

INSTITUTE OF MEDICAL SCIENCES & SUM HOSPITAL, BHUBANESWAR

<u>DEPARTMENT OF ANATOMY</u>			
SL. NO	Name of Faculty	No. of Lectures Taken	Topics Covered
1	Dr. Sitansu Kumar Panda	20	Anatomical Position and Introduction Epithelial tissue Epithelium and glands Glands Connective tissue Special connective tissue Cartilage Bone-1 Bone-2 Oesophagus and General Introduction Stomach (Histology) Duodenum, Jejunum, Ileum (Histology) Liver Pancreas Lymph node and Thymus Spleen and Palatine tonsil Soft palate and Hard palate - 1 Soft palate and Hard palate - 2 Revision
2	Dr. Biswa Bhusan Mohanty	23	Olfactory nerve Optic nerve Oculomotor nerve Trochlear nerve Trigeminal nerve (2 classes) Abducent nerve Facial nerve (2 classes) Vestibulo cochlear nerve Glossopharyngeal nerve Vagus nerve (2 classes)

			Accessory nerve
			Hypoglossal nerve
			Introduction to genetics
			Chromosomes
			Chromosomal alterations
			Mutation
			Chromosomal anomalies
			Prenatal diagnosis of diseases
			Larynx
			Venous drainage of lower limb
			Ischaemic heart disease
3	Dr. Saurjya Ranjan Das	30	Cartilage
			Classification of Bones
			Law of Union of Epiphysis
			Type of Long Bones
			Mediastinum
			Bone Cells
			Arrangement of bony lamellae
			Ossification of Bone
			Joints
			Extra hepatic biliary apparatus
			Gall Bladder
			Knee Joint
			Fascial spaces of palm
			Porto caval anastomosis
			Bells Palsy
			Liver
			Blood supply of long bones
			Radius and Ulna
			Norma frontalis and verticalis
			Thorasic cage
			Sternum,Ribs,Vertebrae
			Humerus
			Fibula
			External features of heart

		Intracranial fossa
		Examination of Brain
		Blood supply of Brain
		Deep Cervical fascia
		Femoral Triangle
		Broncho pulmonary segment

4	Dr Gyanaranjan Nayak	39	Introduction to cardiovascular system
			Arterial system
			Terminal arteriole, metarteriole
			Microcirculation
			Venous system
			Portal system
			Collateral circulation and end artery
			Introduction to lymphatic system
			Lymphatic capillaries, vessels and trunk
			Lymphatic ducts and lymphocytes
			Thymus and tonsils
			Lymph node and spleen
			Cornea and sclera
			Iris
			Choroid, ciliary body, optical lens
			Anatomy of retina
			Physiology of vision
			Orbit
			Nasal cavity
			Paranasal air sinus
			External ear
			Boundaries of middle ear
			Contents of middle ear
			External and internal features of heart
			Front of thigh and femoral triangle
			Popliteal fossa and back of leg
			Hip joint
			Stomach
			Kidney
			Ovary and fallopian tube
			Prostate
			Anal canal
Carotid triangle			
Submandibular, submental, muscular triangles			
Norma basalis			

			Anatomy of pharynx
			Muscles, nerves and vessels of pharynx. Palatine tonsil.
			Caecum, appendix
			Shoulder joint
5	Dr. Pratima Baisakh	40	Introduction to embryology, ontogeny, phylogeny & stages of life
			Menstrual & ovarian cycle
			Gametogenesis (Spermatogenesis & Oogenesis)
			Fertilisation & In-vitro Fertilisation, fertility, sterility & surrogacy
			Contraception & pregnancy tests
			1st & 2nd week changes after fertilisation (Cleavage, blastocyst, Implantation, decidual reaction)
			Trophoblast, bilaminar germ disc, prochordal plate
			3rd week changes after fertilisation (Gastrulation, primitive streak, notochord)
			Embryonic period (somites, intraembryonic coelom, process of neurulation)
			Fetal membranes, placenta, Umbilical cord
			Estimation of fetal age, viability of fetus, twin pregnancy
			Development of limb & breast
			Teratology & prenatal diagnosis
			Development of heart & pericardium
			Congenital anomalies of heart & its large vessels
			Development of SVC, IVC, portal vein, Aortic arch arteries, fetal circulation
			Development of lungs & pleura, Tracheo- esophageal fistula
			Development & congenital anomalies of diaphragm
			Development & Derivatives of foregut
			Development of spleen, liver & pancreas with anomalies
			Derivatives of midgut & its anomalies
			Derivatives of hindgut & its anomalies
			Development of kidney & its anomalies

