immune responses:Lecture (2)</p> <p>BI10.5: Describe antigens involved in vaccine development: Lecture (2)</p> <p>SGD/ tutorials/ integrated learning/ practical/demonstration-<b>176 hours</b></p>  |
|  | Dr. Kailash Chandra<br>M.Sc. P.D | Associate Professor<br>10.01.2024 | Regular | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | <p><b>Total Theory hour taken (Didactic): 30</b></p> <p>BI 6.6:<br/>Describe the biochemical processes involved in generation of energy in cells (2+2=4).</p> <p>BI 3.1: Discuss and differentiate monosaccharides, di-saccharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in the human body (1).</p> <p>BI 3.2 &amp;</p> |

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|  |  |  |  |  |  |  |  |  | <p>BI 3.3: Describe the processes involved in storage of carbohydrates and its utilization<br/>Describe and discuss the digestion and assimilation of carbohydrates from food. (2)</p> <p>BI 3.4: Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt) (1)</p> <p>BI 3.6: Describe and discuss the concept of TCA cycle as an amphibolic pathway and its regulation (1).</p> <p>BI 3.7&amp;<br/>BI 3.8 :<br/>Describe the common poisons that inhibit crucial enzymes of carbohydrate metabolism (e.g. fluoride, arsenate).<br/>Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates (1)</p> |
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|  |  |  |  |  |  |  |  |  | <p>BI 3.9 &amp; 3.10:<br/>Discuss the mechanism and significance of blood glucose regulation in health and disease (2 integration with Medicine).</p> <p>BI 7.2: Describe the processes involved in replication &amp; repair of DNA &amp; the transcription &amp; translation mechanisms. (2+2)</p> <p>BI 7.2: Describe the processes involved in replication &amp; repair of DNA &amp; the transcription &amp; translation mechanisms (3+1)</p> <p>BI 9.3: Describe protein targeting &amp; sorting along with its Associated disorders. (1+2)</p> <p>BI 7.3:<br/>Describe gene mutations &amp; basic mechanism of regulation of gene expression. (2+2)</p> |
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|  |  |  |  |  |  |  |  |  | <p>BI 10.1: Describe the cancer initiation, promotion ,oncogenes &amp; Oncogene activation along with focus on p53 &amp;apoptosis. (1+2)</p> <p>BI 10.2: Describe various biochemical tumor markers &amp;the biochemical basis of cancer therapy. (2+2)</p> <p>BI 7.4: Describe applications of Molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis.(3)</p> <p>BI 6.13:<br/>Describe the functions of the kidney, liver, thyroid and adrenal glands. (2)</p> <p>BI 6.14<br/>Describe the tests that are commonly done in clinical practice to assess the functions of these organs (kidney, liver, thyroid and adrenal glands). (2)</p> |
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|  |                                    |                                   |         |                       |                       |                       |                              |                              | <p>BI 6.15 : Describe the abnormalities of kidney, liver, thyroid and adrenal glands. (2)</p> <p>BI 9.1: List the functions and components of extracellular matrix (ECM ) [2]</p> <p>BI 9.2 :<br/>Discuss the involvement of ECM components in health and disease (2+2)</p> <p>SGD/ tutorials/ integrated learning/<br/>practical/demonstration-<br/><b>176 hours</b></p>  |
|  | Dr. Bhumika Upadhyay<br>M.Sc. Ph.D | Assistant Professor<br>02.05.2022 | Regular | Demonstrator<br>HIMSR | Demonstrator<br>HIMSR | Demonstrator<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | <p><b>Total Theory hour taken (Didactic): 30</b></p> <p>BI1.1: Describe the molecular and functional organization of a cell :Lecture (1)</p> <p>BI1.1: Describe the subcellular components of the cell: Lecture (1)</p> <p>BI4.1: Describe and discuss main classes of lipids: Lecture(2)</p> <p>BI4.2: Describe the processes involved in digestion and absorption of dietary lipids, and transport: Lecture(1)</p> |

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|  |  |  |  |  |  |  |  |  | <p>BI4.3: Lipoprotein/cholesterol/dyslipidemia: Lecture (1)</p> <p>BI4.6: Metabolism of prostaglandin: Their biological and herapeutic uses of prostaglandins: Lecture (2)</p> <p>BI6.7: Maintenance of normal pH, water &amp; electrolyte balance: (2)</p> <p>BI 5.2 Describe and discuss structure &amp; functions of hemoglobin, myoglobin &amp; hemoglobinopathies. (1)</p> <p>BI 6.12 Describe major types of hemoglobin and its derivatives (1)</p> <p>BI6.9: Describe the functions of various minerals in the body their metabolism and homeostasis and disease associated with mineral metabolism: Lecture (2)</p> <p>BI6.10: Describe the diseases associated with mineral metabolism: Lecture (2)</p> |
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|  |  |  |  |  |  |  |  |  | <p>BI6.11: Describe the functions of heme in the body and describe the processes involved in its metabolism and describe porphyrin metabolism: Lecture (2)</p> <p>BI7.6: Describe the anti-oxidant defence systems in the body: Lecture (2)</p> <p>BI7.7: Describe the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis; Role in diseases:Lecture (2)</p> <p>BI8.1:Discuss the importance of various dietary components and explain importance of dietary fibers &amp; macronutrients: Lecture (2)</p> <p>BI8.3: Provide dietary advise for optimal health in childhood and adult in disease conditions like diabetes, CAD and in pregnancy(1)</p> <p>BI8.5: Summarize the nutritional importance of commonly used items of</p> |
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|                     |   |                                   |             |   |   |   |   |                           | food including fruits and vegetables.<br>(macromolecules & its importance): Lecture(1)<br>B11.2 :Describe the preparation of buffers and estimation of pH(2)<br>BI7.5: Describe the role of xenobiotics in disease(2)<br>SGD/ tutorials/ integrated learning/<br>practical/demonstration-<br><b>176 hours</b> |
| <b>Pharmacology</b> | Dr. Razi Ahmad MD<br>DMC - 76715          | Professor & Head<br>11.02.2017    | Regular     | Professor HIMSR   | Professor HIMSR   | Professor HIMSR   | Professor HIMSR   | Professor HIMSR           | Lecture = 20<br>SGD = 10<br>Endocrine pharmacology, CNS (Alcohol, Opioid) P- drug concept, evidence-based medicine, prescription auditing, legal and ethical aspect of prescribing  |
|                     | Dr. Tanveer Ahmad Khan MD<br>DMC - 108208 | Professor                         | Contractual | Professor, Govt. Medical College, Rajnandgaon, Chhattisgarh | Professor, Govt. Medical College, Rajnandgaon, Chhattisgarh | Professor, Govt. Medical College, Rajnandgaon, Chhattisgarh | Professor, Govt. Medical College, Rajnandgaon, Chhattisgarh | Professor HIMSR           | Lecture = 16<br>SGD =10<br>Cardiovascular pharmacology, CNS (GA and LA)   |
|                     | Dr. Nusrat Nabi MD<br>DMC - 81883         | Associate Professor<br>10.01.2024 | Contractual | Demonstrator HIMSR  | Assistant Professor HIMSR                                   | Assistant Professor HIMSR                                   | Assistant Professor HIMSR                                   | Assistant Professor HIMSR | Lecture = 20<br>SGD =10<br>Antimicrobials, CNS (anti-epileptics, anti-depressant, sedative hypnotic)  |

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|                  | Dr. Sana Rehman<br>MD<br>DMC - 57163              | Assistant Professor            | Contractual | Demonstrator HIMSR               | Assistant Professor HIMSR        | Assistant Professor HIMSR        | Assistant Professor HIMSR | Assistant Professor HIMSR | Lecture = 19<br>SGD = 10<br>Autonomic nervous system, Respiratory system and Blood, CNS               |
|                  | Dr. Shreshth Khanna<br>MD<br>DMC - 73700          | Assistant Professor            | Contractual | Senior Resident, MAMC, New Delhi | Senior Resident, MAMC, New Delhi | Senior Resident, MAMC, New Delhi | Assistant Professor HIMSR | Assistant Professor HIMSR | Lecture = 16<br>SGD = 10<br>General pharmacology, GIT and Autocoids.                                  |
| <b>Pathology</b> | Dr. Sujata Jetley<br>MD<br>DMC - DMC - 46412      | Professor & Head<br>09.11.2012 | Regular     | Professor HIMSR                  | Professor HIMSR                  | Professor HIMSR                  | Professor HIMSR           | Professor HIMSR           | INTRODUCTION TO PATHOLOGY - 1<br>NEOPLASIA - 6  |
|                  | Dr. Sabina Khan<br>MD<br>DMC - 51549              | Professor<br>22.06.2020        | Regular     | Associate Professor HIMSR        | Professor HIMSR                  | Professor HIMSR                  | Professor HIMSR           | Professor HIMSR           | CELL INJURY-4<br>IRON DEFICIENCY ANEMIA-1<br>PRACTICAL -2   |
|                  | Dr. Zeeba Shameem Jairajpuri<br>MD<br>DMC - 30182 | Professor<br>01.01.2022        | Regular     | Associate Professor HIMSR        | Associate Professor HIMSR        | Associate Professor HIMSR        | Professor HIMSR           | Professor HIMSR           | WOUND HEALING & REPAIR<br>LECTURE : 1<br>INSTRUMENTS<br>PRACTICAL: 1                                  |
|                  | Dr. Safia Rana<br>DNB<br>DMC - 11480              | Professor<br>12.02.2024        | Regular     | Assistant Professor HIMSR        | Assistant Professor HIMSR        | Associate Professor HIMSR        | Associate Professor HIMSR | Associate Professor HIMSR | EDEMA & ITS CLINICAL SIGNIFICANCE<br>LECTURE: 1<br>THROMBOSIS<br>LECTURE: 2<br>EMBOLISM<br>LECTURE: 3 |

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|  |  |                                      |             |                                 |                                 |                                 |                                 |                                 | SHOCK<br>PATHOGENESIS &<br>STAGES<br>LECTURE: 4  |
|  | Dr. Shaan<br>Khetrapal<br>MD<br>DMC -<br>33984 | Associate<br>Professor<br>01.01.2022 | Regular     | Assistant<br>Professor<br>HIMSR | Assistant<br>Professor<br>HIMSR | Assistant<br>Professor<br>HIMSR | Associate<br>Professor<br>HIMSR | Associate<br>Professor<br>HIMSR | DYSPLASIA &<br>METAPLASIA<br>DOAP: 1<br>SLE<br>LECTURE: 1<br>HIV AIDS<br>LECTURE: 2<br>AUTOIMMUNE<br>DISEASES<br>SGD: 1<br>HYPERSENSITIVITY<br>REACTIONS<br>LECTURE: 3   |
|  | Dr. Nehal<br>Ahmad<br>MD<br>DMC -<br>39924     | Associate<br>Professor<br>21.11.2022 | Contractual | Assistant<br>Professor<br>HIMSR | Assistant<br>Professor<br>HIMSR | Assistant<br>Professor<br>HIMSR | Assistant<br>Professor<br>HIMSR | Associate<br>Professor<br>HIMSR | SGD 1 : Hyperemia ,<br>congestion Hemorrhage<br>Normal haemostasis<br>SGD2: Exfoliative<br>cytology including the<br>technique & stains used<br>SGD 3 : Pathogenesis and<br>pathology of<br>cysticercosis.<br>Pathogenesis and<br>pathology of leprosy<br>LECTURE<br>1: Common<br>cytogenetic<br>abnormalit<br>y &<br>mutations<br>in<br>childhood |



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|  |   |                     |             |                    |                    |                           |                           |                           | <p>LECTURE 2: Iron metabolism<br/> Etiology, investigations and differential diagnosis of microcytic hypochromic anemia<br/> LECTURE 3 : B12 and the etiology and pathogenesis of B12 deficiency<br/> PA: 15.2 L: laboratory investigations of macrocytic anemia.<br/> DOAP 1 :<br/> GRANULATION TISSUE</p>                |
|  | Dr. Rubeena Naz Mohroo<br>MD<br>DMC - 53689 | Assistant Professor | Contractual | Demonstrator HIMSR | Demonstrator HIMSR | Assistant Professor HIMSR | Assistant Professor HIMSR | Assistant Professor HIMSR | <p>CHEMICAL MEDIATORS OF INFLAMMATION:-<br/> LECTURE:1<br/> ISCHEMIA/INFARCTION:- SGD 1<br/> AUTO IMMUNE DISEASES:- SGD1<br/> PATHOGENESIS OF BACTERIAL, VIRAL, AND HELMINTHIC DISEASES :- SGD 1<br/> AIR POLLUTION TOBACCO AND ALCOHOL ABUSE:- SGD 1<br/> ACUTE APPENDICITIS AND CHRONIC CHOLECYSTITIS :- PRACTICAL 1</p> |

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|                     |                                       |                     |             |  |  |   |   |                              | <b>AETCOM-6</b>  |
|                     | Dr. Dure Adan<br>MD<br>DMC - 10276    | Assistant Professor | Contractual | Senior Resident<br>Dr. RML Hospital, New Delhi | Senior Resident, Dr. RML Hospital, New Delhi | Senior Resident<br>VMMC, New Delhi                | Assistant Professor<br>HIMSR                      | Assistant Professor<br>HIMSR | SGD- Define and describe autoimmunity. Enumerate autoimmune disorders. Describe pathogenesis of common storage disorders in infancy and childhood Describe the pathogenesis of disorders caused by protein calorie malnutrition and starvation Describe the pathogenesis of obesity and its consequences |
|                     | Dr. Monal Trisal<br>MD<br>DMC - 18210 | Assistant Professor | Contractual | Senior Resident<br>HIMSR                       | Senior Resident<br>HIMSR                     | Assistant Professor, SMS&R<br>Sharda Univ. Noida. | Assistant Professor, SMS&R<br>Sharda Univ. Noida. | Assistant Professor<br>HIMSR | LECTURE- HLA SYSTEM AND TRANSPLANT REJECTION<br>SGD- PEDIATRIC TUMORS<br>SGD- ANAEMIAS<br>DOAP- LIPOMA, HEMANGIOMA<br>DOAP- LIPOMA<br>SCC,<br>AETCOM- 6  |
| <b>Microbiology</b> | Dr. Charoo Hans<br>MD<br>DMC - 6554   | Professor & Head    | Contractual | -  | -  | Professor<br>HIMSR                                | Professor<br>HIMSR                                | Professor<br>HIMSR           | Lectures taken: 10<br>Topics covered: <ul style="list-style-type: none"> <li>• Infection of GIT</li> <li>• Infection of SST (Skin &amp; Soft tissue)</li> <li>• General Microbiology</li> <li>• Immunology</li> <li>• Infections of Cardiovascular System</li> </ul>                                     |

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|  |  |                                      |             |                                 |                                 |                                 |                                 |                                 | <ul style="list-style-type: none"> <li>• Infection of Hepatobiliary System</li> <li>• Hospital Infection Control</li> <li>• Infection of Respiratory Tract</li> <li>• Infection of Central Nervous System</li> <li>• Bloodstream</li> </ul>   |
|  | Dr. Mridu Dudeja<br>MD<br>DMC - 21875  | Professor<br>09.11.2012              | Regular     | Professor<br>HIMSR              | Professor<br>HIMSR              | Professor<br>HIMSR              | Professor<br>HIMSR              | Professor<br>HIMSR              | -   |
|  | Dr. Rachna Tewari<br>MD<br>DMC - 78988 | Professor                            | Contractual | Associate<br>Professor<br>HIMSR | Associate<br>Professor<br>HIMSR | -                               | -                               | Professor<br>HIMSR              | <b>Lectures taken: 20 and practicals taken: 35</b><br><b>Topics of lectures from:</b><br>General Microbiology, Immunology, Hospital Infection Control, Infections of CVS, Bloodstream, GIT, Hepatobiliary system, CNS, Respiratory system, Skin and soft tissue, Infections of Genito-urinary tract, Miscellaneous. |
|  | Dr. Neetu Shree<br>MD<br>DMC - 41176   | Associate<br>Professor<br>21.11.2022 | Contractual | Assistant<br>Professor<br>HIMSR | Assistant<br>Professor<br>HIMSR | Assistant<br>Professor<br>HIMSR | Assistant<br>Professor<br>HIMSR | Associate<br>Professor<br>HIMSR | MBBS Lectures: > 20/year<br>SGD: > 35/year<br>Topics: General Microbiology<br>Immunology<br>Antimicrobials  |

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|  |  |                     |             |   |   |                              |                              |                              | Hospital infection Control<br>Bacterial genetics<br>Bacterial identification, pathogenesis, lab diagnosis, treatment & resistance mechanisms<br>Viral identification, pathogenesis, lab diagnosis, treatment & resistance mechanisms<br>Fungal identification, pathogenesis, lab diagnosis, treatment & resistance mechanisms<br>Parasitic identification, pathogenesis, lab diagnosis, treatment & resistance mechanisms<br>Infective syndromes |
|  | Dr. Stuti Kaushik<br>MD<br>DMC - 09455 | Assistant Professor | Contractual | Senior Resident<br>Dr. BSA Hospital & Medical College, New Delhi. | Senior Resident<br>Dr. BSA Hospital & Medical College, New Delhi. | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | <b>Lectures taken: 20</b><br><b>SGDs and practical taken: 35</b><br><b>Topics of lectures from:</b><br>General Microbiology, Immunology, Hospital Infection Control, Infections of CVS, Bloodstream, GIT, Hepatobiliary system, CNS, Respiratory system, Skin and soft tissue, Infections of Genito-urinary tract, Miscellaneous, AETCOM<br><b>Topics of SGD:</b><br>Specimen collection & transport, Gram staining                              |

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|  |                                  |                     |         |                    |                    |                    |                           |                           | (3), AST, Normal microbial flora, Acid fast staining (3) , Hand hygiene and PPE, Biomedical waste, systemic mycoses and candidiasis, Lab diagnosis of dysentery, Malaria, Diarrheagenic E.coli, Lab diagnosis of viral hepatitis, Lab diagnosis of staphylococcal and streptococcal infections, superficial and subcutaneous fungal infections, gram staining of sputum samples, stool microscopy                       |
|  | Dr. Ayan Kumar Das<br>M.Sc. Ph.D | Assistant Professor | Regular | Demonstrator HIMSR | Demonstrator HIMSR | Demonstrator HIMSR | Assistant Professor HIMSR | Assistant Professor HIMSR | <b>Lectures taken: 21</b><br><b>SGDs and practical taken: 25</b><br><b>Topics of lectures from:</b><br>GIT, Hepatobiliary system, CNS, Respiratory system, Skin and soft tissue, Infections of Genito-urinary tract, Miscellaneous, AETCOM General Microbiology, Immunology, Hospital Infection Control, Infections of CVS, Bloodstream,<br><b>Topics of SGD:</b> Malaria, Diarrheagenic E.coli, Lab diagnosis of viral |

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|                          |  |                  |             |                           |                           |                          |                 |                 | hepatitis, Lab diagnosis of staphylococcal and streptococcal infections, superficial and subcutaneous fungal infections, gram staining of sputum samples, stool microscopy Specimen collection & transport, Gram staining (3), AST, Normal microbial flora, Acid fast staining (3) , Hand hygiene and PPE, Biomedical waste, systemic mycoses and candidiasis, Lab diagnosis of dysentery,  |
| <b>Forensic Medicine</b> | Dr. Rakesh N. Tandon<br>MD<br>DMC - 102541 | Professor & Head | Contractual | Professor, TMU, Moradabad | Professor, TMU, Moradabad | Professor, SGT, Gurugram | Professor HIMSR | Professor HIMSR | 32 lectures; 95 SGD<br><br>1. Legal procedures<br>2. Medical practitioner – Duties and malpractices<br>3. Ethical and social aspects of medical practice<br>4. Acts related to medical practice<br>5. Identification I<br>6. Identification II<br>7. Medico legal Autopsy<br>8. Thanatology<br>9. Signs of death<br>10. Asphyxial deaths<br>11. Injuries<br>12. Firearm injuries<br>13. Regional injuries<br>14. Thermal injuries |

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|  |                               |                                   |             |                              |                              |                              |                              |                              | 15. Transportation injuries<br>16. Explosion injuries and fall from height<br>17. Medico legal aspects of injuries<br>18. Neglect and starvation deaths<br>19. Radiation sickness, anaesthetic and operative death<br>20. Infanticide and child abuse   |
|  | Dr. Shahina MD<br>DMC - 40079 | Associate Professor<br>10.11.2021 | Contractual | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | 32 lectures; 95 SGD<br>1. Criminal abortion<br>2. Erectile dysfunction and sterility<br>3. Virginity, Pregnancy and delivery<br>4. Natural sexual acts<br>5. Unnatural sexual acts<br>6. Paraphilia<br>7. Postmortem artefacts<br>8. Forensic psychiatry<br>9. Blood stain analysis<br>10. Seminal stains and other biological samples<br>11. DNA Fingerprinting<br>12. Torture and custodial deaths<br>13. Medicolegal aspects of HIV<br>14. Newer techniques and recent advances<br>15. General toxicology<br>16. Corrosive poisons |

