

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of Anatomy

| Name of the faculty & qualification | No. of Lectures taken/yr. | Topic covered |
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| Dr. Pawar S.E. MD | 30 | Introduction to Anatomy – (AN1.1) Embryology- Introduction to Embryology Embryology_ gametogenesis Embryology _ Fertilization Embryology- formation of placenta Embryology – Development of upper limb and lower limb Embryology _ Development of mammary gland Embryology –pharyngeal arches Embryology –Development of tongue,face,palate,thyroid gland Embryology –Development of heart Embryology –Development of lung Embryology –pharyngeal aortic arches Embryology –Development of GIT Embryology _ Stomach ,Small intestine, Large intestine, Rotation of gut Embryology –Development of male reproductive system, female reproductive system ,Endocrine system, Embryology-foetal circulation Anatomical basis of congenital anomalies Embryo Embryo Prenatal diagnosis Genetic 1(AN81.1-81.3) Chromosomes Genetic 2(AN73.1-73.3) Pattern of inheritance (AN74.1-74.4) Chromo aberrations& Clinical genetics Genetic counselling (AN75.5) |
| Dr. Mrs. Jadhav S.D. MD | 26 | CVS-1 (AN 5.1,5.2, 5.3,5.7) Skin & Fascia (AN4.1, 4.3-4.5) Axilla (AN 10.1,10.4,10.7) Axillary artery & nerve (AN 10.2, 10.13) Radial Nerve (AN12.2,12.13,11.4) & Median nerve (AN12.4) ECE (anatomy: Shoulder joint) AETCOM 1.1 (3 rd lecture) Femoral Triangle (AN 15.3,15.4) Femoral artery & Nerve (AN 15.1) Adductor canal & obturator nerve (AN 15.5,15.1) Sciatic Nerve (AN 16.5,18.3) Hip Joint (AN 17.1-17.3) V Drainage of LL (AN 20.5) Larynx (AN 38.1,38.3) Glossopharyngeal Nerve (AN 35.7) Cervical lymph nodes (AN 28.5,35.5) |

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| | | <p>Midbrain(AN61.1, 61.2) Column theory (AN 62.1) Thalamus & hypothalamus (AN62.5) Blood supply of brain (AN62.6) ECE with Chest Medicine (Diseases of lung) External features & interior of heart (AN22.2) ECE with Radiology: Basics of X-rays Incisions of abdomen (AN44.7) Peritoneum (AN 47.1) Caecum & appendix (AN47.5)</p> |
| Dr. Mrs. Marathe N.P. MD | 26 | <p>CVS-2 (AN5.5,5.6, 5.8) Mammary gland (AN 9.2) Musculocutaneous nerve (AN 11.2) & Ulnar Nerve (AN12.7,12.8) Dermatomes of upper limb(AN13.2), Histology – Muscular Tissue Histology – Bone & Cartilage Histology – Nervous Tissue Histology - Circulatory System Histology – Lymphatic System Histology – Glands Histology – Integumentary System (Skin) Histology – Respiratory System Histology – Endocrine gland IT (Lesions of spinal cord)Medicine/ neurosurgery Pons (AN59.1,59.2) & 4thventricle (AN63.1) Internal capsule Histology – Eye Histology – GIT-1(Lip,Tougue,Ear) Histology – GIT- 2- Esophagus,Stomach Histology – GIT-3- Small Intestine ,Dno,Jejunum, Ileum IT- Inguinal Hernia Histology- GIT-4- Large Intestine Appendix Histology- GIT-5- Accesory glands of digestion Histology – Nervous System – Cerebrum ,cerebellum,spinal cord Histology-Urinary system, Male reproductive system, Female reproductive system</p> |
| Mr. Lingaswamy Vermalla M.Sc. | 23 | <p>Joint (AN 2.5,2.6) Nervous system-2 (AN7.4- 7.7) Shoulder joint (AN 10.10, 10.12) Intrinsic muscles (AN 12.5) Sternoclavicular & acromioclavicular joints(AN 13.4) Popliteal Fossa (AN 16.6) Knee Joint -1(AN 18.5-18.7) Knee Joint -2(AN 18.5-18.7) Knee Joint -2(AN 18.5-18.7)</p> |

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| | | <p>Joints of Foot (AN 20.2) Muscles of Sole (AN 19.7) Arteries of LL (AN 15.1,16.1,18.2,19.2) Anastomosis around knee joint (AN 18.4)</p> <p>Submandibular region (AN 34.1,34.2) TMJ & Muscles of Mastication (AN 33.2,33.5) Hypoglossal Nerve (AN 35.7) Lateral Wall of Nose (AN 37.1) .4) Mediastenum (AN21.11) & Pericardium (AN22.1) Inguinal canal (AN44.4; 44.5) Intro to perineum & Ischio-rectal fossa(AN49.4) Suprarenal gland & ureter (AN47.5) Perineal spaces & pudendal N & vessels (AN49.1)</p> |
| Mr. Guntha Chinna Nagraju M.Sc. | 22 | <p>Muscle (AN3.1-3.3) Lymphatic system (AN 6.1- 6.3) Shoulder joint (AN 10.10, 10.12) Intrinsic muscles (AN 12.5) Sternoclavicular & acromioclavicular joints(AN 13.4) Introduction of LL (AN 20.7,20.9) Hamstring muscles (AN 16.4) Arches of Foot -1 (AN 19.5-19.7) Arches of Foot -2 (AN 19.5-19.7) Dermatomes of LL (AN 20.3) P Tonsil & Soft Palate (AN 36.1 – 36.4) Tongue (AN 39.1,39.2) Internal Ear (AN 40.3) Facial Spaces of Neck (AN 35.10) Medulla (AN 58.1-58.3) Special senses-Cochlea-organ of corti (AN 43.3) Cerebrum functional areas & white matter (AN62.2, 62.3) Intercostal spaces (AN21.4) & splanchnic Nerves (AN21.7, 23.6) Blood supply of heart (AN22.3-22.5) Ant. Abdominal wall (AN 44.2; 44.6) Duodenum & Pancreas (AN47.5)</p> |
| Mr. Rajeswara Rao N. M.Sc. | 22 | <p>Nervous system 1 (AN7.1- 7.3) Pectoralis Major & Minor (AN 9.1) Cubital fossa & brachial artery (AN11.3,11.5,11.6, AN 11.2) Scapular anastomosis (AN 10.9) Venous drainage of UL(AN13.1) IT – Anatomy with Physiology : Nerve Gluteus Maximus (AN 16.2) Calf Muscles (AN 19.1,19.3,19.4) Ankle Joint (AN 20.1) Inversion & eversion (AN 20.2) Planter arteries & Planter arches Facial Nerve (AN 28.4,28.7) IT with – Facial Nerve with Medicine Para-nasal Sinuses (AN 37.2.,37.3)</p> |

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| | | <p>Thoracic Outlet Syndrome (AN 35.9) Intro to CNS & meninges (AN56.1) Cerebrum sulci & gyri (AN62.2) Lateral ventricle & CSF circulation Bronchopulmonary segments (AN24.3) & Azygous system(AN23.3) & arch of Aorta Rectus sheath (AN44.3) Stomach (AN 47.5) Extra hepaticbiliaryapparatus(AN 47.5-47.7)</p> |
| Dr. Mrs. Patil A.A. M.Sc. | 11 | <p>Portal vein (AN47.8, 47.10, 47.11) Diaphragm & sub- phrenic abscess (AN 47.4,47.13, 47.14) Middle Ear (AN 40.2,40.4,40.5)</p> <p>Spinal cord (AN57.1) Cerebellum (AN60.1) Basal ganglia (AN62) Uterus (AN48.2) Urinary bladder (AN 48.2, 48.6) Rectum & anal canal & Ischiorectal Fossa (AN48.2, 48.8) Ovary & Fallopian tube (AN48.2) Prostate (AN48.2, 48.7)</p> |
| Dr. Ms. Patil P.D. MBBS | 30 | Osteology of Upperlimb, lower limb, head neck and face ,thorax and abdomen and revision –Batch -A |
| Dr. Gavhane G.R. MBBS | 24 | Osteology of Upperlimb, lower limb, head neck and face ,thorax and abdomen and revision–Batch -B |
| Dr. Mrs. Dhanorkar N. A. MBBS | 24 | Osteology of Upperlimb, lower limb, head neck and face ,thorax and abdomen and revision –Batch -C |
| Dr. Kahar R. S. MBBS | 05 | Revision of osteology and soft parts for all Batches |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of Biochemistry

| Name of the faculty & qualification | No. of Lectures taken/yr. | Topic covered |
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| Dr.Andure Dhananjay V. MBBS, MD | 26 | Introduction to Biochemistry 1 Chemistry of Lipid 4 Vitamins (Fat Soluble) 4 Lipid Metabolism 8 Integration of meta. of carbo, fats &Proteins 1 Protein Biosyn. & regulation of Gene Expression 4 Recombinant DNA Tech. 1 Thyroid function test 2 DEMO = 01 Total = 26 |
| Dr. Patil Sangita M. M.Sc(Med),Ph.D.(Med) | 29 | Cell 1 Chemistry of Carbohy. 4 Nucleic acid Chem. 2 Biological Oxidation 3 Carbohydrate Metabo. 9 Meta. of Nucleotides 3 Immuno & Immuno defense mech. 3 SGD = 03 DEMO = 01 Total = 29 |
| Dr. Bhagat Sonali S. M.Sc(Med),Ph.D.(Med) | 30 | Chemistry of Proteins with Plasma Proteins 5 Chemistry of Hemoglobin 2 Hemoglobin metabolism 3 Amino Acid Metabolism 9 Kidney function test 2 Antioxidants defense system & oxidative stress 3 LFT 2 Extra cellular Matrix – function & compoents 3 SGD = 03 DEMO = 02 Total = 30 |
| Mr. Sarguru D. M. Sc (Medical) | 15 | Nutrition 5 Water & Electrolyte Meta. 2 Cancer 1 Adrenal function test 2 SGD = 03 DEMO = 02 Total = 15 |

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| Dr. Mrs. Jaju J. B. MBBS, MD | 16 | Enzymes 5 Detoxification 1 Mineral Meta. (Major) 4 Vaccine development 1 SGD = 03 DEMO = 02 Total = 16 |
| Mrs. Dravid Urmila R. M.Sc (Med) | 19 | Vitamins (Water Soluble) 4 Mineral Meta. (Minor) 4 Acid-Base balance 2 Practicals = 04 SGD = 03 DEMO = 02 Total = 19 |
| Dr. Sayamber Nitin G. MBBS | 19 | Practicals = 03 SGD = 02 Total = 19 |
| Dr. Mrs. Mohole Deepa S MBBS | 19 | Practicals = 03 SGD = 02 Total = 19 |
| Dr. Pansambal Vikarant S. MBBS | 19 | Practicals = 03 SGD = 02 Total = 19 |
| Dr. Gadakh Yogita B. MBBS | | |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of Pharmacology

| Name of Faculty & Qualification | No. of Lectures Taken | Topics Covered |
|---------------------------------|-----------------------|--|
| Dr. Gade P.R. MD | 21 | Autonomic Nervous System Cholinergic transmission and cholinergic drugs: 2 Anticholinergic drugs: 2 Adrenergic transmission and adrenergic drugs: 3 Beta blockers: 2 Alpha blockers: 1 Management of Glaucoma: 1 Cardiovascular System Drugs acting on RAS : 2 Cardiac Glycosides and Drugs for heart failure: 2 Antiarrhythmic drugs : 2 Antianginal Drugs: 2 Antihypertensive drugs: 2 Total Lectures 21 |
| Dr. Vakade K.P. MD | 27 | Endocrine System Anterior Pituitary Hormone : 2 Thyroid and antithyroid drugs : 1 Diabetes management: 3 Corticosteroids: 2 Androgen and related drugs: 2 Estrogen, Progesterone, OCPs: 1 Drugs acting on uterus: 1 Drugs affecting calcium balance: 1 Antimicrobial System Antimicrobial drugs: general considerations 1 Cell wall synthesis inhibitors: 2 protein synthesis inhibitors: 3 DNA gyrase inhibitors:1 Antimetabolites: 1 Antitubercular drugs :1 Antimalarial Drugs 2 Anti-leprosy drugs 1 Antifungal drugs 1 Antiviral drugs 2 Antiprotozoal drugs 1 Total lectures 27 |
| Dr. Choure B.K. MD | 24 | Gastrointestinal System Drugs for peptic ulcer:2 Antiemetic drugs 2 Drugs for constipation:2 Drugs for diarrhoea 2 IBS & IBD management: 1 Central Nervous system Introduction to CNS 1 General Anesthesia: 2 Ethyl and methyl alcohol 1 |