			Development urinary bladder, urethra & external genitalia with their Anomalies
			Development of female reproductive organs & their anomalies
			Development of female reproductive organs & their anomalies
			Pharyngeal apparatus & clinical syndromes
			Gross anatomy, development & anomalies of tongue
			Gross anatomy, development & anomalies of thyroid gland
			Development of face, palate, cleft lip & cleft palate
			Pituitary gland development & anomalies
			Development of nervous system,
			Neural crest cells, Neural tube defects
			Dural folds & Dural venous sinuses
			Cavernous sinus & its applied
			Inguinal canal & inguinal hernias
			Arches of foot & deformities of foot
			Vertebral column & Intervertebral disc
			Thoracic wall
			Brachial Plexus
6	Dr. B. Shanta Kumari	28	Mammary gland
			Autonomic Nervous System
			Spinal cord
			Brainstem (Medulla oblongata)
			Brainstem (Pons)
			Brainstem (Midbrain)
			Cerebellum
			Cerebrum
			Corpus callosum
			Internal Capsule, Basal ganglia
			Lateral ventricle
			Third & Fourth ventricles
			Blood supply to Brain
			Venous drainage of Brain
			Femur Bone
			Duodenum

			Revision (Brain & Spinal cord)
7	Dr. Swagatika Pradhan	4	Hip Bone
			Tibia
			Jejunum, Ileum
			Mesentry
8	Dr. Lopamudra Nayak	29	Posterior triangle of Neck
			Scapular region
			Scapula
			Humerus
			Front and Back of Arm
			Radius
			Ulna
			Front of the fore Arm
			Tarsal Bone
			Medial and posterior compartment of thigh
			Anterior and lateral compartment of leg
			Femur
			Back of leg
			Thoracic vertebrae
			Interior of Heart
			Introduction to Head and Neck
			Norma Occipitalis
			Norma Lateralis
			Frontal Bone
			Parietal Bone
			Maxillae
			Cervical Vertebrae
			Anterior triangle
			Carnial fossae
			Muscles of mastication
			Anterior abdominal wall
			Stomach
			Posterior abdominal wall
			Liver

9	Dr. Sujita Pradhan	29	Palm
			Axila
			Pectoral region
			Cubital fossa
			Clavicle
			Pectoral region
			Cubital fossa
			Back of fore arm
			Sole of the foot
			Gluteal region
			Fibula
			Popliteal fossa
			Talus
			Calcaneum
			Lungs and Pleura
			Blood supply of Heart
			Norma Verticalis
			Norma Frontalis
			Occipital Bone
			Temporal bone
			Carotid triangle
			Mandible
			Infra temporal region
			Rectus sheath
			Coeliac Trunk and Spleen
			Ureter and Suprarenal gland
			Sacrum
			Lumber Plexus
			Lunmber Vertebrae

Department of Physiology

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
1	Prof.(Dr.)Arati Mohanty	10	CNS, Special Sense, Blood
2	Prof.(Dr.)Ellora Devi	24	Respiratory System ,Basal ganglia, Cerebellum, Spinal cord, Reflexes
3	Prof.(Dr.)Dipti Mohapatra	21	Blood, Motor System, Hypothalamus.
4	Prof.(Dr.)Sandhya Gupta	20	Nerve muscle Physiology, Sensory System
5	Prof.(Dr.)Manasi Behera	26	Haemodynamics & Circulation, Endocrine System.
6	Prof.(Dr.)Kiran Kumar Patnaik	8	Vestibular apparatus, Postural Reflexes, Learning & Memory
7	Dr.Tapaswini Mishra(Assoc.Prof.)	20	Blood, Excretory System
8	Dr.Arati Meher (Assoc.Prof.)	25	Cardiovascular System, Endocrine System
9	Dr.Priyambada Panda (Asst.Prof.)	19	Gastrointestinal System, Reproductive System
10	Dr.Prajyoti Behera (Asst.Prof.)	20	Cell, ANS ,Special sense(Vision)
11	Dr.Sajal Clarence Singh (Asst.Prof.)	10	Respiratory System, Special sense(Ear, Smell, Taste), CSF Temperature regulation