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|  |  |                     |             |                                 |                                 |                                 |                           |                           | 17. Inorganic metallic irritants – Arsenic<br>18. Inorganic metallic irritants – Mercury<br>19. Inorganic metallic irritants – Lead<br>20. Inorganic metallic irritants – Copper   |
|  | Dr. Sarthak Aeron<br>MD<br>DMC - 12537 | Assistant Professor | Contractual | Senior Resident, AIIMS, Jodhpur | Senior Resident, AIIMS, Jodhpur | Senior Resident, AIIMS, Jodhpur | Assistant Professor HIMSR | Assistant Professor HIMSR | 32 lectures; 95 SGD<br>1. Criminal abortion<br>2. Erectile dysfunction and sterility<br>3. Virginity, Pregnancy and delivery<br>4. Natural sexual acts<br>5. Unnatural sexual acts<br>6. Paraphilia<br>7. Postmortem artefacts<br>8. Forensic psychiatry<br>9. Blood stain analysis<br>10. Seminal stains and other biological samples<br>11. DNA Fingerprinting<br>12. Torture and custodial deaths<br>13. Medicolegal aspects of HIV<br>14. Newer techniques and recent advances<br>15. General toxicology<br>16. Corrosive poisons<br>17. Inorganic metallic irritants – Arsenic<br>18. Inorganic metallic irritants – Mercury<br>19. Inorganic metallic irritants – Lead |



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|                           |  |                                |             |                              |                              |                              |                              |                              | 20. Inorganic metallic irritants – Copper  |
| <b>Community Medicine</b> | Dr. Begum Farzana Islam<br>MD<br>DMC - 67520 | Professor & Head<br>22.06.2020 | Contractual | Associate Professor<br>HIMSR | Professor<br>HIMSR           | Professor<br>HIMSR           | Professor<br>HIMSR           | Professor<br>HIMSR           | Theory Lecture : 20 Hours<br>Practical Classes : 33 Hours<br>National Nutrition Policy<br>National Health Policy,<br>Cultural Influence in medical Practice, IYCF, Epidemiology  |
|                           | Dr. Sushovan Roy<br>DMC - 23778              | Professor<br>21.11.2022        | Regular     | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | Professor<br>HIMSR           | Theory Lecture : 21 Hours<br>Practical Classes : 32 Hours<br>Epidemiology, Mental Health, Nutrition Policy , Nutrition, Family welfare program, Epidemiology   |
|                           | Dr. Aqsa Shaikh<br>MD<br>DMC - 66477         | Professor<br>17.01.2024        | Regular     | Assistant Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | Theory Lecture : 19 Hours<br>Practical Classes : 36 Hours<br>International Health, Nutrition, Health Care delivery, Medical Humanities, Health Indicators, Nutrition, Sex Ratio, RCH , Nutrition, Contraceptives, gender issues, immunization, operational research, immunization, AETCOM, Environment, Epidemiology |

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|  | Dr. Yasir Alvi<br>MD<br>DMC - 9565   | Assistant Professor | Contractual | Senior Resident,<br>JNMC, AMU,<br>Aligarh | Assistant Professor<br>HIMSR        | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Theory Lecture : 30 Hours<br>Practical Classes : 84 Hours<br>Communication, E-learning, Health determinants, Demography, Occupational health, ESIC, Nutrition, Research Methodology, National Population Policy, IMNCI, ICDS, IDSP, Community Health, International Health, NHP, Epidemiology, Family Presentation, Case discussion, Biostatistics   |
|  | Dr. Richa Gautam<br>MD<br>DMC - 6804 | Assistant Professor | Contractual | Senior Resident,<br>LHMC, New Delhi       | Senior Resident,<br>LHMC, New Delhi | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Theory Lecture : 31 Hours<br>Practical Classes : 81 Hours<br><br>Natural History of Diseases, RCH, Nutrition, Infectious diseases Epidemiology, Occupational Disorder, Population Control, Vaccine, Infectious diseases, Emerging Infection, Epidemic Investigation, Urbanization, NIS, Entomology, Contraceptives, National Prog for health care of |

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|  |                                    |                     |             |                                  |                                  |                                  |                           |                           | elderly, PHC, RCH, Community Diagnosis, Socio Cultural, Family Presentation, Case Discussion, Dietary assessment   |
|  | Dr. Mohammad Rashid MD DMC - 15384 | Assistant Professor | Contractual | Senior Resident, VMMC, New Delhi | Senior Resident, VMMC, New Delhi | Senior Resident, VMMC, New Delhi | Assistant Professor HIMSR | Assistant Professor HIMSR | Theory Lecture : 31 Hours<br>Practical Classes : 69 Hours<br>Public Health, demography, Immunization, Socio Economic, Health Care delivery, Adolescent Health, Epidemiology, Essential Medicine, Disease Surveillance, RCH, Disaster Management, Family Study, Epidemiology, Case study, Family Presentation |
|  | Dr. Kartikey Yadav MD DMC - 80658  | Assistant Professor | Contractual | Senior Resident, LHMC, New Delhi | Senior Resident, LHMC, New Delhi | Senior Resident, LHMC, New Delhi | Assistant Professor HIMSR | Assistant Professor HIMSR | Theory Lecture : 26 Hours<br>Practical Classes : 72 Hours<br>Environment and Disease, field visit & FAP, International Health, Nutrition, Entomology, IEC & BCC, Nutrition, NCD, Vaccination, Entomology, NIS, Family Planning, Disaster Management, Family Study, Epidemiology,                             |

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|                         |                                      |                     |             |   |                                     |  |  |  | Case study, Family Presentation, Health Economics, Epidemiology, IDSP, RCH, Environment, Planning Cycle, Biostatistics   |
|                         | Dr. Shyambhawe<br>MD<br>DMC - 10027  | Assistant Professor | Contractual | -                                       | Senior Resident, LHMC, New Delhi    | Senior Resident, LHMC, New Delhi           | Senior Resident, LHMC, New Delhi           | Assistant Professor HIMSR                  | Theory Lecture : 10 Hours<br>Practical Classes : 30 Hours<br>FAP Visits, RCH, IPHS, Study Design, RCH , Contraceptives, NIS, Environment Health, Epidemiology, National Program, Planning Cycle, Management Technique, Epidemiology Exercise |
|                         | Dr. Azhar Uddin<br>M.Sc., Ph.D       | Statistician        | Contractual | Senior Resident, Puducherry University. | Tutor, ICMR-RMR Center, Bhubaneswar | Assistant Professor, ICMR-NIMR, New Delhi. | Assistant Professor, ICMR-NIMR, New Delhi. | Assistant Professor, ICMR-NIMR, New Delhi. | Theory Lecture : 5 Hours<br>Practical Classes : 22 Hours<br><br>Biostatistics  |
| <b>General Medicine</b> | Dr. Sunil Kohli<br>MD<br>DMC - 51842 | Professor & Head    | Regular     | Professor HIMSR                         | Professor HIMSR                     | Professor HIMSR                            | Professor HIMSR                            | Professor HIMSR                            | Theory Lecture : 5 Hours<br>Practical Classes : 28 Hours<br><br>Pulmonary Hypertension, proteinuria in CKD, non-haemorrhagic stroke, rheumatologic disease, Physiotherapy and occupational therapy   |

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|  | Dr. Prem Kapur<br>MD<br>DMC - 4699        | Professor               | Contractual | Professor<br>HIMSR              | Professor<br>HIMSR              | Professor<br>HIMSR              | Professor<br>HIMSR | Professor<br>HIMSR | <p>Theory Lecture : 5 Hours<br/>Practical Classes : 28 Hours</p> <p>Peripheral vascular disease, hyperparathyroidism in CKD, haemorrhagic stroke, arthrocentesis, the aetiopathogenesis,</p>  |
|  | Dr. Mohd. Anwer Habib<br>MD<br>DMC - 9377 | Professor<br>01.01.2022 | Regular     | Associate<br>Professor<br>HIMSR | Associate<br>Professor<br>HIMSR | Associate<br>Professor<br>HIMSR | Professor<br>HIMSR | Professor<br>HIMSR | <p>Theory Lecture : 8 Hours<br/>Practical Classes : 28 Hours</p> <p>DVT and Pulmonary Embolism, treatment of ARF, different type of meningitis, Parkinson's syndrome, pathophysiology, stabilization, metabolic acidosis</p>  |
|  | Dr. Vineet Jain<br>MD<br>DMC - 3987       | Professor<br>01.01.2022 | Regular     | Associate<br>Professor<br>HIMSR | Associate<br>Professor<br>HIMSR | Associate<br>Professor<br>HIMSR | Professor<br>HIMSR | Professor<br>HIMSR | <p>Theory Lecture : 9 Hours<br/>Practical Classes : 56 Hours</p> <p>Dyslipidaemia, priorities in the management of ARF, various kinds of headache, Rheumatoid Arthritis, osteoporosis in the elderly, metabolic alkalosis, sociocultural, economic, pathophysiology</p> |

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|  | Dr. Anil Kumar Jain<br>MD<br>DMC - 11374           | Professor                         | Contractual | Professor AVBMS, New Delhi | Professor AVBMS, New Delhi | Professor, NDMC, New Delhi | Professor, NDMC, New Delhi | Professor HIMSR           | Theory Lecture : 5 Hours<br>Practical Classes : 28 Hours<br><br>chronic renal failure, pathophysiology, cerebrovascular accident (CVA), rheumatologic diseases, aetiopathogenesis, role of physician  |
|  | Dr. Khan Afreen Mushtaq Ahmad<br>MD<br>DMC - 60727 | Associate Professor<br>01.01.2022 | Contractual | Assistant Professor HIMSR  | Assistant Professor HIMSR  | Assistant Professor HIMSR  | Associate Professor HIMSR  | Associate Professor HIMSR | Theory Lecture : 9 Hours<br>Practical Classes : 56Hours<br><br>PTCA and CABG, therapy in CKD including, Motor neurme disease, Muscular dystrophies, management of reactive arthritis, aetio-pathogenesis, hyperparathyroidism, respiratory acidosis, socio-cultural and ethical |
|  | Dr. Mohammadd Ashraf Khan<br>MD<br>DMC - 51963     | Associate Professor<br>12.03.2024 | Contractual | Assistant Professor HIMSR  | Assistant Professor HIMSR  | Assistant Professor HIMSR  | Assistant Professor HIMSR  | Assistant Professor HIMSR | Theory Lecture : 10 Hours<br>Practical Classes : 56 Hours<br><br>ACE inhibitors, aetiology of CRF, Chronic Kidney Disease, renal replacement therapy, Prion Disease, poly-neuropathy, Gilliam bare syndrome (AIDP),   |

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|  |   |                     |             |  |  |  |                              |                              | rehabilitation of CVA, hypercalcemia, hypokalaemia, medico-legal, socio-cultural, pertaining to medical negligence   |
|  | Dr. Afroz Jamal<br>MD<br>DMC - 6118       | Assistant Professor | Contractual | Senior Resident<br>AVBMS,<br>New Delhi | Assistant Professor<br>HIMSR           | Assistant Professor<br>HIMSR           | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Theory Lecture : 11 Hours<br>Practical Classes : 56Hours<br><br>arrhythmias shock LV dysfunction papillary, Ataxic Disorder, intracranial pressure, myasthenia gravis, syndrome/ fibromyalgia, spondyloarthopathies, Ankylosing spondylitis, aetiopathogenesis, clinical, hyperkalaemia, features of respiratory alkalosis, defend medico legal, consent for surgical procedures |
|  | Dr. Dharmander Singh<br>MD<br>DMC - 13743 | Assistant Professor | Contractual | -                                      | Senior Resident,<br>MAMC,<br>New Delhi | Senior Resident,<br>MAMC,<br>New Delhi | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Theory Lecture : 13 Hours<br>Practical Classes : 64 Hours<br><br>coronary angiogram, renal replacement therapy, pharmacology, cerebrovascular accident (CVA), Disorders of Autonomic nervous system, common  |

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|  |                                       |                     |             |                                  |                                  |                                  |                           |                           | malignancies, Dementia in the elderly, aetiopathogenesis, neoplasia syndrome, roles of a physician, fertilization donor, defend medico-legal, socio-cultural   |
|  | Dr. Arvind Kumar<br>MD<br>DMC - 10021 | Assistant Professor | Contractual | Senior Resident, LHMC, New Delhi | Senior Resident, LHMC, New Delhi | Senior Resident, LHMC, New Delhi | Assistant Professor HIMSR | Assistant Professor HIMSR | <p>Theory Lecture : 12 Hours<br/>Practical Classes : 84 Hours</p> <p>history and outcomes, treatment of renal failure, Glomerular disease particularly, Trigeminal neuralgia, to joint pain based on the pathophysiology, cerebrovascular accident, complications and cause of death for common cancers, Acute confusional states, depression in the elderly, hyponatremia, non-maleficence as a guiding principle in patient care, industry relationships</p> |
|  | Dr. Rosmy Jose<br>MD<br>DMC - 81009   | Assistant Professor | Contractual | Senior Resident, LHMC, New Delhi | Senior Resident, LHMC, New Delhi | Senior Resident, LHMC, New Delhi | Assistant Professor HIMSR | Assistant Professor HIMSR | <p>Theory Lecture : 12 Hours<br/>Practical Classes : 64Hours</p>   |



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|  |  |                     |             |                                  |                                  |                                  |                           |                           | atherosclerosis and IHD, acute renal failure, Nephrolithiasis, tubercular and viral meningitis, Seizure and Epilepsy , treatment of bacterial, Relationship between infection & cancer, rehabilitation of vascular events in the elderly, demographic changes in ageing on the population, patient with hyponatremia, guiding principle in patient care, community that she/ he serves                   |
|  | Dr. Rashmi Rajput<br>MD<br>DMC - 85559 | Assistant Professor | Contractual | Senior Resident, LHMC, New Delhi | Senior Resident, LHMC, New Delhi | Senior Resident, LHMC, New Delhi | Assistant Professor HIMSR | Assistant Professor HIMSR | <p>Theory Lecture : 12 Hours<br/>Practical Classes : 64 Hours</p> <p>pathogenesis natural history evolution, disorders of Tubule growth and development, Approach to patient with Haematuria, haemorrhagic and non-haemorrhagic stroke, Disease if spinal cord (Compressive/ non compressive myelopathy), modifiable risk factors for common malignancies in India, tumor markers in common cancers,</p> |

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|  |   |                     |             |  |                       |                       |                       |                           | biopsies, interpretation of results of Chest X Ray, mammogram, discuss the epidemiology, ethical issues in the care of the elderly, guiding principle in patient care, pertains to organ donation  |
|  | Dr. Sajad Ul Islam Mir MD, DM DMC - 73590 | Assistant Professor | Contractual | Senior Resident, Dr. RML Hospital, New Delhi | DM Endocrinology      | DM Endocrinology      | DM Endocrinology      | Assistant Professor HIMSR | <p>Theory Lecture : 10 Hours<br/>Practical Classes : 20 Hours</p> <p>Hypothyroidism, Pheochromocytoma, Multiple Endocrine Plasia, Autoimmune polyendocrine Syndrome Hypopituitarism, Cushing's syndrome, Discuss management of Adrenal crises, Anterior pituitary hormone deficiency, causes, clinical features, investigation and management of Acromegaly, Osteoporosis,</p> |
|  | Dr. Bilal Ahmad Wani MD, DrNB DMC - 73406 | Assistant Professor | Contractual | -  | DrNB Gastroenterology | DrNB Gastroenterology | DrNB Gastroenterology | Assistant Professor HIMSR | <p>Theory Lecture : 15 Hours<br/>Practical Classes : 20 Hours</p> <p>dyslipidemia in the pathogenesis of atherosclerosis, Tubule</p>   |

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|                             |  |                                |             |                              |                              |                              |                              |                              | intestinal disease of kidney,   |
|                             | Dr. Sweta Singla<br>MD, DM<br>DMC - 1581 | Assistant Professor            | Contractual | -                            | -                            | -                            | Senior Resident<br>HIMSR     | Assistant Professor<br>HIMSR | Theory Lecture : 15 Hours<br>Practical Classes : 20 Hours<br><br>Dementia including Alzheimer, disease, patient with Azotaemia, Motor neuron disease, Prion Disease<br>Ataxic Disorder  |
| <b>Respiratory Medicine</b> | Dr. Sumeera Banday<br>DMC - 8313         | Professor & Head<br>12.03.2024 | Contractual | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | 13 Lectures<br>1. Recognize The Impact Of Oad On Patients Quality Of Life , Wellbeing, Work And Family<br>2. Discuss Epidemiology , Clinical Features, Types, Mode Of Transmission, Pathogenesis, Natural History Complications Of Ptb & Eptb [Including Ln/ Bone & Cns]<br>3. Discuss Various Diagnostic Tool For Tuberculosis<br>4. Describe And Discuss The Principle And Use Of Oxygen Therapy In Hospital And At Home. |

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|                    |  |                                   |             |                              |                              |                              |                              |                              | 5. Counsel The Patient With Asthma On Correct Use Of Inhalers In A Simulated Environment<br>6. Pulmonary Tuberculosis. Manifestations, Diagnosis & Treatment.<br>7. Drug Resistant Tuberculosis.<br>8. Tb In Special Situations.<br>9. Bronchial Asthma<br>10. Sarcoidosis<br>11. Occupational Lung Disease<br>12. Bronchieactasis & Lung Abscess. Introduction To Tuberculosis |
| <b>Dermatology</b> | Dr. Mukesh Manjhi<br>MD<br>DMC - 05242       | Professor & Head<br>12.03.2024    | Contractual | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | 14 lectures<br>SGT: 3<br><br>Sexually transmitted diseases prevention, SLE, Skin Tumours  |
|                    | Dr. Shafia Nisar Kakroo<br>MD<br>DMC - 78887 | Associate Professor<br>12.03.2024 | Contractual | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | 14<br>SGT: 2<br>Eczema, geriatric skin problems,  |
|                    | Dr. MD. Ashraf Jamal                         | Assistant Professor               | Contractual | Senior Resident<br>HIMSR     | Senior Resident<br>HIMSR     | Senior Resident<br>HIMSR     | Senior Resident<br>HIMSR     | Assistant Professor<br>HIMSR | 12<br>SGT: 2  |

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|                    | MD<br>DMC - 86299                      |                         |             |   |   |                                 |                                 |                           | Scabies, cutaneous disease in diabetes, thyroid disorders   |
| <b>Psychiatry</b>  | Dr. Manjeet Singh Bhatia<br>DMC - 6423 | Professor & Head        | Contractual | Professor UCMS, New Delhi                       | Professor UCMS, New Delhi                       | Professor UCMS, New Delhi       | Professor UCMS, New Delhi       | Professor UCMS, New Delhi | -   |
|                    | Dr. Nimmi A. Jose<br>MD<br>DMC - 05472 | Professor<br>12.03.2024 | Contractual | Assistant Professor CMC, Ludhiana               | Assistant Professor CMC, Ludhiana               | Associate Professor HIMSR       | Associate Professor HIMSR       | Associate Professor HIMSR | 1.Organic psychiatric disorders<br>2. psychotic vs non psychotic disorders<br>3.Magnitude, etiology and treatment of depression<br>4.Anxiety disorders<br>5.Stress related disorders<br>6.Personality disorders<br>7.Psychotherapeutics<br>8. Mental health laws in India |
|                    | Dr. Bushra Zahoor<br>DMC - 19060       | Assistant Professor     | Contractual | -   | -   | Senior Resident LHMC, New Delhi | Senior Resident LHMC, New Delhi | Assistant Professor HIMSR | 1.Treatment of stress related disorders<br>2.Management of personality disorders<br>3.Psychiatric disorders in childhood & adolescents<br>4.Psychiatric emergencies<br>5.Legal & ethical issues in Psychiatry   |
| <b>Paediatrics</b> | Dr. Devki Nandan<br>MD<br>DMC - 6450   | Professor & Head        | Contractual | Professor, ABVIMS, Dr. RML Hospital, New Delhi. | Professor, ABVIMS, Dr. RML Hospital, New Delhi. | Professor, ESIC, Faridabad.     | Professor HIMSR                 | Professor HIMSR           | 37- theory lectures and clinical Undergraduate<br>Discuss the common causes, clinical presentation, medico-legal implications of abuse<br>• <b>AETCOM</b>   |

