

**DEPARTMENT OF ANATOMY**

**LECTURES TAKEN**

Sr. No.	Name of the faculty	Designation	Number of lectures taken/year, Dec-2022 to Sep-23	Small teaching group with Topics covered
1.	Dr. Manjunath V.Motagi	Professor & Head	50	Pectoral region, Arm (front & back), Shoulder & upper back, Cubital fossa, Fore arm (front & back ), Palm, Shoulder Joint & Elbow Joint, Gluteal region, Thigh (front, medial & back ),Leg (front & back) foot, Hip Joint & Knee Joint, Scalp, Face & parotid gland, Neck, Thyroid gland, TMJ, Temporal & Infratemporal fossa, Cranial cavity, Dural Venous sinuses, Orbit, Nasal cavity, Oral cavity, Larynx Pharynx, Spinal cord, Brain stem, Cerebellum, Cerebrum, Ventricles of brain, Intercostal space, Pleura Heart, Lung, Mediastinum.
2.	Dr. Rupa Chhaparwal	Professor	30	Upper limb bones, lower limb bones, skull, mandible, ribs, sternum, vertebra Pectoral region, Arm (front & back), Shoulder & upper back, Cubital fossa, Fore arm (front & back), Palm, Shoulder Joint & Elbow Joint, Gluteal region, Thigh (front, medial & back ),Leg (front & back) foot, Hip Joint & Knee Joint, Scalp, Face & parotid gland, Neck, Thyroid gland, TMJ, Temporal & Infratemporal fossa, Cranial cavity, Dural Venous sinuses, Orbit, Nasal cavity, Oral cavity, Larynx Pharynx, Spinal cord, Brain stem, Cerebellum, Cerebrum, Ventricles of brain, Intercostal space, Pleura Heart, Lung, Mediastinum.
3.	Dr. Sonali Agichani	Professor	30	Upper limb bones, lower limb bones, skull, mandible, ribs, sternum, vertebra Pectoral region, Arm (front & back), Shoulder & upper back, Cubital fossa, Fore arm (front & back ),Palm, Shoulder Joint & Elbow Joint, Gluteal region, Thigh (front, medial & back), Leg (front & back) foot, Hip Joint & Knee Joint, Scalp, Face & parotid gland, Neck, Thyroid gland, TMJ, Temporal &



# Sri Aurobindo Institute of Medical Sciences

## Sri Aurobindo Medical College & P.G. Institute

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				Infratemporal fossa, Cranial cavity, Dural Venous sinuses, Orbit, Nasal cavity, Oral cavity, Larynx Pharynx, Spinal cord, Brain stem, Cerebellum, Cerebrum, Ventricles of brain, Intercostal space, Pleura Heart, Lung, Mediastinum.
4.	Dr. Namrata Valimbe	Professor	28	Upper limb bones, lower limb bones, skull, mandible, ribs, sternum, vertebra Pectoral region, Arm (front & back), Shoulder & upper back, Cubital fossa, Fore arm (front & back), Palm, Shoulder Joint & Elbow Joint, Gluteal region, Thigh (front, medial & back ),Leg (front & back) foot, Hip Joint & Knee Joint, Scalp, Face & parotid gland, Neck, Thyroid gland, TMJ, Temporal & Infratemporal fossa, Cranial cavity, Dural Venous sinuses, Orbit, Nasal cavity, Oral cavity, Larynx Pharynx, Spinal cord, Brain stem, Cerebellum, Cerebrum, Ventricles of brain, Intercostal space, Pleura Heart, Lung, Mediastinum.
5.	Dr. Bandita Medhi	Asso. Professor	28	Upper limb bones, lower limb bones, skull, mandible, ribs, sternum, vertebra Pectoral region, Arm (front & back), Shoulder & upper back, Cubital fossa, Fore arm (front & back), Palm, Shoulder Joint & Elbow Joint, Gluteal region, Thigh (front, medial & back ),Leg (front & back) foot, Hip Joint & Knee Joint, Scalp, Face & parotid gland, Neck, Thyroid gland, TMJ, Temporal & Infratemporal fossa, Cranial cavity, Dural Venous sinuses, Orbit, Nasal cavity, Oral cavity, Larynx Pharynx, Spinal cord, Brain stem, Cerebellum, Cerebrum, Ventricles of brain, Intercostal space, Pleura Heart, Lung, Mediastinum.
6.	Dr. Swapnil Sarda	Asso. Professor	29	Upper limb bones, lower limb bones, skull, mandible, ribs, sternum, vertebra Pectoral region, Arm (front & back), Shoulder & upper back, Cubital fossa, Fore arm (front & back), Palm, Shoulder Joint & Elbow Joint, Gluteal region, Thigh (front, medial & back ),Leg (front & back) foot, Hip Joint & Knee Joint, Scalp, Face & parotid gland, Neck, Thyroid gland, TMJ, Temporal & Infratemporal fossa, Cranial cavity, Dural



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				Venous sinuses, Orbit, Nasal cavity, Oral cavity, Larynx Pharynx, Spinal cord, Brain stem, Cerebellum, Cerebrum, Ventricles of brain, Intercostal space, Pleura Heart, Lung, Mediastinum.
7.	Dr. Supriya Satpute	Asst. Professor	20	Upper limb bones, lower limb bones, skull, mandible, ribs, sternum, vertebra Pectoral region, Arm (front & back), Shoulder & upper back, Cubital fossa, Fore arm (front & back), Palm, Shoulder Joint & Elbow Joint, Gluteal region, Thigh (front, medial & back ),Leg (front & back) foot, Hip Joint & Knee Joint, Scalp, Face & parotid gland, Neck, Thyroid gland, TMJ, Temporal & Infratemporal fossa, Cranial cavity, Dural Venous sinuses, Orbit, Nasal cavity, Oral cavity, Larynx Pharynx, Spinal cord, Brain stem, Cerebellum, Cerebrum, Ventricles of brain, Intercostal space, Pleura Heart, Lung, Mediastinum.
8.	Dr. Prateek Shrivastava	Asst. Professor	0	
9.	Dr. Prisha Rishi	Asst. Professor	1	Brain stem, Cerebellum, Cerebrum, Ventricles of brain, Intercostal space, Pleura Heart, Lung, Mediastinum.
10.	Dr. Satish Harioudh	Tutor	20	Upper limb bones, lower limb bones, skull, mandible, ribs, sternum, vertebra, Pectoral region, Arm (front & back), Shoulder & upper back, Cubital fossa, Fore arm (front & back), Palm, Shoulder Joint & Elbow Joint, Gluteal region, Thigh (front, medial & back), Leg (front & back) foot, Hip Joint & Knee Joint, Scalp, Face & parotid gland, Neck, Thyroid gland, TMJ, Temporal & Infratemporal fossa, Cranial cavity, Dural Venous sinuses, Orbit, Nasal cavity, Oral cavity, Larynx Pharynx, Spinal cord, Brain stem, Cerebellum, Cerebrum, Ventricles of brain, Intercostal space, Pleura Heart, Lung, Mediastinum.



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**DEPARTMENT OF PHYSIOLOGY**

**LECTURES TAKEN**

<b>Sr. No.</b>	<b>Name of the faculty</b>	<b>Designation</b>	<b>Number of lectures taken/year Small teaching group with Topics covered</b>
1.	Dr. Jaishree Tapadia	Professor & HOD	<b>79</b>
2.	Dr. Deepa Nair	Assoc. Professor	<b>41</b>
3.	Dr. Sarita Modi	Assoc. Professor	<b>53</b>
4.	Dr. Shekhar Jiwal	Asst. Professor	<b>25</b>
5.	Dr. Garima Shrivastava	Asst. Professor	<b>23</b>
6.	Dr. Varun Gupta	Asst. Professor	<b>35</b>
7.	Dr. Kudrat Bhangu	Asst. Professor	<b>26</b>
8.	Dr. Tanushree	Asst. Professor	<b>06</b>



**LECTURES TAKEN**

<b>Sr. No.</b>	<b>Faculty Name</b>	<b>Topics</b>	<b>No. of lectures</b>
<b>1.</b>	<b>Dr Jaishree Tapadia</b>	<ul style="list-style-type: none"><li>• Introduction to Physiology &amp; Functional Organization of Human Body</li><li>• Intercellular Communication</li><li>• Apoptosis</li><li>• Structure of Cell &amp; its Functions</li><li>• Bio-electrical potentials</li><li>• Structure of Neuro-muscular junction, Transmission &amp; Applied</li><li>• Haemopoiesis-Erythropoiesis</li><li>• Structure, Function of RBC &amp; Fate of RBC</li><li>• Composition Function &amp; regulation of secretion of Saliva</li><li>• ECG</li><li>• Hypoxia, O<sub>2</sub> therapy and artificial respiration</li><li>• Physiology of high altitude and deep sea</li><li>• Ascending Tracts of Spinal Cord</li><li>• Reflexes &amp; Properties</li><li>• Decending tracts of Spinal Cord</li><li>• Hypothalamus &amp; Applied</li><li>• Reticular formation &amp; Sleep/EEG</li><li>• Physiology of Taste</li><li>• Physiology of Urine formation</li><li>• Concentration/dilution of Urine</li><li>• Acidification of urine</li><li>• Physiology of Aging/ Free Radical and antioixidants</li><li>• Pathophysiology of Jaundice</li><li>• Digestion &amp; Absorption of Carbohydrates Proteins &amp; Fats</li><li>• Arterial Blood Pressure</li><li>• Fertilization, changes during pregnancy &amp; Placental Hormones</li><li>• Pregnancy test, Parturition, Lactation, Fetoplacental Unit</li><li>• Physiology of Pain &amp; Pain relief</li><li>• Muscle tone</li><li>• Incomplete &amp; complete transaction of spinal cord &amp; spinal shock &amp; Physiologic basis of Alzheimer's Disease, Syringomyelia &amp; Tabes Dorsalis</li><li>• Transport across the cell membrane</li><li>• Structure &amp; Functions of neuron</li><li>• Nerve growth and Cytokines</li></ul>	<b>79</b>



2.	<b>Dr. Deepa Nair</b>	<ul style="list-style-type: none"> <li>• Immunity</li> <li>• GI Motility</li> <li>• Gut brain axis</li> <li>• Cardiac muscle</li> <li>• Properties of Cardiac Muscle</li> <li>• Heart rate &amp; regulation</li> <li>• Lung volumes, capacities, Pulmonary function test and applied</li> <li>• Thyroid hormones &amp; Applied</li> <li>• Parathyroid &amp; Ca<sup>++</sup> Metabolism &amp; Applied</li> <li>• Metabolic and Endocrine consequences of obesity &amp; Metabolic syndrome stress response</li> <li>• Physiology of Olfaction</li> <li>• Retina, Photochemistry of vision &amp; photo transduction</li> <li>• Criteria of diagnosis of Brain Death &amp; its implications</li> <li>• Cardiac output &amp; Venous Return</li> <li>• Introduction to Female Reproductive System, Menstrual cycle, Ovulation</li> <li>• Contraception</li> <li>• Types &amp; Properties of Nerve fibers</li> <li>• Degeneration/Regeneration in Nerve fiber</li> <li>• EMG Muscular Dystrophies</li> </ul>	<b>41</b>
3.	<b>Dr. Sarita Modi</b>	<ul style="list-style-type: none"> <li>• Homeostasis- Basic concepts, Feedback mechanism</li> <li>• Structure of Skeletal Muscle</li> <li>• Mechanism of Muscle contraction</li> <li>• Properties of Skeletal muscle</li> <li>• Smooth Muscle Physiology</li> <li>• Energy sources and Muscle metabolism</li> <li>• Hemodynamics</li> <li>• ANS</li> <li>• Functional Anatomy Respiratory System, Respiratory membrane and diffusion of gases</li> <li>• Mechanics of Breathing</li> <li>• Hormones of Adrenal Cortex &amp; Medulla &amp; Applied</li> <li>• Synapse and synaptic transmission &amp; Neurotransmitter</li> <li>• Cerebral Cortex</li> <li>• Physiology of conditioning, learning &amp; Memory</li> <li>• Physiology of Hearing, Encoding of Signals &amp; Applied</li> <li>• Renal function tests &amp; Renal Handling of Solutes</li> <li>• Exercise Physiology (Effect of Mild, Mod &amp; Severe Exercise on CVS &amp; RS)</li> <li>• Physiology of Infancy</li> <li>• Vision Introduction, Optic of vision &amp; Error of refraction</li> <li>• Colour vision and colour Blindness</li> <li>• Introduction to Renal Physiology, GFR &amp; Renal Circulation</li> <li>• Interpret Growth Chart and assessment of infants</li> </ul>	<b>53</b>