Department of Biochemistry

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
1	Dr. Subhashree Ray, Prof. & HOD	11	Introduction to Biochemistry Cellular & Cell Organelle Cell membrane Introduction to Enzymes Enzyme classification Factors affecting Enzyme action Enzyme Inhibition Regulation of Enzyme Activity Iso-enzymes Clinical Enzymology (Enzymes is clinical chemistry, diagnostic & Therapeutic agent) Acute Myocardial Infarction

2	Dr. Sarthak Ranjan Nayak, Professor	16	<ol style="list-style-type: none"> 1. Structure and Function of Extra Cellular Matrix 2. Disorder related to Extra Cellular Matrix 3. Protein Sorting mechanism and Protein degradation mechanism 4. Bioenergetics, Energy rich compound 5. Redox potential, Organization of Electron Transport Chain 6. Inhibitors of Electron Transport Chain, Transport across, Mitochondrial Shuttle System 7. Liver Function Test 8. Kidney Function Test 9. Thyroid Function Test 10. Adrenal Function Test 11. Cellular and humoral components of Immuno structure 12. Types, Structure and Function of Antibody 13. Innate and adaptive immune response, autoimmunity 14. Antigen and concept involved in vaccine development 15. Enzyme Linked Immuno Assay (ELISA) 16. Immunodiffusion
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3	Dr. Subrat Kumar Tripathy, Professor	33	<ol style="list-style-type: none"> 1. Nucleic acid chemistry 2. DNA & RNA Structure 3. Mi RNA, t RNA 4. Integration of Metabolism 5. Purine Metabolism 6. Pyrimidine Metabolism 7. Organization of DNA & Chromosome 8. Cell Cycle 9. DNA replication & Repair 10. Translation 11. Genetic code, Mutation 12. Gene regulation 13. Eukaryotic gene regulation 14. Genetic engineering 15. Revision of Replication and Translation 16. Revision on Translation and gene regulation 17. PCR, HGP 18. RFLP, Blotting technique, ELISA,RIA 19. SDL class on molecular Biology 20. Biochemistry of Cancer 21. Isolation of DNA 22. Sample collection (PG) 23. Colorimeter & Spectrophotometer 24. Automation in clinical Chemistry 25. IQA, EQAS 26. Accreditation of Laboratory 27. Molecular techniques 28. Tool in molecular biology 29. COVID sample collection protocols 30. Biochemical tests in COVID positive 31. PCR, RTPCR 32. Protein sorting 33. Separation techniques
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4	Dr. Sudeshna Behera, Assoc. Prof.	16	<ol style="list-style-type: none"> 1. Vitamin A 2. Vitamin D 3. Vitamin E, K & Clinical Case discussion 4. Vitamin C 5. Vitamin B₁ , Biotin 6. Niacin, Vitamin B₆, Vitamin B₂ 7. Vitamin B₁₂, Folic acid 8. Pantothenic acid, vitamin like substance, Q/A discussion 9. Minerals(introduction), Iron 10. Calcium ,phosphorus 11. F, Cu, Se 12. Zinc, Mg, Mn 13. Rest of the Minerals and Q/A discussion 14. Micronutrient deficiency 15. Inborn errors of metabolism 16. Chromatography