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|  |  |  |  |  |  |  |  |  | <ul style="list-style-type: none"> <li>• Enumerate the etiopathogenesis, clinical features, complications and management of chronic kidney disease in children.</li> <li>• Discuss the etiopathogenesis, clinical features and management of Nasopharyngitis</li> <li>• Discuss the etiopathogenesis of Pharyngotonsillitis</li> <li>• Discuss the clinical features and management of Pharyngotonsillitis</li> <li>• Define development and Discuss the normal developmental milestones with respect to motor, behaviour, social, adaptive and language</li> <li>• Discuss the methods of assessment of development.</li> <li>• Discuss the etiopathogenesis, clinical presentation and multidisciplinary approach in the</li> </ul> |
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|  |  |  |  |  |  |  |  |  | <p>management of cerebral palsy</p> <ul style="list-style-type: none"> <li>• Describe adolescent sexuality and common problems related to it</li> <li>• Enumerate the etio-pathogenesis, clinical features, complications and management of acute post-streptococcal Glomerular Nephritis in children</li> <li>• Developmental</li> <li>• Assessment of a ChildElicit, document and present history pertaining to diarrheal diseases<br/>Assess for signs of dehydration, document and present</li> <li>• Apply the IMNCI Guidelines in risk stratification of children with diarrheal dehydration and refer.</li> <li>• Assess airway and breathing: recognize signs of severe respiratory distress. Check for cyanosis, severe chest in drawing, grunting</li> <li>• Respiratory system history taking</li> </ul> |
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|  |  |  |  |  |  |  |  |  | <ul style="list-style-type: none"><li>• Assess airway and breathing: recognize signs of severe respiratory distress. Check for cyanosis, severe chest in drawing, grunting</li><li>• Respiratory system history taking</li><li>• Analyze symptoms and interpret physical signs to make a provisional/ differential diagnosis</li><li>• Interpret CBC, LFT</li><li>• Enumerate the referral criteria for Hematological conditions</li><li>• Counsel and educate patients about prevention and treatment of anemia</li><li>• Perform examination of the abdomen, demonstrate organomegaly</li><li>• Analyse symptoms and interpret physical signs to make a provisional/ differential diagnosis</li><li>• Interpret CBC, LFT</li><li>• Observe the administration of UIP vaccines</li></ul> |
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|  |  |  |  |  |  |  |  |  | <p>Identify external markers of a cardiac disease e.g. Cyanosis, Clubbing, dependent edema, dental caries, arthritis, erythema rash, chorea, subcutaneous nodules, Osler's node, Janeway lesions and document</p> <p>Record pulse, blood pressure, temperature and respiratory rate and interpret as per the age</p> <ul style="list-style-type: none"> <li>• Elicit, document and present age appropriate history of a child with upper respiratory problem including Stridor</li> <li>Analyse the clinical symptoms and interpret physical findings and make a provisional / differential diagnosis in a child with ENT symptoms</li> <li>• Develop a treatment plan and document appropriately in a child with upper respiratory symptoms</li> <li>• Able to elicit, document and present</li> </ul> |
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|  |  |  |  |  |  |  |  |  | <p>history of contact with tuberculosis in every patient encounter</p> <ul style="list-style-type: none"> <li>• Identify a BCG scar</li> <li>• Interpret a Mantoux test</li> <li>• Interpret a Chest Radiograph</li> <li>• Interpret blood tests in the context of laboratory evidence for tuberculosis</li> </ul><br><ul style="list-style-type: none"> <li>• Discuss the various samples for demonstrating the organism e.g. Gastric Aspirate, Sputum , CSF, FNAC</li> <li>• History and Examination of Respiratory system</li> <li>• Assessment of a child with developmental delay - Elicit document and present history</li> <li>• Assessment of a normal neonate Assess for signs of severe dehydration</li> </ul><br><ul style="list-style-type: none"> <li>• Anthropometry and its Interpretation</li> <li>• History Taking in</li> </ul> |
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|  |  |           |             |  |  |  |                             |                 | Pediatrics: Special Considerations   |
|  | Dr. Sangita Yadav<br>MD,<br>DMC - 6556 | Professor | Contractual | Director Professor,<br>MAMC, New Delhi | Professor Excellence,<br>MAMC, New Delhi | Professor Excellence,<br>MAMC, New Delhi | Professor, NDMC, New Delhi. | Professor HIMSR | <p>11 lecture</p> <p>Discuss the etio-pathogenesis, clinical features , complications, management and prevention of meningitis in children</p> <p>Distinguish bacterial, viral and tuberculous meningitis</p> <p>Discuss the Hemodynamic changes, clinical presentation, complications and management of acyanotic Heart Diseases -VSD, ASD and PDA</p> <p>Revision Class</p> <p>Enumerate the etio-pathogenesis Clinical features, complications and management of acute post-streptococcal Glomerular Nephritis in Children</p> <p>Describe the common etiology, clinical features and management of obesity in children</p> <p>Define Adolescence and stages of adolescence</p> |

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|  |  |  |  |  |  |  |  |  | <p>Describe the physical, physiological and psychological changes during adolescence (Puberty)</p> <p>Discuss the general health problems during adolescence</p> <p>Discuss the role of screening for Vitamin D deficiency<br/>Discuss vit D resistant rickets</p> <p>Discuss the RDA, dietary sources of Iron and their role in health and disease<br/>Discuss the RDA, dietary sources of Calcium and its role in health and disease<br/>Describe the causes, clinical features, diagnosis and management of Calcium Deficiency<br/>Discuss the RDA, dietary sources of Magnesium and their role in health and disease<br/>Describe the causes, clinical features, diagnosis and management of Magnesium Deficiency</p> |
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|  |                                      |                                   |             |                              |                              |                              |                              |                              | <p>List and explain the components, plan, outcome of Reproductive Child Health (RCH) program and appraise its monitoring and evaluation</p> <p>Enumerate the etio-pathogenesis, clinical features, complications and management of Wilms Tumor.</p> <p>Recognize common surgical conditions of THE genitourinary system and enumerate the indications for referral including Phimosis, undescended testis, Chordee, hypospadiasis, Torsion testis, hernia Hydrocele, Vulval Synechiae</p> |
|  | Dr. Afreen Khan<br>MD<br>DMC - 53734 | Associate Professor<br>03.06.2023 | Contractual | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Associate Professor<br>HIMSR | <p>25/year- theory lectures Undergraduate</p> <ul style="list-style-type: none"> <li>• Urinary tract Infection</li> <li>• Thermoregulation in newborn</li> <li>• Raised intracranial tension</li> <li>• Status epilepticus</li> <li>• AETCOM</li> <li>• Approach to anemia</li> <li>• Fever without focus</li> <li>• Enuresis</li> <li>• Approach to failure to thrive</li> <li>• Common poisonings</li> </ul>  |

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|  |                                     |                     |             |   |   |   |   |                              | <ul style="list-style-type: none"> <li>• Vitamin C deficiency</li> <li>• Vitamin D deficiency</li> <li>• Growth Charts</li> <li>• Adolescent friendly health services</li> <li>• Immunization and vaccinology</li> <li>• Diarrheal diseases</li> <li>• Growth related problems</li> <li>• Referral of a sick newborn</li> <li>• Seizures in pediatric age group</li> </ul>  |
|  | Dr. Neha Bansal<br>MD<br>DMC - 6935 | Associate Professor | Contractual | - | Assistant Professor,<br>SMS&R,<br>Sharda, Noida | Assistant Professor,<br>SMS&R,<br>Sharda, Noida | Assistant Professor,<br>SMS&R,<br>Sharda, Noida | Assistant Professor<br>HIMSR | <p>1.Enumerate the common causes of fever and discuss the etiopathogenesis, clinical features, complications and management of child with exanthematous illnesses like Measles, Mumps, Rubella &amp; Chicken pox</p> <p>2.Identify, discuss and defend medico-legal, socio-cultural and ethical issues as they pertain to health care in children (including parental rights and right to refuse treatment)</p> <p>3. Enumerate the Neural tube defects. Discuss the causes, clinical features,</p> |

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|  |  |  |  |  |  |  |  |  | <p>types, and management of Neural Tube defect</p> <p>4. Discuss the etio-pathogenesis, clinical features, complications and management of Febrile seizures in children</p> <p>5. Discuss the etio-pathogenesis, clinical features and management of Mental retardation in children</p> <p><b>6. The foundations of communication</b></p> <p>7. Accidental poisonings</p> <p>8. Discuss the etio-pathogenesis, clinical types, presentations, complication and management of Diabetes mellitus in children</p> <p>9 Define the terminologies Growth and Development and Discuss the factors affecting normal growth and development</p> <p>10. Discuss and Describe the patterns of growth in infants, children and adolescents</p> <p>Enumerate available newer vaccines and their indications including</p> |
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|  |  |                     |             |                                  |                                  |   |                           |                           | penta-valent pneumococcal, rotavirus, JE, typhoid IPV & HPV   |
|  | Dr. Sana Salim Khan<br>MD<br>DMC - 75864 | Assistant Professor | Contractual | Senior Resident, NDMC, New Delhi | Senior Resident, NDMC, New Delhi | - | Assistant Professor HIMSR | Assistant Professor HIMSR | <p>NO OF LECTURES-<br/>2020 BATCH-10<br/>2019 BATCH-9</p> <p>2020 BATCH-</p> <ul style="list-style-type: none"> <li>• Discuss the-etopathogenesis, clinical features and management of a child with short stature</li> <li>• Discuss the causes and approach to a child with scholastic backwardness</li> </ul> <p>Discuss the etiology, clinical features, diagnosis and management of a child with learning disabilities.</p> <ul style="list-style-type: none"> <li>• Discuss the role of child guidance clinic in children with behavioral problems and the referral criteria.</li> <li>• Awareness on the cultural beliefs and practices of breastfeeding</li> </ul> |



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|  |  |  |  |  |  |  |  |  | <p>Explain the Physiology of lactation</p> <p>Describe the composition and types of breast milk and</p> <p>Discuss the differences between cow's milk and Human milk</p> <p>Discuss the advantages of breast milk</p> <ul style="list-style-type: none"><li>• Discuss the RDA, dietary sources of Vitamin A and their role in health and disease.</li><li>• Discuss the RDA, dietary sources of Vitamin E and its role in health and disease</li><li>• Discuss the fluid and electrolyte requirement in health and disease</li></ul> <p>Discuss the clinical features and complications of fluid and electrolyte</p> |
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|  |  |  |  |  |  |  |  |  | <p>imbalance and outline the management.</p> <ul style="list-style-type: none"> <li>• REVISION CLASS-NRP</li> <li>• Discuss the etiology, clinical features and management of birth injuries.<br/>Discuss the etiology, clinical features and management of hemorrhagic disease of newborn<br/>Discuss the clinical characteristics, complications and management of low birth weight (preterm and small for gestation).</li> <li>• Identify clinical presentations of common surgical conditions in the newborn including TEF, esophageal atresia, anal atresia, cleft lip and palate, congenital diaphragmatic hernia and causes of acute abdomen.</li> </ul> <p>2019 BATCH</p> |
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|  |  |  |  |  |  |  |  |  | <ul style="list-style-type: none"> <li>• Enumerate the common Rheumatological problems in children. Discuss the clinical approach to recognition and referral of a child with Rheumatological problem</li> <li>Describe the diagnosis and management of common vasculitic disorders including Henoch Schonlein Purpura, Kawasaki,Disease, SLE, JIA.</li> <li>• Discuss the types of fluid used in Paediatric diarrheal diseases and their composition.</li> <li>• Discuss the physiological basis of ORT, types of ORS and the composition of various types of ORS in children</li> <li>• Enumerate the indications of Upper GI endoscopy.</li> <li>• Enumerate the common causes of fever and discuss the</li> </ul> |
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|  |  |                     |             |   |   |                           |                           |                           | etiopathogenesis, clinical features, complications and management of child with Typhoid.   |
|  | Dr. Mohd. Ayub Ansari<br>MD<br>DMC - 60646 | Assistant Professor | Contractual | Senior Resident, Dr. RML Hospital, New Delhi. | Senior Resident, Dr. RML Hospital, New Delhi. | Assistant Professor HIMSR | Assistant Professor HIMSR | Assistant Professor HIMSR | 14 lectures (MBBS 2019 batch). <ul style="list-style-type: none"> <li>• Discuss the approach and referral criteria to a child with hematuria</li> <li>• Discuss the Hemodynamic changes, clinical presentation, complications and management of Cyanotic Heart Diseases – Fallot Physiology</li> <li>• Discuss the etiopathogenesis, clinical features and management of Infective endocarditis in children</li> <li>• Discuss the etiopathogenesis, classification, clinical presentation and management of diarrheal diseases in children.</li> <li>• Discuss the etiopathogenesis, clinical features and</li> </ul> |

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|  |  |  |  |  |  |  |  |  | <p>management of acute hepatitis in children</p> <ul style="list-style-type: none"> <li>• Discuss the etiopathogenesis, clinical features and management of Fulminant Hepatic Failure in children</li> <li>• Discuss the etiology, clinical presentation and management of Acute Lymphoblastic Leukemia in children</li> <li>• Discuss the etiology, clinical presentation and management of lymphoma in children</li> <li>• Discuss the approach to and management of a child with headache</li> <li>• Interpret and explain the findings in a CSF analysis</li> <li>• Describe the etio-pathogenesis, management and prevention of Allergic Rhinitis in Children</li> <li>• Describe the etio-pathogenesis, clinical features and management of Atopic dermatitis in Children</li> <li>• Enumerate the common causes of fever and discuss the etiopathogenesis,</li> </ul> |
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|  |                                       |                     |             |                                |   |                                  |                           |                           | <p>clinical features, complications and management of child with Diphtheria, Pertussis, Tetanus.</p> <ul style="list-style-type: none"> <li>Enumerate the common causes of fever and discuss the etiopathogenesis, clinical features, complications and management of child with Rickettsial diseases</li> </ul>  |
|  | Dr. Rashmi Hooda<br>MD<br>DMC - 72880 | Assistant Professor | Contractual | Senior Resident, PGIMS, Rohtak | - | Senior Resident, ESIC, Faridabad | Assistant Professor HIMSR | Assistant Professor HIMSR | <p>10 lectures and clinical ward posting classes taken for 2020 batch and 9 lectures and clinical posting classes taken for 2019 batch</p> <ul style="list-style-type: none"> <li>Discuss the etiopathogenesis, clinical features and management of a child who fails to thrive</li> <li>Discuss etiology, clinical features, diagnosis and management of a child with autism</li> <li>Discuss the RDA, dietary sources of Vitamin B and its role in health and disease</li> <li>Describe the causes, clinical features, diagnosis and</li> </ul> |

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|  |  |  |  |  |  |  |  |  | <p>management of deficiency of B complex vitamins</p> <ul style="list-style-type: none"> <li>• Discuss the National anemia control program and its recommendations</li> </ul> <p>State the vision and outline the goals, strategies and plan of action of NHM and other important national programs pertaining to maternal and child health including RMNCH A+, RBSK, RKSK, JSSK, mission</p> <ul style="list-style-type: none"> <li>• Indradhanush and ICDS</li> <li>• Discuss the temperature regulation in neonates, clinical features and management of Neonatal Hypothermia</li> </ul> <p>Discuss the approach and referral</p> <p>Criteria to a child with Proteinuria</p> <ul style="list-style-type: none"> <li>• Discuss the approach and referral criteria to a child with Hematuria</li> <li>• Describe the etiopathogenesis, grading, clinical</li> </ul> |
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|  |  |  |  |  |  |  |  |  | <p>features and management of hypertension in children</p> <ul style="list-style-type: none"><li>• Discuss the indications and limitations of Cardiac catheterization</li><li>• Discuss the etio-pathogenesis, classification, clinical features, complication and management of Hydrocephalus in children</li><li>• Discuss the etio-pathogenesis, classification, clinical features, and management of Microcephaly in children</li><li>• Enumerate the causes of floppiness in an infant and discuss the clinical features, differential diagnosis and management</li><li>• Discuss the etio-pathogenesis, clinical features, management and prevention of Poliomyelitis in children</li><li>• Discuss the etio-pathogenesis, clinical features and</li></ul> |
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|  |  |  |  |  |  |  |  |  | <p>management of Duchene muscular dystrophy</p> <ul style="list-style-type: none"><li>• Discuss the etio-pathogenesis, clinical features and management of Ataxia in children</li><li>• Discuss the etiopathogenesis, clinical presentation and management of cardiac failure in infant and children</li><li>• Discuss the etiopathogenesis, clinical presentation and management of Acute Rheumatic Fever in children</li><li>• Discuss the clinical features, complications, diagnosis, management and prevention of Acute Rheumatic Fever</li><li>• Discuss the etiopathogenesis, classification, clinical presentation and management of diarrheal diseases in children.</li><li>• Discuss the classification and clinical presentation of</li></ul> |
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|  |  |  |  |  |  |  |  |  | <p>various types of diarrheal dehydration</p> <ul style="list-style-type: none"> <li>• Discuss the etiopathogenesis, clinical presentation and management of cardiac failure in infant and children</li> <li>• Discuss the etiopathogenesis, clinical presentation and management of Acute Rheumatic Fever in children</li> <li>• Discuss the clinical features, complications, diagnosis, management and prevention of Acute Rheumatic Fever</li> <li>• Describe the etiopathogenesis, clinical approach and management of cardiorespiratory arrest in children</li> <li>• Describe the etiopathogenesis, clinical approach and management of Status epilepticus</li> <li>• Describe the etiopathogenesis, clinical approach and management of an unconscious child</li> </ul> |
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|  |                                       |                     |             |                                 |                                 |  |                           |                           | <ul style="list-style-type: none"> <li>• Discuss oxygen therapy, in Pediatric emergencies and modes of administration</li> <li>• Explain the need and process of triage of sick children brought to health facility</li> </ul> <p>Enumerate the common causes of fever and discuss the etiopathogenesis, clinical features, complications and management of children with Common Parasitic infections, malaria, leishmaniasis, filariasis, helminthic infestations, amebiasis, giardiasis</p> |
|  | Dr. Lucky Manik<br>DNB<br>DMC - 78097 | Assistant Professor | Contractual | Senior Resident, RML, New Delhi | Senior Resident, RML, New Delhi | Senior Resident, ESI, PGIMSR, Basaidarapur, New Delhi. | Assistant Professor HIMSR | Assistant Professor HIMSR | <p>Define the terminologies Growth and Development and Discuss the factors affecting normal growth and development</p> <p>Discuss and Describe the patterns of growth in infants, children and adolescents</p> <p>Discuss the role of the child developmental unit in management of developmental delay</p>   |

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|  |  |  |  |  |  |  |  |  | <p>Discuss the referral criteria for children with developmental delay</p> <p>Describe diagnosis &amp; mx of thumb sucking</p> <p>Describe the clinical features, diagnosis and management of feeding problems</p> <p>Define and Describe the etiopathogenesis, classify including WHO classification, clinical features, complication and management of severe acute malnourishment (SAM) and moderate acute</p> <p>Malnutrition (MAM)</p> <p>Outline the clinical approach to a child with SAM and MAM</p> <p>Enumerate the role of locally prepared therapeutic diets and ready to use therapeutic diets</p> <p>Describe the common etiology, clinical features and management of obesity in children</p> <p>Discuss the risk approach for obesity and Discuss the prevention strategies</p> <p>Discuss criteria for referral</p> |
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|  |  |  |  |  |  |  |  |  | <p>Discuss the risk factors, clinical features, diagnosis and management of Lead Poisoning</p> <p>Discuss the risk factors, clinical features, diagnosis and management of Kerosene aspiration</p> <p>Discuss the risk factors, clinical features, diagnosis and management of Organophosphorus poisoning</p> <p>Discuss the risk factors, clinical features, diagnosis and management of paracetamol poisoning</p> <p>Discuss the risk factors, clinical features, diagnosis and management of Oxygen toxicity</p> <p>Demonstrate willingness to participate in the national and subnational immunization days</p> <p>Describe the components of safe vaccine practice – Patient education/ counselling; adverse events following immunization, safe injection practices,</p> |
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|  |  |  |  |  |  |  |  |  | <p>documentation and medico-legal implications</p> <p>Describe the etio pathogenesis, grading, clinical features and management of hypertension in children</p> <p>Discuss the indications and limitations of Cardiac catheterization</p> <p>Enumerate some common cardiac surgeries like BT shunt, Potts and Waterston's and corrective surgeries</p> <p>Demonstrate empathy while dealing with children with cardiac diseases in every patient encounter</p> <p>Discuss the role of antibiotics, antispasmodics, antisecretory drugs, probiotics, anti-emetics in acute diarrheal diseases</p> <p>Discuss the etiopathogenesis, clinical presentation and management of Malabsorption in Children and its causes including celiac disease.</p> <p>Discuss the epidemiology, clinical features, clinical types, complications of</p> |
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|  |  |  |  |  |  |  |  |  | <p>Tuberculosis in Children and Adolescents</p> <p>Discuss the various diagnostic tools for childhood tuberculosis</p> <p>Discuss the various regimens for management of Tuberculosis as per National Guidelines</p> <p>Discuss the preventive strategies adopted and the objectives and outcome of the National Tuberculosis Control Program</p> <p>Enumerate the newer diagnostic tools for Tuberculosis including BACTEC CBNAAT and their indications</p> <p>Discuss the etiopathogenesis, clinical features and management of Acute Otitis Media (AOM)</p> <p>Discuss the etiopathogenesis, clinical features and management of Epiglottitis</p> <p>Discuss the etiopathogenesis, clinical features and management of Acute laryngotracheobronchitis</p> <p>Discuss the etiology, clinical features and management of Stridor in children</p> |
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|                        |  |                                |             |                              |                              |                                    |                                    |                        | <p>Discuss the types, clinical presentation, and management of foreign body aspiration in infants and children</p> <p>Discuss the etiopathogenesis, clinical features and management of Hemolytic anemia, Thalassemia</p> <p>Major, Sickle cell anemia, Hereditary spherocytosis, Auto-immune hemolytic anemia and hemolytic uremic syndrome.</p> <p>Discuss the etio-pathogenesis, clinical types, presentations, management and prevention of childhood Asthma</p> <p>Discuss the etio-pathogenesis, clinical features and complications and management of Urticaria Angioedema</p> |
|                        | Dr. Shireen Fatima<br>MD<br>DMC-111215 | Assistant Professor            | Contractual | -                            | Senior Resident, NMCH, Patna | Senior Resident, JLNMCH, Bhagalpur | Senior Resident, JLNMCH, Bhagalpur | Senior Resident, HIMSR | -   |
| <b>General Surgery</b> | Dr. Ajay Kumar Thakral<br>MS           | Professor & Head<br>11.08.2020 | Contractual | Associate Professor<br>HIMSR | Professor<br>HIMSR           | Professor<br>HIMSR                 | Professor<br>HIMSR                 | Professor<br>HIMSR     | <p>35 to 40/year Lectures, small group teaching, seminar, clinical teaching,</p> <p><b>Lectures/SGD</b></p>   |