<b>4.</b>	<b>Dr. Varun Gupta</b>	<ul style="list-style-type: none"> <li>• Body fluids &amp; Body fluids Compartments</li> <li>• Liver, Bile Juice &amp; applied</li> <li>• Pancreatic Juice &amp; applied</li> <li>• Dyspnoea, asphyxia, Cyanosis and Periodic breathing</li> <li>• Transport of Oxygen in Blood</li> <li>• Hypothalamo Pituitary axis</li> <li>• Hormones of Pituitary gland</li> <li>• Introduction to male reproductive system, Spermatogenesis, Endocrine Functions of Testis &amp; Applied</li> <li>• Common causes of infertility &amp; IVF</li> <li>• Visual pathway &amp; its lesion</li> <li>• Pupillary reflexes &amp; accommodation reflexes</li> <li>• Physiology of Micturition &amp; Cystometrogram</li> <li>• Dialysis, Artificial Kidney</li> <li>• Functions of Skin</li> <li>• Leukopoiesis</li> <li>• Thrombopoiesis and Haemostasis</li> <li>• Regulation of CVS</li> <li>• Vestibular Apparatus, Regulation of posture and Equilibrium</li> </ul>	<b>35</b>
<b>5.</b>	<b>Dr. Kudrat Bhangu</b>	<ul style="list-style-type: none"> <li>• Structure function synthesis Hemoglobin, &amp; Hemoglobinopathies</li> <li>• Composition Function &amp; regulation of secretion of Gastric Juice &amp; applied</li> <li>• Hirschsprung's Disease, vomiting, Diarrhoea, GERD, Constipation, Adynamic Ileus</li> <li>• Microcirculation &amp; Pathophysiology of Edema</li> <li>• Hormonal changes during menopause and perimenopause</li> <li>• Effects of removal of gonads for male and female, advantages and disadvantages</li> <li>• Organization of Nervous system, Neuron &amp; Neuronal circulation</li> <li>• Sense modalities, Sensory receptors and properties</li> <li>• Auditory &amp; Visual Evoked Potentials</li> <li>• Physiologic effect of Meditation</li> <li>• Adaptation to altered temperature heat &amp; cold, Mechanism of Fever, Cold Injuries and Heat Strokes, Thermal regulation in Hot &amp; cold environment</li> <li>• Regional Circulation (coronary, cutaneous, cerebral, lymphatic &amp; foetal)</li> <li>• Pulmonary Circulation</li> </ul>	<b>26</b>



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**Sri Aurobindo Medical College & P.G. Institute**  
**SAIMS HOSPITAL, INDORE (M.P.)**



6.	<b>Dr. Shekhar Jiwal</b>	<ul style="list-style-type: none"><li>• Composition &amp; Functions of blood</li><li>• Pathophysiology of Anemia</li><li>• Transfusion Medicine</li><li>• Cardiac Cycle, Heart sounds</li><li>• Cerebellum &amp; Applied</li><li>• Transport of CO<sub>2</sub> in Blood</li><li>• General principles of Endocrinology, Classification of Hormones &amp; MOA of Hormones</li></ul>	<b>25</b>
7.	<b>Dr. Garima Shah</b>	<ul style="list-style-type: none"><li>• Plasma proteins</li><li>• Cardiac Failure &amp; Shock</li><li>• Regulation of Respiration</li><li>• Basal Ganglia &amp; Applied</li><li>• Speech &amp; Asphasia</li><li>• Endocrine Pancreas &amp; Applied</li><li>• Thalamus &amp; Applied</li></ul>	<b>23</b>
8.	<b>Dr. Tanushri</b>	<ul style="list-style-type: none"><li>• Introduction to GIT</li><li>• GIT Hormones</li><li>• Thymus, Pineal &amp; Local Hormone</li><li>• CSF function &amp; Applied</li><li>• Limbic System</li><li>• Postural Reflex</li></ul>	<b>06</b>





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**SAIMS HOSPITAL, INDORE (M.P.)**



**DEPARTMENT OF BIOCHEMISTRY**

**LECTURES TAKEN**

<b>Sr. No.</b>	<b>Name of the faculty</b>	<b>Designation</b>	<b>Number of lectures taken/year</b>	<b>Small teaching group with Topics covered</b>
9.	Dr. Kavitarati Dharwadkar	Professor & Head	<b>56</b>	Clinical studies, Quality assurance, Dyslipidemia, Fatty liver, Jaundice, Hemoglobinopathies
10.	Dr. Prasanna Chandra	Professor	<b>48</b>	Von Gierke, Galactosemia, G6PD, Vitamins, Minerals
11.	Dr. Prachi Paliwal	Professor	<b>0</b>	Nil
12.	Dr. Ashutosh Saxena	Asst. Professor	<b>34</b>	Acid base disorders, Electrolytes
13.	Dr. Sreevalsan KC	Asst. Professor	<b>38</b>	PKU, MSUD, Albinism, Urea disorders, LFT, RFT.



**DEPARTMENT OF PATHOLOGY**

**LECTURES TAKEN**

Sr. No.	Name of the faculty	Designation	Number of lectures taken/year, small teaching group with Topics covered
1.	Dr. Amit V.Varma	Professor & HOD	Lecture : Neoplasia (7), CVS (6), Introduction to Pathology (1), Small teaching group : Specimens : Renal system (2), Instruments (2)
2.	Dr. Kamal Malukani	Professor	Lecture : Hemorrhagic disorders (3), Respiratory system (5), Bone & Soft tissue (5), ATECOM 2.8 (1), Inflammation (6) Small teaching group : Specimens-Respiratory system (2) ,
3.	Dr. Shilpi Dosi	Professor	Lecture : Genetic & Pediatric diseases (3), Renal system (6), Instruments- II (1), Small teaching group :
4.	Dr. Garima Malpani	Professor	Lecture : Infections & infestations (3), WBC disorders (2), Hepatobiliary system (4) Small teaching group : Specimens: Hepatobiliary (2), Specimens : Male genital system, endocrine (2), Chronic infections (3), Charts (2)
5.	Dr. Gaurav Pawar	Associate Professor	Lecture : Hemolytic Anemia (2) Small teaching group : Lab diagnosis of Microcytic anemia (2), Lymph node & spleen (gross) (2), Urine microscopy (2), CPN (2), RFT – Tutorial chart based (1), Acute and chronic inflammation gross & microscopy (4)
6.	Dr. Bela Sharda	Associate Professor	Lecture : Gastrointestinal tract (3), Breast (2), Small teaching group : LFT (1), Hodgkin's lymphoma (2), Specimens: GIT (2), Orientation of department labs & blood bank (2), Cellular adaptations (4)
7.	Dr. Sanjana Ahuja	Associate Professor	Lecture : Lymph node, Spleen, Aplastic anemia (3), Female genital tract (3), Hemodynamics (4) Small teaching group : Lab diagnosis of macrocytic anemia (2), Peripheral smear & CBC of Hemolytic anemia (2), Gastric ulcer & tumour (2), Platelet count (1), TB Lung (2), Urine physical & chemical examination (4), Specimens : Female genital system & Breast (2)
8.	Dr. Mohini Kucheria	Associate Professor	Lecture : AETCOM 2.7 (3) Small teaching group: LFT charts of jaundice,

			hepatitis - DOAP (1), Colon carcinoma (1), Liver cirrhosis, carcinoma (1), Pneumonia (2) Specimens : Female genital system & Breast (2)
9.	Dr. Sarfaraz Ali	Associate Professor	Lecture - Endocrinology (4) Small teaching group : Peripheral smear and CBC of Microcytic anemia (2), Multiple myeloma (1)
10.	Dr. Sudarshan Gupta	Assistant Professor	Lecture : Environmental & Nutritional disease (2), Small teaching group : Cytology smears (2), HPE slides – Breast, Skin, Bone & Soft tissue (1), Anticoagulants & blood collection (4), Peripheral smear staining & Differential leucocyte count (4), Blood banking (1)
11.	Dr. Harsh Jakhetia	Assistant Professor	Lecture : CNS Lecture (2) Small teaching group : Lab diagnosis of Acute coronary syndrome (2), CSF examination, meningitis charts (1), Benign tumors –gross & microscopy (4)
12.	Dr. Shruti Bansal	Assistant Professor	Lecture : Male genital tract (2) Small teaching group : PS & DLC (1), RFT (1), Lab diagnosis of Tuberculosis (1), Specimens : Male genital system (2), Lab diagnosis of macrocytic anemia (2)
13.	Dr. Nisha Modi	Assistant Professor	Lecture : RBC disorders (3) Small teaching group : Infarction microscopy & gross (4), Body fluid examination – Tutorial (4), Malignant tumors - gross & microscopy (4),
14.	Dr. Srushti Karmarkar	Assistant Professor	Lecture : Cell Injury & Adaptation (6) Small teaching group : Urine analysis charts – Tutorial (2) , Hemoglobin estimation (4),
15.	Dr. Parul Maheshwari	Assistant Professor	Lecture : Skin Lecture (1) Small teaching group : Amyloidosis gross & microscopic (4), Lab diagnosis of Microcytic hypochromic anemia (2),
16.	Dr. Radhika Sharma	Assistant Professor	Lecture - Nutritional & Environmental Disorders (2) Small teaching group : Introduction of histopathology process, stains (2), Blood Grouping (4), CVC Spleen, Liver, Lung (4), BT, CT DOAP (4)
17.	Dr. Ayushi Singh	SR	Lecture : Lab diagnosis of Hemolytic anemia (1) Small teaching group : Intracellular accumulations (4), Cell injury gross & microscopy (4), Total leucocyte count (4),



**DEPARTMENT OF MICROBIOLOGY**

**LECTURES TAKEN**

Sr. No.	Name of the faculty Qualification IMR Number	Current Designation & Date of promotion –	Number of lecture taken/year Topics covered	Theory Lecture Topics	
1.	<b>Dr. Mohite Chetan Prabhakar</b> 2020/04/5108	Tutor / Demonstrator	7	1	Microscopy MI 1.1, 1.2
				2	Identification of Bacteria (Conventional methods) MI 1.1 Identification of Bacteria (Automations and Molecular MI 1.1
				3	Other viral hemorrhagic fever- Kyasanur forest disease, MI 1.1, HIV and Dengue MI 2.7, 8.15
				4	Giardiasis MI 3.1 Intestinal amoebiasis, Giardiasis, Intestinal coccidian MI 3.2, 8.15
				5	Parasites causing encephalitis: Primary amoebic meningoencephalitis (Naegleria), granulomatous amoebic encephalitis (Acanthamoeba and Balamuthia ), MI 5.2
				6	Infective syndromes of ear, nose and oral cavity (in brief) MI 8.8
				7	Choose appropriate laboratory test in diagnosis of infectious disease (Rational use of microbiological investigations ) MI 8.4
2.	<b>Dr. Rohit Juneja</b> MP-29902	Tutor / Demonstrator	10	1	Sterilization and Disinfection MI 1.4, 1.5, MI 1.5
				2	Antimicrobial Susceptibility Testing MI 1.6
				3	Acid fast staining-1 MI 1.2
				4	Trypanosomiasis and Schistosomiasis MI 1.1 BSI/ CVS-4: Malaria, Leishmaniasis, Lymphatic filariasis MI 2.6, 8.15
				5	Intestinal cestode infections - Diphyllbothrium latum , MI 3.1 GIT/HB-3: Intestinal cestode and nematode infection MI 3.2, 8.15
				6	Anthrax, Leprosy, Pseudomonas , Melioidosis, Actinomycetes MI 4.3, 8.15
				7	Agents of atypical pneumonia