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5	Dr. Itishri Jena, Assoc. Prof.	17	<ol style="list-style-type: none"> 1. Lipid Chemistry : Biomedical Importance, Classification, FA 2. Lipid Chemistry : FA Proportion, Isomerism, EFA, 3. Lipid Chemistry : TAG, Phospholipids 4. Lipid Chemistry : Glycolipids, Lipoprotein, steroid 5. Digestion, Absorption of Lipids & Disorders 6. Beta Oxidation of Fatty acid 7. Ketone Bodies Metabolism 8. Fatty Acid Synthesis 9. Cholesterol Metabolism 10. Lipoprotein Metabolism 11. Metabolism of Phospholipids, TAG Metabolism, PGs 12. Nutrition: BMR, PA, SDA, dietary carbohydrate. 13. Nutrition : dietary protein, Fat, Micronutrient, nutritional value of commonly food 14. Nutrition : PEM, Obesity, Pregnancy Nutrition 15. Nutritional Advice for childhood, adult, DM, CAD, Balanced diet, Glycemic index 16. Electrophoresis & PAGE 17. Dyslipidemia & Gout
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6	Dr. Sangeeta Sanghamitra Bhanja,	16	<ol style="list-style-type: none"> 1. Carbohydrate Introduction, Biomedical Importance, energy sources, classification 2. Properties of carbohydrate & 3. Disaccharides (Maltose, Lactose, Sucrose) 4. Polysaccharide (Homo) / GD/ MCQ discussion 5. Heteropolysaccharide (GAG) 6. Introduction to Meta (Carbohydrate) 7. Glycolysis & Regulation of glycolysis 8. PDH complex & TCA cycle 9. Gluconeogenesis & Glycogen Metabolism 10. Glycogen Metabolism, HMP Shunt 11. Metabolism : Uronic acid, Fructose, Sorbitol, Galactose 12. Glucose Homeostasis & DM 13. GTT 14. HbA1c and its interpretation 15. ECE on DM 16. SDL class on glucose metabolism
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7	Dr. Rajlaxmi Tiwari, Asst. Prof	18	<ol style="list-style-type: none"> 1. AA's – Classification and Properties 2. Protein – Classification, Properties test for AA and Proteins 3. Structure Organization of Protein 4. Structure relationship of Protein, Protein folding 5. Protein digestion 6. Transamination, Deamination 7. Ammonia Metabolism, Urea cycle & disorders 8. Glycine 9. Branch chain AA 10. Serine, Threonine 11. Sulphur AA 12. Aromatic AA 13. Tryptophan, Histidine, Proline 14. Biogenic amines 15. Mechanism of hormonal action 16. Mechanism of hormone action-II 17. Free radicals 18. Antioxidants
8	Dr Sudeshna Ray Asst. Prof.	7	<ol style="list-style-type: none"> 1. pH 2. Buffers 3. Acid base balance disorders 4. Metabolism of Xenobiotics 5. Heme metabolism 6. HIV & AIDS 7. ECE on Acid base balance