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|  | DMC -<br>24837 |  |  |  |  |  |  |  | <ol style="list-style-type: none"> <li>1. Describe the clinical features of acute pancreatitis</li> <li>2. Describe management of complications of pancreatitis.</li> <li>3. Describe the clinical features of Tumors of Liver.</li> <li>4. Describe Investigations of tumours of the liver.</li> <li>5. Describe principles of management tumours of the liver.</li> <li>6. Approach to a patient of acute pancreatitis.</li> <li>7. Discuss various scoring systems of acute pancreatitis.</li> <li>8. Approach to a patient with lump in Right hypochondrium.</li> <li>9. Discuss the clinical features of liver trauma.</li> </ol> |
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|  |  |  |  |  |  |  |  |  | <p>10. Describe investigations of liver trauma.</p> <p>11. Describe principles of management of liver trauma.</p> <p>12. Describe Aseptic techniques, sterilization and disinfection.</p> <p>13. Describe surgical approaches, incisions in Surgery in general.</p> <p>14. Describe and the use of appropriate instruments in Surgery in general.</p> <p>15. Describe the applied anatomy of adrenal glands</p> <p>16. Describe the etiology, clinical features of disorders of adrenal gland</p> <p><b>Skills Lab Class</b></p> <p>17. Basic suturing (I)</p> |
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|  |   |                         |         |                    |                    |                    |                    |                    | 18. Incision and drainage of superficial abscess (I)<br>19. Wound bandaging(I)<br>20. Wound Care(I)<br><br><b>Clinical Class</b><br>21. Examination of the right upper quadrant lump.<br>22. Case of bleeding pr<br>23. Examination of RIF lump<br>24. Examination of a scrotal swelling.<br>25. Examination of a breast swelling.<br>26. Examination of thyroid swelling<br>27. Examination of a pelvic mass.<br>28. |
|  | Dr. Musharraf Husain<br>MS<br>DMC - 51335 | Professor<br>29.11.2015 | Regular | Professor<br>HIMSR | Professor<br>HIMSR | Professor<br>HIMSR | Professor<br>HIMSR | Professor<br>HIMSR | 30/ year Lectures, small group teaching, seminar, clinical teaching,<br>1. management of disorders of adrenal gland<br><br>2. Describe the clinical features of Adrenal tumors.<br><br>3. Describe principles of investigation and  |

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|  |  |  |  |  |  |  |  |  | <p>management of Adrenal tumors.</p> <p>4. Describe the Planning and conduct of Surgical audit.</p> <p>5. Discuss the principles and steps of clinical research in General Surgery.</p> <p>6. Describe the etiology of disorders of adrenal gland.</p> <p>7. Clinical features and principles of management of disorders of adrenal gland.</p> <p><b>Clinical Class</b></p> <p>1. Examination of varicose veins</p> <p>2. Examination of an ulcer</p> <p>3. Examination of an epigastric lump.</p> <p>4. Examination of superficial swelling</p> <p>5. Examination of a inguinal hernia</p> <p>6. Examination of a acute abdomen</p> |
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|  | Dr. Divya Prasad MS<br>DMC - 58897 | Associate Professor<br>15.02.2021 | Contractual | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | 25-35 lectures/year<br><ol style="list-style-type: none"> <li>1. Describe pathophysiology, clinical features, Investigations and principles of management of ventral (except incisional) Hernias.</li> <li>2. Describe pathophysiology, clinical features, Investigations and principles of management of incisional Hernias.</li> <li>3. Describe Splenomegaly, hypersplenism and indications of splenectomy.</li> <li>4. Describe post-splenectomy sepsis, prophylaxis.</li> <li>5. Describe the clinical features, investigations and principles of management of bile duct injuries and biliary strictures.</li> <li>6. Describe the clinical features, investigations and principles of management of</li> </ol> |
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|  |  |  |  |  |  |  |  |  | <p>carcinoma of rectum and anal canal.</p> <p>7. Describe the etiology, clinical features, investigations and principles of management of perianal abscess and fistula in ano</p> <p>8. Describe the applied anatomy clinical features, investigations and principles of management of scrotal abscess and fournier's gangrene.</p> <p>9. Discuss the management of locally advanced and metastatic carcinoma breast.</p> <p>10. Approach to patient with Gynaecomastia</p> <p>11. Discuss various types of breast surgeries</p> <p>12. Counsel the patient and obtain informed consent for treatment of malignant conditions of the breast.</p> <p>13. Discuss clinical features, investigations and</p> |
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|  |  |  |  |  |  |  |  |  | <p>principles of management of choledocholithiasis</p> <p>14. Approach to a patient with bleeding per rectum</p> <p>15. Discuss the applied anatomy clinical features, investigations and principles of management of epididymo-orchitis and torsion testis</p> <p>16. Describe principles of providing post-operative pain relief and management of chronic pain.</p> <p>17. Describe etiopathogenesis of oral cancer symptoms and signs of oropharyngeal cancer</p> <p>18. Enumerate the appropriate investigations and discuss the principles of treatment</p> <p>19. Describe the applied anatomy and physiology of thyroid</p> <p>20. Describe the etiopathogenesis of thyroidal swellings</p> |
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|  |  |  |  |  |  |  |  |  | <p>21. Demonstrate and document the correct clinical examination of thyroid swellings and discuss the differential diagnosis and their management</p> <p>22. Describe the etiopathogenesis, clinical features and principles of management of benign breast disease including infections of the breast</p> <p>23. Describe the etiopathogenesis, clinical features, Investigations of carcinoma breast.</p> <p>24. Elaborate the principles of treatment of carcinoma breast.</p> <p>25. Describe the etiopathogenesis, clinical features, Investigations and principles of treatment of phylloid breast and paget's disease</p> <p>26. Describe Pathophysiology of shock, types of shock &amp; principles of resuscitation including fluid replacement and monitoring.</p> |
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|  |   |                                   |             |                              |                              |                              |                              |                              | <p>27. Counsel patients and family/ friends for blood transfusion and blood donation</p> <p><b>Skills Lab Class</b></p> <p>28. Basic suturing (I)</p> <p>29. Incision and drainage of superficial abscess (I)</p> <p>30. Wound bandaging(I)</p> <p>31. Wound Care(I)</p> <p><b>Clinical Class</b></p> <p>32. Examination of the right upper quadrant lump.</p> <p>33. Case of bleeding pr</p> <p>34. Examination of RIF lump</p> <p>35. Examination of a scrotal swelling.</p> <p>36. Examination of a breast swelling.</p> <p>37. Examination of thyroid swelling</p> <p>38. Examination of a pelvic mass.</p> <p>39. Examination of varicose veins</p> |
|  | Dr. Sachin Katyal<br>MS, M.Ch.<br>DMC - 903 | Associate Professor<br>10.02.2023 | Contractual | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Associate Professor<br>HIMSR | <p>25-30</p> <p>1. Describe clinical features, investigations and principles of</p>  |

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|  |  |  |  |  |  |  |  |  | <p>management of vasospastic disorders</p> <p>2. Describe the clinical features, investigations and principles of management of infective enteritis, Meckel's diverticulitis.</p> <p>3. Describe the clinical features, investigations and principles of management of Crohn's disease</p> <p>4. Describe the clinical features, investigations and principles of management of mesenteric ischemia &amp; short gut syndrome</p> <p>5. Describe stoma-indications, types, management complications.</p> <p>6. Describe applied anatomy including congenital anomalies of the rectum and anal canal</p> <p>7. Describe the etiology, clinical features, investigations and principles of</p> |
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|  |  |  |  |  |  |  |  |  | <p>management of rectal prolapse</p> <p>8. Describe the applied anatomy clinical features, investigations and principles of management of undescended testis.</p> <p>9. Describe the applied anatomy of small and large intestine</p> <p>10. Approach to a patient with acute abdomen</p> <p>11. Discuss anatomy, etiology, clinical features, investigations, differentials and principles of management of appendicitis and its complications.</p> <p>12. surgeries on upper urinary tract</p> <p>13. Discuss the applied anatomy, clinical features, investigations and principles of management of Hydrocele</p> <p>14. Define and describe the aetiology and pathogenesis of surgical Infections</p> |
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|  |  |  |  |  |  |  |  |  | <p>15. Describe the materials and methods used for surgical wound closure and anastomosis (sutures, knots and needles)</p> <p>16. Describe the materials and methods used for surgical wound closure and anastomosis (sutures, knots and needles)</p> <p>17. Describe the materials and methods used for surgical wound closure and anastomosis (sutures, knots and needles)</p> <p>18. Describe principles of Preoperative assessment.</p> <p>19. Communicate and counsel patients and families about the treatment and prognosis of shock demonstrating empathy and care</p> <p><b>SKILLS LAB</b></p> <p>20. Basic suturing(I)</p> <p>21. Incision and drainage of superficial abscess (I)</p> <p>22. Basic suturing</p> <p>23. Incision and drainage of superficial abscess (I)</p> |
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|  |  |                                   |             |   |   |   |                              |                              | <b>Clinical classes</b><br>24. Examination of undescended testis<br>25. Examination of an umbilical swelling<br>26. Examination of a case of hypospadias   |
|  | Dr. Fahad Tauheed<br>MS<br>DMC - 73697 | Associate Professor<br>01.04.2023 | Contractual | Assistant Professor.<br>SMS&R,<br>Sharda Univ.<br>Noida | Assistant Professor.<br>SMS&R,<br>Sharda Univ.<br>Noida | Assistant Professor.<br>SMS&R,<br>Sharda Univ.<br>Noida | Assistant Professor<br>HIMSR | Associate Professor<br>HIMSR | 30 to 35 / year<br>1. Describe the applied anatomy of parathyroid<br>2. Describe and discuss the clinical features of hypo - and hyperparathyroidism and the principles of their management<br>3. Describe the clinical features, investigations and principles of management of portal hypertension<br>4. Describe the applied anatomy of liver. Describe the clinical features, Investigations and principles of management of hydatid disease of the liver<br>5. Describe the clinical features, investigations and principles of |

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|  |  |  |  |  |  |  |  |  | <p>management of renal tumours</p> <p>6. Describe the etiology, clinical features, investigations and principles of management of bladder cancer</p> <p>7. Approach to a patient of hypo - and hyperparathyroidism.</p> <p>8. Discuss the clinical features, investigations and principles of management of liver abscess</p> <p>9. Discuss the clinical features, investigations and principles of management of Cholangiocarcinoma</p> <p>10. Approach to a patient with renal mass</p> <p>11. Describe surgical anatomy of the salivary glands, pathology, and clinical presentation of disorders of salivary glands</p> <p>12. Describe surgical anatomy of the salivary glands, pathology, and clinical presentation of</p> |
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|  |  |  |  |  |  |  |  |  | <p>disorders of salivary glands</p> <p>13. Enumerate the appropriate investigations and describe the principles of treatment of disorders of salivary glands</p> <p>14. Enumerate the appropriate investigations and describe the principles of treatment of disorders of salivary glands</p> <p>15. Enumerate the appropriate investigations and describe the principles of treatment of disorders of salivary glands</p> <p>16. Discuss the principles of general, regional, and local Anaesthesia.</p> <p>17. Describe the Indications and appropriate use of blood and blood products and complications of blood transfusion</p> <p><b>SKILLS LAB CLASS</b></p> <p>18. Basic suturing (I)</p> |
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|  |  |                     |             |                        |                           |                           |                           |                           | 19. Incision and drainage of superficial abscess (I)<br>20. Basic bandaging (I)<br>21. Basic wound care<br><br><b>Clinical Class</b><br>22. Examination of the right upper quadrant lump.<br>23. Case of bleeding pr<br>24. Examination of RIF lump<br>25. Examination of a scrotal swelling.<br>26. Examination of a breast swelling.<br>27. Examination of thyroid swelling<br>28. Examination of a pelvic mass.<br>29. Examination of varicose veins<br>30 Examination of a case of pain upper abdomen<br>31 examination of a case of pain right hypochondrium |
|  | Dr. Manzoor Ahmad<br>MS<br>DMC - 60271 | Associate Professor | Contractual | Senior Resident, HIMSR | Assistant Professor HIMSR | Assistant Professor HIMSR | Assistant Professor HIMSR | Assistant Professor HIMSR | 15-20<br><br>1. Describe the clinical features, investigations and principles of management of  |



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|  |  |  |  |  |  |  |  |  | <p>malignant disorders of Esophagus</p> <p>2. Describe the Clinical features, Investigations and principles of management of urinary tract infections</p> <p>3. Describe the applied anatomy of venous system of lower limb</p> <p>4. Describe pathophysiology, clinical features, Investigations and principles of management and prophylaxis of DVT</p> <p>5. Describe the clinical features, investigations and principles of management of splenic injuries</p> <p>6. Discuss the symptomatology and investigations of disorders of the urinary tract (1)</p> <p>7. Approach to a patient with haematuria</p> <p>8. Approach to a patient with inguinoscrotal swelling</p> <p>9. Demonstrate the techniques of asepsis and suturing in a</p> |
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|  |  |  |  |  |  |  |  |  | <p>simulated environment.</p> <p>10. Describe the pathogenesis, clinical features and management of various cutaneous and subcutaneous infections.</p> <p>11. Describe and demonstrate the clinical examination of surgical patient including swelling and order relevant investigation for diagnosis. Describe and discuss appropriate treatment plan</p> <p>12. Describe the clinical features, classification and principles of management of thyroid cancer</p> <p>13. Define and describe the aetiology and pathogenesis of surgical Infections</p> <p>14. Enumerate Prophylactic and therapeutic antibiotics. Plan appropriate management</p> <p><b>SKILLS LAB</b></p> |
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|  |                                   |                     |             |                       |                       |                           |                           |                           | 15.Incision and drainage of superficial abscess (I)<br>16.Early management of trauma (I) and trauma life support (D)<br><b>Clinical classes</b><br>17.Case of bleeding pr<br>18.Examination of RIF lump<br>19.Examination of a scrotal swelling.<br>20.Examination of a breast swelling.                                  |
|  | Dr. Tajamul Rashid MS DMC - 60077 | Assistant Professor | Contractual | Senior Resident HIMSR | Senior Resident HIMSR | Assistant Professor HIMSR | Assistant Professor HIMSR | Assistant Professor HIMSR | 20-30<br>1. Describe the principles of management of disorders of adrenal gland.<br>2. Describe the etiology and clinical features, principles of investigation and management of adrenal tumors.<br>3. Describe investigations, principles of management of Peptic ulcer disease and sequelae of peptic ulcer surgeries. |

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|  |  |  |  |  |  |  |  |  | <ol style="list-style-type: none"> <li>4. discuss the applied anatomy of adrenal glands, approach to a patient of pheochromocytoma</li> <li>5. Revise and discuss the applied anatomy of adrenal glands<br/>Approach to a patient of pheochromocytoma.</li> <li>6. Describe pathophysiology, clinical features, Investigations and principles of management of Inguinal Hernias</li> <li>7. Describe the applied anatomy and physiology and investigations of stomach.</li> <li>8. Discuss the approach to a patient with gastric outlet obstruction</li> <li>9. Discuss the etiology and clinical features of Peptic ulcer disease.</li> <li>10. Approach to a patient with haematemesis and melaena</li> <li>11. Approach to a patient with retention of urine</li> <li>12. Enumerate the causes and consequences of</li> </ol> |
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|  |  |  |  |  |  |  |  |  | <p>malnutrition in the surgical patient</p> <p>13. Describe and discuss the methods of estimation and replacement of the fluid and electrolyte requirements in the surgical patient</p> <p>14. Discuss the nutritional requirements of surgical patients, the methods of providing nutritional support and their complications</p> <p>15. Describe classification of hospital waste and appropriate methods of disposal.</p> <p>16. Describe the pathophysiology of chest injuries.</p> <p>17. Describe the clinical features and principles of management of chest injuries.</p> <p>18. Describe the principles of management of disorders of adrenal gland.</p> <p>19. Describe the etiology and clinical features, principles of investigation and management of adrenal tumors.</p> |
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|  |  |  |  |  |  |  |  |  | <p>20. Describe investigations, principles of management of Peptic ulcer disease and sequelae of peptic ulcer surgeries.</p> <p>21. Describe pathophysiology, clinical features, Investigations and principles of management of Inguinal Hernias</p> <p>22. Describe the applied anatomy and physiology and investigations of stomach.</p> <p>23. Describe basic concepts of perioperative care.</p> <p>Skills Lab Class</p> <p>24. Basic suturing (I)</p> <p>25. Early management of trauma (I) and trauma life support (D)</p> <p>26. Basic bandaging (I)</p> <p>27. Incision and drainage of superficial abscess (I)</p> <p>28. Wound Care(I)</p> <p><b>Clinical Class</b></p> <p><b>29. Hernia examination</b></p> |
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|  | Dr. Sheikh Viqar Manzoor MS DMC - 76060 | Assistant Professor | Contractual | Senior Resident, GMC, Srinagar | Senior Resident HIMSR | Assistant Professor HIMSR | Assistant Professor HIMSR | Assistant Professor HIMSR | 35-40<br>1. Describe the clinical features, principles of investigation, prognosis and management of pancreatic endocrine tumours.<br><br>2. Describe pathophysiology, clinical features, Investigations and principles of management of Varicose veins.<br><br>3. Describe pathophysiology, clinical features, investigations and principles of management of Lymph oedema, lymphangitis and Lymphomas.<br><br>4. Revise applied anatomy and describe the clinical features, investigations and principles of management of tumours of large intestine. |

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|  |  |  |  |  |  |  |  |  | <p>5. Describe the clinical features, investigations and principles of management of phimosis, paraphimosis and carcinoma penis.</p> <p>6. Approach to a patient with</p> <p>7. Dysphagia</p> <p>8. Corrosive injury of oesophagus and oesophageal perforation</p> <p>9. Approach to a patient with intestinal obstruction (1)</p> <p>10. Discuss various surgeries on large bowel</p> <p>11. Describe principles of Preoperative assessment.</p> <p>12. Minimally invasive General Surgery: Describe indications advantages and disadvantages of Minimally invasive General Surgery.</p> <p>13. Demonstrate the steps in Basic Life Support. Transport of injured patient in a</p> |
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|  |  |  |  |  |  |  |  |  | <p>simulated environment.</p> <p>14. Describe the Principles in management of mass casualties.</p> <p>15. Describe the applied anatomy of parathyroid.</p> <p>16. Describe and discuss the clinical features of hypo - and hyperparathyroidism and the principles of their management.</p> <p>17. Counsel patients and family/ friends for blood transfusion and blood donation.</p> <p><b>Skills Lab Class</b></p> <p>18. Early management of trauma (I) and trauma life support (D)</p> <p>19. Incision and drainage of superficial abscess (I)</p> <p>20. Basic suturing</p> <p>21. Basic bandaging</p> <p>22. Basic wound care</p> <p><b>Clinical Class</b></p> <p>23. Examination of the right upper quadrant lump.</p> <p>24. Case of bleeding pr</p> |
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|  |  |                     |             |   |   |   |   |                              | 25. Examination of RIF lump<br>26. Examination of a scrotal swelling.<br>27. Examination of a breast swelling.<br>28. Examination of thyroid swelling<br>29. Examination of a pelvic mass.<br>30. Examination of varicose veins<br>31. Examination of an ulcer<br>32. Examination of an epigastric lump.<br>33. Examination of superficial swelling<br>34. Examination of a inguinal hernia<br>35. Examination of a acute abdomen |
|  | Dr. Vijender Verma<br>MS<br>DMC - 6082 | Assistant Professor | Contractual | - | - | - | - | Assistant Professor<br>HIMSR | 20-25<br>1. Describe causes, clinical features, complications and principles of managment of peritonitis.<br>2. Describe the applied anatomy and investigations of the biliary system.<br>3. Describe the predispositions, clinical features, investigations and  |

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|  |  |  |  |  |  |  |  |  | <p>principles of management of carcinoma gall bladder.</p> <p>4. Describe the clinical features, investigations and principles of management of congenital anomalies of genitourinary system.</p> <p>5. Describe the etiology, clinical features, investigations and principles of management of carcinoma prostate.</p> <p>6. Describe the clinical features, investigations and principles of management of benign conditions of prostate.</p> <p>7. Discuss urogenital tuberculosis.</p> <p>8. Describe the applied anatomy clinical features, investigations and principles of management of varicocele</p> <p>9. Describe the applied anatomy and physiology of thyroid</p> |
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|  |                                 |                     |             |                                |                                |                                |   |                              | 10. Describe the etiopathogenesis of thyroidal swellings.<br>Skills Lab Class<br>11. Basic bandaging (I)<br>12. Basic suturing (I)<br>13. Basic wound care<br>Clinical Class<br>14. Examination of the right upper quadrant lump.<br>15. Case of bleeding pr<br>16. Examination of RIF lump<br>17. Examination of a scrotal swelling.<br>18. Examination of a breast swelling.<br>19. Examination of thyroid swelling<br>20. Examination of a pelvic mass. |
|  | Dr. Anwar Hussain<br>MS<br>8647 | Assistant Professor | Contractual | Senior Resident,<br>GMC, Jammu | Senior Resident,<br>GMC, Jammu | Senior Resident,<br>GMC, Jammu | - | Assistant Professor<br>HIMSR | 1. Describe pathophysiology, clinical features, investigations and principles of management of Intra-abdominal abscess, mesenteric cyst, and retroperitoneal tumors.<br>2. Describe the clinical features, investigations and principles of  |