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| | | Sedative hypnotics: 1 Antiepileptic drugs 2 Antiparkinsonian Drugs :2 Antipsychotic drugs 2 Antidepressants 1 Opioid analgesics 2 CNS stimulants and cognition enhancers: 1 Total lectures: 24 |
| Dr. Vijaykumar A.N. M.Sc. Ph.D. | 22 | General Pharmacology Introduction 1 Routes of drug administration 1 Pharmacokinetics: 4 Pharmacodynamics:3 ADR : 1 Factors affecting drug action :1 Rational pharmacotherapy: 1 Drug interactions: 1 Autacoids and related drugs Histamine and antihistaminics: 1 Drugs acting on serotonin system 2 Prostaglandins:2 NSAIDs: 2 Antirheumatoid drugs:1 Antigoat drugs: 1 Total lecture :22 |
| Dr. Mujawar J.R. M.Sc., Ph.D. | 14 | Respiratory system Cough management: 1 Antiasthma drugs 2 Blood -Hematinic and erythropoietin 2 Anticoagulants: 2 Coagulants: 1 Antiplatelet drugs 1 Fibrinolytic drugs 1 Hypolipidemic drugs 1 Management of MI 1 Plasma expanders: 1 Management of shock : 1 Total lectures 14 |
| Dr. Asha Jadhav MD | 05 | Renal System Physiology of Kidney :1 Diuretics : 2 Antidiuretics:2 Total lectures: 5 |
| Mr. Lodangi Naga Krishna, M.Sc. | 04 | Anticancer drugs Total lectures : 4 |
| Dr. Salve B.A. MD | 13 | Drugs acting on Peripheral Nervous system Local anaesthetics: 2 Skeletal muscle relaxants: 2 Preanaesthetic medications: 1 Miscellaneous drugs Immunosuppressants:2 Chelating agents: 1 |

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| | | Vitamins: 1 Vaccine and sera : 2 Drugs acting on skin and mucus membrane:2 Total lectures 13 |
| Dr. Ahluwalia P. G. MD | 04 | Practicals SGD: GIT Drugs for peptic ulcer 1 Antiemetic drugs 1 Drugs for constipation:1 Drugs for diarrhoea :1 IBS & IBD management: 1 Total lectures : 4 |
| Dr. Jaiswal S.S. MBBS | 14 | Practicals on Pharmacokinetics, pharmacodynamics, ADR, P drugs SGD on Respiratory System - bronchial asthma and cough management Total lectures: 14 |
| Dr. Bairagi G.D. MBBS | 16 | Practicals: Sources of drug information, Case studies SGD on Autacoids: Histamine and antihistaminics: Drugs acting on serotonin system Prostaglandins: NSAIDs: Antirheumatoid drugs: Antigout drugs: Renal system: Diuretic drugs Total lectures 16 |
| Dr. Kolhe K.R MBBS | 14 | Practicals : ADR reporting, ADR, Pharmacovigilance SGD on ANS: Drugs acting on Sympathetic nervous systems Drugs acting on adrenergic nervous system Management of glaucoma PNS: Skeletal muscle relaxants Total lecture:14 |
| Dr. Kalamkar D.D. MBBS | 10 | Practicals : Pharmacokinetics, Pharmacodynamics, routes of drug administration SGD on CVS: Angina management, antihypertensive drugs, calcium channel blockers CNS: antiparkinsonian drugs, Opioid analgesics Total lectures : 10 |
| Dr. Kapse M.M MBBS | 11 | Practicals Pharmacokinetics, Pharmacodynamics, routes of drug administration SGD: Blood: anticoagulants, antiplatelet drugs, lipid lowering drugs Total lectures:11 |
| Dr. Shinde B.B MBBS | 09 | Practicals: Sources of drug informations, ADR reporting , Pharmacovigilance SGD on Miscellaneous Drugs : Chelating agents, drug interactions, Immunosuppressants Total lectures:09 |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of Pathology

| Name of Faculty & qualification | No. of Lectures Taken | Topics Covered |
|---------------------------------|-----------------------|---|
| Dr. S. H. Khaparde MD | 12 | <p>PA1.1 Describe the role of a pathologist in diagnosis and management of disease.</p> <p>PA1.2 Enumerate common definitions & terms used in Pathology.</p> <p>PA1.3 Describe the history and evolution of Pathology.</p> <p>PA13.1 Describe hematopoiesis and extramedullary hematopoiesis.</p> <p>PA13.2 Describe the role of anticoagulants in hemat..</p> <p>PA13.3 Define and classify anemia.</p> <p>PA13.4 Enumerate and describe the investigation of anemia.</p> <p>PA33.1 Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications of osteomyelitis.</p> <p>PA33.2 Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications and metastases of bone tumors.</p> <p>PA33.3 Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications and metastases of soft tissue tumors.</p> <p>PA33.4 Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications of Paget's disease of the bone.</p> <p>PA 33.5 Classify and describe the etiology, immunology, pathogenesis, manifestations, radiologic and laboratory features, diagnostic criteria and complications of rheumatoid arthritis.</p> |
| Dr. M.B. Vaidya MD | 08 | <p>PA2.1 Demonstrate knowledge of the causes, mechanisms, types and effects of cell injury and their clinical significance.</p> <p>PA2.2 Describe the etiology of cell injury. Distinguish between reversible-irreversible injury: mechanisms; morphology of cell injury.</p> <p>PA2.3 Intracellular accumulation of fats, proteins, carbohydrates, pigments.</p> <p>PA13.5 Perform, Identify and describe the peripheral blood picture in anemia.</p> <p>PA14.1 Describe iron metabolism.</p> <p>PA14.2 Describe the etiology, investigations and differential diagnosis of microcytic hypochromic anemia.</p> <p>PA14.3 Identify and describe the peripheral smear in microcytic anemia.</p> <p>PA34.1 Describe the risk factors pathogenesis, pathology & natural history of squamous cell carcinoma of the skin.</p> <p>PA34.2 Describe the risk factors pathogenesis, pathology and natural history of basal cell carcinoma of the skin.</p> |

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| <p>Dr. B.B. Shinde MD</p> | <p>10</p> | <p>PA2.4 Describe and discuss Cell death- types, mechanisms, necrosis, apoptosis (basic as contrasted with necrosis), autolysis.</p> <p>PA2.5 Describe and discuss pathologic calcifications, gangrene.</p> <p>PA2.6 Describe and discuss cellular adaptations: atrophy, hypertrophy, hyperplasia, metaplasia, dysplasia.</p> <p>PA2.7 Describe and discuss the mechanisms of cellular aging and apoptosis.</p> <p>PA15.1 Describe the metabolism of Vitamin B12 and the etiology and pathogenesis of B12 deficiency.</p> <p>PA15.2 Describe laboratory investigations of macrocytic anemia.</p> <p>PA15.4 Enumerate the differences and describe the etiology and distinguishing features of megaloblastic and non-megaloblastic macrocytic anemia.</p> <p>PA34.3 Describe the distinguishing features between a nevus and melanoma. Describe the etiology, pathogenesis, risk factors morphology clinical features and metastases of melanoma.</p> <p>PA34.4 Identify, distinguish and describe common tumors of the skin.</p> <p>PA36.1 Describe the etiology, genetics, pathogenesis, pathology, presentation, sequelae and complications of retinoblastoma.</p> |
| <p>Dr. S.D. Deshmukh MD</p> | <p>13</p> | <p>PA4.1 Define and describe the general features of acute and chronic inflammation including stimuli, vascular and cellular events.</p> <p>PA4.2 Enumerate and describe the mediators of acute inflammation.</p> <p>PA4.3 Define and describe chronic inflammation including causes, types, types non-specific and granulomatous; and enumerate examples of each.</p> <p>PA4.4 Identify and describe acute and chronic inflammation in gross and microscopic specimens.</p> <p>PA5.1 Define and describe the process of repair and regeneration including wound healing and its types.</p> <p>PA16.1 Define and classify hemolytic anemia.</p> <p>PA16.2 Describe the pathogenesis and clinical features and hematologic indices of hemolytic anemia.</p> <p>PA16.3 Describe the pathogenesis, features, hematologic indices and peripheral blood picture of sickle cell anemia and thalassemia.</p> <p>PA16.4 Describe the etiology pathogenesis, hematologic indices and peripheral blood picture of Acquired hemolytic anemia.</p> <p>PA30.1 Describe the epidemiology, pathogenesis, etiology, pathology, screening, diagnosis and progression of carcinoma of the cervix.</p> <p>PA30.2 Describe the pathogenesis, etiology, pathology, diagnosis and progression and spread of carcinoma of the endometrium.</p> |

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| | | <p>PA30.3 Describe the pathogenesis, etiology, pathology, diagnosis and progression and spread of carcinoma of the leiomyomas and leiomyosarcomas.</p> <p>PA30.4 Classify and describe the etiology, pathogenesis, pathology, morphology, clinical course, spread and complications of ovarian tumors.</p> |
| Dr. Mrs. A.S. Phatke MD | 05 | <p>PA3.1 Describe the pathogenesis and pathology of amyloidosis.</p> <p>PA16.5 Describe the peripheral blood picture in different haemolytic anaemias.</p> <p>PA 17.1 Enumerate the etiology, pathogenesis and findings in aplastic anemia.</p> <p>PA30.5 Describe the etiology, pathogenesis, pathology, morphology, clinical course, spread and complications of gestational trophoblastic neoplasms.</p> <p>PA30.6 Describe the etiology and morphologic features of cervicitis.</p> |
| Dr. R. Khandelwal MD | 13 | <p>PA6.1 Define and describe edema, its types, pathogenesis and clinical correlations.</p> <p>PA6.2 Define and describe hyperemia, congestion, hemorrhage.</p> <p>PA6.3 Define and describe shock, its pathogenesis and its stages.</p> <p>PA6.4 Define and describe normal haemostasis and the etiopathogenesis and consequences of thrombosis.</p> <p>PA17.2 Enumerate the indications and describe the findings in bone marrow aspiration and biopsy.</p> <p>PA21.1 Describe normal hemostasis.</p> <p>PA21.2 Classify and describe the etiology, pathogenesis and pathology of vascular and platelet disorders including ITP and haemophilia's.</p> <p>PA 21.3. Differentiate platelet from clotting disorders based on the clinical and hematologic features.</p> <p>PA 21.4 Define and describe disseminated intravascular coagulation, its laboratory findings and diagnosis of disseminated intravascular coagulation</p> <p>PA21.5 Define and describe disseminated intravascular coagulation, its laboratory findings and diagnosis of Vitamin K deficiency.</p> <p>PA30.7 Describe the etiology, hormonal dependence, features and morphology of endometriosis.</p> <p>PA30.8 Describe the etiology and morphologic features of adenomyosis.</p> <p>PA30.9 Describe the etiology, hormonal dependence and morphology of endometrial hyperplasia.</p> |
| Dr. M.S. Unde MD | 07 | <p>PA3.2 Identify and describe amyloidosis in a pathology specimen.</p> <p>PA8.3 Observe a diagnostic cytology and its staining and interpret the specimen.</p> <p>PA22.4 Enumerate blood components and describe their clinical uses.</p> <p>PA22.5 Enumerate and describe infections transmitted by blood transfusion.</p> |