Department of Pharmacology

Sl. No	Name of faculty	No of Classes	Topic
1	Dr. S.S.Mishra (Prof.)	1	Principle of Pharmacology
		2	Membrane transport-I
		1	Membrane transport-II
		1	Summarization of General Pharmacology
		1	Prescription writing
		2	Intruduction to ANS
		1.5	Anticholinergic Drugs
		1	OP Poisoning
		1	Intruduction to CNS
		2	General Anaesthesia
		1	G.A & Preanesthetic Medication
		1	Diuretic - I
		2	Diuretic - II
		2	Diuretic - III
		2	C.H.F - I
		1	C.H.F - II
		1	C.H.F - III
		1	Anti-arrythmic drugs-I
		1	Anti-arrythmic drugs-II
		2	Anti-arrythmic drugs-III
		2	Introduction to Endocrinology
		1	Aminoglycosides - I
		1	Aminoglycosides - II
		1	Anticancer drugs - I
1	Anticancer drugs - II		
2	Dr. Swati Mishra (Professor)	2	Drug Biotransformation
		2	Factors Modifying drug action
		1.5	Adrenergic system & Drugs
		2	Opioids - I

		1	Opioids - II
		1.5	Rationality of drugs
		1	Anti Coagulant- I
		2	Anti Coagulant- II
		1	Hypolipidaemic drugs
		2	Anti hypertensive drugs - I
		1	Anti hypertensive drugs - II
		1	Corticosteroids - I
		1	Corticosteroids - II
		1	Macrolides & Urinary antiseptics
		1	Antimalarial drugs - I
		1	Antimalarial drugs - II
3	Dr. Karmajeet Rath (Professor)	1.5	Routs of Drug Admmistration
		1.5	Kinetics & elimination
		1.5	Histamine & Anti histamine
		1.5	Antiepileptic -I
		1.5	Antiepileptic -II
		1	Antiplatelet drugs
		1	Antidiabetic drugs -I
		1	Antidiabetic drugs -II
		1	Antidiabetic drugs -III
		1	Immunomodulators
4	Dr.Rasmirekha Behera (Professor)	2	Drug Absorption
		2	Skeletal Muscle Relausant
		1	Treatment of Gout
		1	Anti Rhemataid drugs
		1	Sedative & hypnotics - I
		1	Sedative & hypnotics - II
		1	Anti Pshycotic- I
		1	Anti Pshycotic- II
		1	Antiviral drugs
		1	Antiretroviral drugs - I
		1	Antiretroviral drugs - II

	2	RAAS
	1	Treatment of shock
	1	Antianginal drugs-I
	2	Antianginal drugs-II
	1	Evidence based medicine
	1	Essential medicine
	1	Peptic ulcer -I
	2	Peptic ulcer -II
	1	I.B.D
	1	Introduction to Antimicrobial drugs
	1	Rational use of Anti-microbial
	1	β - lactam antibiotics -I
	1	β -lactam antibiotics -II
	1	Clinical trial & GCP

5	Dr. Sansita Parida (Assoc. Professor)	1	Distribution of Drugs		
		1	Principle & Mechanism of Drug Action		
		1	Drug Interaction		
		1	Dose Calculation		
		2	Local Anaesthetics		
		2	Neurodegenerative disorders		
		1.5	Anaemia, Iron		
		1.5	Dosage form -I		
		1.5	Dosage form -II		
		1	Vitamin & Sera		
		2	Prescription audit		
		1	Bronchial Asthma & COPD -I		
		1	Bronchial Asthma & COPD -II		
		2	Anti-tubercular - I		
		1	Anti-tubercular - II		
		1	XDR & MDR		
		1	Anti pituitary hormone		
		1	Sulfonamides & Cotrimoxazole		
		6	Dr. Smita Das (Assoc. Professor)	2	DRC & Combined effect of drugs
				2	Combined drug effect drug Nomenclature
1	Cholinergic system & Drugs - (i)				
2	Cholinergic Drugs - (ii)				
2	Introduction to Autacoids, PG, NSAIDS - I				
1	NSAIDS - II				
2	Antidepressant drugs				
1	Folic acid, Vit B12				
1	Antimanic				
1	Fibrinolytic & plasma expander				
1	Anti- diuretics				
2	To prepare and explain a list of p-drugs for a case				
1	Cough				
1	Calcium balance -I				
2	Calcium balance -II				

		1	Tetracycline & chloramphenicol		
		1	Anti fungal-I		
		1	Anti fungal-II		
7	Dr. Prasanna Pradhan (Asst. Professor)	2	Drug promotional literature		
		2	Effect of drug on BP-I		
		2	Effect of drug on BP-II		
		2	Interaction with pharmacologist		
		2	Emetic & Antiemetics		
		1	Vaccines		
		2	PV and ADR		
8	Dr. Debasish Misra (Asst. Professor)	1	Alpha Blockers		
		1	5th & Drugs to Migrain		
		1	Ethanol		
		2	ADR		
		1	Methanol & Ethanol possioning		
		2	Drug abuses deaddiction		
		2	Pharmacological basic of blood		
		1	Laxative		
		1	Androgen		
		1	Quinolones		
		1	Antileprosy drugs		
		9	Dr. Manika Bose (Asst. Professor)	1	Excretion
				1	β - Blocker-I
1.5	β - Blocker-II				
2	ORS				
2	Essential medicines practical				
1	Anti-diarrhoeal drugs				
1	Thyroid & Antithyroid - I				
1	Thyroid & Antithyroid - II				
1	Estrogen, Progesterone, Contraceptive pill -I				
1	Estrogen, Progesterone, Contraceptive pill -II				
1	Assessment				
1	Estrogen & Antiestrogen -III				