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					(Bacterial): MI 6.3, 1.2 Viral agents of LRTI MI 6.3
				8	Agents of genital ulcers-2- LGV, Granuloma inguinale, soft MI 7.3
				9	Zoonotic infections MI 1.1
				10	Hospital acquired infection (definition, risk factors, hand MI 8.5,8.6, 8.7 Needle stick injury MI 8.5,8.6
3.	<b>Dr. Animesh Modi</b>	Tutor / Demonstrator	<b>10</b>	1	Gram staining -1 MI 1.2
				2	Laboratory diagnosis of viral infections- microscopy, MI 1.1
				3	Antigen-Antibody Reaction (conventional) - agglutination MI 1.8, 8.15
				4	Systemic mycosis and Candidiasis MI 1.1
				5	Echinococcosis (Hydatid disease) MI 1.1
				6	Tissue nematode infections of skin and soft-tissue- Onchocerca, Loa loa, Mansonella and Dracunculus, Trichinella, cysticercosis, Larva migrans and other parasitic MI 4.3
				7	Viral URTI-2: Rhinovirus, adenovirus and infectious mononucleosis (EBV) MI 5.2
				8	Stool microscopy-5 MI 7.3
				9	Opportunistic infections (immunocompromised patients) MI 1.1
				10	Hand hygiene and PPE-1 and PPE-2, Biomedical waste MI 8.7, MI 8.7
4.	<b>Dr. Sonu Maity</b>	Tutor / Demonstrator	<b>12</b>	1	Morphology of common bacteria, Bacterial growth curve MI 1.1
				2	Laboratory diagnosis of parasitic infections- MI 1.2
				3	Antigen-Antibody Reaction (newer)- ELISA, ELFA, CLIA, IFA, MI 1.8, 8.15
				4	Shigellosis MI 3.1 Dysentery(Shigellosis),Diarrhea (NTS, cholera) MI 3.2, 8.15
				5	Viral Hepatitis, parasites causing liver infection MI 3.8, 8.15
				6	SSTI Due to Superficial and Subcutaneous fungal infections,





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					MI 4.3, 8.15
				7	URTI (beta hemolytic streptococci, diphtheria, influenza) MI 5.2, 8.15
				8	LRTI (Pneumococcal pneumonia, Haemophilus influenzae , MI 6.1
				9	STI (Gonorrhoea, Syphilis, Trichomonas, Candidia) MI 7.2
				10	Organisms of oncogenic potential MI 8.1
				11	Culture Media and Culture Methods MI 1.1, MI 1.1
				12	Laboratory diagnosis of fungal infections--KOH mount, Gram MI 1.1, 1.2
5.	<b>Dr. Padmini Rathore MP-18270</b>	Tutor / Demonstrator	<b>13</b>	1	Infections causing anemia MI 2.4 Sepsis, CRBSI, Rheumatic fever, Infective endocarditis MI 2.3, 8.15
				2	Helicobacter infection (acid peptic disease) MI 3.6
				3	Staphylococcal, Streptococcal infections and Anaerobic MI 4.1, 4.3,
				4	Agents of pyogenic meningitis (N.meningitidis) MI 5.3, 8.15
				5	Fungal agents causing respiratory tract infection: zygomycosis, aspergillosis, pneumocystosis Parasitic agents causing respiratory tract infection: MI 6.1
				6	Environmental surveillance (bacteriology of water, air, milk MI 1.2
				7	Emerging and Re-emerging Infections MI 8.2
				8	Specimen collection and transport MI 8.9, MI 8.10
				9	Normal Microbial Flora of Human Body MI 1.1
				10	Brucellosis, Leptospirosis and Borreliosis, Enteric (typhoid) fever MI 8.1, MI 3.4, 8.15
				11	Food poisoning- Bacillus cereus , Clostridium botulinum , Mycotoxins MI 3.5
				12	Agents of aseptic meningitis-2:

6.	<b>Dr. Ashish Agrawal</b> (MBBS, MD New)	Tutor / Demonstrator	3		Other agents: Spirochaetal meningitis, tubercular meningitis, cryptococcal meningitis MI 5.1
				13	Agents of typical pneumonia: Pneumococcal pneumonia (in detail) Haemophilus influenzae (in detail) MI 6.2
				1	Agents of UTI: Uropathogenic E.coli, Klebsiella, Proteus, Enterococcus (in detail), Staphylococcus saprophyticus, MI 6.3
				2	Infective syndromes of eye (in brief) MI 7.1, 7.2
				3	Vector-borne infections MI 8.3

Sr. No.	Name of the faculty Qualification IMR Number	Current Designation & Date of promotion –	Number of lecture taken/year Topics covered	Practical Topics	
1.	<b>Dr. Mohite Chetan Prabhakar</b> 2020/04/5108	Tutor / Demonstrator	7	1	Microscopy MI 1.1, 1.2
				2	Identification of Bacteria (Conventional methods) MI 1.1 Identification of Bacteria (Automations and Molecular MI 1.1
				3	Other viral hemorrhagic fever- Kyasanur forest disease, MI 1.1, HIV and Dengue MI 2.7, 8.15
				4	Giardiasis MI 3.1 Intestinal amoebiasis, Giardiasis, Intestinal coccidian MI 3.2, 8.15
				5	Parasites causing encephalitis: Primary amoebic meningoencephalitis (Naegleria), granulomatous amoebic encephalitis (Acanthamoeba and Balamuthia ), MI 5.2
				6	Infective syndromes of ear, nose and oral cavity (in brief) MI 8.8
				7	Choose appropriate laboratory test in diagnosis of infectious disease (Rational use of microbiological investigations ) MI 8.4
2.	<b>Dr. Rohit Juneja</b> MP-29902	Tutor / Demonstrator	10	1	Sterilization and Disinfection MI 1.4, 1.5, MI 1.5



# Sri Aurobindo Institute of Medical Sciences

## Sri Aurobindo Medical College & P.G. Institute

### SAIMS HOSPITAL, INDORE (M.P.)



		or		2	Antimicrobial Susceptibility Testing MI 1.6
				3	Acid fast staining-1 MI 1.2
				4	Trypanosomiasis and Schistosomiasis MI 1.1 BSI/ CVS-4: Malaria, Leishmaniasis, Lymphatic filariasis MI 2.6, 8.15
				5	Intestinal cestode infections - Diphylobothrium latum , MI 3.1 GIT/HB-3: Intestinal cestode and nematode infection MI 3.2, 8.15
				6	Anthrax, Leprosy, Pseudomonas , Melioidosis, Actinomycetes MI 4.3, 8.15
				7	Agents of atypical pneumonia (Bacterial): MI 6.3, 1.2 Viral agents of LRTI MI 6.3
				8	Agents of genital ulcers-2- LGV, Granuloma inguinale, soft MI 7.3
				9	Zoonotic infections MI 1.1
				10	Hospital acquired infection (definition, risk factors, hand MI 8.5, 8.6, 8.7 Needle stick injury MI 8.5, 8.6
3.	<b>Dr. Animesh Modi</b>	Tutor / Demonstrator or	<b>10</b>	1	Gram staining -1 MI 1.2
				2	Laboratory diagnosis of viral infections- microscopy, MI 1.1
				3	Antigen-Antibody Reaction (conventional) - agglutination MI 1.8, 8.15
				4	Systemic mycosis and Candidiasis MI 1.1
				5	Echinococcosis (Hydatid disease) MI 1.1
				6	Tissue nematode infections of skin and soft-tissue- Onchocerca, Loa loa, Mansonella and Dracunculus, Trichinella, cysticercosis, Larva migrans and other parasitic MI 4.3
				7	Viral URTI-2: Rhinovirus, adenovirus and infectious mononucleosis (EBV) MI 5.2
				8	Stool microscopy-5 MI 7.3
				9	Opportunistic infections (immunocompromised patients)

					MI 1.1
				10	Hand hygiene and PPE-1 and PPE-2, Biomedical waste MI 8.7, MI 8.7
4.	<b>Dr. Sonu Maity</b>	Tutor / Demonstrator	12	1	Morphology of common bacteria, Bacterial growth curve MI 1.1
				2	Laboratory diagnosis of parasitic infections- MI 1.2
				3	Antigen-Antibody Reaction (newer)- ELISA, ELFA, CLIA, IFA, MI 1.8, 8.15
				4	Shigellosis MI 3.1 Dysentery(Shigellosis), Diarrhea (NTS, cholera) MI 3.2, 8.15
				5	Viral Hepatitis, parasites causing liver infection MI 3.8, 8.15
				6	SSTI Due to Superficial and Subcutaneous fungal infections, MI 4.3, 8.15
				7	URTI (beta hemolytic streptococci, diphtheria, influenza) MI 5.2, 8.15
				8	LRTI (Pneumococcal pneumonia, Haemophilus influenzae , MI 6.1
				9	STI (Gonorrhoea, Syphilis, Trichomonas, Candidia) MI 7.2
				10	Organisms of oncogenic potential MI 8.1
				11	Culture Media and Culture Methods MI 1.1, MI 1.1
				12	Laboratory diagnosis of fungal infections--KOH mount, Gram MI 1.1, 1.2
5.	<b>Dr. Padmini Rathore MP-18270</b>	Tutor / Demonstrator	13	1	Infections causing anemia MI 2.4 Sepsis, CRBSI, Rheumatic fever, Infective endocarditis MI 2.3, 8.15
				2	Helicobacter infection (acid peptic disease) MI 3.6
				3	Staphylococcal, Streptococcal infections and Anaerobic MI 4.1, 4.3,
				4	Agents of pyogenic meningitis (N.meningitidis) MI 5.3, 8.15
				5	Fungal agents causing respiratory tract infection: zygomycosis, aspergillosis, pneumocystosis Parasitic agents causing respiratory tract infection: MI 6.1
				6	Environmental surveillance



# Sri Aurobindo Institute of Medical Sciences

## Sri Aurobindo Medical College & P.G. Institute

### SAIMS HOSPITAL, INDORE (M.P.)



					(bacteriology of water, air, milk MI 1.2
				7	Emerging and Re-emerging Infections MI 8.2
				8	Specimen collection and transport MI 8.9, MI 8.10
				9	Normal Microbial Flora of Human Body MI 1.1
				10	Brucellosis, Leptospirosis and Borreliosis, Enteric (typhoid) fever MI 8.1, MI 3.4, 8.15
				11	Food poisoning- Bacillus cereus , Clostridium botulinum , Mycotoxins MI 3.5
				12	Agents of aseptic meningitis-2: Other agents: Spirochaetal meningitis, tubercular meningitis, cryptococcal meningitis MI 5.1
				13	Agents of typical pneumonia: Pneumococcal pneumonia (in detail) Haemophilus influenzae (in detail) MI 6.2
6.	<b>Dr. Ashish Agrawal (MBBS, MD New)</b>	Tutor / Demonstrat or	3	1	Agents of UTI: Uropathogenic E.coli, Klebsiella, Proteus, Enterococcus (in detail), Staphylococcus saprophyticus, MI 6.3
				2	Infective syndrmes of eye (in brief) MI 7.1, 7.2
				3	Vector-borne infections MI 8.3





**DEPARTMENT OF PHARMACOLOGY**

**LECTURES TAKEN**

Sr. No.	Name of the faculty	Designation	Number of lectures taken/year, small teaching group with Topics covered		
			Lectures	SGD (Tutorial, seminar, ILH)	SDL
1.	Dr. Pooja Reddy	Prof & Head	14	10	02
2.	Dr. Chhaya Goyal	Professor	13	09	02
3.	Dr. Kalpana Bharani	Professor	10	08	02
4.	Dr. Jitendra Gupta	Asso. Professor	08	07	01
5.	Dr. Mahesh Kumar Jain	Asso. Professor	10	09	01
6.	Dr. Anuja Jha	Asso. Professor	08	10	01
7.	Dr. Ashok Kumar	Asst. Professor	07	07	01
8.	Dr. Rashmi Mahajan	Asst. Professor	06	07	01
9.	Dr. Ashishkumar Baheti	Asst. Professor	04	07	01