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| | | <p>PA22.6 Describe transfusion reactions and enumerate the steps in the investigation of a transfusion reaction.</p> <p>PA22.7 Enumerate the indications and describe the principles and procedure of autologous transfusion.</p> <p>PA ATCOM 2.4.</p> |
| Dr. S.S. Parhe MD | 07 | <p>PA6.5 Define and describe embolism and its causes and common types.</p> <p>PA6.6 Define and describe Ischaemia/infarction its types, etiology, morphologic changes and clinical effects.</p> <p>PA6.7 Identify and describe the gross and microscopic features of infarction in a pathologic specimen.</p> <p>PA 23.1 Describe abnormal urinary findings in disease states and identify and describe common urinary abnormalities in a clinical specimen.</p> <p>PA23.2 Describe abnormal findings in body fluids in various disease states.</p> <p>PA23.3 Describe and interpret the abnormalities in a panel containing semen analysis, thyroid function tests, renal function tests or liver function tests.</p> <p>PA ATCOM 2.4.</p> |
| Dr. S.R. Patil MD | 07 | <p>PA13.5 Perform, Identify and describe the peripheral blood picture in anemia.</p> <p>PA14.3 Identify and describe the peripheral smear in microcytic anemia.</p> <p>PA24.1 Describe the etiology, pathogenesis, pathology and clinical features of oral cancers.</p> <p>PA24.2 Describe the etiology, pathogenesis, pathology, microbiology, clinical and microscopic features of peptic ulcer disease.</p> <p>PA24.3 Describe and identify the microscopic features of peptic ulcer.</p> <p>PA24.4 Describe and etiology and pathogenesis and pathologic features of carcinoma of the stomach.</p> <p>PA ATCOM 2.4.</p> |
| Dr. Mrs. S.S. Bhalsing MD | 07 | <p>PA 2.8 Identify and describe various forms of cell injuries, their manifestations and consequences in gross and microscopic specimens.</p> <p>PA4.4 Identify and describe acute and chronic inflammation in gross and microscopic specimens.</p> <p>PA6.7 Identify and describe the gross and microscopic features of infarction in a pathologic specimen.</p> <p>PA24.5 Describe and etiology and pathogenesis and pathologic features of Tuberculosis of the intestine.</p> <p>PA24.6 Describe and etiology and pathogenesis and pathologic and distinguishing features of Inflammatory bowel disease.</p> <p>PA24.7 Describe the etiology, pathogenesis, pathology and distinguishing features of carcinoma of the colon.</p> <p>PA ATCOM 2.4.</p> |

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| <p>Dr. H.P. Shah MD</p> | <p>06</p> | <p>PA15.3 Identify and describe the peripheral blood picture of macrocytic anemia. PA16.6 Prepare a peripheral blood smear and identify haemolytic anaemia from it. PA16.7 Describe the correct technique to perform a cross match. PA25.1 Describe bilirubin metabolism, enumerate the etiology and pathogenesis of jaundice, distinguish between direct and indirect hyperbilirubinemia. PA25.2 Describe the pathophysiology and pathologic changes seen in hepatic failure and their clinical manifestations, complications and consequences. PA ATCOM 2.4.</p> |
| <p>Dr. Aarti Buge MD</p> | <p>09</p> | <p>PA7.1 Define and classify neoplasia. Describe the characteristics of neoplasia including gross, microscopy, biologic, behaviour and spread. Differentiate between benign from malignant neoplasms. PA7.2 Describe the molecular basis of cancer. PA7.3 Enumerate carcinogens and describe the process of carcinogenesis. PA7.4 Describe the effects of tumor on the host including paraneoplastic syndrome. PA25.3 Describe the etiology and pathogenesis of viral and toxic hepatitis: distinguish the causes of hepatitis based on the clinical and laboratory features. Describe the pathology, complications and consequences of hepatitis. PA25.4 Describe the pathophysiology, pathology and progression of alcoholic liver disease including cirrhosis. PA25.5 Describe the etiology, pathogenesis and complications of portal hypertension. PA25.6 Interpret liver function and viral hepatitis serology panel. Distinguish obstructive from non-obstructive jaundice based on clinical features and liver function tests. PA ATCOM 2.4.</p> |
| <p>Dr. A.V. Zawar MBBS</p> | <p>05</p> | <p>PA19.1 Enumerate the causes and describe the differentiating features of lymphadenopathy. PA19.2 Describe the pathogenesis and pathology of tuberculous lymphadenitis. PA29.3 Describe the pathogenesis, pathology, hormonal dependency presenting and distinguishing features, urologic findings & diagnostic tests of benign prostatic hyperplasia. PA29.4 Describe the pathogenesis, pathology, hormonal dependency presenting and distinguishing features, diagnostic tests, progression and spread of carcinoma of the prostate. PA ATCOM 2.8</p> |

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| Dr. Priyanka Ingole | 06 | <p>PA19.3 Identify and describe the features of tuberculous lymphadenitis in a gross and microscopic specimen.</p> <p>PA19.4 Describe and discuss the pathogenesis, pathology and the differentiating features of Hodgkin's and non-Hodgkin's lymphoma.</p> <p>PA19.5 Identify and describe the features of Hodgkin's lymphoma in a gross and microscopic specimen.</p> <p>PA31.3 Describe and identify the morphologic and microscopic features of carcinoma of the breast.</p> <p>PA31.4 Enumerate and describe the etiology, hormonal dependency and pathogenesis of gynecomastia.</p> <p>PA ATCOM 2.8</p> |
| Dr. Nandini Agrawal MD | 07 | <p>PA19.6 Enumerate and differentiate the causes of splenomegaly.</p> <p>PA19.7 Identify and describe the gross specimen of an enlarged spleen.</p> <p>PA 20.1 Describe the features of plasma cell myeloma.</p> <p>PA32.2 Describe the etiology, cause, iodine dependency, pathogenesis, manifestations, laboratory and imaging features and course of thyrotoxicosis.</p> <p>PA32.3 Describe the etiology, pathogenesis, manifestations, laboratory and imaging features and course of thyrotoxicosis/ hypothyroidism.</p> <p>PA32.4 Classify and describe the epidemiology, etiology, pathogenesis, pathology, clinical laboratory features, complications and progression of diabetes mellitus.</p> <p>PA ATCOM 2.8</p> |
| Dr. Sneha Patrike MBBS | 05 | <p>PA21.4 Define and describe disseminated intravascular coagulation, its laboratory findings and diagnosis of disseminated intravascular coagulation.(Small group Learning).</p> <p>PA32.5 Describe the etiology, genetics, pathogenesis, manifestations, laboratory and morphologic features of hyperparathyroidism.</p> <p>PA32.6 Describe the etiology, pathogenesis, manifestations, laboratory, morphologic features, complications and metastases of pancreatic cancer.</p> <p>PA32.7 Describe the etiology, pathogenesis, manifestations, laboratory, morphologic features, complications of adrenal insufficiency.</p> <p>PA ATCOM 2.8</p> |
| Dr. Aditi Sakarkar MBBS | 3 | <p>PA21.5 Define and describe disseminated intravascular coagulation,its laboratory findings and diagnosis of Vitamin K deficiency.(Small group Learning).</p> <p>PA 32.9 Describe the etiology, pathogenesis, manifestations, laboratory and morphologic features of adrenal neoplasms.</p> <p>PA – Tutorial</p> |

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| Dr. Jidnyasa Munot MBBS | 3 | PA22.1 Classify and describe blood group systems (ABO and RH). PA 32.8 Describe the etiology, pathogenesis, manifestations, laboratory, morphologic features, complications of Cushing's syndrome. PA – Tutorial |
| Dr. A.M. Gavhane MBBS | 3 | PA22.2 Enumerate the indications, describe the principles, enumerate and demonstrate the steps of compatibility testing. PA34.4 Identify, distinguish and describe common tumors of the skin. PA – Tutorial |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of Microbiology

| Sr. No | Name of the Faculty | No. of lectures /Year | Topics Covered |
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| 1 | Dr. Abhijit Awari | 13 | Lectures Practical: 3 Integrated= 1 Small Group Discussion= 2 Seminar= 1, Clinical Case= 4 |
| 2 | Dr. Prachi Anchawale | 13 | Lectures Practical -7 Small group discussion- 10 Integrated lectures-1 Clinical Case: 3 |
| 3 | Dr. Meghana Patankar | 04 | Lectures Practical: 1 Small Group Discussion: 3 Seminar: 1 |
| 4 | Dr. Aparna Shinde | 11 | Lectures Practical's -7 Small group discussion- 13 Integrated lectures-3 |
| 5 | Mrs. Shraddha Gunjal | 08 | Lecture Practical: 8 Small Group Discussion: 10, Seminar-1, Case Study -3 |
| 6 | Mr. Prasad Gunjal | 08 | Lecture Practical: 8 Small Group Discussion: 8, Seminar-1, Integrated Teaching- 1 Case Study -3 |
| 7 | Mr. Nagaraju Devarapalli | 15 | Lectures Practical - 8 Small group discussion-9 Integrated lectures-3 Clinical Case- 2 |
| 8 | Dr. Ahuja Gunjan | -- | Practical:12 |
| 9 | Dr. Anil Zarekar | -- | Practical:12 |
| 10 | Dr. Santosh Nangare | -- | Practical:13 |

Faculty wise details of Lectures
 During 1/10/2020 to 30/9/2021
Forensic Medicine and Toxicology

| Name of faculty & qualification | No. of Lectures Taken | Topics Covered |
|---------------------------------|-----------------------|---|
| Dr. Sandeep S. Kadu MD | 16 | 1.Introduction of Forensic Medicine. |
| | | 2.Legal Procedures. |
| | | 3.Death and Post-mortem Changes. |
| | | 4.Death and Post-mortem Changes. |
| | | 5.Medicolegal Autopsy. |
| | | 6.Identification. |
| | | 7.Identification. |
| | | 8.Identification. |
| | | 9.Identification. |
| | | 10.Snake bite, Scorpion bite, Bee and Wasp Sting. |
| | | 11.Organic Chemical Irritant Poisons, Organophosphorus poisoning. |
| | | 12.Animal irritant poisons, Snake bite, Scorpion bite. |
| | | 13.Cardiac Poisons. |
| | | 14.Cardiac Poisons. |
| | | 15.Medical Jurisprudence. |
| | | 16.Mechanical Injuries. |
| Dr. Shivnath N. Parkhe MD | 14 | 1.Regional injuries. |
| | | 2.Injuries due to Electrocutation & Lightning. |
| | | 3.Agricultural poisons. |
| | | 4 Drug Dependence. |
| | | 5.Organic irritant poisons. |
| | | 6.Metallic irritant poisons. |
| | | 7.Death and Post-mortem changes. |