		1	Anti-amoebic drugs
10	Dr. S.S.Mishra (Prof. & HOD)	2	Pharmacogenomics & Pharmacoeconomics
11	Dr. Swati Mishra (Professor)	2	Communication pharmacology
		2	Prescription writing
		2	Flipped class room
12	Dr.Rasmirekha Behera (Professor)	2	Drug dependance & management
		2	Prescription
13	Dr. Sansita Parida (Assoc. Professor)	3	Dosage form demonstration
		2	Demonstration of setting up of an IV drip
		1	Therapeutic problems
		1	Demonstration of route of drug administration using Mannequin
		2	Drug dose calculation
14	Dr. Smita Das (Assoc. Professor)	3	Online practical classes, Exam pattern discussion
		2	(PH-2.3) Demonstrate the appropriate setting up of an intravenous drip in a simulated environment
		2	(PH3.8) Communicate for the proper use of prescribed medication
		3	Demonstration of route of drug administration using Mannequin
		2	Dietary supplements & Nutraceuticals
15	Dr. Prasanna Pradhan (Asst. Professor)	3	Revision of PDL, Interaction with MR
16	Dr. Debasish Misra (Asst. Professor)	4	(PH5.1) Communicate with the patient with empathy and ethics on all aspects of drug use
		2	PV & ADR Reporting
		2	OTC Drug
		2	Pharmacovigilance work shop
		2	Legal & Ethical aspects of prescribing drugs
		2	Demonstration of route of drug administration using Mannequin
		2	Routes of drug administration
		2	Geriatric & Paediatric Pharmacology

17	Dr. Manika Bose (Asst. Professor)	4	(PH5.1) Communicate with the patient with empathy and ethics on all aspects of drug use
		2	Communication with patient optional drug therapy
		2	Motivate patient manage by health care provide
		2	OTC Drug
		1	Pharmacovigilance work shop
		2	Legal & Ethical aspects of prescribing drugs
		2	Demonstration of route of drug administration using Mannequin
		1	Routes of drug administration - Mannequin
		2	Heavy metal poisoning & chelating agent

Department of Microbiology

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
1	Dr Kundann Kumar Sahu	14	Ab, Ag-Ab Reaction, SDL-Ag-Ab Reaction(2), Herpes viridae, SDL-NSI, Viral and + Fungal causes of diarrhea, Hepatitis(Viral)(3), Intestinal nematode, Nematode(2), Viral Meningitis(SSPE + Mis causes)
2	Dr.Rajashree Panigrahy	12	Immunity (two), Anaemia/Malaria-1, Diagnosis of Malaria, Antigen, Pneumonia(2), E. coli(2), Emerging Viral Infection, Viral meningitis(Polio), Viral Meningitis(Rabies),
3	Dr Surya Narayan Mishra	10	Structure & function of immune system (2), Pneumonia (2), Cholera(2), Enteric Fever(3), STD (Syphilis), STD (Syphilis Leptospirosis),
4	Dr. Debasish Sahoo	4	Disinfection, Shigella, Zoonosis
5	Dr.Sarita Otta	20	Gen virology, Lab dx of virus, Anthrax, Candida, Assessment(2), Parasite Intestinal nematode (3), Tuberculosis(2), NTM+TB Pract, Trematode(2), Leishmania(2), Gonorrhea, Parasitic Meningitis (Free living + others)
6	Dr Sunita Kabi	20	Sterilization (two), Lab diagnosis of Parasites, Drug Resistance, ABST, HIV(3), Complement, Viral Pneumonia(3), Food poisoning, ARF, Viral hemorrhagic fever(3), Fungal Meningitis (Crypto + Dimorphic), Tetanus
7	Dr. Priyadarsini Bhoi	14	Bio-chemicals(GPC), Hook worm (2), Staphylococcus (2), Fungal/Parasite Pneumonia, Coccidian Parasites, Cestode(3), Viral Hepatitis(3), Cong infect(Rubella + Toxo),
8	Dr. Lipika Jena	9	General Parasite, Normal/General Parasitology, Dr.Lipika Jena(2), Leprosy, Intestinal nematode, BSI + PUO, UTI Syndrome(E.coli), UTI(Chlamydia)
9	Dr.Swati Mishra	11	Culture Methods, Culture Methods, General Mycology (2), Pharyngitis (2), Diphtheria, Amoebiasis(2), Filaria(2), Meningitis(Syndrome + N.meningitis)
10	Dr.Pragyan Paramita Jena	2	Ventilator Associated Pneumonia, HAI
11	Dr.Nandita Sharma	1	Biochemical test of GNB