Sr. No.	Name of the faculty	Designation	SGD (Tutorial, seminar, ILH) - 74
1.	Dr. Pooja Reddy	Prof & Head	1. Dosage Form 1 2. Dosage form 2 3. Calculation of drug dosage in special situations 4. General Principles of Prescription Writing 5. Concept of P-Drug 6. Prescription Writing (URTI, LRTI) 7. Treatment Adherence 8. SGD and test on General Pharmacology 9. SGD and test on ANS 10. CAL – Effects of drugs on BP
2.	Dr. Chhaya Goyal	Professor	1. Dosage form- Solid dosage form 2. Dosage form- Semi-solid & Liquid dosage form 3. Newer Drug Delivery System 4. Concept of P-Drug 5. Prescription Writing (Malaria) 6. Prescription Audit 7. Aspiration from ampoule and vial and reconstitution of dry powder 8. SGD and test on antimicrobial drugs 9. SGD and test on CNS
3.	Dr. Kalpana Bharani	Professor	1. Newer Drug Delivery System 2. Introduction to Experimental Pharmacology 3. Prescription Audit 4. Interaction with medical representative 5. Essential Medicine 6. Communication with patients with empathy &



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**Sri Aurobindo Medical College & P.G. Institute**  
**SAIMS HOSPITAL, INDORE (M.P.)**



			ethic 7. Communication on optimal use of drugs & devices 8. SGD and test on Endocrine
4.	Dr. Jitendra Gupta	Asso. Professor	1. Setting of an intravenous drip Manikin 2. Introduction to pharmacovigilance 3. Reporting of an adverse drug reaction 4. ORS preparation 5. Prescription Writing (GIT-Peptic ulcer) 6. Prescription Writing (GIT-Antiemetic) 7. Promotional Drug Literature
5.	Dr. Mahesh Kumar Jain	Asso. Professor	1. Communication on proper use of drug 2. Communication on optimal use of drugs & devices 3. Treatment Adherence 4. Prescription Writing (Anaemia) 5. Prescription Writing (GIT-Bacterial and Viral Diarrhoea) 6. Prescription Writing (RS-Cough) 7. Prescription Writing (RS-Asthma) 8. Prescription Writing (CVS) 9. CAL – Effects of drugs on eye
6.	Dr. Anuja Jha	Asso. Professor	1. Pharmacokinetic problems 2. Prescription Writing (Diabetes-Insulin) 3. Prescription Writing (Diabetes-oral antidiabetic drugs) 4. Prescription Writing (Diabetes-Hypoglycemia) 5. IM and SC injection- Manikin 6. IV injection and cannulation - Manikin 7. Prescription Writing (Autacoids - Pain) 8. SGD and test on CVS 9. CAL – Effects of drugs on BP 10. CAL – Effects of drugs on BP
7.	Dr. Ashok Kumar	Asst. Professor	1. SPOTS 1 2. SPOTS 2 3. Caution in prescribing drugs of dependence 4. Prescription Writing (Autacoids - Pain) 5. CAL – Pharmacodynamics 1 6. CAL – Pharmacodynamics 2 7. Prescription Audit
8.	Dr. Rashmi Mahajan	Asst. Professor	1. Prescription Writing (Corticosteroids) 2. Prescription Writing (HRT, OCPs) 3. Prescription Writing (CVS) 4. Cost and compliance of treatment 5. OTC drug Education 6. Legal and Ethical aspects of prescribing 7. Newer Drug Delivery System presentation from students
9.	Dr. Ashish Kumar	Asst. Professor	1. Promotional Drug Literature



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**Sri Aurobindo Medical College & P.G. Institute**  
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	Baheti		<ol style="list-style-type: none"><li>2. General Principles of Prescription Writing</li><li>3. Drugs used in UTI, STD (Theory Lecture)</li><li>4. Prescription Writing (Typhoid)</li><li>5. CAL – Effects of drugs on eye</li><li>6. Solid dosage form-presentation from students</li><li>7. Semi-solid &amp; Liquid dosage form presentation from student</li></ol>
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Sr. No.	Name of the faculty	Designation	Lectures - 97
1.	Dr. Pooja Reddy	Prof & Head	<ol style="list-style-type: none"><li>1. Introduction to Pharmacology</li><li>2. Definitions in pharmacology</li><li>3. Introduction to Autonomic Nervous System</li><li>4. Autonomic Nervous System-Cholinergic drugs</li><li>5. Antibiotic Stewardship Program</li><li>6. Antibacterial drugs Sulfonamides</li><li>7. Antibacterial drugs Quinolones</li><li>8. Antibacterial drugs Penicillins</li><li>9. Antibacterial drugs Cephalosporins</li><li>10. Autacoids NSAIDS</li><li>11. Pharmacotherapy of Gout</li><li>12. Pharmacotherapy of Rheumatoid arthritis</li></ol>
2.	Dr. Chhaya Goyal	Professor	<ol style="list-style-type: none"><li>1. Routes of drug administration</li><li>2. Dosage form</li><li>3. Pharmacology Local Anaesthetics</li><li>4. Introduction to CNS</li><li>5. General Anaesthetics</li><li>6. Antibacterial drugs Aminoglycosides</li><li>7. Contraception</li><li>8. Infertility, Drugs acting on Uterus</li><li>9. Gastrointestinal-tract Peptic ulcer</li><li>10. Hypertension</li><li>11. Shock</li></ol>
3.	Dr. Kalpana Bharani	Professor	<ol style="list-style-type: none"><li>1. Pharmacokinetics-Absorption</li><li>2. Pharmacokinetics- Distribution</li><li>3. Autonomic Nervous System-Beta blockers</li><li>4. Autonomic Nervous System-Alpha blockers &amp; Glaucoma</li><li>5. Antibacterial drugs Tuberculosis</li><li>6. Antibacterial drugs Anti-malarial drugs</li><li>7. Gastrointestinal-tract Diarrhoea, IBS, IBD</li><li>8. Respiratory System – Cough</li><li>9. Respiratory System – Bronchial Asthma &amp; COPD</li><li>10. Migraine</li><li>11. Autacoids – Prostaglandins</li></ol>
4.	Dr. Jitendra Gupta	Asso.	<ol style="list-style-type: none"><li>1. Pharmacokinetics-Metabolism</li><li>2. Pharmacokinetics-Elimination</li></ol>



# Sri Aurobindo Institute of Medical Sciences

## Sri Aurobindo Medical College & P.G. Institute

### SAIMS HOSPITAL, INDORE (M.P.)



		Professor	<ol style="list-style-type: none"><li>3. Anti-thyroid drugs</li><li>4. Corticosteroids</li><li>5. General Principles of Chemotherapy</li><li>6. Antibacterial drugs Monobactam and others acting on cell wall</li><li>7. Anti-arrhythmic drugs</li><li>8. Heart Failure</li><li>9. Hypolipidemic agents</li><li>10. Autacoids – Antihistaminics</li></ol>
5.	Dr. Mahesh Kumar Jain	Asso. Professor	<ol style="list-style-type: none"><li>1. Pharmacodynamics</li><li>2. Adverse Drug Reactions</li><li>3. Autonomic Nervous System-Anticholinergic drugs</li><li>4. Anti-Leprosy</li><li>5. Anti-fungal drugs</li><li>6. Anti-diabetic drugs</li><li>7. Sex hormones</li><li>8. Gastrointestinal-tract Anti-emetic</li><li>9. Sedative Hypnotics</li><li>10. Anxiolytics</li></ol>
6.	Dr. Anuja Jha	Asso. Professor	<ol style="list-style-type: none"><li>1. Autonomic Nervous System-Sympathomimetic drugs</li><li>2. Autonomic Nervous System-Sympathomimetic drugs</li><li>3. Ganglion stimulants, blockers</li><li>4. Anti- psychotics</li><li>5. Anti-manic drugs</li><li>6. Opioids</li><li>7. Anti-epileptics</li><li>8. Autacoids – Serotonin</li><li>9. Geriatric and Paediatric pharmacology</li><li>10. Vaccines</li><li>11. Pharmacogenomics</li></ol>
7.	Dr. Ashok Kumar	Asst. Professor	<ol style="list-style-type: none"><li>1. Anti-nonretroviral drugs</li><li>2. Antibacterial drugs Anti-amoebic and anti-protozoal drugs</li><li>3. Antibacterial drug Anthelmintic drugs</li><li>4. Drugs of Abuse</li><li>5. Anaemia</li><li>6. Anticoagulants</li><li>7. Antiplatelet</li><li>8. Cardiovascular system – RAAS</li><li>9. Ischemic Heart Disease</li><li>10. Chelating agents</li><li>11. Poisoning</li></ol>
8.	Dr. Rashmi Mahajan	Asst. Professor	<ol style="list-style-type: none"><li>1. Neurodegenerative disorders 1-Parkinson's disease</li><li>2. Neurodegenerative disorder 2</li><li>3. Anti-depressants</li></ol>



# Sri Aurobindo Institute of Medical Sciences

## Sri Aurobindo Medical College & P.G. Institute

### SAIMS HOSPITAL, INDORE (M.P.)



			<ol style="list-style-type: none"><li>Alcohols</li><li>Calcium and Osteoporosis</li><li>Cardiovascular system – Diuretics</li><li>Vitamins, Nutraceuticals</li><li>Skin and ocular drugs</li><li>Antiseptics, Disinfectants</li><li>Drug Regulatory Acts</li><li>Clinical Trials</li></ol>
9.	Dr. Ashish Kumar Baheti	Asst. Professor	<ol style="list-style-type: none"><li>Antibacterial drugs Tetracyclines &amp; Chloramphenicol</li><li>Antibacterial drugs Macrolides</li><li>Anti-cancer drugs</li><li>Immunomodulators</li><li>Management of Organ Transplant rejection</li><li>Skeletal Muscle Relaxants</li><li>Fibrinolytics &amp; Plasma expanders</li><li>Pituitary hormones</li><li>Gastrointestinal-tract Constipation</li><li>Essential Medicines, OTC, FDC</li></ol>





**DEPARTMENT OF FORENSIC MEDICINE**

**LECTURES TAKEN**

**September 2022 to August 2023**

<b>Sr. No.</b>	<b>Name of the faculty</b>	<b>Designation</b>	<b>Number of lectures taken/year, small teaching group with Topics covered</b>
10.	Dr. Praveen K. Arora	Prof. & Head	<b>Number of lectures taken = 25</b> <b>Small teaching group =21</b> <ul style="list-style-type: none"><li>• Bedside clinical tests to detect poisons in body fluids/2022</li><li>• Collecting, preserving and dispatch of exhibits in a case of poisoning./2022</li><li>• Conduct and prepare age estimation report in a simulated environment/2022</li><li>• Examination of hair, fibre, semen and other biological fluids/2022</li><li>• Identification of blood stain, ABO &amp; R.h. grouping/2022</li><li>• Examination of skeletal remains/2022</li><li>• Identifying and preparing weapon report/2022</li><li>• Examination and age estimation of foetus/2022</li><li>• Examine and prepare report of alleged accused of sexual offence/2022</li><li>• Examination of plant poisons/2022</li><li>• Identification of histo-pathological slides/2022</li><li>• Record and certify dying declaration./2022</li><li>• Moot court exercise/2022</li><li>• X Rays Practical/2023</li><li>• X Rays Practical Revision/2023</li><li>• Bone Practical Revision/2023</li><li>• Preparing weapon reports/2023</li><li>• Preparing weapon reports/2023</li><li>• Preparing Injury report/2023</li><li>• Medical ethics and its history. Dichotomy, unethical practices, MCI and State Medical Councils, Indian Medical Register/2023</li><li>• Bioethics, Ethics related to HIV patients, Ethical Principles/2023</li></ul>