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| | | 8. Death and Post-mortem changes. |
| | | 9. Death and Post-mortem changes. |
| | | 10. Death and Post-mortem changes. |
| | | 11. Death and Post-mortem changes. |
| | | 12. Medicolegal Autopsy. |
| | | 13. General Toxicology. |
| | | 14. General Toxicology. |
| Dr. Sandeep B. Auti MBBS | 11 | 1. Metallic irritant chemical poisons . |
| | | 2. Injury Certificate. |
| | | 3. Weapon Certificate. |
| | | 4. Certification of Sexual Offences. |
| | | 5. Medicolegal Autopsy. |
| | | 6. Death and Post-mortem changes. |
| | | 7. DNA Fingerprinting. |
| | | 8. Examination of Skeletons. |
| | | 9. Medicolegal Reports. |
| | | 10. General Toxicology. |
| | | 11. Corrosive poisons. |
| Dr. Arjun V. Shinde. MBBS | 08 | 1. Cardiac poisons. |
| | | 2. Cardiac poisons. |
| | | 3. Weapon Certificate. |
| | | 4. Certificate of Accused of Sexual offences. |
| | | 5. Certificate of Victim of Sexual offences. |
| | | 6. Introduction of Forensic Medicine. |
| | | 7. Medicolegal Autopsy. |
| | | 8. Certificate of Age Estimation. |

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| Dr. Rahul C. Borude. MBBS | 04 | 1.Certificate of Drunkenness. |
| | | 2.Study of Medicolegal photographs. |
| | | 3.Study of Medicolegal photographs. |
| | | 4.Certificate of Injury. |
| Dr. Rahul C. Borude. MBBS | 09 | 1.Certificate of Drunkenness. |
| | | 2. Certificate of Drunkenness. |
| | | 3. Museum Visit. |
| | | 4. Museum Visit. |
| | | 5. Demonstration of Post-mortem Instruments. |
| | | 6. Medicolegal Autopsy. |
| | | 7. Medicolegal Autopsy. |
| | | 8. Metallic poisons. |
| | | 9. Inorganic Metallic poisons. |
| Dr. P. C. Pacharne MBBS | 01 | 1. Tutorial- Summons. |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of Community Medicine

| Name of the Faculty Qualification | Total No. of Lecture taken | Number of lectures taken /year Topic Covered |
|---|----------------------------------|--|
| Dr. Mrs. Avachat Shubhada Sunil MD, | 13 | MCH, Epidemiology, Mental Health |
| Dr. More Satish Chidanandrao MD | 13 | Nutrition, Genetics/Disaster International health |
| Dr. Raut Pritish, MD | 13 | Health care delivery Epidemiology ,Nat. Health programme |
| Dr. Gaikwad Rajesh Vishwanath, MD | 13 | Health planning,health eduction Communicable Disease / Biomed waste |
| Dr. Burungale Shyam Umakant | 16 | N.C.D.,Occ Health Environment |
| Dr.. Chandrachood Manadar V, MD | 16 | Demography, Environment |
| Mr. Lokhande Shankar P. M.Sc. Stat. | 8 | Biostatistics |
| Dr. Sathe Vijay P. MBBS | 17 | Environment, Nutrition |
| Dr. Dongare B R, MBBS | 17 | Environment, Nutrition |
| Dr. Mrs. Tarde S S MBBS | 18 | Field Visits, Clinical Postings |
| Dr. Mhaske S B MBBS | 18 | Field Visits, Clinical Postings |
| Dr. Mrs. Veer Supriya Mahesh MBS | 13 | Field Visits, Clinical Postings |
| Dr. Mrs. Bhagwat S.K MBBS | 1 | Revision Practicals, Environment |
| Dr. Deshmukh Ajinkya Vijayrao, MBBS | 6 | Revision Practicals, Environment |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of General Medicine

| Name of faculty & qualification | No. of lectures taken | Topics covered |
|--|-----------------------|--|
| Dr. Arun Tyagi MD | 20 | Neurology – applied anatomy, physiology, symptoms, history taking. |
| | | Investigations – non invasive |
| | | Investigations – invasive |
| | | CNS infections – pyogenic meningitis and brain abscess. |
| | | CNS Tuberculosis |
| | | Viral encephalitis with specific emphasis on Japanese B, Herpes simplex |
| | | CNS Manifestations of AIDS & Neurosyphilis |
| | | Epilepsy |
| | | Cerebrovascular accident – TIA, Thrombosis |
| | | Cerebrovascular accident – embolism, haemorrhage |
| | | Extrapyramidal disease |
| | | Cerebellar syndrome, disorders of speech |
| | | Introduction – hormones, types, action, control of secretion. |
| | | Diseases of hypothalamus & Anterior pituitary disorders. |
| | | Diseases of hypothalamus & post pituitary disorders. |
| | | Thyroid gland – structure, synthesis and functions of hormone, hypothyroidism. |
| | | Thyroid gland – Goitre, Hyperthyroidism |
| | | Diabetes mellitus – classification, pathophysiology, clinical features, diagnosis. |
| Diabetes mellitus – principles and modes of treatment. | | |
| Diabetes mellitus – complications, management. | | |
| Dr. Kataria V.S MD | 03 | Concept & objectives of history taking, diagnosis, provisional & differential |
| | | Poisoning- general concepts, types, diagnosis, management. |
| | | Temperature regulation, fever |
| Dr. Mrs. Waran M.S MD | 29 | Hypertension- etiopathology, clinical features, investigations |
| | | Hypertension – complications, management & hypertensive emergency |
| | | Congenital heart diseases – part I Cyanotic – fallot's tetralogy |
| | | Congenital heart diseases – part II |
| | | Pericarditis & pericardial effusion, myocarditis, cardiomyopathy |
| | | Diseases of aorta, arteries, veins |
| | | Chronic cor pulmonale |

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| | | Arrhythmia – I |
| | | Revision Class for Arrhythmia –II |
| | | Hypertension- etiopathology, clinical features, investigations |
| | | Hypertension –complications, management & hypertensive emergencie |
| | | Congenital heart diseases – part I Cynotic – fallot’ tetology |
| | | Congenital heart diseases – part II |
| | | Pericarditis & pericardial effusion, myocarditis, cardiomyopathy |
| | | Diseases of aorta,arteries,veins |
| | | Chronic cor pulmonale |
| | | Arrhythmia – I |
| | | Revision Class for Arrhythmia –II |
| | | Approach To Patient With Renal Diseases |
| | | Investigations of a Case Of Urinary Tract Disease |
| | | Acute Glomerulopathies |
| | | Chronic Glomerulopathies |
| | | Allergy Hypersensitivity Autoimmunity |
| | | Acid Base Disturbances |
| | | Autoimmune Disorders |
| | | Hypertension –complications, management & hypertensive emergencie |
| | | Congenital heart diseases – part I Cynotic – fallot’ tetology |
| | | Congenital heart diseases – part II |
| | | Pericarditis & pericardial effusion, myocarditis, cardiomyopathy |
| Dr. Shrivastava A.K. MD | 30 | Introduction- types, Modes of transmission,host defenses, management, immunity, infectitious diseases prevention, immuni zation- |
| | | Enteric fever, brucellosis, typhus |
| | | Malaria including cerebral malaria. |
| | | Teatnus, rabies, gas gangrene. |
| | | Filariasis inciuding tropical eosinophilia. |
| | | Leismaniasis, kala azar |
| | | Leptospirosis, plague, dengue. |
| | | Worm infestation, giardiasis. |
| | | Amoebiasis, intestinal & extra intestinal. |
| | | Diarhoea, dysentery including cholera & food poisoning. |
| | | HIV& AIDS |
| | | Introduction to haemoposis & anaemias – etiology, classification. |
| | | Anemia – microcytic hypochromic. |
| | | Anemia – Macrocytic . |
| | | Aplastic – anaemias . |
| | | Anemia – Haemolytic . |
| | | Hemoglobinopathies |
| | | Approach to bleeding & clotting disorders, investigations. |
| | | Bleeding disorders. |

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| | | Introduction to Gastrointestinal system – oral cavity, ulcers, bleeding oral manifestations of systemic diseases GI & Hepatobiliary, pancreas Evaluation of G.I.cases. Anorexia, nausea, vomiting, diarrhoea, constipation. Disorders of oesophagus – dysphagia, motility disorders, carcinoma Acid peptic disease – gastritis, peptic ulcers. Intestinal secretions & malabsorption syndromes. Inflammatory bowel disease & irritable bowel syndrome, Ulcerative colitis, Crohn's disease Abdominal tuberculosis Pancreatitis - acute & chronic. Bilirubin metabolism, its disorders & interpretation of LFT. Viral hepatitis, drug induced hepatitis & chronic hepatitis. Liver cirrhosis – etiology, clinical features, |
| Dr. Khare A.B MD | 32 | Genetics Alcohol related disorders Pollution – air, water, food Smoking related disorders Shock Investigations – (non invasive) x-ray, USG, CT-MRI SCAN Peripheral smear secretions examination Approach towards a patient with fever Investigations – invasive Approach towards a patient with oedema Approach towards a patient with jaundice Symptomatology of Nervous system Disorders Review of common diseases in India (communicable) Review of common diseases in India (non-communicable) Approach towards a patient with anaemia Giddiness, syncope, vertigo Oedema, ascites Jaundice Nausea, vomiting, diarrhoea, constipation Dysphagia, G.I bleeding, abdominal pain. Anorexia, weight loss, obesity. Dyspnoea, hypoxia, cyanosis. Cough, hemoptysis, clubbing. Chest pain, palpitations. Motor weakness, ataxia. Involuntary movements. Sensory loss. Speech disorders. Cranial nerves. Coma Headache. Bladder disturbances. Urinary complaints. |
| Dr. Jagtap P.D. | 05 | Spinal cord disorders (compressive myelopathies) |

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| MD | | Spinal cord disorders (noncompressive myelopathies) Calcium metabolism, Vitamin D, disorders of Parathyroid glands. |
| Dr. Phatke S.S. MD | | Polyneuropathies including gullian barre syndrome Calcium metabolism, Vitamin D, disorders of Parathyroid glands. |
| Dr. Gadekar R.D MD | 05 | Symptomatology of cardiovascular diseases- Approach towards a patient with lymphadenopathy Specific poisonings- opo, barbiturates, chemical & drugs- common. Anemia. Lymphadenopathy, disorders of WBC s. |
| Dr. Dungarwal P.F MD | 03 | Introduction – anatomy, physiology, applications. Nephrotic Syndrome Collagen Vascular Disease – I |
| Dr. Sable A.V. MD | 06 | HIV & AIDS Nutrition related disorders Clotting disorders. Introduction to Leucoposis & Acute leukemias – AML, ALL Liver cirrhosis – diagnosis, complications & management. Portal hypertension – etiology, clinical features, investigations, management. |
| Dr. Mrs. Kusalkar D A MD | 03 | Muscle disorders – myopathies and myasthenia gravis Intracranial SOL Disorders of the adrenals & corticosteroid therapy. |
| Dr. Korde P.P. MD | 02 | Coma – classification, clinical features & management. Disorders of the adrenals & corticosteroid therapy. |
| Dr. Tryambake S.S. MD | 03 | Parkinsonism Peripheral Neuropathy FSH, LH, Oestrogen, progesterone disorders & management, MEN & paraneoplastic syndrome |
| Dr. Warude S.E MD | 05 | Medical ethics & bedside manners Symptomatology of respiratory diseases Snake bite, insect bites, scorpion bite. Symptomatology of Gastrointestinal & Hepatobiliary diseases Bleeding & clotting disorders. Shock, hypovolemia. |
| Dr. Shinde A.M MD | 03 | Universal biosafety precautions Electrical injury- types, manifestations, management. Lightning, Radiation exposure Backache, joint pain. |
| Dr. Ms. Gaikwad P M MD | 03 | Symptomatology of Gastrointestinal & Hepatobiliary diseases Skin & oral manifestations of disease Hyperpyrexia, heat exhaustion heat stroke aetiopathology, clinical features, types, management, prevention. |