Department of Pathology

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
	Prof. (Dr.) Debahuti Mohapatra	8	Neoplasia
	Prof. (Dr.) Pranita Mohanty	6	Blood vessels and CVS
	Dr. Sarita Pradhan	15	1.Genetics 2. WBC disorder & Lymphnode
	Dr. Rajesh Kumar Bhola	14	1.Immunology 2. Platelet disorder and blood banking
	Dr. Ripunjay Mohanty	8	RBC disorders
	Dr. Anima Hota	14	1.Breast and female genital tract 2. clinical Pathology
	Dr. Sujata Naik	14	1. Male genital tract 2. Inflammation and healing repair
	Dr. Nibedita Sahoo	10	GIT and hepatobillary system
	Dr. Priyadarshini Dehuri	12	1.Kidney and urinary tract 2. Bone and soft tissue
	Dr. Surabhi	11	1. Respiratory System 2 .Infectious disease and diseases of child hood
	Dr. Mohita Ray	14	1.Endocrine system 2. Cell injury, Adaptation
	Dr. Sonali Kar	6	Fluid & Haemodynamics

DEPARTMENT OF F.M & T

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
1	Dr Kunal Mishra, Professor	9	Foundation Of Communication (AETCOM) NMC and State Medical council Bioethics I (AETCOM) Euthanasia Bioethics II (AETCOM) Postmortem Changes I Postmortem Changes II Postmortem changes III Postmortem changes IV
2	Dr Mohan Kumar Hansda	7	Post mortem examination of HIV dead bodies Medical Negligence I Medical Negligence II Consent Medicolegal aspects of Injuries I Medicolegal aspects of Injuries II Grievous Injuries
3	Dr Sasank Shekhar Maharik	9	Dying Declaration & Dying deposition Offences in Court Mental Health Act Workmen compensation Act and Medical Indemnity Insurance Rights of Doctor Identification -II Identification-III Identification-IV

4	Dr Vikash Chandra	15	Introduction to FMT Legal Procedure Principle of medical ethics POCSO Act MTP Act THOA Act PCPNDT Act COPRA Act Sex Determination in bones Identification-I Sudden Death Laws related to medical practice Age determination Professional secrecy Mechanical Injury
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DEPARTMENT OF GENERAL MEDICINE

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
1	Dr. Samir Sahu	8	Endocrinology
2	Dr. Sobhitendu Kabi	18	Emergency Medicine, Haematology
3	Dr. B Kar	16	Gastroenterology, Environmental Medicine
4	Dr Chandan Das	17	Nephrology, Rheumatology
5	Dr. Ashwini Kumar Sahoo	17	Neurology, Infection
6	Dr. Subhash Chandra Das	18	Neurology, CVS
7	Dr. Sarada Prasad Sahu	14	Oncology, Infection
8	Dr. Arpita Dash	14	Neurology, Gastroenterology
9	Dr. Udaybhanu Rout	16	Endocrinology, CVS
10	Dr. Ashish Malla	16	Endocrinology, CVS
11	Dr. Debasmita Tripathy	16	Infection, CNS
12	Dr. Siba Prasad Dalai	17	Haematology, Emergency Medicine
13	Dr. Surya Narayan Jena	12	CVS, Respiratory System
14	Dr. Gyanendra Sathua Mohapatra	14	Oncology, Pancreas
15	Dr Santosh Ku Swain	11	Neurology, Gastroenterology
16	Dr. Mrunmaya Ricky Jena	18	CVS, Respiratory System
17	Dr S K Samal	10	Infections, Haematology
18	Dr AP Dash	10	Infections, GI System
19	Dr Biswajit Mohanty	16	CVS, Infection
20	Dr Samir Ranjan Jena	16	Infections, Neurology
21	Dr Sourab Pradhan	8	CVS
22	Dr Manoj Ku Onkar	8	Respiratory, CNS
23	Dr Nalinikanta Sahoo	8	Haematology, CNS
24	Dr. Brijeshraj Swain	10	Gastroenterology, Infection
25	Dr V Roy	6	GI System
26	Dr Tapan Ku Panda	6	Respiratory, Infection
27	Dr Ansuman Dash	7	General Examination, Respiratory System
28	Dr Binod Prusty	10	Respiratory, GI System
29	Dr Bibhupada Hota	7	Infection, GI System