# Sri Aurobindo Institute of Medical Sciences

## Sri Aurobindo Medical College & P.G. Institute

### SAIMS HOSPITAL, INDORE (M.P.)



			<ul style="list-style-type: none"><li>Describe and discuss medical negligence, contributory negligence etc. Define consent, different types of consent, rules of consent, in case of emergency situation and alcohol intoxication/2023</li></ul>
11.	Dr. Vishal B. Surwade	Professor	<p><b>Number of lectures taken = 21</b> <b>Small teaching group =21</b></p> <ul style="list-style-type: none"><li>Bedside clinical tests to detect poisons in body fluids/2022</li><li>Collecting, preserving and dispatch of exhibits in a case of poisoning./2022</li><li>Conduct and prepare age estimation report in a simulated environment/2022</li><li>Examination of hair, fibre, semen and other biological fluids/2022</li><li>Identification of blood stain, ABO &amp; Rh grouping/2022</li><li>Examination of skeletal remains/2022</li><li>Identifying and preparing weapon report/2022</li><li>Examination and age estimation of foetus/2022</li><li>Examine and prepare report of alleged accused of sexual offence/2022</li><li>Examination of plant poisons/2022</li><li>Identification of histo-pathological slides/2022</li><li>Record and certify dying declaration./2022</li><li>Moot court exercise/2022</li><li>X Rays Practical/2023</li><li>X Rays Practical Revision/2023</li><li>Bone Practical Revision/2023</li><li>Preparing weapon reports/2023</li><li>Preparing weapon reports/2023</li><li>Preparing Injury report/2023</li><li>Medical ethics and its history. Dichotomy, unethical practices, MCI and State Medical Councils, Indian Medical Register/2023</li><li>Bioethics, Ethics related to HIV patients, Ethical Principles/2023</li><li>Describe and discuss medical negligence , contributory negligence etc. Define consent,</li></ul>



**Sri Aurobindo Institute of Medical Sciences**  
**Sri Aurobindo Medical College & P.G. Institute**  
**SAIMS HOSPITAL, INDORE (M.P.)**



			different types of consent, rules of consent, in case of emergency situation and alcohol intoxication/2023
12.	Dr. Pankaj Nema	Assistant Professor	<p><b>Number of lectures taken = 14</b> <b>Small teaching group =21</b></p> <ul style="list-style-type: none"><li>• Bedside clinical tests to detect poisons in body fluids/2022</li><li>• Laws in relation to poisons, NDPS Act/2022</li><li>• Collecting, preserving and dispatch of exhibits in a case of poisoning./2022</li><li>• Conduct and prepare age estimation report in a simulated environment/2022</li><li>• Examination of hair, fibre, semen and other biological fluids/2022</li><li>• Identification of blood stain, ABO &amp; Rh grouping/2022</li><li>• Examination of skeletal remains/2022</li><li>• Identifying and preparing weapon report/2022</li><li>• Examination and age estimation of foetus/2022</li><li>• Examine and prepare report of alleged accused of sexual offence/2022</li><li>• Examination of plant poisons/2022</li><li>• Identification of histo-pathological slides/2022</li><li>• Record and certify dying declaration./2022</li><li>• Moot court exercise/2022 X Rays Practical/2023</li><li>• X Rays Practical Revision/2023</li><li>• Bone Practical Revision/2023</li><li>• Preparing weapon reports/2023</li><li>• Preparing weapon reports/2023</li><li>• Preparing Injury report/2023</li><li>• Medical ethics and its history. Dichotomy, unethical practices, MCI and State Medical Councils, Indian Medical Register/2023</li><li>• Bioethics, Ethics related to HIV patients, Ethical Principles/2023</li><li>• Describe and discuss medical negligence, Contributory negligence etc. Define consent, different types of consent, rules of consent, in</li></ul>



**Sri Aurobindo Institute of Medical Sciences**  
**Sri Aurobindo Medical College & P.G. Institute**  
**SAIMS HOSPITAL, INDORE (M.P.)**



			case of emergency situation and alcohol intoxication/2023
13.	Dr. Abhishek Varun	Assistant Professor	<p><b>Number of lectures taken = 12</b> <b>Small teaching group =21</b></p> <ul style="list-style-type: none"><li>• Bedside clinical tests to detect poisons in body fluids/2022</li><li>• Collecting, preserving and dispatch of exhibits in a case of poisoning./2022</li><li>• Conduct and prepare age estimation report in a simulated environment/2022</li><li>• Examination of hair, fibre, semen and other biological fluids/2022</li><li>• Identification of blood stain, ABO &amp; Rh grouping/2022</li><li>• Examination of skeletal remains/2022</li><li>• Identifying and preparing weapon report/2022</li><li>• Examination and age estimation of foetus/2022</li><li>• Examine and prepare report of alleged accused of sexual offence/2022</li><li>• Examination of plant poisons/2022</li><li>• Identification of histo-pathological slides/2022</li><li>• Record and certify dying declaration./2022</li><li>• Moot court exercise/2022</li><li>• X Rays Practical Revision/2023</li><li>• Bone Practical Revision/2023</li><li>• Preparing weapon reports/2023</li><li>• Preparing weapon reports/2023</li><li>• Preparing Injury report/2023</li><li>• Medical ethics and its history. Dichotomy, unethical practices, MCI and State Medical Councils, Indian Medical Register/2023</li><li>• Bioethics, Ethics related to HIV patients, Ethical Principles/2023</li><li>• Describe and discuss medical negligence, Contributory negligence etc. Define consent, different types of consent, rules of consent, in case of emergency situation and alcohol intoxication/2023</li></ul>



**Sri Aurobindo Institute of Medical Sciences**  
**Sri Aurobindo Medical College & P.G. Institute**  
**SAIMS HOSPITAL, INDORE (M.P.)**



**DEPARTMENT OF COMMUNITY MEDICINE**

**LECTURES TAKEN**

<b>Sr. No.</b>	<b>Name of the faculty</b>	<b>Designation</b>	<b>Number of lectures taken</b>	<b>CP with topics</b>	<b>No. of Practical / SGT</b>
1.	Dr. Ajit Deshpande	Professor & Head	17	1. Conventional contraceptives (5) 2. Nutrition, Minerals 3. Anemia (3) 4. Primary Health Center(2) 5. Sewage Treatment Plant (3) 6. Sources & Deficiencies (2) 7. Vitamin Sources & Deficiencies	Entomology
2.	Dr. Madhuri Inamdar	Professor	17	1. Cash control and cohort Studies (6) 2. Ensecticides (4) 3. Visit to ESIS (3) 4. Posting completion test (3) 5. Slides projection & Teaching	1. Mean, median & mode 2. Investigation of epidemic (2)
3.	Dr. Jayashri Bute	Professor	21	1. Anemia in pregnancy and antenatal clinic (4) 2. Posting completion test (4) 3. Immunization 4. Nutrition of Vitamins 5. BMW (4) 6. Immunity (4) 7. Visit CSSD (3)	1. Nutrition- cereals, millets 2. BMI
4.	Dr. Harshal Gupta	Professor	21	1. Function of Family and Social Pathology (5) 2. Health Project, Operation Research program evaluation(5) 3. Leprosy 4. ICDS (4) 5. ESIS (3) 6. Pasteurization(3)	1. Fertility related statistics
5.	Dr. Apurv Thakur	Assoc. Professor	31	1. Epidemiology of none communicable d/s (6) 2. Experimental epidemiology 3. Immunization (4) 4. Visit/School for Hearing Impaired Children 5. Visit to ICTC (3) 6. Visit to RHTC (3)	





# Sri Aurobindo Institute of Medical Sciences

## Sri Aurobindo Medical College & P.G. Institute

### SAIMS HOSPITAL, INDORE (M.P.)



				7. Visit to Hospital BMW (3) 8. Session Completion test (3) 9. Visit to Aaganwadi 10. Dist. Malaria Unit (3) 11. Dist. Disaster Management office (3)	
6.	Dr. Mayank rahul	Assoc. Professor	26	1. Epidemiology of NCDs diabetes (4) 2. Study of Vector (3) 3. Visit to UHTC (5) 4. Public Health Lab (6) 5. Water Treatment Plant (3) 6. Visit to Dairy (2)	1. Public health lab. 2. Entomology slides 3. Clinico-social family case discussion 4. steps in research process 5. Disinfection of water, hardness, chlorination, 6. Revision
7.	Dr. Teena Gupta	Asst. Professor	20	1. common d/s, mode of transmission, epidemic control, measures 2. Entomology, Mosquito, Red, fleas (4) 3. Occupational health and diseases, ESIS (5) 4. Posting	Entomology
8.	Dr. Chetna Deshmukh	Asst. Professor	24	1. Screening for Diabetes (6) 2. Experimental epidemiology (4) 3. HIV AIDS (2) 4. Visit Immunization Clinic (4) 5. Visit Blood bank (3) 6. Theory HIV/AIDS (3) 7. Visit Dairy 8. Water Purification plant	
9.	Dr. Dolly Mantri Mehta	Asst. Professor	28	1. Survey of local customs, practices during pregnancy, childbirth & lactation 2. Entomology 3. Water chemistry 4. Use of essential lab.	
10.	Dr. Nirmala Kiron	Asst. Professor	15	1. Demography (2) 2. Malnutrition and is Assessment and Children (3) 3. Malnutrition & Assessment Children Community (2) 4. Hospital pharmacy (3)	1. Demographic statistics 2. Methods of specimen collection in communicable



# Sri Aurobindo Institute of Medical Sciences

## Sri Aurobindo Medical College & P.G. Institute

### SAIMS HOSPITAL, INDORE (M.P.)



				5. Visit to TB Centre (3)	diseases
11.	Dr. Sana Afrin	Senior Resident	20	1. Common d/s, mode of transmission, epidemic control, measures (6) 2. Primary Health Center 3. Primary Health Center 4. Visit to TV Center (4) 5.Theory, NTEP(3)	



**DEPARTMENT OF GENERAL MEDICINE**

**LECTURES TAKEN**

<b>Sr. No.</b>	<b>Name of the faculty</b>	<b>Designation</b>	<b>Number of lectures taken/year, small teaching group with Topics covered</b>
1.	Dr. Dolly Joseph	Professor	05 Lectures, Introduction to GIT, Liver, Hepatitis acute & chronic, Gall bladder disease, Oesophagus
2.	Dr. Reena Singh	Asso. Professor	04 Lectures, Approach towards a patient with fever/Oedema. Approach towards a patient with anemia/Jaundice Approach towards a patient with Lymphadenopathy. Musculoskeletal-joint pain
3.	Dr. Shahid Abbas	Professor	05 Lectures, Renal Function Test, Acute Kidney Injury, Nephrotic Syndrome, Infections of Urinary System, Acute Glomerulonephropathy
4.	Dr. B.B.Gupta	Professor	27 Lectures 1. Introduction of Hormones 2. Diabetes Mellitus 3. Pituitary 4. Thyroid 5. Adrenal Gland 6. Multiple Endocrine syndrome 7. Vitamin D metabolism 8. Introduction of Cell line of hemopoiesis 9. Anemias 10. Microcytic Hypochromic Anaemias 11. Macrocytic Anaemias 12. Anemias Continue 13. Hemoglobinopathies 14. Hypoplastic/Aplastic Anemia 15. Introduction to WBCs-AML, ALL, CML,
5.	Dr. R.K.Jha	Prof. & HOD	03 Lectures, Clubbing Cyanosis, Angina, Cirrhosis of Liver,



# Sri Aurobindo Institute of Medical Sciences

## Sri Aurobindo Medical College & P.G. Institute

### SAIMS HOSPITAL, INDORE (M.P.)



6.	Dr. Manoj Kumar PK	Asst. Professor	4 Tutorial Class, X-Ray
7.	Dr. Gaurav Runwal	Asst. Professor	16, Tutorial Class Emergencies
8.	Dr. Ripal Neema	Senior Resident	5, Tutorial Class Drugs and Instruments
9.	Dr. Rupali Tiwari Shastri	Asst. Professor	15, Tutorial Class ECG
10.	Dr. Toshi Tiwari	Asst. Professor	5, Tutorial Class X-Ray
11.	Dr. Manoj Kumar PK	Asst. Professor	11, Tutorial Class Drugs and Instruments
12.	Dr. Prashant Jain	Asst. Professor	6 Tutorial Class X-Ray
13.	Dr. Yash Kotiwal	Asst. Professor	1 Tutorial Class ECG



**Sri Aurobindo Institute of Medical Sciences**  
**Sri Aurobindo Medical College & P.G. Institute**  
**SAIMS HOSPITAL, INDORE (M.P.)**