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| Dr. Mundhe A.E MD | 05 | Methods of evaluation (non-invasive) |
| | | Methods of evaluation (invasive) |
| | | Infections of Urinary Tract |
| | | Obstructive uropathy- Renal stones |
| | | Collagen Vascular Disease – II |
| Dr. Thopte O.S MD | 09 | Arthritis – Rheumatoid – I |
| | | Arthritis – Seronegative spondyloarthropathy. |
| | | Arthroplasty Of Other Forms |
| | | Valvular heart diseases – mitral stenosis, mitral incompetence |
| | | Aortic valve disease aortic stenosis, aortic incompetence. |
| | | Ischaemic heart disease –I |
| | | Ischaemic heart disease –II |
| | | Chronic Renal Failure I |
| | | Chronic Renal Failure II |
| Dr. Ghule S.V. MD | 04 | Heart failure – types, causes, clinical features, diagnosis, treatment |
| | | Rheumatic fever |
| | | Acute Renal Failure |
| | | Fluid & Electrolyte Disturbances |
| Dr. Kurhade A.A MD | 04 | Infective endocarditis. |
| | | Revision Class for Disorders of kidneys & Urinary system |
| | | Approach to Proteinuria, hematuria |
| | | Revision Class Fluid, Electrolyte & Auto Immune Disorders |
| Dr. Ajmere V. C. MD | 05 | Liver cell failure – acute |
| | | Chronic leukemias – CML, CLL |
| | | Lymphomas – Hodgking's, NHL |
| | | Nutrition- concepts, RDA, Blanced diet |
| | | Proten energy malnutrition |
| Dr. Jadhav A.B. MD | 03 | Multiple myeloma |
| | | Vitamins & minerals deficiency states- scurvy, beriberi, pellagra, vitamin A deficiency & Hypervitaminosis |
| | | Liver cell failure – chronic. |
| Dr. Ms. Korde M.S. MD | 04 | Blood groups & blood transfusion, reactions and complications |
| | | Platelets, FFPS Transfusions |
| | | Obesity & asthenia- diagnosis, cimplications & management. |
| | | Gall bladder disorders. |
| Dr. Borhade R.K. MD | 03 | Revigen Class Platelets, FFPS Transfusions |
| | | Diet in various diseases. |
| | | G.I Bleeding causes, management. |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of Respiratory Medicine

| Faculty Name & Qualification | Number of Lectures | Topic Covered |
|------------------------------|--------------------|---|
| Dr. Anarase K G MD | 7 | History Introduction Pathogenesis & pathology Immunity & Host related Factors Microbiology of AFB –TB bacilli Clinical Features of Pulmonary TB Diagnosis of Pulmonary TB Complications of Pulmonary TB |
| Dr. Uplenchewar Y S MD | 7 | Anti TB drugs pharmacology, Schedules of therapy Control of TB & preventive measures RNTCP Resistant TB HIV & TB Lung & pleural malignancies Mediastinum & its disorders |
| Dr. Waghmare M A MD | 5 | Extra pulmonary TB-I Extra Pulmonary TB-II Applied anatomy & physiology of respiratory system, lung function tests Investigation in respiratory case Pneumonias & respiratory infections |
| Dr. Pansare S K DNB | 4 | Bronchiectasis & Lung abscess Pleural diseases, empyema Pneumothorax, hydro-pneumothorax COPD/ Chronic bronchitis/emphysema |
| Dr. Parjane N R MBBS | 4 | Bronchial asthma Occupational lung diseases Respiratory emergencies Mechanical ventilation PTO |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of Dermatology, Venereology & Leprosy

| Name of Faculty & Qualification | Number of Lectures | Topic Covered |
|--|---------------------------|---|
| Dr. Gosavi R. M. MD (DVL) | 06 | Allergic Disorders Collagen Vascular Disorder STD |
| Dr. Indurkar V. A. DNB (DVL) | 06 | Pruritus Infections |
| Dr. Khadamkar K. S. MD (DVL) | 06 | Leprosy HIV Drug Reactions |
| Dr. Mrs. Gadekar M. N. MD (DVL) | 04 | Pigmentary disorder Nutritional disorders |
| Dr. Mhaske D. B. MBBS | 02 | Infestations |
| Dr. Suryavanshi R. S. DVD | 02 | Structure & functions of skin & its appendages |
| Dr. Kittute A. B. MBBS | 02 | Symptomatology & Case taking |
| Dr. Wagh Anamika MBBS | 02 | Lesionology |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of Psychiatry

| Name of the Faculty & qualification | Number of Lectures | Topic Covered |
|-------------------------------------|--------------------|--|
| Dr Karandikar N J | 7 | Theories of learning & its clinical applications. Memory & Forgetting Theories of Personality & development Stress & Stress Management Schizophrenia & Other Psychotic Disorders Stress related Disorders Personality Disorders |
| Dr. Tagad P K | 10 | Motivation Signs & symptoms of common psychiatric disorders Depression Bipolar Affective Disorders Mental Retardation ADHD Autism spectrum Disorders Other Childhood Psychiatric issues Psychosexual disorders Psychotherapies |
| Dr. Jhalani A K | 10 | Substance use Disorders Anxiety Disorders OCD Dementia Psychopharmacology- Antipsychotics Psychopharmacology- Antidepressants, Anxiolytics Suicide- Risk assessment, prevention strategies ECT National Mental Health Program Mental Healthcare act, 2017 |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of Paediatrics

| Name of Faculty & Qualification | No. of lectures taken | Topic Covered |
|---------------------------------|-----------------------|--|
| Dr. Kothari R.B., MD | 4 | Introduction to Paediatrics |
| | | History taking in Children |
| | | Normal growth |
| | | Normal development |
| Dr. Mhaske S.N. MD | 4 | Introduction to newborn and normal newborn baby |
| | | Temperature regulation in newborn |
| | | Breastfeeding and lactation management |
| | | Infant and child feeding (including complimentary feeding) |
| Dr. Kadam V.K. MD | 4 | Abdominal pain in children |
| | | Chronic liver disease including ICC |
| | | Nephrotic syndrome |
| | | Acute glomerulonephritis and hematuria |
| Dr. Akolkar N.R. MD | 4 | Congestive cardiac failure |
| | | Cyanotic Congenital heart disease |
| | | Rheumatic heart disease |
| | | Hypertension in children |
| Dr. Tarde S.N. MD | 4 | Acute respiratory infections |
| | | Bronchial asthma |
| | | Childhood tuberculosis (primary TB and its fate) |
| | | Immunization (national immunization schedule and IAP schedule) |
| Dr. Vahadane S.R. DNB | 4 | Protein energy malnutrition and its management |
| | | Vitamin and micronutrient deficiencies |
| | | Nutritional anemias in infancy and childhood |
| | | Normal fluid and electrolyte balance in children |
| Dr. Deshpande V.G. MD | 4 | Common exanthematous illness |
| | | Diphtheria, Pertussis and Tetanus |
| | | HIV infection |
| | | Malaria |
| Dr. Machale G.C. MD | 5 | Fluid and electrolyte balance-pathophysiology and principles of management |
| | | Acid-base disturbances-pathophysiology and principles of management |
| | | Neurocysticercosis |
| | | Enteric fever |
| | | Common childhood poisonings |
| Dr. Dharma M.B. MD | 6 | Examination of Children |
| | | Jaundice in newborn |
| | | Paediatric prescribing |
| | | Acute diarrhea |

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| | | Immunization (individual vaccines) |
| | | Acyanotic congenital heart disease |
| Dr. Ms. Shirsath U.L. DNB | 4 | Adolescent growth and disorders of puberty |
| | | Hypothyroidism in children |
| | | Behavioral disorders |
| | | Approach to handicapped child |
| Dr. Shinde A.A. MD | 6 | Birth asphyxia |
| | | Low birth weight babies |
| | | Neonatal respiratory distress |
| | | Neonatal infection |
| | | Neonatal convulsions |
| | | Acute respiratory infections- measles, mumps, chickenpox |
| Dr. Mrs Nikam S.B. MD | 6 | Cerebral palsy |
| | | Seizure disorders |
| | | Mental retardation |
| | | Acute flaccid paralysis |
| | | Meningitis |
| | | Childhood tuberculosis- investigations and management |
| Dr. Sushruta Kumar MD | 5 | Bleeding and coagulation disorders |
| | | Leukemias |
| | | Other childhood malignancies |
| | | Haemolytic anemia including thalassemia |
| | | Coagulation disorders- normal coagulation pathway and haemophilia |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of General Surgery

| Name of Staff & Qualification | No of Lectures | Topic Name |
|--|----------------|--|
| DR. GADEKAR J.M. MS | 3 | Wound healing and management, scars: Hypertrophic scar and keloid; First aid management of severely injured. |
| DR. NIRANJAN DASH MS | 1 | Asepsis, antisepsis, sterilization |
| DR. GADEKAR J.M. MS | 4 | Surgical sutures, knots, drains, bandages and splints |
| DR. NIRANJAN DASH MS | 3 | Surgical infections and rational use of antibiotics: Causes of infection, prevention of infection, common organisms causing infection |
| DR. ANCHAWALE A.M. MS | 4 | Boils, cellulitis, abscess, necrotising fasciitis |
| DR. GARUD P.P. MS | 1 | Tetanus and Gas gangrene: Prevention of Tetanus and Gas Gangrene |
| DR MRS JUNAGADE T.P DNB | 1 | Chronic specific infections: Tuberculosis, Filariasis, and Leprosy |
| DR NIRANJAN DASH MS | 1 | Antibiotic therapy |
| DR GADEKAR J.M MS | 1 | Hospital infection |
| DR. DAHIWAL P S DNB | 1 | AIDS and Hepatitis |
| IB Occupational hazards and prevention | | |
| DR. JAWARE S.R. MS | 2 | Mechanism and management of missile, blast and gunshot injuries |
| DR. NIRANJAN DASH MS | 1 | Surgical aspects of diabetes mellitus |
| DR. ANCHAWALE A.M. MS | 1 | Bites and stings |
| DR. GADEKAR J.M MS | 1 | Organ transplantation - Basic principles |
| DR. ANCHAWALE A.M MS | 1 | Nutritional support to surgical patients |
| II RESUSCITATION | | |
| DR. NIRANJAN DASH MS | 1 | Fluid electrolyte balance |
| DR. ANCHAWALE A.M MS | 1 | Shock: Aetiology, pathophysiology and management |
| | 1 | Blood transfusion : Indication and hazards |
| DR. MRS. JUNAGADE T P DNB | 1 | Common postoperative complications |
| III. COMMON SKIN AND SUBCUTANEOUS CONDITIONS. | | |
| DR. ANCHAWALE A M MS | 8 | Sebaceous cyst, dermoid cyst, lipoma, haemangioma, neurofibroma, premalignant conditions of the skin, basal cell carcinoma, naevi and malignant melanoma |
| | 2 | Sinus and fistulae Pressure sores; prevention and management |
| IV. ARTERIAL DISORDERS. | | |