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|  |  |  |  |  |  |  |  |  | <p>management of neoplasms of appendix.</p> <p>3. Describe clinical features, investigations and management of urethral strictures.</p> <p>4. Revision on</p> <p>a. Small and large intestine</p> <p>b. Anorectal disorders</p> <p>5. Discuss various surgeries on prostate gland</p> <p>6. Approach to a patient with trauma of lower urinary tract</p> <p>7. Describe Basic concepts of homeostasis, enumerate the metabolic changes in injury and their mediators.</p> <p>8. Describe Pathophysiology of shock, types of shock &amp; principles of resuscitation including fluid replacement and monitoring.</p> <p><b>Skills Lab Class</b></p> |
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|  |   |                     |             |                                      |                                      |                                      |                                      |                                      | 9. Incision and drainage of superficial abscess (I)<br>10. Basic suturing<br>11. Basic bandaging  |
|  | Dr. Yasir Iqbal Lone<br>MS<br>DMC - 80185 | Assistant Professor | Contractual | -                                    | -                                    | -                                    | Senior Resident.<br>GMC,<br>Srinagar | Assistant Professor<br>HIMSR         | Skills Lab Class<br>1. Basic suturing(I)<br>2. Wound bandaging(I)<br>Clinical class<br>3. Examination of a case of hematuria.<br>4. Examination of a case retention of urine.   |
|  | Dr. Bilal Yousuf Mir<br>MS<br>DMC - 55344 | Assistant Professor | Contractual | Senior Resident,<br>GMC,<br>Srinagar | Senior Resident,<br>GMC,<br>Srinagar | Senior Resident,<br>GMC,<br>Srinagar | Senior Resident, SSH,<br>Srinagar    | Senior Resident,<br>SSH,<br>Srinagar | Lectures, small group teaching, seminar, clinical teaching, 10 to 20 / year.<br><br><b>Lectures/SGD</b><br>1. Describe the clinical features and principles of investigation of pancreatic exocrine tumors<br>2. Discuss the prognosis and management of pancreatic exocrine tumours.<br>3. Describe the clinical features, principles of investigation of pancreatic endocrine tumors.<br>4. Discuss the prognosis and management of |

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|  |                                      |                     |             |   |   |                        |                        |                           | <p>pancreatic endocrine tumours.</p> <p>5. Describe the investigations and principles of treatment of occlusive arterial disease.</p> <p>6. Approach to a patient of carcinoma pancreas.</p> <p>7. Discuss various types of tumour syndromes of endocrine cells of pancreas.</p> <p>8. Revision of disorders of Pancreas.</p> <p>9. Discuss normal wound healing and factors affecting healing.</p> <p>10. Discuss history &amp; presentation in a patient with wounds.</p> <p><b>Skills Lab Classes</b><br/>Incision and drainage of superficial abscess (I)</p> |
|  | Dr. Sonali Ohri<br>MS<br>DMC - 99064 | Assistant Professor | Contractual | - | - | Senior Resident, HIMSR | Senior Resident, HIMSR | Assistant Professor HIMSR | <p>1. Describe the etiology and clinical features of thyroid malignancy</p> <p>2. Describe the clinical features and management of chronic pancreatitis</p>   |

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|  |                               |                     |             |   |   |                                  |                                |                                | 3. Describe applied anatomy of breast.<br>4. Approach to a patient with mastalgia and nipple discharge<br>5. Outline the role of surgery in the management of coronary heart disease, valvular heart diseases and congenital heart diseases<br>6. Discuss the clinical features of mediastinal diseases and the principles of management<br><b>Clinical Class</b><br>7. Examination of the right upper quadrant lump.<br>8. Case of bleeding pr<br>9. Examination of RIF lump<br>10. Examination of a scrotal swelling.<br>11. Examination of a breast swelling.<br>12. Examination of thyroid swelling<br>13. Examination of a pelvic mass. |
|  | Dr. Junaid Khurshid MS, M.Ch. | Assistant Professor | Contractual | - | - | Senior Resident, SKIMS, Srinagar | Senior Resident, GMS, Srinagar | Senior Resident, GMS, Srinagar | 1. Differentiate the various types of wounds, and plan   |



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|                     | DMC - 112243                           |                                |         |                 |                 |                 |                 |                 | management of wounds.<br><br><b>Skill Lab Class</b><br>2. Basic suturing<br>3. Basic bandaging<br>4. Basic wound care   |
| <b>Orthopaedics</b> | Dr. Sandeep Kumar<br>MS<br>DMC - 22196 | Professor & Head<br>01.03.2016 | Regular | Professor HIMSR | Professor HIMSR | Professor HIMSR | Professor HIMSR | Professor HIMSR | MBBS, Lectures 10<br><br>Small teaching group with topics Covered 11<br><br><ul style="list-style-type: none"> <li>• Benign bone tumors</li> <li>• Malignant bone tumors</li> <li>• Degenerative conditions of spine</li> <li>• Prolapsed Intervertebral disc</li> <li>• Examination of Shoulder</li> <li>• Pelvic fracture</li> <li>• T.B Spine</li> <li>• Acute Osteomyelitis</li> <li>• Chronic Osteomyelitis</li> <li>• compartment syndrome</li> <li>• Non – Union</li> </ul><br>PG teaching classes 7<br><ul style="list-style-type: none"> <li>• Dynamic hip screw</li> <li>• Neuromuscular exam in CP</li> <li>• Biomechanics of the hip</li> <li>• Paediatric flat feet</li> </ul> |

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|  |                                       |                         |         |                              |                              |                              |                    |                    | <ul style="list-style-type: none"> <li>• Ulnar Nerve Decompression &amp; Anterior Subcutaneous Transposition</li> </ul> <p>Congenital vertical talus</p>   |
|  | Dr. Javed Jameel<br>MS<br>DMC - 67119 | Professor<br>01.01.2022 | Regular | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | Professor<br>HIMSR | Professor<br>HIMSR | <p>MBBS, Lectures 5</p> <ul style="list-style-type: none"> <li>• mechanism of Injury, clinical features, investigations and plan management of shoulder dislocation</li> <li>• principles of management of fractures of both bones forearm and Galeazzi and Monteggia injury</li> <li>• Investigation and principles of management of Tuberculosis affecting major joints :Knee</li> <li>• mechanism of injury, clinical features, investigations and principles of management of spine injuries with emphasis on mobilisation of the patient</li> <li>• Demonstrate the ability to counsel patients regarding prognosis in patients with various orthopaedic illnesses</li> </ul> |

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|  |   |                         |             |  |   |   |   |                              | like a. fractures with disabilities<br>b. fractures that require prolonged bed stay<br>M.S 8 <ul style="list-style-type: none"> <li>• Chronic exertional Compartment Syndrome</li> <li>• STOPPA approach to pelvis</li> <li>• Bone model - Nailing in tibia</li> <li>• Poly trauma in children</li> <li>• Bone model: Valgus osteotomy in hip</li> <li>• Child with torticollis</li> </ul> |
|  | Dr. Owais Ahmed Qureshi<br>MS,<br>DMC - 46051 | Professor<br>01.01.2022 | Contractual | Associate Professor,<br>Rama Medical College,<br>Hapur | Associate Professor<br>HIMSR                | Associate Professor<br>HIMSR                | Professor<br>HIMSR                          | Professor<br>HIMSR           | 30 lectures ( PG)<br>MBBS Lectures -5<br>degenerative condition of the spine<br>Counselling of Orthopaedic patients<br>Congenital and acquired malformations   |
|  | Dr. Arti Dewan<br>MS                          | Associate Professor     | Contractual | Associate Professor<br>SGRDIMS&R , Amritsar            | Associate Professor<br>SGRDIMS&R , Amritsar | Associate Professor<br>SGRDIMS&R , Amritsar | Associate Professor<br>SGRDIMS&R , Amritsar | Associate Professor<br>HIMSR | MBBS, Lectures 2<br>M.S - 6 <ul style="list-style-type: none"> <li>• Patellar Tendon Repair</li> <li>• Cervical spine in trauma</li> <li>• Skeletal traction in lower limb</li> <li>• Tendon repair</li> <li>• Pedicle screw fixation in bone saw</li> </ul>   |

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|  | Dr. Siddhartha Sinha<br>MS<br>DMC - 57778 | Assistant Professor | Contractual | Senior Resident, LHMC, New Delhi | Senior Resident, LHMC, New Delhi | Assistant Professor HIMSR | Assistant Professor HIMSR | Assistant Professor HIMSR | <p><b>A) MBBS classes (TOTAL=6)</b></p> <ol style="list-style-type: none"> <li>"OR11.1a Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of peripheral nerve injuries in diseases like foot drop, wrist drop, claw hand, palsies of Radial, Ulnar, Median, Lateral Popliteal and Sciatic Nerves [ Part 1]"</li> <li>"OR 14.2 Demonstrate the ability to counsel patients to obtain consent for various orthopedic procedures like limb amputation, permanent fixations etc."</li> <li>OR1.2 Describe and discuss the aetiopathogenesis, clinical features, investigations, and principles of management of shock</li> </ol> |
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|  |  |  |  |  |  |  |  |  | <p>4. OR2.13 Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of fracture shaft of femur in all age groups.</p> <p>B) Post graduate teaching (MS Orthopaedics)<br/><b>(TOTAL CLASSES = 11)</b></p> <ol style="list-style-type: none"> <li>1. Approach to child with genu/tibia vara</li> <li>2. Approach to a child with DDH</li> <li>3. MRI shoulder - labral tears</li> <li>4. Traction pin insertion</li> <li>5. Application of external fixator - spanning knee</li> <li>6. U slab in humerus fractures</li> <li>7. Gallow's traction in a child</li> <li>8. Principles of fracture healing and implications for treatment.</li> <li>9. Bone model: Bone biopsy methods</li> <li>10. Ankle fracture fixation - lateral and posterior malleolus</li> </ol> |
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|  |  |                     |             |                               |                               |                               |                           |                           | 11. Seminar/Journal Club:<br>Denosumab in Giant Cell Tumor of Bone:<br>Current Status and Pitfalls.   |
|  | Dr. Irfan Andleeb Gul<br>MS<br>DMC - 51977 | Assistant Professor | Contractual | Senior Resident GMC, Srinagar | Senior Resident GMC, Srinagar | Senior Resident GMC, Srinagar | Assistant Professor HIMSR | Assistant Professor HIMSR | MBBS Lecture 07<br><br>Small teaching group:<br>MBBS: 20 <ul style="list-style-type: none"> <li>• management of open fractures</li> <li>• Acute Osteomyelitis</li> <li>• Chronic Osteomyelitis</li> <li>• Reading an X-ray</li> <li>• Examination of hip</li> <li>• Examination of Spine</li> <li>• Examination of Shoulder</li> <li>• Examination of Swelling</li> <li>• Fracture Distal end Radius</li> <li>• Treatment of femoral neck fracture</li> <li>• Management of intertrochanteric fractures</li> <li>• AVN HIP</li> <li>• Examination of radial nerve</li> <li>• Examination of ulnar nerve</li> <li>• Examination of median nerve</li> </ul> |

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|  |                                     |                     |             |                                 |                                 |   |                           |                           | <ul style="list-style-type: none"> <li>• Orthopaedic Instruments</li> <li>• Prosthesis</li> <li>• Orthopaedics Specimens</li> <li>• Traumatic Paraplegia</li> <li>• CTEV</li> <li>• Rickets MS: 12</li> <li>• Examination genu valgum</li> <li>• Osteotomy in genu varum</li> <li>• Osteotomy in cubitus varus</li> <li>• Osteotomy in cubitus valgus</li> <li>• Carpal tunnel syndrome</li> <li>• Case - T.B Spine</li> <li>• Case – Non – union fracture neck of femur</li> </ul> |
|  | Dr. Muzaffar Mushtaq MS DMC - 66631 | Assistant Professor | Contractual | Senior Resident SKIMS, Srinagar | Senior Resident SKIMS, Srinagar | - | Assistant Professor HIMSR | Assistant Professor HIMSR | Lecture: MBBS 9<br>Small teaching group: MBBS: 27 <ul style="list-style-type: none"> <li>• Fracture classification and management.</li> <li>• Shock in trauma.</li> <li>• ATLS – basics</li> <li>• Acute Osteomyelitis</li> <li>• Examination of knee</li> <li>• Examination of hip</li> <li>• Dislocations and subluxations</li> <li>• Distal radius fracture</li> <li>• Rickets</li> </ul>  |

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|  |  |  |  |  |  |  |  |  | <ul style="list-style-type: none"> <li>• Femoral neck and intertrochanteric fractures</li> <li>• Instruments and implants in orthopaedics</li> <li>• CTEV in a child</li> <li>• Septic arthritis – approach and management</li> <li>• Surgical fixation of fractures – methods and devices</li> <li>• Cubitus valgus</li> <li>• Hip examination – AVN</li> <li>• Common injuries in upper limb</li> <li>• Common injuries in lower limb</li> <li>• Approach to back ache and neurological examination</li> <li>• Non-union and malunion</li> <li>• Radiographs in orthopaedics</li> </ul> <p>MS Orthopaedics: 15</p> <ul style="list-style-type: none"> <li>• Osteoporosis</li> <li>• Biopsy principles</li> <li>• Principles of tendon transfer</li> <li>• Basics of knee arthroscopy</li> <li>• Pilon fractures</li> </ul> |
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|  |  |  |  |  |  |  |  |  | <ul style="list-style-type: none"> <li>• Case – TB hip</li> <li>• Proper usage of tourniquets in orthopaedics</li> <li>• Case – Cervical Myelopathy</li> <li>• Care of paraplegia</li> <li>• Multiple ligament injury of knee</li> <li>• Ankle fracture fixation - medial malleolus</li> <li>• Journal Club: The use of alendronate in the treatment of avascular necrosis of the femoral head</li> <li>• Blood supply, anatomy, and function of spinal cord</li> <li>• Biopsy a skin lesion</li> <li>• Journal Club: . Ectopic ossification following total hip replacement: incidence and a method of classification</li> <li>• Clavicle fracture - figure of 8 bandaging/bracing</li> <li>• Splints in hand surgery</li> <li>• Gunshot wounds- management</li> </ul> <p>Simulation: ATLS/Resus</p> |
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|                      | Dr Aakash Tomar<br>MS<br>DMC: 11665    | Assistant Professor,           | Contractual | Senior Resident, ABVIMS & RML Hospital, New Delhi, India | Senior Resident, ABVIMS & RML Hospital, New Delhi, India | Senior Resident, ABVIMS & RML Hospital, New Delhi, India | Assistant Professor, Orthopaedics, ESIC-PGIMSR, New Delhi, India | Fellowship in Trauma & Joint replacement Surgery, PD Hinduja Hospital, Mumbai, India | Lecture: MBBS 3<br>Small teaching group: MBBS: 3<br>MS:6   |
|                      | Dr. Shahrukh Khan<br>MS<br>DMC - 18434 | Assistant Professor            | Contractual | -  | Senior Resident MAMC, New Delhi.                         | Senior Resident MAMC, New Delhi.                         | Senior Resident MAMC, New Delhi.                                 | Senior Resident VMMC, New Delhi  | -  |
| <b>Ophthalmology</b> | Dr. Hina Kausar<br>MS<br>DMC - 32542   | Professor & Head<br>01.01.2022 | Regular     | Associate Professor HIMSR                                | Associate Professor HIMSR                                | Associate Professor HIMSR                                | Professor HIMSR  | Professor HIMSR  | ADNEXA , NEURO-OPHTHALMOLOGY, UVEAL TRACT, ORBIT, SQUINT, OPTIC NERVE, RETINA, GLAUCOMA, ANATOMY, LID AND LACRIMAL APPARATUS, RETINA |
|                      | Dr. Taskin Khan<br>MS<br>DMC - 78898   | Professor<br>15.01.2024        | Regular     | Assistant Professor HIMSR                                | Associate Professor HIMSR                                | Associate Professor HIMSR                                | Associate Professor HIMSR  | Associate Professor HIMSR  | LACRIMAL APPARATUS, UVEAL TRACT, TRAUMA, CONJUNCTIVA, REFRACTION, UVEITIS, EYELID, SCLERA, NBGP, NEUROPHTHAL, EPICLERA & SCLERA      |

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|            | Dr. Niharika Chaudhary<br>MS<br>DMC - 7977 | Associate Professor            | Contractual | Assistant Professor, VMMC, New Delhi. | Assistant Professor, VMMC, New Delhi.                 | Assistant Professor, VMMC, New Delhi.                 | Assistant Professor HIMSR                             | Assistant Professor HIMSR                   | CORNEA, GLAUCOMA, LENS,  |
|            | Dr. Monika Kapur<br>MS<br>DMC - 80714      | Assistant Professor            | Contractual | Senior Resident, HIMSR                | Senior Resident, HIMSR                                | SMS&R, Sharda, Noida                                  | Assistant Professor HIMSR                             | Assistant Professor HIMSR                   | REFRACTION, ANATOMY AND PHYSIOLOGY, VISION, RETINA, GLAUCOMA, TRAUMA   |
|            | Dr. Sugorab Das<br>MS<br>DMC - 85047       | Assistant Professor            | Contractual | Senior Resident, HIMSR                | Senior Resident, HIMSR                                | Senior Resident, HIMSR                                | Assistant Professor HIMSR                             | Assistant Professor HIMSR                   | PHYSIOLOGY, CONJUNCTIVA, EPICLERA & SCLERA   |
|            | Dr. Anwara Mammel<br>MS<br>DMC -           | Assistant Professor            | Contractual | Senior Resident, VMMC, New Delhi.     | Senior Resident, ABVIMS & Dr. RML Hospital, New Delhi | Senior Resident, ABVIMS & Dr. RML Hospital, New Delhi | Senior Resident, ABVIMS & Dr. RML Hospital, New Delhi | Consultant, Goyal eye Institute, New Delhi. | -  |
| <b>ENT</b> | Dr. Seema Monga<br>MS<br>DMC - 1923        | Professor & Head<br>20.11.2022 | Regular     | Associate Professor HIMSR             | Associate Professor HIMSR                             | Associate Professor HIMSR                             | Associate Professor HIMSR                             | Professor HIMSR                             | Lecture= 15 Hours<br>Small teaching group<br>lecture=16 Hours<br><br>Chronic suppurative otitis media.<br><br>Secretory otitis media & otosclerosis.<br><br>History taking & examination of throat.<br><br>Vertigo & tinnitus-<br>diagnosis & MGMT |

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|  | Dr. Arun P. Sharma<br>MS<br>DMC - 36399 | Associate Professor<br>01.01.2022 | Contractual | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | Lecture= 15 Hours<br>Small teaching group<br>lecture=16 Hours<br><br>History taking & examination of the Neck.<br><br>Abscesses around pharynx.<br><br>Dns, acute & chronic sinusitis.<br><br>Instruments and operations-1. |
|  | Dr. Shahid Rasool<br>MS<br>DMC - 72739  | Assistant Professor               | Contractual | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Lecture= 15 Hours<br>Small teaching group<br>lecture=16 Hours<br><br>History taking & examination of the neck.<br><br>Epistaxis –diagnosis & mgmt.<br><br>Acute suppurative otitis media.<br><br>Tumours of nose & PNS.     |
|  | Dr. Deepti Agarwal<br>Ms<br>DMC - 53349 | Assistant Professor               | Contractual | Senior Resident<br>HIMSR     | Senior Resident<br>HIMSR     | Senior Resident<br>HIMSR     | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Lecture= 14 Hours<br>Small teaching group<br>lecture=16 Hours<br><br>History Taking & Examination of Ear  |

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|  |   |                     |             |  |                                    |                                    |                                    |                              | Benign Lesions Of The Larynx.<br><br>Vocal Cord Paralysis-Diagnosis & MGMT.<br><br>Cards (Short Cases)-1  |
|  | Dr. Shilpam Sharma<br>MS<br>DMC - 80206 | Assistant Professor | Contractual | Senior Resident<br>VMMC, New Delhi     | Senior Resident<br>VMMC, New Delhi | Senior Resident<br>VMMC, New Delhi | Assistant Professor<br>HIMSR       | Assistant Professor<br>HIMSR | Lecture= 14 Hours<br>Small teaching group<br>lecture=16 Hours<br><br>Acute & chronic tonsillitis<br><br>Recent advances in ENT-HNS<br><br>Instruments and operations-2<br><br>Cards (short cases)-2 |
|  | Dr. Raphella Khan<br>MS<br>DMC - 7949   | Assistant Professor | Contractual | Senior Resident,<br>Dr. DY Patil, Pune | Senior Resident<br>SKIMS, Srinagar | Senior Resident<br>SKIMS, Srinagar | Senior Resident<br>SKIMS, Srinagar | Assistant Professor<br>HIMSR | Lecture= 7 Hours<br>Small teaching group<br>lecture=16 Hours<br><br>Imaging in ent-1<br><br>Fungal infections in ENT-HNS<br><br>CSOM<br><br>Allergic rhinitis                                       |