**DEPARTMENT OF DERMATOLOGY**

**LECTURES TAKEN**

<b>Sr. No.</b>	<b>Name of the faculty</b>	<b>Designation</b>	<b>Number of lectures taken, small teaching group with Topics covered</b>
1.	Dr. Kailash Bhatia	Professor and HOD	1.Papulosquamous disorders 2.Skin and Soft tissue infection 3.Viral infections
2.	Dr. Chaitanya Namdeo	Professor	1.Structure and function of skin 2.Cutaneous infestations 3.Leprosy 4.Drugs in Dermatology
3.	Dr. Vishal Agarwal	Associate Professor	1.Acne 2.Fungal Infections
4.	Dr. Siddharth Sethi	Assistant Professor	1.Immunobullous & Mechanobullous Disorders 2. Vitiligo 3.Malignant and Benign Skin tumors





**Sri Aurobindo Institute of Medical Sciences**  
**Sri Aurobindo Medical College & P.G. Institute**  
**SAIMS HOSPITAL, INDORE (M.P.)**



**DEPARTMENT OF PSYCHIATRY**

**LECTURES TAKEN**

<b>Sr. No.</b>	<b>Name of the faculty</b>	<b>Designation</b>	<b>Number of lectures taken/year, smallteaching group with Topics covered</b>
1.	Dr. Srikanth Reddy	Professor & Head	6
2.	Dr. Hiral Kotadia	Associate Professor	4
3.	Dr. Jitendra Keshwani	Assistant Professor	6
4.	Dr. Apurva Tiwari	Senior Resident	6

**DEPARTMENT OF RESPIRATORY MEDICINE**

**LECTURES TAKEN**

<b>Sr. No.</b>	<b>Name of the faculty</b>	<b>Designation</b>	<b>Number of lectures taken/year, small teaching group with Topics covered</b>
1.	Dr. Abhijeet Khandelwal	Professor & HOD	40/ Year, Vascular Disorders, Pneumonia, Recent Advances
2.	Dr. Ankur Agrawal	Asso. Prof.	61/ Year, Pleural Diseases, Sleep Disorders, Recent Advances.
3.	Dr. Piyu Jain	Asst. Prof.	73/Year, Asthma, Copd, Bronchiectasis
4.	Dr. Navdeep Labana	Asst. Prof.	76/ Year, Ild, Occupational Disorder, Environmental Disorder.
5.	Dr. Prakash Joshi	Sr. Resident	54/Year, Tuberculosis, Extra Pulmonary Tuberculosis.



# Sri Aurobindo Institute of Medical Sciences

## Sri Aurobindo Medical College & P.G. Institute

### SAIMS HOSPITAL, INDORE (M.P.)



#### DEPARTMENT OF PAEDIATRICS

#### LECTURES TAKEN

S.NO	NAME OF FACULTY	COVERED TOPICS	NO OF TOPICS
1.	Dr. Gunjan Kela	<ol style="list-style-type: none"> <li>1. Introduction to paediatrics</li> <li>2. Introduction of Paediatrics</li> <li>3. Developmental Delay</li> <li>4. Etiopathogenesis &amp; clinical approach of shock in children</li> <li>5. Cerebral Palsy</li> <li>6. Status Epilepticus</li> </ol>	06
2.	Dr. Swati Mulye	<ol style="list-style-type: none"> <li>1. Scurvy &amp; Vitamin B complex deficiency diseases</li> <li>2. Neural tube defects (pathophysiology and types)</li> <li>3. Symposium on Acid base disorders</li> <li>4. Epilepsy</li> <li>5. Role Play- History of Headache</li> <li>6. Counseling Parents of a child with poor scholastic performance</li> </ol>	05
3.	Dr. Hemant Jain	<ol style="list-style-type: none"> <li>1. Fever with rash</li> <li>2. Meningitis in children</li> <li>3. Pyogenic/Tubercular</li> <li>4. Neonatal sepsis &amp; NEC</li> </ol>	03
4.	Dr. Devendra Barua	<ol style="list-style-type: none"> <li>1. IMNCI guidelines Methods of risk stratification Referral criteria</li> <li>2. Etiopathogenesis &amp; clinical approach of respiratory distress in children</li> <li>3. Microcephaly and Macrocephaly</li> <li>4. Paediatric HIV</li> </ol>	04
5.	Dr. K.K. Arora	<ol style="list-style-type: none"> <li>1. Approach to child with Breathlessness</li> <li>2. Role of Vitamin A &amp; K in health &amp; disease</li> <li>3. Approach &amp; referral criteria to a child with hematuria.</li> <li>4. Epidemiology of vaccine preventable diseases</li> <li>5. Tuberculosis In Children Part-2 (Extra Pulmonary) &amp; NTEP Guidelines</li> <li>6. IMNCI guidelines Methods of risk stratification Referral criteria</li> <li>7. Diphtheria, Pertussis, Tetanus, Measles</li> <li>8. Approach to floppy Infant</li> </ol>	08
6.	Dr. Nandini Sodha	<ol style="list-style-type: none"> <li>1. Etiopathogenesis/Clinical Features &amp; Management of Failure to Thrive</li> <li>2. Etiopathogenesis/Clinical Features &amp; Management of Failure to Thrive</li> </ol>	02
7.	Dr. Apurva Kawdiya	<ol style="list-style-type: none"> <li>1. Pneumonia/ Empyema/ Persistent Pneumonia</li> <li>2. Behavioral problems in children Child guidance clinic /adolescent clinic Referral criteria</li> <li>3. Fluid and electrolyte balance in children (normal pathophysiology)</li> <li>4. Respiratory distress in newborn</li> </ol>	04
8.	Dr. Ankita Tiwari	<ol style="list-style-type: none"> <li>1. Behavioral problems in children Child guidance clinic /adolescent clinic</li> </ol>	03

		Referral criteria 2. Developmental delay 3. Polio in children /AFP/Polio end game strategy	
9.	Dr. Ankita Maheshwari	1. Diabetes Mellitus in Children 2. Adolescent-Stages/Puberty/SMR Common adolescent health problems 3. Fluid and electrolyte balance in children (normal pathophysiology) 4. Standard methods and tools for assessment of growth Shorts stature/Obesity 5. Adolescent-Stages/Puberty/SMR Common adolescent health problems 6. Thyroid hormone synthesis / Regulation & Etiopathogenesis of hypothyroidism 7. Metabolic problems in the newborn –Hypocalcaemia and Hypoglycemia	07
10.	Dr. Sumit Singh	1. Role of Antibiotics, Anti secretory drugs, Probiotics, Zinc Antispasmodics in acute diarrheal disorders	01
11.	Dr. Shubhi Verma	1. Bronchiolitis strider other acute Respiratory infections 2. Growth & Development- Factors affecting them Pattern of Growth 3. Down's syndrome/ Turner's/ Klinefelter's 4. Growth & Development- Factors affecting them Pattern of Growth 5. Standard methods and tools for assessment of growth 6. Learning Disabilities (ADHD/Autism) Intellectual Disability	06
12.	Dr. Gaurav Mogra	1. Temperature regulation in newborns and neonatal hypothermia 2. Breast Feeding ( Antenatal care /Preparation for lactation/Physiology and advantages)	02
13.	Dr. Nida Mirza	1. Complementary feeding • Principles • Techniques 2. Diarrheal disorders in children Acute diarrhoea (Definition and etiopathogenesis) 3. Complementary feeding • Principles • Techniques	03
14.	Dr. Sanjukta Bhargav	1. Congenital ACHD-VSD, ASD, PDA	01
15.	Dr. Prashant Agrawal	1. Fetal circulation/ Hemodynamics of Acyanotic & cyanotic heart diseases	01
16.	Dr. Swati Patel	1. Role of Iron in health & disease • Iron deficiency anemia • National anemia control programme 2. Role of Iron in health & disease Iron deficiency anemia National anemia control programme 3. Counseling and educating about prevention and treatment of anemia (Role Play) 4. Bleeding neonate & hemorrhagic disease of newborn	04
17.	Dr. Amit Patidar	1. Common Surgical Conditions in Newborn	05



# Sri Aurobindo Institute of Medical Sciences

## Sri Aurobindo Medical College & P.G. Institute

### SAIMS HOSPITAL, INDORE (M.P.)



		<ol style="list-style-type: none"><li>2. Child Abuse</li><li>3. Need &amp; process of triage of sick children Sequential approach of emergency &amp; priority signs</li><li>4. Tutorial on national health programs</li><li>5. Birth &amp; Perinatal Injuries</li></ol>	
18.	Dr. Akanksha Singh	<ol style="list-style-type: none"><li>1. Enteric fever, Viral hepatitis, Varicella</li><li>2. Role of Vitamin A &amp; K in health &amp; disease</li><li>3. National Health programmes pertaining to maternal and child health</li><li>4. Birth Asphyxia &amp; HIE</li></ol>	04
19.	Dr. Govind Choudhary	<ol style="list-style-type: none"><li>1. Tuberculosis in Children Part-1 (Pulmonary)</li><li>2. Approach and referral criteria of a child with proteinuria &amp; hematuria</li><li>3. Common Parasitic infection in children-Malaria/Helminthic infection/Amebiasis/Leishmaniae</li><li>4. CSF Circulation Hydrocephalus in children</li><li>5. Neonatal hyperbilirubinemia</li></ol>	05
20.	Dr. Swati Bhalse	<ol style="list-style-type: none"><li>1. Temperature regulation in newborns and neonatal hypothermia</li><li>2. Intranatal care of newborn (video + Power Point)</li><li>3. Types of high risk newborn/apnea in newborns/follow-up of NICU graduates</li></ol>	03



**Sri Aurobindo Institute of Medical Sciences**  
**Sri Aurobindo Medical College & P.G. Institute**  
**SAIMS HOSPITAL, INDORE (M.P.)**



**DEPARTMENT OF GENERAL SURGERY**

**LECTURES TAKEN**

Sr. No.	Name of Faculties	Covered Topics	No of Topics
21.	Dr. Manoj Kela	1. Liver & Portal hypertension	6 Lectures
		2. Melanoma & cutaneous lesions soft tissue sarcoma/abd wall/ umbilicus omentum/ mesentry	5 Lectures
3.	Dr. Sanjay Datey	1. Head & Neck region	6 Lectures
		2. Upper GIT	6 Lectures
4.	Dr. R.K. Vashistha	1. Lower GIT	6 Lectures
		2. Preop-preparationspecial consideration in adults. Aids & special precaution in surgical	3 Lectures
		3. Breast	5 Lectures
5.	Dr. S. Rege	1. Neuro Surgery	6 Lectures
6.	Dr. Advait Prakash	1. Pediatric Surgery	5 Lectures
7.	Dr. Rajesh Sharma	1. Venous system of lower limb varicose veins/ d.v.t.	5 Lectures
		2. G.B./ Pancreas/ Spleen	6 Lectures
		3. Hernia	3 Lectures
8.	Dr. Ajay Lunawat	1. Endocrines	6 Lectures
		2. Burn – type & management, burn complications & Management skin grafts/ skin flaps	3 Lectures
9.	Dr. Abhishek Kansal	1. Post-operative complication, precaution/management	2 Lectures
10.	Dr. Rohan Chapekar	1. Lymphatic of lower limb-lymph edema	3 Lectures
		2. Arterial system of lower limb, Ischemic limb-cause/ management aneurysm & management	5 Lectures





# Sri Aurobindo Institute of Medical Sciences

## Sri Aurobindo Medical College & P.G. Institute

### SAIMS HOSPITAL, INDORE (M.P.)



Sr. No.	Name of Faculties	Covered Topics	No of Topics
		3. Shock – type & management	4 Lectures
11.	Dr. Faiz Khan	1. Urology	6 Lectures
12.	Dr. Arun Kumar Mishra	1. Laparoscopic surgery principles & scope	3 Lectures
13.	Dr. Aishwariya Khare	1. Fluid / Electrolyte / Acid-base balance metabolism in surgical patients	5 Lectures
		2. Blood / Blood transfusion /Blood components / substitutes	4 Lectures
14.	Dr. Naveen Patidar	1. Sterile precaution & theatre safety	4 Lectures
		2. Advanced traumas life support & critical care in major trauma	4 Lectures
		3. Warfare Injuries	3 Lectures
15.	Dr. Apoorv Gupta	1. Wound / Ulcer / Sinus/ Fistula/ Swelling	5 Lectures