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| DR GADEKAR J M MS | 4 | Acute arterial obstruction : diagnosis and initial management; types of gangrene ; diagnosis of chronic arterial insufficiency with emphasis on Burger's disease, athrosclerosis and crush injuries |
| | 2 | Investigations in cases of arterial obstruction Amputations |
| DR NIRANJAN DASH MS | 1 | Vascular injuries : basic principles of management |
| V. VENOUS DISORDERS. | | |
| DR. KHALKAR A. A. MS | 4 | Varicose veins: diagnosis and management; deep venous thrombosis: diagnosis, prevention, principles of therapy; thrombophlebitis |
| VI. LYMPHATICS AND LYMPH NODES. | | |
| DR. GARUD P.S. MS | 6 | Diagnosis and principles of management of lymphangitis, lymphedema, acute and chronic lymphadenitis; cold abscess, lymphomas, surgical manifestations of filariasis. |
| VII. BURNS. | | |
| DR. GADEKAR J.M. MS | 7 | Causes, prevention and first aid management; pathophysiology; assessment of depth and surface area, fluid resuscitation; skin cover; prevention of contractures |
| VIII. SCALP, SKULL AND BRAIN. | | |
| DR. NIRANJAN DASH MS | 3 | Wounds of scalp and its management: recognition, diagnosis and monitoring of patients with head injury including unconsciousness; Glasgow coma scale recognition of acute / chronic cerebral compression |
| IX. ORAL CAVITY, JAWS, SALIVARY GLANDS. | | |
| DR. SONAWANE S.R. MS | 7 | 1. Oral cavity: I) Cleft lip and palate; Leukoplakia; retention cyst; ulcers of the tongue. II) Features, diagnosis and basic principles of management of carcinoma lip, buccal mucosa and tongue, prevention and staging of oral carcinomas. |
| | 2 | 2. Salivary glands: I) Acute sialoadenitis, neoplasm: diagnosis and principles of treatment. |
| | 4 | Epulis, cysts and tumours of jaw: Maxillofacial injuries; salivary fistulae |
| X. NECK. | | |
| DR. ANCHAWALE A.M. MS | 5 | 1. Branchial cyst; cystic hygroma 2. Cervical lymphadenitis: Non-specific and specific, tuberculosis of lymphnodes, secondaries of neck. |
| | 1 | Thoracic outlet syndrome: diagnosis |
| XI. THYROID GLAND | | |
| DR. NIRANJAN DASH MS | 8 | Thyroid: Surgical anatomy, physiology, investigations of thyroid disorders; types, clinical features, diagnosis and principles of management of goitre, thyrotoxicosis, thyroglossal cyst and fistula |
| | 2 | Thyroiditis, Hypothyroidism. |
| DR. MOHD. ABDUL MAJID MS | 1 | Thyroid Malignancy |
| XII. PARATHYROID AND ADRENAL GLANDS. | | |

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| DR. MRS. JUNAGADE TP DNB | 7 | 1. Surgical anatomy; nipple discharge; acute mastitis, breast abscess; mammary dysplasia; gynaecomastia; fibroadenomas. |
| DR. GADEKAR N.J. | 1 | 2. Assessment and investigations of a breast lump. |
| | 1 | 3. Cancer breast : diagnosis, staging, principles of management. |
| XIV. THORAX | | |
| DR. KHALKAR A.A. MS | 1 | Cardiac tamponade |
| DR. NAIK H.M. MS | 1 | Scope of cardiac surgery. |
| XVI. OESOPHAGUS. | | |
| DR. NIRANJAN DASH MS | 3 | Dysphagia: Causes, investigations and principles of management. Cancer oesophagus : Principles of management |
| XVII. STOMACH AND DUODENUM. | | |
| DR. JAWARE S.R. MS | 4 | Clinical features , diagnosis and principles of management of : Amoebic liver abscess, hydatid cyst and portal hypertension. Liver trauma. |
| DR. KHALKAR A.A. MS | 2 | Surgical anatomy; primary and secondary neoplasms of liver. |
| XIX. SPLEEN | | |
| DR. NIRANJAN DASH MS | 4 | Splenomegaly: causes, investigations and indications for splenectomy: splenic injury. |
| DR. GADEKAR J.M. MS | 6 | Anatomy, physiology and investigations of biliary tree; clinical features, diagnosis, complications and principles of management of cholelithiasis and cholecystitis; obstructive jaundice. |
| | 2 | Carcinoma of gall bladder, choledochal cyst. |
| XXI. PANCREAS. | | |
| DR. ANCHAWALE A.M. MS | 2 | Acute pancreatitis : Clinical features, diagnosis, complications and management. |
| DR. NAJAN D.G MS | 2 | Chronic pancreatitis, pancreatic tumours. |
| XXII. PERITONEUM, OMENTUM, MESENTERY AND RETROPERITONEAL SPACE. | | |
| DR. KHALKAR A.A. MS | 3 | Peritonitis : Causes, recognition and principles of management; intraperitoneal abscess. |
| DR. GARUD P.S. MS | 2 | Laparoscopy and laparoscopic surgery. |
| XXIII. SMALL AND LARGE INTESTINES | | |
| DR. GADEKAR J.M. MS | 6 | A.Diagnosis and principles of treatment of : Intestinal amoebiasis, tuberculosis of intestine, carcinoma colon; lower gastrointestinal haemorrhage; Enteric fever, parasitic infestations |
| | 2 | B.Ulcerative colitis, premalignant conditions of large bowel. |
| XXIV. INTESTINAL OBSTRUCTION. | | |
| DR. ANCHAWALE A.M. MS | 4 | Types, aetiology, diagnosis and principles of management; paralytic ileus |
| XXV.ACUTE ABDOMEN. | | |
| DR. ANCHAWALE A.M MS | 4 | Causes, approach, diagnosis and principles of management. |
| XXVI. APPENDIX | | |

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| DR. DAHIWAL P.S. MS | 2 | Diagnosis and management of acute appendicitis, appendicular lump and abscess. |
| XXVII. RECTUM | | |
| DR. GARUD P.S. MS | 5 | A. Carcinoma rectum: diagnosis, clinical features and principles of management; indications and management of colostomy. B. Management of carcinoma rectum; prolapse of rectum. |
| XXVIII. ANAL CANAL. | | |
| DR. GADEKAR J.M. MS | 6 | Surgical anatomy. Clinical features and management of: fissure, fistula in ano, perianal and ischio-rectal abscess and haemorrhoids; Diagnosis and referral of anorectal anomalies |
| DR. SONAWANE S.R. MS | 1 | Anal carcinoma. |
| XXIX. HERNIAS. | | |
| DR. MRS. JUNAGADE T.P. MS | 8 | Clinical features, diagnosis, complications and principles of management of: Umbilical, Inguinal, epigastric and femoral hernia. Omphalitis. |
| XXX. GENITO- URINARY SYSTEM | | |
| DR. KHALKAR A.A. MS | 1 | Symptoms and investigations of the urinary tract. |
| XXXI. KIDNEY AND URETER | | |
| DR. ANCHAWALE A.M. MS | 9 | Investigations of renal mass; diagnosis and principles of management of urolithiasis, hydronephrosis, pyonephrosis, and perinephric abscess, congenital anomalies of kidney & Ureter and renal tumours. Renal tuberculosis. |
| XXXII. URINARY BLADDER. | | |
| DR. ANCHAWALE A.M. MS | 4 | Causes, diagnosis and principles of management of haematuria, anuria and acute retention of urine. |
| XXXIII. PROSTATE AND SEMINAL VESICLES | | |
| DR. GADEKAR J.M. MS | 2 | Benign prostatic hyperplasia: diagnosis and management. Carcinoma prostate. |
| XXXIII. URETHRA AND PENIS | | |
| DR. TANWAR H.V. MS | 4 | Diagnosis and principles of management of Phimosis, paraphimosis and carcinoma penis. Principles of management of urethral injuries. |
| DR. WANKHEDE N.H. MS | 1 | Urethral strictures. |
| XXXV. TESTES AND SCROTUM | | |
| DR. ANCHAWALE A.M. MS | 8 | Diagnosis and principles of treatment of undescended testis; torsion testis; Hydrocoele, hemato-coele, pyo-coele, varicocele, epididymo-orchitis and testicular tumours |
| XXXVI. PAEDIATRIC SURGERY | | |
| DR. SONAWANE S.R. MS | 1 | Oesophageal atresia and Intestinal atresia - |
| DR. GADEKAR J.M. MS | 1 | Anorectal malformations - |
| DR. DAHIWAL P.S. MS | 1 | Constipation in children: Hirschsprung's disease, Acquired megacolon |
| DR. NIRANJAN DASH MS | 1 | Congenital diaphragmatic hernia |
| DR. MRS. JUNAGADE T.P. | 3 | Extrophy, Epispadias complex and hypospadias |

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| MS | | |
| DR. MOHD. ABDUL MAJID, MS | 2 | Spinal diastrophism and Hydrocephalus – |
| DR. GANDHI N.S. | 4 | Urinary tract infections in children- Vesicoureteral reflux, posterior urethral Valves, Vesico Ureteral Junction obstruction/Duplex ureter, Obstructive uropathy in Children : Hydronephrosis, Hydroureteronephrosis |
| DR. BHOSALE R.L. MS | 1 | Testicular Maldescent |
| DR. ANCHAWALE A.M. MS | 2 | Umbilical Hernia, Exompholos: Major/minor - |
| DR. JAWARE S.R. MS | 4 | Wilm’s Tumours:Neuroblastoma, Ganglioneuroma, Ganglioneuroma, Endo-dermal Sinus Tumours |
| DR. KHALKAR A.A. MS | 3 | Hamartomas in Children: Lymphangioma and Cystic hygroma, Haemangioma. Biliary Atresia and Surgical jaundice – |
| DR. WADAVKAR U.L. | 3 | Umbilical fistulae, Burst abdomen, ventral hernia. |
| DR. MAGAR R.A. | 2 | Surgical anatomy; primary and secondary neoplasms of liver. |
| DR. SHINDE A.M. | 8 | Anatomy; Physiology, Congenital hypertrophic pyloric stenosis; aetiopathogenesis, diagnosis and management of peptic ulcer, cancer stomach; upper gastrointestinal haemorrhage with special reference to bleeding varices and duodenal ulcer |
| DR. MUNOT P.M. | 1 | Congenital diaphragmatic hernia |
| DR. KASHID D.S. | 8 | Diagnosis and principles of treatment of undescended testis; torsion testis; Hydrocoele, hematocoele, pyocoele, varicocele, epididymo-orchitis and testicular tumours |
| DR. KHARCHE B.B. | 3 | Hamartomas in Children: Lymphangioma and Cystic hygroma, Haemangioma. Biliary Atresia and Surgical jaundice – |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of Orthopaedics