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| <b>Obst. &amp; Gynae.</b> | Dr. Aruna Nigam<br>MS<br>DMC - 35382 | Professor & Head<br>31.08.2016 | Regular | Professor HIMSR | Professor HIMSR | Professor HIMSR | Professor HIMSR | Professor HIMSR | OG 8.1, 8.2, 8.7 Antenatal care<br>OG 33.1 D/D of postcostal bleeding and m/g of Ca Post crital<br>OG 13.1 (2) Conduct of labour and management of third stage of labour<br>OG 2.1 Anatomy/ Blood supply/ Symphatic dranaige of pelvis organs ( Clinical aspect)<br>OG 12.2 Anemia- Etiology ( diagnosis and m/g of Iron Deficiency and megaloblastic anemia<br>OG 25.1 (1) Primary Amenorrhea<br>OG 12.1 Pre Eclampsia & Eclampsia<br>OG 28.1, 28.2 Infertility<br>OG 14.1 Dummy Pelvis<br>OG 16.1- PPH<br>OG 12.2- Anemia in Pregnancy<br>OG 14.2 Obstructed labour<br>OG 12.1 Pre Eclampsia & Eclampsia<br>OG 24.1 Fibroid<br>OG 10.1 Antepartum Haemorrhage<br>OG 34.4 Major Gynae Surgeries ( Hysterectomy)<br>OG 29.1 D/D of suprapubic lump and mx at different ages. |
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|  | Dr. Arifa Anwar Elahi<br>DNB<br>DMC - 9154 | Professor<br>01.01.2022 | Regular | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | Professor<br>HIMSR | Professor<br>HIMSR | OG 34.2 Ovarian cancer (benigh)<br>OG- 13.(1) Intrapartum monitoring and partograph/ LCG<br>OG 10.1 Antepartum Haemorrhage<br>OG 24.1 D/D of AUB/ Menorrhagia<br>OG 25.1 (2) Secondary Amenorrhea<br>OG 35.1 Endometrial Biopsy ( Pathology)<br>OG 20.1- MTP act<br><br>OG 20.3- PCPNDT act<br><br>OG 9.3 Still Birth/Intrauterine death<br><br>OG 12.1- Pre Eclampsia/ Eclampsia<br><br>OG 14.4 Abnormal labour<br><br>OG 11.1 Multiple Pregnancy<br><br>OG 12.3 Diabetes Pregnancy |

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|  |   |                                   |         |                              |                              |                              |                              |                              | OG 28.3 Principal of ovulation induction + ART<br><br>OG 35.12 Minor Gynae surgeries<br><br>OG 34.2 (2) Ovarian Malignancy   |
|  | Dr. Sumedha Sharma<br>MS<br>DMC - 22903 | Associate Professor<br>01.01.2022 | Regular | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | OG 33.4 Screening methods of cervical CA<br>OG 8.8 USG in fetal monitoring and antepartum fetal surveillance<br>OG 34.2 Ovarian cancer (Malignant)<br>OG 16.2 Uterine Inversion<br>MCQ test ( 30 question, 15 gyane- 15 obs , 30 Marks<br>OG 12.3 Diabetes<br>OG 27.3 STD<br>OG 16.3 IUGR<br>OG 22.2. Vaginal discharge<br>OG 35.12 Paps Smear ( Pathology<br>OG 19.1- Abortions with septic abortion<br>OG 12.8 Rh neg Pregnancy<br>OG 8.8 Anencephaly/ Hydrocephalus |



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|  |  |                                      |             |                                 |                                 |                                 |                                 |                                 | OG 9.5/ OG 9.4-<br>Hyperemesis/ Molar<br>OG 12.3 – Diabetes in<br>Pregnancy<br>OG 14.3 Rupture Uterus<br>OG 31.1- Prolapse<br>OG 34.4 Examination of a<br>sexual assault patient and<br>management<br>OG 34.4 Sexual Assault<br>victim OG 34.1 Benign<br>ovarian tumours  |
|  | Dr. Nidhi<br>Gupta<br>MS<br>DMC -<br>50193 | Associate<br>Professor<br>01.01.2022 | Contractual | Assistant<br>Professor<br>HIMSR | Assistant<br>Professor<br>HIMSR | Assistant<br>Professor<br>HIMSR | Associate<br>Professor<br>HIMSR | Associate<br>Professor<br>HIMSR | OG 33.2 Management of<br>Pre-malignant lesion<br>OG 5.1 Preconception<br>counselling<br>OG 32.1 Menopause &<br>HRT<br>OG 23.2/ 23.3 Abnormal<br>puberty<br>OG 9.3 D/D of lower abd<br>pain in early pregnancy<br>and management of<br>ectopic pregnancy<br>OG 12.1- Eclampsia<br>OG 26.2 D/D of adnexal<br>mass with man of to mass<br>OG 13.2(2) Post dated<br>pregnancy/ Induction of<br>labour<br>OG 27.4 PID<br>OG 15.1 Episiotomy &<br>Maternal injuries<br>OG 14.4 Face, brow<br>presentation cord<br>prolapse/ Trlie |

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|  |                                |                                   |             |                              |                              |                              |                              |                              | OG 19.1- Puerperium<br>OG 12.7 HIV in pregnancy<br>OG 12.2 Anemia- Etiology ( diagnosis and mx of Iron deficiency and megaloblastic anemia<br>OG 14.4 Occipito post<br>OG. 33.4 Screeing of CA cervix<br>OG 23.1 Menstruation Ovulation ( Physiology)<br>OG 34.4 Drugs & Hormone therapy<br>OG 32.1 Menopause & HRT  |
|  | Dr. Arpita De MS<br>DMC - 1820 | Associate Professor<br>18.08.2022 | Contractual | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | OG 34.1 Endometrial cancer and D/D of pm bleeding<br>OG 16.1 Postpartum Haemorrhage<br>OG 10.2 Blood transfusion and blood products<br>OG 23.1 Puberty & menstruation<br>OG 9.2 D/D of early pregnancy & management of abortion including Septic abortion<br>OG 12.4 Heart disease in pregnancy<br>OG 26.1 Approach to case of dysmenorrhea and m/g of endometriosis |

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|  |                                    |                     |             |                        |                        |                                   |                           |                           | OG 27.2 Genital tuberculosis<br>OGPartograph/ LCG<br>OG 22.2 Infection Prevention ( Micro)<br>OG 15.1 Occipitp Post<br>OG 8.1, 8.2, 8.7- ANC care<br>OG 11.1 Multiple pregnancy<br>OG 13.1 Obstetrics analgesia and anaesthesia<br>OG 27.1/ 27.2/ 27.4 - STD/PID/TB<br>OG 15.2 LSCS<br>OG 12.1 Abnormal Placentation ( Anatomy)<br>OG 31.1 D/D of Something coming out of vagina and mx of UV prolapse<br>OG 34.4 Radiotherapy/ Chemotherapy/ Immunotherapy in Gynae |
|  | Dr. Dina Aisha Khan MS DMC - 67445 | Assistant Professor | Contractual | Senior Resident, HIMSR | Senior Resident, HIMSR | Senior Resident, LHMC, New Delhi. | Assistant Professor HIMSR | Assistant Professor HIMSR | OG 3.1 Physiology of Menstruation, ovulation, fertilization and Implantation<br>OG 17.1 ,17.3 – Lactation<br>OG 22.1 Physiological discharge<br>OG 23.1 Puberty<br>OG 19.1 Puerperium Normal<br>OG 1.2 Perinatal Mortality/ Neonatal   |

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|  |   |                     |             |  |  |                            |                           |                           | Mortality/ Maternal Mortality<br>OG 21.1 Inj/ Implants rings<br>OG 34.4 Oxytocic Drugs ( Pharmacology)<br>OG 21.1 Postpartum Contraception<br>OG 19.& OG 21 Contraception (2)   |
|  | Dr. Asma Bashir Khanday<br>DNB<br>DMC - 98120 | Assistant Professor | Contractual | Senior Resident, Govt. Medical College, Srinagar | Senior Resident, Govt. Medical College, Srinagar | Senior Resident, HIMSR     | Assistant Professor HIMSR | Assistant Professor HIMSR | OG 7.1 Physiological changes of pregnancy<br>OG 14.1 Maternal pelvis and fetal skull<br>OG 18.1, 18.3,18.4 Care of Newborn<br>OG 22.2 Pathological discharge and Syndromic management<br>OG 21.1 Permanent ( male) Methods<br>OG 10.2 Blood Products ( Pathology)<br>OG 10.1- APH<br>OG 16.3 Amniotic fluid disorders<br>OG 8.2 Immunization in pregnancy (PSM<br>OG 24.1 Fibroid<br>OG 13.2.1 Bili acid metabolism ( Biochemistry)<br>OG 19& OG 21 Contraception (1) |
|  | Dr. Supriya Chaubey MS,                       | Assistant Professor | Contractual | Senior Resident,                                 | Research Officer,                                | Assistant Professor, SMC & | Assistant Professor HIMSR | Assistant Professor HIMSR | 24, 12<br>OG 4.1Fetus and Placenta  |

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|  | DMC - 53619                           |                     |             | UCMS, New Delhi.                  | VMMC, New Delhi.                  | Hospital, Ghaziabad               |                           |                           | OG 13.1 (A) Physiology and mechanism of labour<br>OG 13.1 (C) Conduct of labour and management of 3rd stage of labour<br>OG 21.3 Contraception 3<br>OG 14.1 Maternal pelvic & Fetal skull<br>OG 23.2/23.3 Abnormal puberty<br>OG 21.1 Oral Hormonal<br>OG 14.2 Normal Labour<br>OG 16.1 Third stage mx & Retained placenta,<br>OG 16.3 Case Seminar<br>FGR, OG. 22.2.1 Occipito Post<br><br>OG 33.4- Screening Ca Cervix<br><br>OG 1.2 National Programmes (PSM) |
|  | Dr. Pratibha Roy<br>MD<br>DMC - 12039 | Assistant Professor | Contractual | Senior Resident, LHMC, New Delhi. | Senior Resident, LHMC, New Delhi. | Senior Resident, LHMC, New Delhi. | Assistant Professor HIMSR | Assistant Professor HIMSR | OG 13.1 (B) Monitoring of labour and partogram/ LCG<br>OG 8.1, 8.2 Antenatal care<br>OG 19.1 Puerperium<br>OG 21.2 Contraception 2<br>OG 18.1, 18.2/ 18.4 Newborn care<br>OG 21.1 IUCD   |

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|  |                                       |                     |             |  |  |  |  |  | OG 21.1- Permanent female methods<br>OG 12.6 Case Seminar IHCP<br>OG 22.2 Vag D/S ( Micro)<br>OG 10.3 Instrumental delivery<br>OG 19.1 Case presentation IUGR<br>OG 15.1 Case- Prev LSCS  |
|  | Dr. Garima Maan<br>MS,<br>DMC - 18084 | Assistant Professor | Contractual |  |  |  |  |  | 14, 12<br>OG 6.1 Diagnosis of pregnancy<br>OG 8.7,8.8 Antenatal care cont<br>OG 13.1 (B) Monitoring of labour and partogram/ LCG<br>OG 21.1 Contraception1<br>OG 21.1- Natural & Barrier<br>OG 34.4 Hormones in Gynaecology ( Pharmacology)<br>OG 15.1 Breech<br>OG 13.2 Case Seminar PROM/ PTLPS<br>OG 10.2 Iron ( oral & inj) ( Pharmacology)<br>OG 8.8 USG/HSG in obstetrics and Gynae<br>OG 8.1 Case presentation (ANC) |

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|                    |  |                     |             |                    |                    |                    |                    |                    | OG 13.2 (2) Case presentation Post-dated/ IOL preg  |
| <b>Anaesthesia</b> | Dr. Kharat<br>Mohd. Batt<br>MD<br>DMC -<br>79516 | Professor &<br>Head | Contractual | Professor<br>HIMSR | Professor<br>HIMSR | Professor<br>HIMSR | Professor<br>HIMSR | Professor<br>HIMSR | <p>Describe the evolution of Anaesthesiology as a modern specialty</p> <p>Describe the roles of Anaesthesiologist in the medical profession (including as a peri-operative physician, in the intensive care and high dependency units, in the management of acute and chronic pain, including labour analgesia, in the resuscitation of acutely ill)</p> <p>Describe the prospects of Anaesthesiology as a career</p> <p>Describe the evolution of Anaesthesiology as a modern specialty</p> <p>Describe the roles of Anaesthesiologist in the medical profession (including as a peri-operative physician, in the intensive care and high dependency units, in the management of acute and chronic pain, including labour analgesia, in the resuscitation of acutely ill)</p> <p>Describe the prospects of Anaesthesiology as a career</p> |

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|  | Dr. Jyotsna<br>Agarwal<br>MD<br>DMC - 3282 | Professor<br>12.10.2022 | Contractual | Associate<br>Professor<br>HIMSR | Associate<br>Professor<br>HIMSR | Associate<br>Professor<br>HIMSR | Associate<br>Professor<br>HIMSR | Professor<br>HIMSR | <p>Induction agents: Intravenous and Inhalational</p> <p>Chronic pain management</p> <p>Enumerate and describe the principle of ethics as it relates to Anaesthesiology</p> <p>Enumerate and describe the principle of ethics as it relates to Anaesthesiology</p> <p>Describe the correlative anatomy of the brachial plexus, subarachnoid and epidural spaces</p> <p>Enumerate the indications for and describe the principles of regional anaesthesia (including spinal, epidural and combined)</p> <p>Observe and describe the principles and steps/ techniques involved in common blocks used in surgery (including brachial plexus blocks)</p> <p>Enumerate and describe the principle of ethics as it relates to Anaesthesiology</p> <p>Describe the correlative anatomy of the brachial plexus, subarachnoid and epidural spaces</p> <p>Enumerate the indications for and describe the principles of regional</p> |
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|  |   |                                   |         |                              |                              |                              |                              |                              | <p>anaesthesia (including spinal, epidural and combined)</p> <p>Observe and describe the principles and steps/ techniques involved in common blocks used in surgery (including brachial plexus blocks)</p> <p>Describe the pharmacology and use of drugs in the management of pain</p> <p>Describe the principles of pain management in palliative care</p> <p>Describe the principles of pain management in the terminally ill</p> |
|  | Dr. Pratibha Panjiar<br>DNB<br>DMC -<br>40774 | Associate Professor<br>15.02.2021 | Regular | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | <p>Regional Anaesthesia</p> <p>Spinal</p> <p>Epidural</p> <p>Local Anaesthetics</p> <p>Elicit, present and document an appropriate history including medication history in a patient undergoing Surgery as it pertains to a preoperative anaesthetic evaluation</p> <p>Demonstrate and document an appropriate clinical examination in a patient undergoing General Surgery</p>   |

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|  |  |                                   |             |                              |                              |                              |                              |                              | Establish intravenous access in a simulated environment<br>Establish central venous access in a simulated environment  |
|  | Dr. Samiksha Khanooja<br>MD<br>DMC - 76882 | Associate Professor<br>15.02.2021 | Contractual | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | Neuromuscular blockage & its reversal<br>Intravenous fluid management in perioperative period<br><b>Introduction to peripheral nerve blocks</b><br>Basics of mechanical ventilation<br>Scope of Anaesthesia & carrier prospectus post anaesthesia degree<br>Describe the principles of preoperative evaluation<br>Observe and describe the principles and the practical aspects of induction and maintenance of anesthesia<br>Observe and describe the principles and the steps/techniques in maintenance of vital organ functions in patients undergoing surgical procedures<br>Describe the principles of preoperative evaluation<br>Describe the anatomical correlates and physiologic principles of pain<br>Elicit and determine the level, quality and quantity |

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|  |   |                     |             |                                     |                                     |                                     |                                     |                              | of pain and its tolerance in patient or surrogate  |
|  | Dr. Abraq Asma Riyaz<br>MD<br>DMC - 108194    | Associate Professor | Contractual | Assistant Professor<br>GMC Srinagar | Assistant Professor<br>GMC Srinagar | Assistant Professor<br>GMC Srinagar | Assistant Professor<br>GMC Srinagar | Associate Professor<br>HIMSR | Observe and describe the principles and the steps/ techniques involved in day care anesthesia<br>Observe and describe the principles and the steps/ techniques involved in anaesthesia outside the operating room<br>Describe the principles of fluid therapy in the preoperative period   |
|  | Dr. Tahir Ahamad Masoodi<br>MD<br>DMC - 56486 | Assistant Professor | Contractual | Senior Resident<br>GMC,<br>Srinagar | Senior Resident<br>GMC,<br>Srinagar | Senior Resident<br>HIMSR            | Assistant Professor<br>HIMSR        | Assistant Professor<br>HIMSR | Anatomy of Airway & Principles of General Anaesthesia<br>Oxygen therapy<br>Routine care & monitoring in ICU<br><b>Invasive monitoring</b><br>Describe and discuss the pharmacology of drugs used in induction and maintenance of general anaesthesia (including intravenous and inhalation induction agents, opiate and non-opiate analgesics, depolarising and non-depolarising muscle relaxants, anticholinesterases)<br>Observe and describe the principles and steps/ techniques involved in |

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|  |  |  |  |  |  |  |  |  | <p>caudal epidural in adults and children</p> <p>Choose and interpret appropriate testing for patients undergoing Surgery</p> <p>Determine the readiness for General Surgery in a patient based on the preoperative evaluation</p> <p>Choose and write a prescription for appropriate premedications for patients undergoing surgery</p> <p>Describe the principles of monitoring and resuscitation in the recovery room</p> <p>Observe and enumerate the contents of the crash cart and describe the equipment used in the recovery room</p> <p>Describe the common complications encountered by patients in the recovery room, their recognition and principles of management</p> <p>Enumerate the hazards of incorrect patient positioning</p> <p>Enumerate the hazards encountered in the perioperative period and</p> |
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|  |  |                     |             |                                      |                                      |   |                              |                              | <p>steps/techniques taken to prevent them</p> <p>Describe the role of communication in patient safety</p> <p>Define and describe common medical and medication errors in anaesthesia</p>  |
|  | Dr. Mahima Gupta<br>MD & DM<br>DMC - 70469 | Assistant Professor | Contractual | Senior Resident,<br>AIIMS, New Delhi | Senior Resident,<br>AIIMS, New Delhi | - | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | <p>Describe the principles of monitoring and resuscitation in the recovery room</p> <p>Observe and enumerate the contents of the crash cart and describe the equipment used in the recovery room</p> <p>Describe the common complications encountered by patients in the recovery room, their recognition and principles of management</p> <p>Describe the pharmacology and use of drugs in the management of pain</p> <p>Describe the principles of pain management in palliative care</p> <p>Describe the principles of pain management in the terminally ill</p> <p>Observe and describe the principles and steps/</p> |

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|                        |  |                     |             |                                  |                                  |                                      |                                      |                                  | techniques involved in peripheral nerve blocks<br>Visit, enumerate and describe the functions of an Intensive Care Unit<br>Enumerate and describe the criteria for admission and discharge of a patient to an ICU  |
|                        | Dr. Mansi Jain<br>MD<br>DMC - 80970      | Assistant Professor | Contractual | -                                | -                                | Assistant Professor, VMMC, New Delhi | Assistant Professor, VMMC, New Delhi | Assistant Professor HIMSR        | Observe and describe the principles and the steps/ techniques in monitoring patients during anaesthesia<br>Describe the anatomy of the airway and its implications for general anaesthesia<br>Observe and describe the principles and steps/ techniques involved in caudal epidural in adults and children |
|                        | Dr. Megha Wadhwani<br>MD<br>DMC - 75792  | Assistant Professor | Contractual | Senior Resident, VMMC, New Delhi | -                                | -                                    | -                                    | Assistant Professor HIMSR        | Observe and describe the pharmacology and correct use of commonly used drugs and adjuvant agents in regional anesthesia  |
|                        | Dr. Sheeba Siddiqui<br>MD<br>DMC - 16346 | Assistant Professor | Contractual | -                                | Senior Resident, UCMS, New Delhi | Senior Resident, LHMC, New Delhi     | Senior Resident, VMMC, New Delhi     | Senior Resident, VMMC, New Delhi | -  |
| <b>Radio-Diagnosis</b> | Dr. Abhinav Jain                         | Professor & Head    |             | Associate Professor HIMSR        | Professor HIMSR                  | Professor HIMSR                      | Professor HIMSR                      | Professor HIMSR                  | 12/YEAR  |