### SMALL TEACHING GROUP

Sr. No	Name of Faculties	Covered Topics	No of topics
1.	Dr. Arun Kumar Mishra	Instruments	Per Batch 5 Lectures
2.	Dr. Rohan Chaphekar Dr. Mukesh Soni	Operation	Per Batch 5 Lectures
3.	Dr. Apoorv Gupta	X-Ray	Per Batch 5 Lectures
4.	Dr. Naveen Patidar Dr. Aishwarya Khare	Spotting Specimen	Per Batch 5 Lectures



**Sri Aurobindo Institute of Medical Sciences**  
**Sri Aurobindo Medical College & P.G. Institute**  
**SAIMS HOSPITAL, INDORE (M.P.)**



**DEPARTMENT OF ORTHOPEDICS**

**LECTURES TAKEN**

<b>Sr. No.</b>	<b>Name of the faculty</b>	<b>Designation</b>	<b>Number of lectures taken/year Topics covered</b>
1.	Dr. Pradeep Choudhari	Professor & HOD	06
2.	Dr. Rajeev Shukla	Professor	06
3.	Dr. Arjun Jain	Professor	04
4.	Dr. Devendra Nayak	Professor	05
5.	Dr. Pushpvardhan Mandlecha	Assoc. Professor	05
6.	Dr. Neeraj Jain	Asst. Professor	15
7.	Dr. Mohit Mahoviya	Asst. Professor	10
8.	Dr. Rajdeep Bagga	Asst. Professor	05
9.	Dr. Aamir Johar	Asst. Professor	10
10.	Dr. Vishal Yadav	Senior Resident	04
11.	Dr. Abhishek Manu	Senior Resident	04
12.	Dr. Rishabh Chouhan	Senior Resident	08
13.	Dr. Adhir Jain	Senior Resident	05



**Sri Aurobindo Institute of Medical Sciences**  
**Sri Aurobindo Medical College & P.G. Institute**  
**SAIMS HOSPITAL, INDORE (M.P.)**



**DEPARTMENT OF OPHTHALMOLOGY**

**LECTURES TAKEN**

Sr. No.	Name of the faculty	Designation	Number of lectures taken/year, small teaching group with Topics covered	
			Theory	Demo
1.	Dr. Shreya Thatte	Prof & HOD	3	4
2.	Dr. Nitin Nema	Professor	3	4
3.	Dr. Amisha Jain	Assoc. Prof.	4	3
4.	Dr. Pragya Prakash	Asst. Prof.	4	3
5.	Dr. Sonam Verma	Asst. Prof.	4	3
6.	Dr. Aashi Bansal	Asst. Prof.	3	5
7.	Dr. Lalita Gupta	Senior Resident	3	5
8.	Dr. Rishabh Rathi	Senior Resident	3	5
9.	Dr. Ekta Sahu	Senior Resident	-	-
10.	Dr. Ishita Batra	Senior Resident	-	-



**DEPARTMENT OF OTORHINOLARYNGOLOGY (E.N.T.)**

**LECTURES TAKEN**

Sr. No.	Name of the faculty	Designation	Number of lectures taken/year	Small teaching group with Topics covered
1.	Dr. Brajendra Baser	Director and Professor	20	<ul style="list-style-type: none"><li>• Cochlear implant,</li><li>• Anatomy of nose,</li><li>• Anatomy of pns,</li><li>• Sinonasal mass,</li><li>• Neck spaces,</li><li>• Vocal cord palsy,</li><li>• Carcinoma of thyroid,</li><li>• Anatomy of larynx,</li><li>• Triangles of neck,</li><li>• Laryngeal paralysis,</li><li>• Parapharyngeal space tumors,</li><li>• Parathyroid gland,</li><li>• Infratemporal fossa,</li><li>• Diseases of the mouth,</li><li>• Diseases of the salivary glands ,</li><li>• Pharyngeal lesions associated with general diseases ,</li><li>• Diseases of the tonsils,</li><li>• Diseases of the adenoids,</li><li>• Tumors of the pharynx,</li><li>• Hypopharyngeal diverticulum (pharyngeal pouch),</li></ul>
2.	Dr. Vishal R. Munjal	Professor and HOD	32	<ul style="list-style-type: none"><li>• Congenital diseases of the larynx</li><li>• Acute &amp; chronic laryngitis,</li><li>• Laryngeal disorders in singers and other voice users,</li><li>• Neurological affections of larynx and pharynx,</li><li>• Laryngotomy,</li><li>• Acute laryngotrachea-bronchitis,</li><li>• Tracheostomy,</li><li>• Cervical node dissection ,</li><li>• Anatomy and physiology of thyroid gland,</li><li>• Micro laryngeal surgery/thyroplasty,</li><li>• Diseases of the thyroid</li><li>• Vascular lesions of the inner ear,</li><li>• Sleep apnoea syndrome,</li><li>• Carcinoma of maxillary sinus,</li></ul>



**Sri Aurobindo Institute of Medical Sciences**  
**Sri Aurobindo Medical College & P.G. Institute**  
**SAIMS HOSPITAL, INDORE (M.P.)**



Sr. No.	Name of the faculty	Designation	Number of lectures taken/year	Small teaching group with Topics covered
				<ul style="list-style-type: none"><li>• Acoustic neuroma,</li><li>• Parotid tumors,</li><li>• Salivary gland tumors,</li><li>• Assessment of vestibular function,</li><li>• Anatomy of external ear,</li><li>• Anatomy of middle ear,</li><li>• Anatomy of eustacian tube,</li><li>• Anatomy of internal ear,</li><li>• Acute otitis media,</li><li>• Csom,</li><li>• Complications of csom,</li><li>• Otosclerosis,</li><li>• Physiology of hearing,</li><li>• Meniere's disease,</li><li>• Facial nerve palsy,</li><li>• Allergic rhinitis,</li><li>• Deviated nasal septum,</li><li>• Acute &amp; chronic sinusitis,</li><li>• Epistaxis,</li></ul>
3.	Dr. Digant Patni	Associate Professor	16	<ul style="list-style-type: none"><li>• Otitis externa</li><li>• Malignant otitis externa</li><li>• Otomycosis</li><li>• Otitis media with effusion (OME) – complete</li><li>• Otic barotrauma</li><li>• Cholesteatoma</li><li>• Tuberculous osteomyelitis</li><li>• Mastoiditis</li><li>• Periostitis,</li><li>• Extradural abscess,</li><li>• Lateral sinus thrombophlebitis</li><li>• Hearing loss in children (Deaf Child)- causes, evaluation, management</li><li>• Rehabilitation- Hearing aids classification,</li><li>• BAHA,</li><li>• Acute and chronic tonsillitis</li><li>• Otagia- causes</li></ul>
4.	Dr. Anurag Manoj Srivastava	Assistant Professor	10	<ul style="list-style-type: none"><li>• Tympanic membrane</li><li>• Physiology of vestibular system</li><li>• Rinne's test, schwabach's &amp; weber's test</li></ul>





**Sri Aurobindo Institute of Medical Sciences**  
**Sri Aurobindo Medical College & P.G. Institute**  
**SAIMS HOSPITAL, INDORE (M.P.)**



Sr. No.	Name of the faculty	Designation	Number of lectures taken/year	Small teaching group with Topics covered
				<ul style="list-style-type: none"><li>• Tympanometry</li><li>• Auditory brainstem response</li><li>• Conductive hearing loss</li><li>• Snhl</li><li>• Ototoxicity</li><li>• Social and legal aspects: spontaneous nystagmus, romberg's test, fistula test, gait, dix hallpike, caloric test</li><li>• D/d vertigo</li></ul>
5.	Dr. Praveen Surana	Assistant Professor	09	<ul style="list-style-type: none"><li>• Furuncle of nose</li><li>• Nasal <i>septal hematoma</i></li><li>• Perforated septum</li><li>• Atrophic rhinitis</li><li>• Rhinoscleroma, Rhinosporidiosis</li><li>• <i>Nasal myiasis</i></li><li>• Cerebrospinal fluid (CSF) rhinorrhoea</li><li>• Allergic rhinitis</li><li>• Pleomorphic adenoma</li></ul>
6.	Dr. B.Deepthi	Assistant Professor	07	<ul style="list-style-type: none"><li>• Physiology of smell &amp; taste,</li><li>• Juvenile nasopharyngeal angiofibroma</li><li>• Vocal <i>rehabilitation</i></li><li>• Fb- air passages and oesophagus</li><li>• Constrictions + physio deglutition</li><li>• Dysphagia</li><li>• Hiv in ent</li></ul>



**Sri Aurobindo Institute of Medical Sciences**  
**Sri Aurobindo Medical College & P.G. Institute**  
**SAIMS HOSPITAL, INDORE (M.P.)**



**DEPARTMENT OF OBSTETRICS & GYNAECOLOGY**

**LECTURES TAKEN**

<b>Sr. No.</b>	<b>Name of the faculty</b>	<b>Designation</b>	<b>Number of lectures taken/year, small teaching group with Topics covered</b>	<b>Number of Lectures</b>
1.	Dr. Prof. Neeta Natu	Prof. & HOD	1. Intrapartum fetal monitoring 2. Injuries to birth canal 3. Safe Motherhood 4. Anemia in Pregnancy 5. Fibroids – 1 6. Fibroids – 2 7. Contraception-1 8. Contraception- 2 9. Intrapartum Fetal Monitoring 10. Injuries to birth Canal 11. Safe Motherhood 12. Specimens ( Ovarian Mass, H.mole, Fibroids) 13. Intrapartum Assessment of fetal 14. Malpresentation 15. Normal Labour-1 16. Normal Labour -2	16
2.	Dr. Prof. Nootan Chandwaskar	Professor	1. PROLAPSE - I 2. PROLAPSE - II 3. Occipito posterior 4. Hypertensive Disorders During Pregnancy 5. GTN 6. Endometriosis 7. Ca Endometriosis 8. Induction of Labour 9. Ca Endometriosis 10. Breech Presentation 11. Ca Endometriosis 12. Adenomyosis 13. Benign Lesions of ovary 14. PPH 15. OP Position Occipito Posterior Position	15
3.	Dr. Prof. Shazi Qureshi	Professor	1. AUB 2. Endometriosis 3. Rh Negative Pregnancy 4. Haemorrhage in Pregnancy 5. Gestational Trophoblastic Neoplasia 6. Hypertensive Disorders During Pregnancy-1 7. Hypertensive Disorders During Pregnancy-2 8. Rh-ve pregnancy Part-1 9. Rh-ve pregnancy Part-2 10. PID-1 11. PID-2 12. Genital TB	14



# Sri Aurobindo Institute of Medical Sciences

## Sri Aurobindo Medical College & P.G. Institute

### SAIMS HOSPITAL, INDORE (M.P.)



Sr. No.	Name of the faculty	Designation	Number of lectures taken/year, small teaching group with Topics covered	Number of Lectures
			13. Infertility-I 14. Infertility-II	
4.	Dr. Prof. Sunita Mishra	Professor	1. GDM Part-1 2. GDM Part-2 3. Amenorrhea 4. PPH Drill 5. Placenta Previa 6. Breast Feeding 7. Preterm Labor 8. Endometriosis 9. Adenomyosis 10. PROLAPSE 11. PROM & PRE PROM 12. Normal puerperium 13. Anemia in Pregnancy 14. Endometriosis	14
5.	Dr. Prof. Sayali Kulkarni	Professor	1. Amenorrhea 2. Hypertensive Disorders During Pregnancy 3. IUFD 4. Ca Cervix 5. Gestational thrombocytopenia 6. Carcinoma Endometrial 7. Puberty 8. Premalignant Lesions of Cervix Benign Lesions of Vulva 9. Puberty 10. PCOS 11. IUFD 12. IUGR 13. Ca Cervix 14. Carcinoma ovary	13
6.	Dr. Sapna Chauhan	Associate Professor	1. Breech Presentation	01
7.	Dr. Shruti Paliwal	Assistant Professor	1. Abortion Instrument 2. Diagnosis of Pregnancy 3. Induction of labour 4. Multiple Pregnancy 5. Vomiting During Pregnancy 6. Multiple Pregnancy 7. Antenatal Care 8. Diagnosis of Pregnancy 9. Laparoscopic Instruments and Laparoscopy 10. Dysmenorrhea 11. Vomiting in Pregnancy 12. IUGR	13