| Name of Staff | No of Lectures | Topic Name |
|--------------------------|----------------|--|
| Dr. Naikwade D.B MS | 07 | Plaster technique, plaster complications and plaster disease. |
| | | Fracture Tibia-fibula, fracture in tarsals, Metatarsals and phalanges. |
| | | Congenital skeletal anomalies with emphasis on congenital Talipes Equino varus (CTEV). |
| | | Acute Osteomyelitis |
| | | Tuberculosis spine and paraplegia |
| | | Rheumatoid arthritis |
| | | Metabolic bone disease : Rickets, Osteomalacia and Osteoporosis |
| Dr. Daule P.M. MS | 04 | Fracture Healing in cortical and cancellous bones and factors affecting fracture healing |
| | | Meniscus and ligaments injury at knee |
| | | Osteochondritis – various types |
| | | Back ache, Frozen shoulder, Tennis Elbow, Dequervain's disease, Dupuytren's Contracture Osgood-Schlatter's disease, planter fasciitis |
| Dr. Mulay M.M., MS | 01 | Fracture clavicle, scapula, neck humerus and shaft humours |
| Dr. Bhalerao N.A. MS | 06 | Supracondylar fracture humerus with complications |
| | | Dislocation of Hip, knee, ankle, tarsals and small bones in foot. |
| | | Pyogenic arthritis of Hip, knee |
| | | Osteo-articular Tuberculosis with special reference to Tuberculous of Hip, knee and elbow |
| | | Degenerative arthritis |
| | | Tumours of bones and its classification. Benign :- Osteochondroma, Giant cell tumour Unicameral Bone cyst, Aneurysmal cyst |
| Dr. Patil V.K. MS | 04 | Fracture Forearm bones, Monteggia and Galeassi fracture dislocations, fracture olecranon head and neck radius |
| | | Fracture dislocation around ankle |
| | | Chronic Osteomyelitis |
| | | Nerve injuries and principles of management. |
| Dr. Zarekar G.G. MS | 03 | Fracture scaphoid, Metacarpals and phalanges |
| | | Congenital dislocation of hip (CDH), Osteogenesis Imperfecta, spina Bifida and Torticollis |
| | | Fungal Infections and leprosy in Orthopaedics |
| Dr. Pandit R.N. MS | 03 | Colles fracture and Complications. |
| | | Post Polio Residual Palsy with stress on preventive and rehabilitation aspect |
| | | Cerebral palsy, Diagnosis and rehabilitation |
| Dr. Chahal J.U., MS | 01 | Dislocation (Acute and Recurrent) of shoulder and elbow |
| Dr. Datranga D.B MD | 02 | Fracture of Vertebrae with complications |
| | | Amputation and Disarticulation – Indications methods and complications |
| Dr. Bhosale M.R. MS | 01 | Fracture of Pelvis with complications |
| Dr. Dhanorkar A.S. MS | 01 | Fracture Neck femur and trochanteric fracture |
| Dr. Panhale B.P. DNB | 02 | Fracture shaft femur and fractures around knee |
| | | Malignant- Osteogenic sarcoma, Ewing's tumour, Fibrosarcoma, Chondrosarcoma, Multiple Myeloma, Secondaries from Primary Carcinoma (Metastatic tumours) |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of Ophthalmology

| Name of Staff | No of Lectures | Topic Name |
|---------------------------|----------------|---|
| Dr.Roopaa R Naik MS | 1 | Sclera-Episcleritis. |
| | 1 | Sclera- Scleritis. |
| | 1 | Sclera- Staphyloma. |
| | 1 | Intraocular Tumours : Malignant Melanoma |
| | 1 | Colour Blindness. |
| | 1 | Lasers in Ophthalmology – Principles. |
| | 1 | Ocular Trauma: Blunt Trauma. |
| | 1 | Ocular Trauma : Perforating Trauma |
| | 1 | Ocular Trauma : Chemical Burns |
| | 1 | Ocular Trauma : Sympathetic Ophthalmitis |
| Dr.Tammewar A. M. MS | 2 | Retina: Retinopathies: Diabetic,. |
| | 1 | Hypertensive Toxaemia of Pregnancy |
| | 2 | Retinal Detachment. |
| | 1 | Retinitis Pigmentosa, |
| | 1 | Retinoblastoma |
| | 1 | Vitreous: Vitreous. Opacities. |
| | 1 | Vitreous. Haemorrhage. |
| | 1 | Optic nerve: Optic Neuritis. |
| | 1 | Optic nerve: Papilloedema. |
| | 1 | Optic nerve: Optic Atrophy. |
| Dr.Bhalsing S. A. MS | 1 | Uvea : Classification of Uveitis |
| | 1 | Uvea : Gen. Etiology, Investigation and Principles |
| | 1 | Uvea: Management of Uveitis. |
| | 2 | Uvea: Acute & Chronic Iridocyclitis. |
| | 1 | Uvea: Panophthalmitis. |
| | 1 | Uvea: End Ophthalmitis. |
| | 1 | Uvea: Choriditis. |
| | 2 | Orbit : Proptosis – Aetiology, Clinical Evaluation, Investigations & Principles of Management |
| | 1 | Orbit: Endocrinal Exophthalmos. |
| | 1 | Orbit: Orbital Haemorrhage. |
| Dr. Patare Smita P. MS | 1 | Lids: Inflammations of Glands. |
| | 1 | Lids: Blepharitis. |
| | 1 | Lids: Trichiasis, Entropion. |
| | 1 | Lids: Ectropion. |
| | 1 | Lids: Symblepharon. |
| | 1 | Lids: Ptosis. |
| | 1 | Lacrimal System: Wet Eye.: Dry Eye |
| | 1 | Lacrimal System : Naso Lacrimal Duct Obstruction Dacryocystitis |
| | 2 | Drugs: Antibiotics Steroids., Glaucoma Drugs. Mydriatics. Visco elastics. Fluoresceue. |
| | 2 | Main Systemic Diseases Affecting the Eye: Tuberculosis. Syphilis., Leprosy., Aids, Diabetes. Hypertension |

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| Dr. Anjali Kapse MS | 1 | Ocular Mobility: Extrinsic Muscles. |
| | 1 | Ocular Mobility: Movements of Eye Ball. |
| | 1 | Ocular Mobility : Squint : Gen. Aetiology, Diagnosis and principles of Management. |
| | 1 | Ocular Mobility: Paralytic and Non Paralytic Squint. |
| | 1 | Ocular Mobility: Heterophoria. Diplopia. |
| | 1 | Nutritional: - Vit. A. Deficiency |
| | 2 | Optics: Principles: V.A. testing Retinoscopy, Ophthalmoscopy. |
| | 1 | Optics: Ref. Errors. |
| | 1 | Optics: Refractive Keratoplasty. |
| | 1 | Optics :Contact lens, Spectacles |
| Dr.Sneha Murade MS | 1 | Lens: Cataract – Classification & surgical management of cataract. Including Preoperative Investigation. |
| | 1 | Lens : Anaesthesia., Aphakia., IOL Implant |
| | 1 | Glaucoma: Aqueous Humor Dynamics. Tonometry. |
| | 1 | Glaucoma: Factors controlling Normal I.O.P., Provocative Tests. |
| | 1 | Glaucoma: Classifications of Glaucoma, Congenital Glaucoma. |
| | 1 | Glaucoma: Angle closure Glaucoma. |
| | 1 | Glaucoma: Open Angle Glaucoma. |
| | 1 | Glaucoma: Secondary Glaucoma |
| | 2 | Principles of Management of Major Ophthalmic Emergencies: Acute Congestive Glaucoma. Intraocular Trauma. |
| 1 | Principles of Management of Major Ophthalmic Emergencies: Chemical Burns., Sudden Loss of vision | |
| Dr.Praful Chaudhary DNB | 1 | Conjunctiva. Symptomatic conditions: - Hyperemia, Sub conjunctival Haemorrhage. |
| | 1 | Conjunctiva. Diseases: - Classification of Conjunctivitis Mucopurulent Conjunctivitis |
| | 1 | Conjunctiva. Membranous Conjunctivitis Spring Catarrh., Degenerations :- Pinguecula and Pterygium |
| | 2 | Cornea: Corneal Ulcers: Bacterial, Fungal, Viral, Hypopyon. |
| | 1 | Cornea: Interstitial Keratitis. |
| | 1 | Cornea: Keratoconus., Pannus |
| | 1 | Cornea: Corneal Opacities. Keratoplasty. |
| | 2 | Community Ophthalmology : Blindness : Definition Causes & Magnitude N.P.C.B. – Integration of N.P.C.B. with other health |
| | 1 | Community Ophthalmology: Preventable Blindness. Eye care. |
| | 1 | Community Ophthalmology: Role of PHC"s in Eye Camps. Eye Banking. |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of Otorhinolaryngology

| Name of the Faculty Qualification | No. of lectures taken | Number of lectures taken /year Topic Covered |
|--------------------------------------|-----------------------------|--|
| Dr. Kashid Gajanan MS | 1 | Anatomy and physiology of nose |
| | 1 | Diseases of buccal cavity |
| | 2 | Diseases of pharynx |
| | 2 | Tonsils and adenoids |
| | 1 | Pharyngeal tumours and related |
| | 2 | Anatomy/ physiology/examination Method/symptomatology of larynx |
| Dr. Solunke Anil MS | 2 | Stridor /tracheostomy |
| | 2 | Laryngitis / laryngeal trauma/Laryngeal Paralysis/ foreign body larynx/Bronchus, ect. |
| | 1 | Laryngeal tumours |
| | | Nose and PNS |
| Dr. Gaikwad Ashok MS | 2 | Anatomy/ physiology / exam |
| | 1 | Methods /symptomatology |
| Dr. Anand Tuljapure MS | 1 | Diseases of ext. nose/cong. Conditions |
| | 1 | Trauma to nose/p.n.s./Foreign Body./Rhinolith |
| Dr. Gaikwad Ashok MS | 1 | Epistaxis |
| | 1 | Diseases of nasal septum |
| | 1 | Rhinitis |
| | 1 | Nasal Polyps/nasal allergy |
| | 1 | Sinusitis and its complications |
| | 1 | Tumours of nose and Par nasal sinuses |
| | | EAR |
| Dr. Anand Tuljapure MS | 2 | Anatomy / Physiology |
| | 1 | Methods/Methods of examination |
| | 1 | Cong. diseases/ext.ear/middle ear |
| Dr. Yash Devckar MS | 6 | Acute/chronic sup. Otitis media Aetiology, clinical features and its Management/complications |
| Dr. Solunke Anil MS | 1 | Serous/adhesive otitis media |
| | 1 | Mastoid/middle ear surgery |
| | 2 | Otosclerosis/tumours of ear |
| Dr. Kashid Gajanan MS | 2 | Facial paralysis/Meniere's disease |
| Dr. Anand Tuljapure MS | 2 | Tinnitus/ototoxicity |
| Dr. Solunke Anil MS | 2 | Deafness/hearing aids/rehabilitation Audiometry |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of Obstetrics & Gynaecology

| Name of the Faculty Qualification | Number of Lectures taken | Number of lectures taken /year Topic Covered |
|---------------------------------------|--------------------------------|--|
| Dr. Aher G.S. MS | 7 | National health Programme - safe-motherhood, reproductive and child health Social obstetrics Benign & malignant tumors of the genital tract- leiomyoma, carcinoma cervix, carcinoma endometrium, choriocarcinoma, ovarian tumors, benign & malignant lesions of vulva Contraception - Temporary methods and permanent methods High risk pregnancy, pre-term labour, post term pregnancy, IUGR, IUFD, pregnancy wastages, Rh incompatibility, post caesarean pregnancy Birth injuries, Maternal mortality |
| Dr. Shinde S.A. MS | 7 | Normal labour - Physiology, mechanism, clinical course and management, pain relief in labour Infections of genital tract, leucorrhoea, pruritus vulvae, vaginitis, cervicitis, pid, genital TB, sexually transmitted infections including HIV infection. Medical disorders in pregnancy. Anemia, heart disease. hypertensive disorder, pih and eclampsia, diabetes, jaundice, pulmonary disease in pregnancy Abnormal labour - abnormal uterine action, CPD. Obstructed labour, uterine rupture Drugs in pregnancy Principles of gynecological surgical procedures Infections in pregnancy |
| Dr. (Mrs.) Solunke A.A. MS | 2 | Maternal mortality and morbidity, perinatal mortality and morbidity Infections in pregnancy -Urinary tract diseases, sexually transmitted infections including HIV, malaria, TORCH etc. |
| Dr. (Mrs.) Shaikh R.N. MS | 3 | Contraception - Introduction and basic principles, Contraception -Emergency contraception Gynecological and surgical conditions in pregnancy- fibroid with pregnancy, ovarian tumors, acute abdomen, genital prolapse |
| Dr. Mrs. Garud P.P. MS | 3 | Examination and care of newborn Complications in early pregnancy. Hyperemesis gravid arum / abortion / ectopic pregnancy / gestational trophoblastic disease Recurrent pregnancy wastages |
| Dr. Zende P.P. MS Assoc. Professor | 3 | Normal puerperium and breast-feeding Development of genital tract, congenital anomalies and clinical significance, chromosomal abnormalities and |