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|  | DNB<br>DMC - 2047 | 22.06.2020 |  |  |  |  |  |  | <ol style="list-style-type: none"> <li>1. Introduction to Radiology</li> <li>2. CT Physics-I</li> <li>3. Radiation Protection-II</li> <li>4. Basic CT interpretation</li> <li>5. Approach to skeletal trauma</li> <li>6. Artificial intelligence in radiology</li> <li>7. Scope of interventional radiology in musculoskeletal diseases</li> <li>8. 1st trimester and NT-NB scan</li> <li>9. Wilms's Tumor with latest updated neuroblastoma.</li> <li>10. Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective methods and interpret findings in common conditions pertaining to disorders in Obs &amp; Gynae (Part 1)</li> <li>11. Enumerate indications for various common radiological investigations, choose the most appropriate</li> </ol> |
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|  |   |           |             |                                       |                                       |                                       |                                       |                 | <p>and cost effective methods and interpret findings in common conditions pertaining to disorders in Surgery (Part 2)</p> <p>12. Described the role of Interventional Radiology in common clinical conditions</p>  |
|  | Dr. Sunil Kumar Bajaj<br>MD<br>DMC - 13467      | Professor | Contractual | Professor, VMMC, New Delhi            | Professor, VMMC, New Delhi            | Professor, VMMC, New Delhi            | Professor, VMMC, New Delhi            | Professor HIMSR | <p>8/ year</p> <ol style="list-style-type: none"> <li>1. X-ray Physics</li> <li>2. CT Physics-II</li> <li>3. Radiological aspect of Covid-19</li> <li>4. Basic MRI interpretation</li> <li>5. Approach to Bone lesions</li> <li>6. TIFFA Scan</li> <li>7. BIRADS lexicon Part 1</li> <li>8. Common pediatric bones pathology ARM + Hirschsprung</li> </ol> |
|  | Dr. Gurdeep Singh Sabhikhi<br>MD<br>DMC - 34983 | Professor | Contractual | Professor, SMS&R, Sharda Univ., Noida | Professor, SMS&R, Sharda Univ., Noida | Professor, SMS&R, Sharda Univ., Noida | Professor, SMS&R, Sharda Univ., Noida | Professor HIMSR | <p>8/ Year</p> <ol style="list-style-type: none"> <li>1. Digital X-ray</li> <li>2. MRI Physics-I</li> <li>3. Imaging in Acute Abdomen</li> <li>4. Intracranial lesions (infection)</li> </ol>  |



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|--|--------------------------------------|---------------------|-------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------------|---------------------------|---|
|  |                                      |                     |             |                                   |                                   |                                   |                           |                           | 5. Brief Introduction to recent advances<br>6. Obstetrics Doppler +IUGR<br>7. BIRADS illustrated cases Part II<br>8. Most common pediatric chest pathology (Including CDH, CPAM , sequestration in cystic fibrosis)                                     |
|  | Dr. Tany Chandra MD<br>DMC - 13899   | Assistant Professor | Contractual | Senior Resident, AIIMS, New Delhi | Senior Resident, AIIMS, New Delhi | Senior Resident, AIIMS, New Delhi | Assistant Professor HIMSR | Assistant Professor HIMSR | 7/Year<br>1. USG Physics<br>2. MRI Physics-II<br>3. Radiological aspects of Tuberculosis<br>4. Imaging in Abdominal trauma<br>5. Mullerian Anomalies<br>6. Pediatric leukodystrophies<br>7. Recent advances and role of IR in gynecology and obstetrics |
|  | Dr. Kriti Malhotra DNB<br>DMC - 6623 | Assistant Professor | Contractual | Senior Resident, HIMSR            | Senior Resident, HIMSR            | Senior Resident, HIMSR            | Assistant Professor HIMSR | Assistant Professor HIMSR | 8/YEAR<br>1. Chest X-ray Interpretation<br>2. Radiation Protection-I<br>3. Imaging in Pancreatitis<br>4. Emergency indications and utility of ultrasound<br>5. Locoregional therapies for treatment   |

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|  |                                       |                     |             |   |   |   |                        |                           | of HCC: special emphasis on interventional radiology<br>6. Ovarian Malignancy with special emphasis on ORADS<br>7. Pediatric Abdominal pathologies including hepatoblastoma & congenital biliary abnormalities<br>8. Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective methods and interpret findings in common conditions pertaining to disorders of ENT. |
|  | Dr. Subohi Khan<br>DNB<br>DMC - 94798 | Assistant Professor | Contractual | - | - | - | Senior Resident, HIMSR | Assistant Professor HIMSR | 3/year<br>1 Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective methods and interpret findings in common conditions pertaining to disorders in common malignancies (Part<br>2. Describe the components of PC &   |

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|                  |   |   |             |                              |                              |                              |                              |                              | <p>PNDT Act and its medico-legal implications</p> <p>3 Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective methods and interpret findings in common conditions pertaining to disorders in Surgery (Part1).</p>  |
| <b>Dentistry</b> | <p>Dr. Nilima Sharma</p> <p>MDS</p> <p>A – 2920</p> | <p>Professor &amp; Head</p> <p>01.01.2022</p> | Regular     | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | Professor<br>HIMSR           | Professor<br>HIMSR           | <p>Small Group Discussions:<br/>Core Competency Topic:</p> <ol style="list-style-type: none"> <li>1. Oral Cancer</li> <li>2. Edentulous State</li> </ol> <p>AETCOM<br/>Topic:</p> <ol style="list-style-type: none"> <li>1. Case studies in ethics empathy and the doctor patient relationship.</li> <li>2. Case studies in ethics and patient autonomy.</li> <li>3. Case studies in medico legal and ethical situation.</li> </ol> <p>Electives:<br/>Topic:<br/>Oral mucosal conditions and lesions with malignant potential.</p> |
|                  | <p>Dr. Akbar Naqvi</p> <p>MDS</p> <p>A-8255</p>     | <p>Associate Professor</p> <p>01.01.2022</p>  | Contractual | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Assistant Professor<br>HIMSR | Associate Professor<br>HIMSR | Associate Professor<br>HIMSR | <p>Small Group Discussion:<br/>Core Competency Topic:<br/>PERIODONTAL</p>  |

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|                                    |   |                     |             |  |  |  |                          |                              | DISEASE, Elective Teaching:<br>ORAL HYGIENE  |
|                                    | Dr. Chhavi Jain<br>MDS<br>A - 10435                 | Assistant Professor | Contractual | -  | -  | Senior Resident<br>HIMSR                       | Senior Resident<br>HIMSR | Assistant Professor<br>HIMSR | 1.ELECTIVE TEACHING IN 2023 OF BATCH 2019 (TOPIC- CARIOUS TOOTH/TEETH AS A FOCI OF INFECTION FOR ORAL SWELLINGS)<br>2.SMALL GROOUP DISCUSSION ON TOPIC “DENTAL CARIES”<br>3.SMALL GROUP DISCUSSION CORE COMPETENCY TOPIC “DENTAL MALOCCLUSION”   |
| Physical Medicine & Rehabilitation | Dr. Deorishi Tripathi<br>M.S (Ortho)<br>DMC – 11523 | Professor & Head    | Contractual | Professor ABVIMS & Dr. RML Hospital, New Delhi | Professor ABVIMS & Dr. RML Hospital, New Delhi | Professor ABVIMS & Dr. RML Hospital, New Delhi | Professor, HIMDR         | Professor, HIMDR             | 1. Demonstration of correct assessment of muscle strength & ROM<br>2. Identification of correct Prosthesis for common amputations<br>3. Demonstration of clinical examination of sensory & motor deficits of peripheral nerve<br>4. Demonstrating administration of intra – articular injection<br>5. Indication & identification of |

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|                    |   |                     |             |  |  |                                     |                               |                               | common mobility aids & appliances , wheelchairs  |
|                    | Dr. Vasundhara Saha<br>MD (PMR)<br>DMC-5000 | Assistant Professor | Contractual | Senior Resident,<br>ABVIMS &<br>Dr. RML<br>Hospital, New Delhi | Senior Resident,<br>ABVIMS &<br>Dr. RML<br>Hospital, New Delhi | -                                   | -                             | Assistant Professor,<br>HIMSR | <ol style="list-style-type: none"> <li>1. Demonstration of correct use of crutches in ambulation &amp; postures to correct contractures &amp; deformities</li> <li>2. Proper positioning , use of special chairs &amp; appliances</li> <li>3. Process Of transfer , application of collar restraints &amp; prevention of secondary injury in Spinal cord injury</li> <li>4. Demonstration of Spasticity ,Rigidity &amp; Dystonia in Patients with Cerebral Palsy</li> <li>5. Demonstration of Correct Neurological examination in a patient with Spinal cord injury &amp; determine neurologic level of injury.</li> </ol> |
| Emergency Medicine | Dr. Roshan Mathew<br>MD<br>DMC-11826        | Assistant Professor | Contractual | Senior Resident<br>AIIMS, New Delhi                            | Senior Resident<br>AIIMS, New Delhi                            | Senior Resident<br>AIIMS, New Delhi | Assistant Professor,<br>HIMSR | Assistant Professor,<br>HIMSR | -  |

### Publication details of last five years & details of coursework/Workshop on research methodology and medical education of faculty members

| S. No. | Faculty Name  | Publication in Vancouver referencing style.   | Indexing System.<br>Medline, Pubmed Central,<br>Science Citation Index,<br>Science Citation Index<br>Expanded, Embase, Scopus,<br>Directory of Open Access<br>Journals (DoAJ) | Details of BCBR<br>Course done / Date<br>of Completion | Details of Medical<br>Education Workshop<br>attended / Location /<br>Date i.e<br>(RBCW, AETCOM)   |
|--------|---|---|---|--|---|
| 1.     | Prof. Shalini Kumar<br><br>Department of<br>Anatomy | <p>1. Passey J, Rabbani P, Razdan SK, Kumar S, Kumar A. Variations of Median Nerve Formation in North Indian Population. Cureus. 2022 Jan 3;14(1):e20890. doi: 10.7759/cureus.20890. PMID: 35145795; PMCID: PMC8809111.</p> <p>2. Jigyasa Passey, Pareesa Rabbani, Shayama K. Razdan, Shalini Kumar, Arvind Kumar Variations of Median Nerve Formation in North Indian Population Cureus 2022 Jan;14(1): e20890. doi:10.7759/cureus.20890</p> <p>3. Kumar S. Early clinical exposure as perceived by Ist year MBBS students during online sessions- A necessity in Covid era. Journal of Education Technology in Health Sciences.2021;7(3):101-105</p> <p>4. Kumar S, Rana P, Razdan SK. Variations in gluteal region and its clinical significance-A cadaveric study. Indian J Clin Anat Physiol 2020;7(4):346-349</p> <p>5. Rana P, Razdan SK, Kumar S. Morphometric study of human placenta and an Insight into its vascular pattern by corrosion cast technique. Indian J Clin Anat Physio 2021;8(2):123-129</p> <p>6. Shalini Kumar*, Adil Asghar, Farah Kausar, Ashar Imam, Khalid Mehmood and Ram Prakash Insight of the Knot of Henry: A Case Report IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) e-ISSN: 2279-0853, p-ISSN: 2279-0861.Volume 9,</p> | <p>Pubmed</p> <p>Pubmed</p> <p>Index Copernicus</p> <p>Index Copernicus</p> <p>Index Copernicus</p> <p>Index Copernicus</p> <p>Scopus</p>                                     | March – June, 2020                                     | <p>1. Basic Course<br/>23<sup>rd</sup> – 25<sup>th</sup> July, 2013<br/>(MAMC)</p> <p>2. Revised Basic Course<br/><br/>13.10.2015 to<br/>15.10.2015 (MAMC)<br/>Advance Course 2018<br/>(CMC, Ludhiana )</p> |

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|----|--------------------|---|---|---------------------|--|
|    |                    | <p>Issue 1 (Jul.- Aug. 2013), PP 48-5</p> <p>7. Shalini Kumar, Ranjana Verma, R.D. Mehra An anomalous origin of accessory head of flexor digitorum profundus in forearm: A rare variant.; May 2016, Journal of the Anatomical Society of India, May 2016, DOI:10.1016/j.jasi.2016.04.001.</p> <p>8. Ranjana Verma, Shalini Kumar, R.D. Mehra, The anatomical perspective of human occipital condyle in relation to the hypoglossal canal, condylar canal, and jugular foramen and its surgical significance. Journal of craniovertebral junction and spine, October 2016 7(4):244; DOI:10.4103/0974-8237.193258.</p> <p>9. Shalini Kumar, Ranjana Verma, Arpita Mahajan Rai, Raj D Mehra Morphological and Morphometric Analysis of Hypoglossal Canal in North Indian Dry Skulls and It's Significance in Cranial Base Surgeries.; J Clin Diagn Res. 2017 Mar; 11(3): doi: 10.7860/JCDR/2017/24333.9365</p> <p>10. Ranjana Verma, Mansoor, S. Kumar Morphologic and morphometric analysis of human occipital condyle and its importance in craniovertebral surgeries.. Journal of the Anatomical Society of India Volume 65, Supplement 2, September 2016, Page S11. doi.org/10.1016/j.jasi.2016.08.041</p> <p>11. Arpita Mahajan, Ranjana Verma, Shalini Kumar, Raj D. Mehra Evaluation of osteologic parameters of jugular foramen and its significance with respect to expanded endoscopic endonasal approach. Eur J Anat, 21 (3): 225-233 (2017)</p> <p>12. Shalini Kumar, Musharraf Hussain Students' perception of vertical integration for topics of applied anatomy. .Journal of the Anatomical Society of India, 68(4):295-298(2019)</p> | <p>Pubmed</p> <p>Pubmed</p> <p>Scopus</p> <p>Scopus</p> <p>Scopus</p> |                     |  |
| 2. | Dr. Arpita Mahajan | 1. A cadaveric study of Radial artery and cephalic vein in Forearm and Hand: A Guideline for Radio-Cephalic Arteriovenous Fistula Planning Arpita   | DoAJ  | August-October 2020 | 1. Revised Basic Course<br>9 <sup>th</sup> -11 <sup>th</sup> July 2019 |

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|  | Department of Anatomy | <p>Mahajan, Sanskriti Shashank , P Muthukrshnan,Ranjana Verma,Shayama Kumari Razdan International Journal of Anatomy ,Radiology&amp; Surgery2022JulyVol-11(3) A001-A004</p> <p>2. Morphological and Morphometric Relations of Infraorbital foramen In North Indian Population by Mahajan A, verma ranjana ,Shayama.K.Razdan,S.K et al published in Cureus15(2):e34525.DOI10.7759/cureus.34525 Feb1,2023</p> <p>3. Variation in pulmonary Fissure : A source of collateral ventilation &amp; its clinical significance, Shayama Razdan, Arpita Mahajan, Asha Joshi, Ranjana Verma , pragatrisheel Mittal DOI: 10.7759/cureus.23121</p> <p>4. Mahajan A, Verma R, Shalini Kumar, Raj D. Mehra Evaluation of osteologic parameters of jugular foramen and its significance with respect to expanded endoscopic endonasal approach. Eur J Anat, 21 (3): 225-233 (2017)</p> <p>5. Verma R, Kumar S, Rai AM, Mehra RD, The anatomical perspective of human occipital condyle in relation to the hypoglossal canal, condylar canal, and jugular foramen and its surgical significance. Journal of craniovertebral junction and spine, October2016,7(4):243-249</p> <p>6. Kumar S, Verma R, Rai AM, Mehra RD. Morphological and Morphometric Analysis of Hypoglossal Canal in North Indian Dry Skulls and It's Significance in Cranial Base Surgeries. D Mehra; J Clin Diagn Res. 2017 Mar; 11(3): AC08–AC12. ISSN-0973-709X Mar</p> <p>7. Mahajan A, Patil s, Neelam Vasudeva. Myocardial Bridging: a study on the cadaveric hearts of the</p> | <p>Pubmed</p> <p>Pubmed</p> <p>Scopus</p> <p>Pubmed</p> <p>Index Copernicus</p> <p>Scopus, DoAJ</p> <p>Scopus</p> <p>Index Copernicus</p> |  |  |
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|    |  | <p>North Indian adult population. National Journal of Clinical Anatomy 2017; 06(02): 131-136.</p> <p>8. Mahajan A, Mishra S. Unusual presentation of spermatic cord cyst in an adult cadaver. Int J Anat Res 2013; 02:119- 20.</p> <p>9. Mahajan A, Patil S, Kakar S. Replaced right hepatic artery from superior mesenteric artery: A case report. OA Anatomy 2014 Jul 18;2(2):19.</p> <p>10. Patil S, Mahajan A, Kakar S. Surgical implications of aortoiliac tortuosity. OA Case Reports 2014 Jun 18;3(6):53</p> <p>11. Saha S, Mahajan A. An unilateral rare variant of plantaris muscle belly and its entrapment: a clinico – anatomical study. Int J Health Sci Res. 2015; 5(10):343-346.</p> <p>12. Mahajan A , Kakar S, Kaul JM, Mishra Sabita. Histological findings of testicular biopsy in North Indian population Int J Reprod Contracept Obstet Gynecol. 2015 Apr;4(2):432-438</p> | Index Copernicus   |                         |  |
| 3. | <p>Dr. Sabah Yaseen</p> <p>Department of Anatomy</p> | <p>1. Poonia D ,M.Jaiswal, H.Singh ,Yaseen S ,Mishra S Students perception Towards Online Teaching Of Human Anatomy: A Comprehensive Survey.Jr.Of Anatomical Sciences. 2022 June;30(1):01-07</p> <p>2. Yaseen S, Wadhwa S, Jeelani K, Mahajan A, Mishra S.Abnormal persistence of embryonic blood supply of liver: Anatomist's Delight, Surgeon's Nightmare. Acta Medica(Hradec Kralove) 2019; 62(2): 72-76</p> <p>3. Yaseen S, Hassan A, Afza R, Waghray N.Anatomical Variations of Practical Importance in the Medial Cord of Brachial Plexus. International Journal of Contemporary Medical Research 2016;3(5):1485-1488</p> <p>4. Yaseen S, Hassan A, Afza R .Anatomico Surgical Variations In Lateral Cord of Brachial Plexus.</p>   | <p>Index Copernicus</p> <p>Medline, Scopus, DOAL, Index Medicus</p> <p>Index medicus, Index Copernicus, Crossref</p> <p>Index Copernicus, crossref, Google Scholar</p> | September-December 2021 | 2. Revised Basic Course 24 <sup>th</sup> -26 <sup>th</sup> August 2021 |

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|  |  | <p>International Journal of Advance Research 2015;3(10):1441-1448</p> <p>5. Yaseen S, Imran M, Waghray N. A study of Pulmonary Vein Variations and Their Drainage Pattern into the Left Atrium. Medical Sciences 2014;5(18):81-86</p> <p>6. Yaseen S, Goswami P, Poonia D, Mishra S. Topography of nutrient foramen in human adult fibule and its clinical implication. International Journal of scientific research 2019;8(7):3-5</p> <p>7. Yaseen S, Waghray N, Ravinder M. Morphological and Topographical Study of Nutrient Foramina in Adult Humerii. International Journal of innovative research and development 2014;3(4):7-10.</p> <p>8. Hassan A, Yaseen S, Rashid M, Afza R, Kaur M, Javid M. Arnold-Chiari Malformation: Anatomical Variations and Latest Embryological Perspective. Review of Literature. International Journal of Contemporary Medical Research 2016;3(5):1489-1491</p> <p>9. Hassan A, Yaseen S. Range of Anatomical Variations in Brachial Plexus Formation and Branching Pattern in Adult Cadavers. Research &amp; Reviews: Journal of Surgery 2020;9(3):1-7</p> <p>10. Afza R, Hassan A, Yaseen S, Muzaffar. Microscopic Study of the Effect of Clomiphene Citrate on Prostate. International Journal of Contemporary Medical Research 2015;2(5):1205-07</p> <p>11. Poonia D, Mahajan A, Yaseen S, Mishra S. unusual formation of median nerve and occurrence of musculoaponeurotic band in the course of median nerve in arm: a clinicoanatomical study. International Journal of scientific research 2019;8(7):10-11</p> | <p>Index Copernicus, Google Scholar</p> <p>Google Scholar, Cite factor. Crossref</p> <p>Index Copernicus, Google Scholar</p> <p>Index medicus, index Copernicus, Google Scholar</p> <p>Index Copernicus, DRJI, Cite factor, Google Scholar</p> <p>Index medicus, Copernicus, Google Scholar</p> <p>Index medicus, Index Copernicus, Crossref</p> <p>Index Copernicus, Google Scholar, Crossref</p> <p>DOAJ</p> <p>Crossref, Google Scholar</p> <p>Index Copernicus, Crossref, Google Scholar</p> |  |  |
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|    |  | <p>12. Waghray N , Imran M, Yaseen S, Ravinder M.Paraduodenal Recess with Herniation - An Incidental Finding in Cadaveric Dissection: A Case Report. International Journal of Health and Rehabilitation sciences 2014;3(2):91-94</p> <p>13. Waghray N, Jyothi A Imran M, Yaseen S, Chaudhary U. Enthesis: A Brief Review. Apollo Medicine 2015;12:32-38</p> <p>14. Hamid S, Hassan A, Yaseen S, Rashid M, Afza R, Kaur M.Pattern of Finger-Prints in Different Blood Groups among First Year Medical students. Sch. J. App. Med. Sci. 2016;4(7):2575-2578.</p> <p>15. Sreekanth T, Salma M, Annapurna M, Yaseen S.A thyroid gland showing pyramidal lobe with levator Glandulae thyroidea. Journal of evolution of medical and dental sciences 2013;2(5):437-43</p> <p>16. Hamid S, Hassan A, Rashid M, Kaur M, Yaseen S, Afza R.Distribution of Fingerprint Patterns among First Year Medical Students in SKIMS medical college. Global Journal for research analysis 2016;5(4):8-9</p> | Index Medicus, Index Copernicus, Google Scholar |  |  |
| 4. | <p>Dr. Mohd Anas Khan</p> <p>Department of Anatomy</p> | <p>1. Mohd Anas Khan, Madhu Gupta, Siddharth Sharma, Sonia Kasaudhan: A comparative study of ultrasound assisted versus landmark technique for combined spinal-epidural anaesthesia in patients undergoing lower limb orthopaedic surgery. Indian J Anaesth 2022;66:272-7</p> <p>2. Chitrambika P, Madhu Gupta, Mohd Anas Khan: Comparative study of ultrasound assisted versus conventional surface landmark guided technique for combined spinal epidural anaesthesia in patients with increased body mass index and difficult surface anatomy of lower back and spinal deformity. Indian Journal of Clinical Anaesthesia 2022; 9(2):1-7</p>   | <p>Pubmed</p> <p>Scopus</p> <p>Pubmed</p>       |  |  |