**Sri Aurobindo Institute of Medical Sciences**  
**Sri Aurobindo Medical College & P.G. Institute**  
**SAIMS HOSPITAL, INDORE (M.P.)**



Sr. No.	Name of the faculty	Designation	Number of lectures taken/year, small teaching group with Topics covered	Number of Lectures
			13. Antenatal Care	
8.	Dr. Ankita Singh Rege	Assistant Professor	1. Physiological During Pregnancy 2. Normal Puerperium 3. Amniotic Fluid Disorders 4. Amniotic Fluid Disorders 5. PROM 6. Safe Motherhood	06
9.	Dr. Shikha Bhadoriya	Assistant Professor	1. CTG 2. Complication Of 3 Stage Of Labor 3. Abnormalities of Puerperium 4. Infection of Pelvic Organs :- Endometrial, Falloplan, Tubes, Ovary, Parametrium 5. Amniotic Fluid Disorders 6. Chronic Pelvic Infection	06
10.	Dr. Himanshi Jain	Assistant Professor	1. Ectopic pregnancy 2. Preterm Labour 3. Injuries to Birth Canal 4. Anatomy of FGT 5. Abortion 6. Malposition & Malpresentation 7. Specimen of Multiple Pregnancy 8. Specimens of Fibroids 9. Contraception -2 10. Ventuse and Forceps 11. Dermoid Cyst 12. Antihypertensive Drugs 13. Active Management of third stage of labour/ 14. Sexually Transmitted Disease 15. Defense of Genital tract acute Pelvic Infestation	15
11.	Dr. Archana Roy	Assistant Professor	1. Anti-Consultants Drugs 2. Tocolytic Drugs 3. Benign Lesions of Vulva 4. Multiple Pregnancy 5. Diagnosis & Pregnancy & Antenatal Care/	05
12.	Dr. Vishakha Dixit	Assistant Professor	1. Development of placenta and placental abnormalities 2. Normal Labour- 3. Fetal Skull 4. Mechanism of Labour in breech 5. Gyn Specimens	05
13.	Dr. Shristi Jaiswal	Assistant Professor	1. Abnormal Puerperium 2. Diagnosis Of Pregnancy 3. Multiple Pregnancy	03
14.	Dr. Geetanjali Sanodiya	Assistant Professor	1. Drugs in Gynaecology 2. Breech Delivery 3. Doppler in Obs.	08



# Sri Aurobindo Institute of Medical Sciences

## Sri Aurobindo Medical College & P.G. Institute

### SAIMS HOSPITAL, INDORE (M.P.)



Sr. No.	Name of the faculty	Designation	Number of lectures taken/year, small teaching group with Topics covered	Number of Lectures
			4. Partograph 5. Fetal lie & Presentation 6. Normal & Abnormal PUBERTY 7. Ectopic Pregnancy 8. Sexually Transited Disease	
15.	Dr. Artika Gupta	Senior Resident	1. Normal Puerperium 2. Vomiting in Pregnancy 3. Ectopic Pregnancy 4. Placenta Previa	04
16.	Dr. Veeni Kaithwas	Senior Resident	1. Complication of Third Stage of Labour 2. Placenta Previa 3. IUGR 4. Oxytoxics 5. Intrapartum Fetal Monitoring	05
17.	Dr. Supriya Rajput	Senior Resident	1. Maternal Pelvic	01
18.	Dr. Shreya Gupta	Senior Resident	1. Methods of Induction of Labour, Merits & Demerits of each Methods over others 2. Machenism of Normal Labour 3. Specimen of Anencephaly 4. Contraception -1 5. Obstructed Labour 6. Approach to Adnexal Mass 7. Hormonal Contraceptive/ 8. Injuries to birth canal 9. Blood Supply, Nerve Supple Lymphatic to Pelvic Organs 10. Abruption	10
19.	Dr. Nandini Mandloi	Senior Resident	1. Drugs 2. Mechanism of abnormal labour 3. Abortion	03
20.	Dr. Shubhi Shrivastava	Senior Resident	1. Mullerian Anomalies 2. development of genital organs & Gonads Revision of all Specimens and Instruments 3. Obstructed Labour 4. Gyn. Instrument 5. Non Hormonal Contraceptive 6. Anatomy of FGT-2 7. Anemia in Pregnancy	07
21.	Dr. Shraddha Chouhan	Senior Resident	1. Specimen of V.Mole Placenta and Cord	01
22.	Dr. Namrata Pandey	Senior Resident	1. Machanism of labour - breech	01





**Sri Aurobindo Institute of Medical Sciences**  
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23.	Dr. Nidhi Bamaniya	Senior Resident	1. Induction of labour – I (Definition/Indication/ contraindic / Bishop's Scoring) 2. Mechanism of Labour 3. Supports, Muscles, & RASCIA in relation to pelvic Organs 4. Specimen (Fibroid, Molar Pregnancy) 5. Obstetrics Instrument 6. Gyn. Instrument 7. Supports, Mosles and Rascia in relation to Plevic Organs 8. Fetal Skull	08
24.	Dr. Nalini Dogne	Senior Resident	1. Induction of Labour 2. Obstetrics Specimen 3. Infection of Individual Pelvic Organ Vulva, Bartholin's Gland, Vagina, Cervix 4. Benign Lesions of Cervix 5. blood supply, lymphatic drainage & nerve supply to pelvis 6. Hormones in Gynaecology 7. Maternal Pelvic 8. Reproductive Neuroendocrinology	08
25.	Dr. Nehal Singh	Senior Resident	1. Ventuse & Forceps 2. Partogarth 3. Anatomy of FGT-1	03

**DEPARTMENT OF RADIODIAGNOSIS**

**LECTURES TAKEN**

Sr. No.	Name of the faculty	Designation	Number of lectures taken/year, small teaching group with Topics covered	Number of lecture
1.	Dr. Manish Bhagat	Professor and Head	1. Intra and extraaxial brain lesion in MRI. 2. Intracranial infection on MRI 3. Spinal tumors in adults 4. Facial and skull base fracture 5. Suprasellar masses 6. Hypoxic ischemic injury in neonates on MRI 7. Approach to prostate MRI	7
2.	Dr. Pramod Sakhi	Professor	1. Stroke imaging 2. CT cerebral angiogram 3. Introduction of HRCT chest. 4. Introduction to abdominal CT 5. Pelvis mass on CECT abdomen 6. Retroperitoneal mass on CECT abdomen 7. Shear wave Elastography on USG	7
3.	Dr. Kumud Julka	Professor	1. USG obs color Doppler 2. Foetal echo 3. USG of ovarian mass 4. Imaging of Twin pregnancy 5. Early pregnancy location and viability	5
4.	Dr. Ajit Ahuja	Professor	1. Chest x-ray interpretation heart and mediastinal 2. X ray assessment of ankle injuries	2
5.	Dr. Nitin Wadnere	Professor	1. Introduction to hepato-biliary USG 2. X-ray assessment of knee injury 3. Introduction to USG scrotum	3
6.	Dr. Ajay K. Gupta	Assoc. Professor	1. Introduction of shoulder USG 2. Introduction of pelvic USG 3. USG of inflammatory bowel disease 4. USG of acute abdomen 5. Role of TVS in early pregnancy	5
7.	Dr. Nishant Bhargava	Asst. Professor	1. Introduction to liver abscess pigtail insertion 2. Role of DSA to rule out aneurysm 3. Role of sclerotherapy in varicose vein	3
8.	Dr. Nirmal Phulwani	Asst. Professor	1. Role of MRI in uterine fibroid	1
9.	Dr. Sujay Saxena	Asst. Professor	1. Gastric outlet obstruction in USG with CT correlation	1



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10.	Dr. Bhavana Saraf	Asst. Professor	1. Role of CT in acute obstruction and perforation 2. Role of USG in pancreatitis and abdominal TB	2
11.	Dr. Shweta Singhal	Asst. Professor	1. Introduction to knee MRI 2. Focal lesion in Non-cirrhotic liver	2
12.	Dr. Rajkumari Rawat	Asst. Professor	1. USG breast with mammography correlation 2. USG breast to rule out neoplastic lesion	2
13.	Dr. Jyoti Khatri	Asst. Professor	1. Bilateral lower limb arterial and venous Doppler in DVT	1
14.	Dr. Anjali Gurjar	Senior resident	1. Role of USG to rule out placenta accreta increta and percreta	1
15.	Dr. Suyash Saxena	Senior resident	1. X-ray chest in pulmonary infection	1
16.	Dr. Arushi Kaushal Bang	Senior resident	1. Introduction to CT neck anatomy	1
17.	Dr. Cherry Bindal	Senior resident	1. Role of USG in low lying placenta	1



**DEPARTMENT OF ANAESTHESIOLOGY**

**LECTURES TAKEN**

<b>Sr. No.</b>	<b>Name of the faculty</b>	<b>Designation</b>	<b>Number of lectures taken/year, small teaching group with Topics covered</b>
1.	Dr. Sarita Gohiya	Professor	Monitoring in Anaesthesia
2.	Dr. Meghna M Rathi	Professor	General Anaesthesia- basic concept, related pharmacology and airway management / General Anaesthesia – induction, maintenance and principal of ventilation
3.	Dr. Shilkha Verma	Asst. Professor	Peripheral nerve block/ regional anaesthesia-principle indication central neuraxial blockage
4.	Dr. Swapnil Baraskar	Asst. Professor	Pain management; physiology and assessment/ pain management; pharmacology of drugs
5.	Dr. Anuruddha Singh	Asst. Professor	Anaesthesiologist as a peri operative physician/Perioperative evaluation
6.	Dr. Hemant Wanjare	Asst. Professor	Ethics in Anaesthesia MBBS Final year (part-1) /Inhalation Anaesthetic PG/Basic Circuitry of Cardio-pulmonary Bypass PG/Basic Life support-PG Dental/Basic overview of General Anaesthesia - PG Dental/Pain Management-Nursing  /BLS -Nursing/ICU monitoring - Nursing. /Case Discussion on Pregnant patient for/laposcopic Surgery-PG/Case discussion on Laproscopic Surgery-PG/Case Discussion on TURP -PG/Case discussion on Patient with PDA-PG/Airway/ Facemask/ Laryngoscope, ETT /SGA.
7.	Dr. Nupur Khare	Asst. Professor	Day care anaesthesia/ Anaesthesia outside operating room
8.	Dr. Nikita Ranjan	Asst. Professor	Fluid therapy and uses of blood products/ ICU critical care, principal of ventilation and ventilators
9.	Dr. Shruti Tolambiya Verma	Asst. Professor	Post anesthesia recovery

## DEPARTMENT OF RADIATION ONCOLOGY

### LECTURES TAKEN

Sr. No.	Name of Faculty	Designation	Number of lectures Taken	Lectures
1.	Dr. Virendra Bhandari	Professor & Head	17	CNS I
				CNS II
				Multiple Myeloma
				Ca Prostate
				Hepato Biliary Carcinoma
				Hypofractionation Part I
				Hypofractionation Part II
2.	Dr. Anil Sarolkar	Professor	7	Ca Endometrium
				Dose Distribution And Scatter Analysis
				Non Hodgkin's Lymphoma and Hodgkin's Lymphoma
				Ca Kidney + Bladder
				Ca Stomach
				Ca Anal Canal
3.	Dr. Deepka Malik	Assoc. Professor	5	Ca Colon
				Ca Testis
				Ca Breast I
				Ca Breast II
				Ca Lung
				Ca Esophagus
4.	Dr. Ashar I Lodi	Assist Professor	8	Mediastinal Tumor
				Head And Neck Part I and II
				Ca Vagina
				Glioma
				Soft Tissue Sarcoma
				Bone Tumors
	Dr. Amresh Kumar	Senior Resident	8	Miscellaneous
				Radiobiology I and II
				Medical Physics I and II