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| | | intersex Fetal physiology - fetal circulation |
| Dr. Mrs. Shinde U.S. MS | 13 | Physiology of menstruation Menopause & H R T Radiotherapy & Chemotherapy in Gynaecology. Urinary disorders in Gynaecology, perineal tears, genital fistulae, RVF & VVF Obstetrical complications during pregnancy. APH - Accidental hemorrhage. Placenta praevia. Abnormal position & presentation : occipito posterior, breech, transverse, face & brow, compound, cord presentation and prolapse Abnormal labour - abnormal uterine action, CPD. Obstructed Labour, uterine rupture Evidence based obstetrics Pre and post operative care in Gynaecology Operative procedures in Obstetrics : Caesarean Section, Instrumental vaginal delivery. forceps and vacuum |
| Dr. Mishra C.D. MS | 3 | Physiological changes during pregnancy / diagnosis of pregnancy Rural obstetrics Genital prolapse, genital tract displacement, |
| Dr. Hodshil S.S. MS | 3 | Antenatal care, nutrition in pregnancy, detection of high-risk pregnancy Demography and population dynamics Puerperial Sepsis and other complications in puerperium |
| Dr. (Mrs.) Chaudhari K.P. MS | 3 | Early development of human embryo Abnormal uterine bleeding, DUB Poly hydramnios / oligohydramnios, multifetal pregnancy |
| Dr. Gade P.R. MS | 4 | Structure, function and anomalies of placenta Puberty and its disorders, adolescent gynaecological problems. Gynaecological disorders - adenomyosis, endometriosis Diabetes, heart disease in pregnancy |
| Dr. Mrs. Bhalerao S.N. MS | 3 | Physiology of ovulation / conception / implantation. Development of genital tract - any malformations of genital tract and their clinical significance. Endoscopy in in gynaecology. |
| Dr. Gugale A.V. MS | 4 | Puberty and menopause MTP Act and procedures of MTP in first & second trimester Nutrition in pregnancy and lactation Diagnosis of early neonatal problems |
| Dr. Ingale P.R. MS | 4 | Development of genital tract Induction of labour Evaluation of foetal health during pregnancy and labour Drugs and hormones in Gynaecology |
| Dr. Ms. Misal A.A. MS | 3 | Applied anatomy of female genital tract Physiology of menstruation, menstrual abnormalities – amenorrhoea, dysmenorrhoea Ultrasonography and radiology, in gynaecology |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of Anaesthesiology

| Name of the Faculty Qualification | No. of lectures taken | Topic Covered |
|--------------------------------------|-----------------------------|---|
| Dr. H.S. Rawat MBBS, MD | 02 | Introduction and history of anaesthesia |
| Dr. Gore R.B. MBBS, MD | 02 | Balanced Anaesthesia |
| Dr. Mohole S.P. MBBS, MD | 02 | Premedication |
| Dr. Sonar V.M. MBBS, MD | 02 | Anatomy of airway obstruction & it's management |
| Dr. Mone S.N. MBBS, MD | 02 | Local Anaesthetics |
| Dr. Pol M.P. MBBS, MD | 02 | Opioids |
| Dr. Nale S.R. MBBS, MD | 02 | Muscle Relaxants |
| Dr. Mamde R. D. MBBS, MD | 02 | Simple peripheral nerve blocks. |
| Dr. Sayyad N.C. MBBS, MD | 02 | Inhalational Anaesthetics |
| Dr. Karale P.V. MBBS, MD | 02 | Mechanical Ventilation |
| Dr. Kawade D.B. MBBS, MD | 02 | Spinal & Epidural Anaesthesia |
| Dr. Vanjare P.A. MBBS, MD | 02 | Post Anaesthesia recovery & Complications |
| Dr. Mrs. Sayamber S.N. MBBS, DA | 02 | Trauma Resuscitation |
| Dr. Ms. Shisode A.S. MBBS, DA | 02 | CPR (Cardio Pulmonary Resuscitation) |
| Dr. Landge S.D. MBBS, DA | 02 | PALS (Paediatric Advanced Life Support) |
| Dr. Ms. Mahindrakar D.B. MBBS, DA | 02 | Haemorrhagic & Anaphylactic shock |
| Dr. Bagul V.P. MBBS, DA | 02 | Basic concepts of pain. |
| Dr. Ms. Khandale P.S. MBBS, DA | 02 | Chronic pain & Palliation |
| Dr. Ms. Deokate N.C. MBBS, DA | 02 | Types of Anaesthesia |
| Dr.Ms.Thombre P.A. MBBS, DA | 02 | Septic shock and management |
| Dr. Ms. Rupnawar P.B. MBBS, DA | 02 | PA Check-up |
| Dr. Ms. Bhavekar N.P. MBBS, DNB | 02 | Perioperative Fluid Management |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of Radio-diagnosis

| Name of the Faculty & Qualification | No. of lectures taken / | Topic Covered |
|-------------------------------------|-------------------------|--|
| Dr. Kachewar S.G. MD, Ph.D. | 4 | Congenital dislocation of hip, congenital syphilis, Achonodroplasis, Osteogenesis Imperfecta. |
| | 3 | Metabolic & Endocrine Disorders of Bone: Rickets & Osteomalacia, Scurvy, Osteoporosis, Acromegaly, and Hyperparathyroidism. |
| | 2 | Bronchography |
| | 2 | Bronchogenic Carcinoma. |
| | 6 | Liver : Abscess, Hepatoma, Cirrhosis, Portal Hypertension, and Spenoportography |
| | 4 | Gall-Bladder : Calculus Disease, Malignancy, PTC, ERCP. |
| | 6 | Pancreas |
| | 8 | Pancreatitis, Malignancy |
| | 9 | Imaging Modalities : USG, CT, MRI : Principles, Applications, Advantages, Limitations, Developments |
| Dr. Marathe V. N. MD | 4 | Barium Examination of GI Tract. Acute Abdomen. |
| | 3 | Oesophagus: Carcinoma, Strictures, Varices, Achalasia, and Hiatus Hernia. |
| | 2 | Stomach & Duodenum : Ulcer disease, Malignancy |
| | 6 | CENTRAL NERVOUS SYSTEM :Raised Intracranial Tension, Intracranial Calcification, Head Injury, Cerebrovascular Accident, Rind Enhancing Lesions in Brain, Spinal Neoplasms, Myelography |
| | 4 | Interventional Radiology : Developments, Angioplasty, Embolisation |
| Dr. Ghule S.S. MD | 2 | Infection: Osteomyelitis, Tuberculosis of Bone & Spine. |
| | 3 | Methods of examination, Normal X-ray Chest, Bronchopulmonary Segments |
| | 8 | Normal Heart : Methods of examination. Cardiomegaly, Pericardial Effusion. |
| | 5 | Acquired Heart Diseases: Valvular Heart Disease, Ischaemic Heart Disease |
| | 4 | Congenital Heart Disease. Aortic Aneurysms, Co-arc-tation of Aorta. |
| | 2 | Angiography : Seldinger Technique, Conventional Angiogram, DSA, Carotid, Coronary, Renal Angiograms, Aortogram. |

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| Dr. Shinde B.K. MD | 4 | Hysterosalpingography (HSG), Intra-Uterine Foetal Death, Fibroid, Ovarian Tumours, Ultrasonography & Transvaginal US. |
| | 2 | Mammography: Principles & Applications |
| Dr. Mrs. Wagh S.D. DNB | 4 | Lesions of Joints : Septic / Tuberculous Arthritis, Rheumatoid, Arthritis, Ankylosing Spondylitis, Osteo-Arthritis, Gout |
| | 3 | Skeletal trauma: General Principles |
| | 2 | Contrast Media : Barium Sulphate, Water Soluble & Oily Contrast. |
| Dr. Wagh D.R. DNB | 4 | Lymphoreticular system & Haemopoietic Disorders : Thalassaemia, Sickle Cell disease, Lymphomas, Multiple myeloma, plasmacytoma, Haemophilia |
| | 1 | Miliary Shadows, Pulmonary Tuberculosis, Solitary Pulmonary Nodule, Bronchiectasis, Primary complex. |
| Dr. Katariya M.M. MD | 5 | Bone Tumours: Ewing's, Osteogenic Sarcoma, Giant Cell Tumour Neurofibroma |
| | 4 | Interpretation of Abnormal Chest X-ray : Silhouette sign, Air Bronchogram, Interstitial Shadows, Alveolar Shadows, Honeycomb Lung, Cavitations, Calcification, Hilar Shadow, Mediastinum, Pleura. |
| | 3 | Method of Examination : Intravenous Urography (IVP) Calculus Disease, PUJ Obstruction, PU Valves, Renal Artery Stenosis, Wilm's Tumour, Renal Cell Carcinoma, GU Koch's. |
| | 5 | Radiation Hazards, Radiation Protection |

Faculty wise details of Lectures

During 1/10/2020 to 30/9/2021

Department of Dentistry

| Name of the Faculty & Qualification | No. of lectures taken / | Topic Covered |
|-------------------------------------|-------------------------|--|
| Dr. Virkar Y.B MDS | 3 | Scope of Dentistry Introduction of various branches of Dentistry. Basic Understanding of Dental Epidemiology Effects of deleterious Habits on Dentition and Orofacial structures. |
| | 10 | Interdisciplinary team approach in the management of a patient in Dentistry involving Paediatrics, Plastic surgery, ENT Surgery, Neurosurgery, Ophthalmic surgery, Gen. Surgery, Medicine, Orthopaedics, Dermatology, Endocrinology and OB-GYN. Demonstration of Clinical Procedures in Dental Clinics. |
| | 3 | Biomaterials used in Dentistry. Emerging technologies in Contemporary Dentistry. Molecular Dentistry |
| Dr. Jaju K.R. MDS | 3 | Development and Growth of Jaws & Orofacial structures. Development & Eruption of teeth, Deciduous & Permanent. Occlusion. Preventive Care in Paediatric patients. |
| | 4 | Oral Medicine Systemic diseases, the relevance of medications prescribed & their Oral Manifestations. Infections of Orofacial structures esp. periodontal diseases & their Manifestations in Systemic conditions. Relationship between Oral and systemic health. Women's Oral health care in Reproductive phase. |
| | 1 | Orofacial Pain & its Management |
| Dr. Jadav A.J. MDS | 5 | Dental Caries Gingival & Periodontal Diseases. Developmental Anomalies. Cysts & Tumours of Oral cavity. Neoplasms of Oral cavity. Oral Microbiology. |
| | 1 | Maxillofacial Trauma and Management of patient. |
| | 2 | Rehabilitation of lost Oral structures. Implantology. |