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|    |  | 3. Sonia Kasaudhan, Madhu Gupta, Kriti Singh, Mohd Anas Khan: A comparison of intubating conditions for nasotracheal intubation with standard direct Macintosh laryngoscope versus C-MAC video laryngoscope employing cuff inflation technique in adult patients. 2021 Sep;65(Suppl 3): S104-S109  |   |  |  |
| 5. | Dr. Rizwana Farhat<br><br>Department of Anatomy      | 1. Farhat R, Sophia L, Mehta V. GROSS Anatomical Study Of Masseter Muscle In North Indian Adults .IJAR Volume - 11   Issue - 02   February - 2021   PRINT ISSN No. 2249 - 555X   DOI : 10.36106<br>2. Farhat R, Mehta V, Raizaday S, Suri RK, Mittal MK. Topographical and Radiological evaluation of Lateral Pterygoid muscle. J Anat Sci. 2020 Dec;28(2):40-48<br>3. Farhat R, Mehta V, Suri RK. Anatomical And Radiological Evaluation Of Medial Pterygoid Muscle. IJAR . Volume - 11   Issue - 01   January - 2021   P. RINTISSN No 2249 - 555X   DOI : 10.36106<br>4. Deepika, Mehta V, Raizaday S, Farhat R, Suri RK. Clinico-Anatomical Elucidation of Teres Minor Muscle. Med & Health Dec 2020;15(2): 3-8 | Index medicus, google scholar<br><br>Index Directory of Open Access Journals , Google Scholar<br><br>Index Medicus ,Google Sholar<br><br>Google Scholar |  |  |
| 6. | Prof. Md. Iqbal Alam<br><br>Department of Physiology | 1. Poonam Sangwan, Huma Quasimi, Jai Gopal Sharma, M A Habib, Md Iqbal Alam (2023) Role of oxidative stress and genetic polymorphism of MMP2 and TIMP2 in COPD (Chronic Obstr. Pulm. Disease 2023 Aug 3. doi: 10.15326/jcopdf.2022.0370. Online In press.)<br>2. Farzana Islam, Yasir Alvi , Mohammad Ahmad, Faheem Ahmed, Anisur Rahman , Farishta Hannah D. Singh, Ayan Kumar Das, Mridu Dudeja , Ekta Gupta, Rashmi Agarwalla, Iqbal Alam, Sushovan Roy, (2023) Household transmission dynamics of COVID-19 among residents of Delhi, India: a prospective case-ascertained study, IJID Regions, 7, 22-30   | Embase, Pubmed, Scopus  |  |  |

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| 10. | Dr. Bhawna Mattoo<br><br>Department of Physiology  | 1. <u>Introducing virtual classrooms for undergraduate physiology teaching during the COVID-19 pandemic: acceptance by students and subjective impact on learning</u> , Nasreen Akhtar, Aasheesh Kumar, Bhawna Mattoo, Kishore Kumar Deepak, and Renu Bhatia, Advances in Physiology Education 2023 47:3, 376-382<br>2. Mattoo, Bhawna; Sarda, Radhika1; Kumar, Arvind1,; Fatima, Kaleem2; Kaur, Ravneet3; Wig, Naveet1. Efficacy of Influenza-Like Illness Screening Outpatient Department for COVID-19 at a High-Volume Center: Unlocking Routine Outpatient Department. Journal of Public Health and Primary Care 3(2):p 40-43, May–Aug 2022.   DOI: 10.4103/jphpc.jphpc_35_21<br>3. Tanwar S, Mattoo B, Kumar U, Dada R, Bhatia R. Does human serotonin-1A receptor polymorphism (rs6295) code for pain and associated symptoms in fibromyalgia syndrome?. Reumatismo [Internet]. 2021 Apr.19 [cited 2021 Jul.15];73(1):24-1. | Pubmed<br>IC         |  |  |



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|  | Department of Pathology | <p>With Coronary Artery Disease. <i>European Journal of Cardiovascular Medicine</i>. 2023;13(2):604-19</p> <ol style="list-style-type: none"> <li>2. Khan S, Abeer I, Husain M, Jetley S. Cytological diagnosis of pilomatrixoma and its diagnostic pitfalls. <i>J Cytol</i> 2023;40:88-94.</li> <li>3. Iqbal Z, Rana S, Khetrpal S, Trisal M, Ahmed N, Jetley S, Jairajpuri ZS. Application of the Milan system for reporting salivary gland cytology and risk stratification by cytohistological correlation. <i>Acta Med Int</i> 2023;10:65-70.</li> <li>4. Khan S, Gupta A, Husain M, Mohroo R, Sehgal S, Jetley S. Benign breast cyst in a young male patient diagnosed on cytopathology: Report of a rare case. <i>MGM J Med Sci</i> 2023;10:355-8.</li> <li>5. Kataria A. Khan S, Sehgal S, Jetley S. Two interesting cases of a rare haemoglobin variant – Haemoglobin J Meerut with varied clinical presentations. <i>Hamdan Med J</i> 2023;16:124-6.</li> <li>6. Rana S, Walvir NM, Mohroo R, Khetrpal S, Jetley S, Jairajpuri ZS. Rare occurrence of two different intraspinal tumours at an unusual site: Ependymoma and Schwannoma. (Accepted for publication JK Science: Journal of medical education and research 2023;25(3))</li> <li>7. Rana S, Gupta A, Khetrpal S, Jairajpuri ZS, Jetley S, Nigam A. Ovarian endometriosis with borderline serous tumour, a rare occurrence. (Accepted for publication Archives of Medicine and health sciences)</li> <li>8. Gupta A, Khetrpal S, Rana S, Jetley S, Monga S, Jairajpuri ZS. Study of histochemical and immunohistochemical profile in grading of squamous cell carcinoma of the oral cavity.</li> </ol> | DOAJ, SCOPUS |  | <p>at HIMSR from 9 July to 12 July 2018 :<br/> 9-11 July – RBCW<br/> 12 July – AETCOM<br/> CISP On 1<sup>st</sup> to 3<sup>rd</sup> May 2019 at HIMSR</p> |
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| 21. | <p>Prof. Sabina Khan</p> <p>Department of Pathology</p> | <p>1. Khan S, Abeer I, Husain M, Jetley S. Cytological diagnosis of pilomatrixoma and its diagnostic pitfalls. <i>J Cytol</i> 2023;40:88-94.</p> <p>2. Alam S, Khan S, Jain V, Kapur P. Utility of hematological and biochemical parameters as a screening tool for assessing coronavirus disease 2019 infection and its severity. <i>J.of Microscopy and Ultrastructure</i> 2023; 1-4</p> <p>3. Khan S, Gupta A, Husain M, Mohroo R, Sehgal S, Jetley S. Benign breast cyst in a young male patient diagnosed on cytopathology: Report of a rare case. <i>MGM J Med Sci</i> 2023;10:355-8.</p> <p>4. Kataria A. Khan S, Sehgal S, Jetley S. Two interesting cases of a rare haemoglobin variant – Haemoglobin J Meerut with varied clinical presentations. <i>Hamdan Med J</i> 2023;16:124-6.</p> <p>5. Swarna Dabral, Imran Ahmd Khan, Tarun Pant, Sabina Khan, Prem Prakash, Suhel Parvez, and Nilanjan Saha. Deciphering the Precise Target for Saroglitazar Associated Antiangiogenic Effect: A Computational Synergistic Approach. <i>ACS Omega</i> 2023 8 (17), 14985-15002 DOI: 10.1021/acsomega.2c07570</p> <p>6. Mushtaq M, Qureshi O A, Dua A, Khan S, Mehraj M. Metallosis and Nonunion: A</p> | <p>PUBMED, SCOPUS<br/>DOAJ, EMBASE</p> | <p>BCBR Course in<br/>March to June 2020.</p> | <p>Revised Basic Course Workshop in Medical Education Technologies at MAMC, Regional center 22.09.2015 to 24.09.2015.<br/>CISP 1- 18.03.2019-20.03.2019 at MAMC, Regional center.<br/>CISP 2- 16.07.2020-17.07.2020 at MAMC, Regional center.<br/>ACME-2016 A Batch, CMC Ludhiana.</p> |

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|     |   | <p>Case Series and Literature Review. <i>Cureus</i> 15(2): e35385.DOI 10.7759/cureus.35385</p> <p>7. Singh P, Jain A, Monga S, Khan S. Elastography as an adjunctive tool to TIRADS in characterization of Thyroid Nodules with Cytological Correlation. <i>European Journal of Cardiovascular Medicine</i> 2023;13:1662-69</p> <p>8. Ahmad N, Khan S, Mohroo R, Jetley S. "Intrahepatic Biliary Cystadenoma with Mesenchymal(Ovarian) stroma in an elderly female : A rare entity (Accepted for publication on 18thmay 2023 in the Hamdan Medical journal. Hmj 39 23)</p>   |                     |                                    |   |
| 22. | <p>Prof. Zeeba S. Jairajpuri</p> <p>Department of Pathology</p> | <p>1. Jetley S, Jairajpuri ZS, Chakraborty S, Yadava OP, Dwivedi S. Study of the Saphenous Vein Graft In Diabetic And Non-Diabetic Patients With Coronary Artery Disease. <i>European Journal of Cardiovascular Medicine</i>. 2023;13(2):604-19</p> <p>2. Iqbal Z, Rana S, Khetrpal S, Trisal M, Ahmed N, Jetley S, Jairajpuri ZS. Application of the Milan system for reporting salivary gland cytology and risk stratification by cytohistological correlation. <i>Acta Med Int</i> 2023;10:65-70.</p> <p>3. Rana S, Walvir NM, Mohroo R, Khetrpal S, Jetley S, Jairajpuri ZS. Rare occurrence of two different intraspinal tumours at an unusual site: Ependymoma and Scwannoma. (Accepted for publication JK Science: Journal of medical education and research 2023;25(3))</p> <p>4. Rana S, Gupta A, Khetrpal S, Jairajpuri ZS, Jetley S, Nigam A. Ovarian endometriosis with borderline serous tumour, a rare occurrence.</p> | EMBASE, DOAJ SCOPUS | BCBR Course in March to June 2020. | <p>Basic Course Workshop in Medical Education Technologies at MAMC, Regional center 16 to 18 th April 2013 :</p> <p>Revised Basic Course Workshop in Medical Education Technologies at HIMSR from 9 July to 12 July 2018 :<br/>9-11 July – RBCW<br/>12 July – AETCOM<br/>CISP On 1<sup>st</sup> to 3<sup>rd</sup> May 2019 at HIMSR</p> |

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| 23. | <p>Prof. Safia Rana</p> <p>Department of Pathology</p>   | <p>1. Iqbal Z, Rana S, Khetrpal S, Trisal M, Ahmed N, Jetley S, Jairajpuri ZS. Application of the Milan system for reporting salivary gland cytology and risk stratification by cytohistological correlation. <i>Acta Med Int</i> 2023;10:65-70.</p> <p>2. Rana S, Walvir NM, Mohroo R, Khetrpal S, Jetley S, Jairajpuri ZS. Rare occurrence of two different intraspinal tumours at an unusual site: Ependymoma and Schwannoma. (Accepted for publication JK Science: Journal of medical education and research 2023;25(3))</p> <p>3. Rana S, Gupta A, Khetrpal S, Jairajpuri ZS, Jetley S, Nigam A. Ovarian endometriosis with borderline serous tumour, a rare occurrence. (Accepted for publication Archives of Medicine and health sciences)</p> <p>4. Gupta A, Khetrpal S, Rana S, Jetley S, Monga S, Jairajpuri ZS. Study of histochemical and immunohistochemical profile in grading of squamous cell carcinoma of the oral cavity. 2023.(Accepted for publication Archives of Medicine and health sciences)</p> | DOAJ, SCOPUS | BCBR Course in March to June 2020 | <p>Revised Basic Course Workshop in Medical Education Technologies at HIMSR from 9 July to 12 July 2018 :</p> <p>9-11 July – RBCW</p> <p>12 July – AETCOM</p> |
| 24. | <p>Dr. Shaan Khetrpal</p> <p>Department of Pathology</p> | <p>1. Rana S, Walvir NM, Mohroo R, Khetrpal S, Jetley S, Jairajpuri ZS. Rare occurrence of two different intraspinal tumours at an unusual site: Ependymoma and Schwannoma. (Accepted for publication JK Science: Journal of medical education and research 2023;25(3))</p>  | DOAJ         | BCBR Course in November 2021      | <p>Revised Basic Course Workshop in Medical Education Technologies at HIMSR from 14 to 17 october 2019 :</p>  |

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|     |  | <ol style="list-style-type: none"> <li>Rana S, Gupta A, Khetrpal S, Jairajpuri ZS, Jetley S, Nigam A. Ovarian endometriosis with borderline serous tumour, a rare occurrence. (Accepted for publication Archives of Medicine and health sciences)</li> <li>Gupta A, Khetrpal S, Rana S, Jetley S, Monga S, Jairajpuri ZS. Study of histochemical and immunohistochemical profile in grading of squamous cell carcinoma of the oral cavity. 2023.(Accepted for publication Archives of Medicine and health sciences)</li> <li>Bisht P, Khetrpal S, Sehgal S, Jetley S, Jain V. An unusual case of DRESS Syndrome presenting as marked leucocytosis. <i>Online journal of health and allied sciences</i> 2023;22(1):10.</li> <li>Iqbal Z, Rana S, Khetrpal S, Trisal M, Ahmed N, Jetley S, Jairajpuri ZS. Application of the Milan system for reporting salivary gland cytology and risk stratification by cytohistological correlation. <i>Acta Med Int</i> 2023;10:65-70.</li> </ol> |              |                                 | <p>14 to 16 october – RBCW</p> <p>17 october – AETCOM</p>  |
| 25. | Dr. Nehal Ahmad<br>Department of Pathology | <ol style="list-style-type: none"> <li>Ahmad N, Khan S, Mohroo R, Jetley S. “Intrahepatic Biliary Cystadenoma with Mesenchymal(Ovarian) stroma in an elderly female : A rare entity (Accepted for publication on 18thmay 2023 in the Hamdan Medical journal. Hmj_39_23)</li> <li>Iqbal Z, Rana S, Khetrpal S, Trisal M, Ahmed N,Jetley S, et al. Application of the milan system for reporting salivary gland cytology and risk stratification by cytohistological correlation. <i>Acta Med Int</i> 2023;10:65-70.</li> </ol>  | DOAJ<br>DOAJ | BCBR Course on 25September 2022 | <p>Revised Basic Course Workshop in Medical Education Technologies at HIMSR from 14 to 17 october 2019 :</p> <p>14 to 16 october – RBCW</p> <p>17 october – AETCOM</p> <p>CISP II ON 23-24 September 2020 at HIMSR</p> |
| 26. | Dr. Rubeena Mohroo                         | <ol style="list-style-type: none"> <li>Ahmad N, Khan S, Mohroo R, Jetley S. “Intrahepatic Biliary Cystadenoma with Mesenchymal(Ovarian) stroma in an elderly</li> </ol>  | DOAJ, SCOPUS | BCBR Course on December 2022    | Revised Basic Course Workshop in Medical Education Technologies  |

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|     | Department of Pathology                   | <p>female : A rare entity (Accepted for publication on 18thmay 2023 in the Hamdan Medical journal. Hmj_39_23)</p> <p>2. Rana S, Walvir NM, Mohroo R, Khetrapal S, Jetley S, Jairajpuri ZS. Rare occurrence of two different intraspinal tumours at an unusual site: Ependymoma and Scwannoma. (Accepted for publication JK Science: Journal of medical education and research 2023;25(3))</p> <p>3. Khan S, Gupta A, Husain M, Mohroo R, Sehgal S, Jetley S. Benign breast cyst in a young male patient diagnosed on cytopathology: Report of a rare case. <i>MGM J Med Sci</i> 2023;10:355-8.</p>   |                                  |                                    | at HIMSR from 6 to 8 <sup>th</sup> April 2021 : |
| 27. | Dr. Duree Aden<br>Department of Pathology | <p>1. Aden D,Zaheer, S, Kumar, R, Ranga, S. Monkeypox (Mpox) outbreak during COVID-19 pandemic—Past and the future. <i>J Med Virol.</i> 2023; 95:e28701.</p> <p>2. Adil Aziz Khan, Shaivy Malik, Sherrin Jacob, Aden D, Sana Ahuja, Sufian Zaheer, Sunil Ranga,Prognostic evaluation of cancer associated fibrosis and tumor budding in colorectal cancer. <i>Pathology – Research and Practice</i>,2023, 154587,ISSN 0344 0338,<a href="https://doi.org/10.1016/j.prp.2023.154587">https://doi.org/10.1016/j.prp.2023.154587</a></p> <p>3. Aden D, Saini A, Singh M, Zaheer S. Fibroadenoma vulva: Experience based on FNA of vulvar lesion. <i>CytoJournal</i> 2023;20:12</p> <p>4. Aden D, Zaheer S, Ahluwalia H, Ranga S. Cancer-associated fibroblasts: Is it a key to an intricate lock of tumorigenesis? [published online ahead of print, 2023 Mar 4]. <i>Cell Biol Int.</i> 2023;10.1002/cbin.12004. doi:10.1002/cbin.12004</p> <p>5. Aden D,Zaheer, B Swati, Y A Kumar ” Fetus in fetu versus well-differentiated sacrococcygeal teratoma: a pathological dilemma”.( Accepted for publication on 05.23 in Hamdan Medical Journal,)</p> | PUBMED, DOAJ<br>INDEX COPERNICUS | BCBR Course on 23<br>rd March 2022 |   |

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| 28. | Dr. Monal Trisal<br>Department of Pathology | <p>1. Dr Sarandeep Singh Puri, Dr Monal Trisal, Dr Jyoti Mishra , Dr Neema Tiwari, Dr AK Mandal, Dr Dalip Kakadu. Correlation of cytomorphology of exfoliated mucosal cells present in viral transport media of COVID 19 patients cases with biochemical and radiological findings. Eur. Chem. Bull. 2023,12(12), 2059-2068.</p> <p>2. Iqbal Z, Rana S, Khetrpal S, Trisal M, Ahmed N, Jetley S, et al. Application of the milan system for reporting salivary gland cytology and risk stratification by cytohistological correlation. Acta Med Int 2023;10:65-70.</p> <p>3. Puri SS, Mishra J, Trisal M, Mandal A.K, Dubey S.</p>   | DOAJ, SCOPUS | BCBR Course on November 2021 | Revised Basic Course Workshop in Medical Education Technologies at SMSR, Sharda universoty from December 2-4, 2021 |

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| 29. | Prof. Charoo Hans<br><br>Department of Microbiology | <p>1. Gupta P, Hans C, Rai A, Husain M. Analysis of <i>nef</i> gene from HIV-1 Infected Patients Presenting with Rapid and Delayed disease progression. <i>Sustainable Humanosphere</i>. 2020;16(1):p. 2172-95.</p> <p>2. Gupta P, Rai A, Hans C, Husain M. An Observational Study of Genetic Diversity of HIV-1 vpu in Rapid Progressors in India. <i>Current HIV Research</i>. 2023;21(2):p. 99-108.</p> <p>3. Gupta P, Sharma D, Hans C. Role of Bioinformatics in Identifying Potential Biomarkers of Cervical Cancer. <i>Open Access Journal of Microbiology and Biotechnology</i>. 2023;8(1):p. 1-8.</p>   | Pubmed | - | -   |
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| 31. | <p>Prof. Rachna Tewari</p> <p>Department of Microbiology</p> | <p>1. Amir Khan, Rachna Tewari, : Biofilm Producing Staphylococcus aureus: An Emerging Threat in Bloodstream Infections and Its Challenging Treatment Issues , Vol 5, 2024, issue 1. 10-17</p> <p>2. Amir Khan, Rachna Tewari, Neetusree ,MriduDudeja Biofilm production and its effects on virulence of MRSA: a study in tertiary care hospital, Delhi, IJCMPh. Vol 7, No 9 (2020)</p> <p>3. Khan A, Tewari R, Shree N. Mupirocin .resistant methicillin-resistant Staphylococcus aureus – Are these strains wrongly reported and treated? Int J Med Sci Public Health 2020;9(6):363-367.</p> <p>4. Maryam J. Ansari, Rachna Tewari and MriduDudeja. 2020. Methicillin Resistant Staphylococcus Epidermidis in Blood Samples– Can its Spread be Prevented in Hospitals?.Int.J.Curr.Microbiol.App.Sci. 9(09): <a href="https://doi.org/10.20546/ijemas.2020">https://doi.org/10.20546/ijemas.2020</a>. (accepted).</p> <p>5. Amir khan , Rachna Tewari Biofilm producing Staphylococcus aureus : An emerging threat in bloodstream infections and its challenging</p> | Pubmed Central<br>Scopus |  |  |

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