DEPARTMENT OF RESPIRATORY MEDICINE

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
1	DR.BANANI JENA	1	DISEASE OF PLEURA
2	DR.RAKHI LUDAM	2	OCCUPATIONAL LUNG DISEASE
3	DR.GANESH CH MOHAPATRA	3	ILD SYMPTOMS OF RESPIRATORY DISEASES
4	DR.PRIYADARSHINI BEHERA	4	COPD PNEMOTHORAX LUNG ABCESS COVID-19
5	DR.SANGITA JENA	4	BRONCHIECTASIS PTB ASTHMA
6	DR.SONALI PARIDA	3	COPD APPROCH OF PLEURAL EFFUSION PTB & EPTB
7	DR.PRITAM CHHOTRAY	3	HOSPITAL ACQUIRED PNEUMONIA TB INTRODUCTION COMMUNITY ACQUIRED PNEMONIA

DEPARTMENT OF DVL

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
1	DR. BIKASH RANJAN KAR	3	Introduction & Basic skin lesions Psoriasis Disorders of pigmentation – 1 (vitiligo)
2	DR. AJAYA KUMAR JENA	3	Acne vulgaris Urticaria and angioedema Hansen's disease -1
3	DR. BHABANI STP SINGH	2	Vesiculo-bullous disorders – 1 Vesiculo-bullous disorders –2
4	DR. CHINMOY RAJ	2	Scabies Bacterial infections
5	DR. DEBASMITA BEHERA	2	Superficial Fungal skin Infections Deep fungal infection
6	DR. LIZA MOHAPATRA	2	Rosacea & other related disorders Psoriasis form & other papulo squamous disorders
7	DR. MAITREYEE PANDA	2	Various types of rash & D/D of fever with rash Cutaneous drug reactions

DEPARTMENT OF PSYCHIATRY

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
1	Prof. Surjeet Sahoo	7	Introduction to Psychiatry, Schizophrenia, Mood disorder: Classification mania, depression, Bipolar disorder, Psychopharmacology
2	Prof. Suwendu Narayan Mishra	3	Addiction, Consultation liaison Psychiatry, Emergency Psychiatry
3	Dr. Jitendriya Biswal	2	BPAD - MGT with introduction to mood stabilization, Classification - Anti depressant Anti Psychosis
4	Dr. Snehanshu Dey	1	Personality Disorder.
5	Dr. Amiya Krushna Sahu	2	Child Psychiatry.
6	Dr. Rakesh Mohanty	1	Community Psychiatry.
7	Dr. Soumya Ranjan Dash	2	Sleep Disorder, Legal issues & ethics in Psychiatry.

DEPARTMENT OF PAEDIATRICS

SL. NO	Name of Faculty	No. of Lectures Taken	Topics Covered
1	Dr. Rachita Sarangi	5	Growth & development
2	Dr. Jasashree Choudhury	9	Behavioral disorders Acute diarrhoea Persistent Chronic diarrhoea Celiac disease Malabsortion Varial hepatites Chronic Liver Disease
3	Dr.Swarup Bisoi	9	Nutrition Management of SAM Vit -D , Nutritional Rickets Vit-A, Other Fat Soluble Vit Vit- C, B Complex & deficiencies
4	Dr.Debasmita Rath	8	Immunization Bacterial meningitis and encephalitis in children Tubercular Meningitis AFP Cerebral Palsy
5	Dr.Ratan Das	3	LBW ,etiology clinical feture LBW, Management Neonatal jaundice
6	Dr.Bhabagrahi Mallick	2	Neonatal infection
7	Dr.Bineet Panigrahi	2	Identification of sick neonate Neonatal Respiratory Distress
8	Dr. Mamata Devi Mohanty	7	Introduction,DIPHTHERIA Pertusis Tetanus(Including Neonatal Titanus) Measels, Rubella Malaria In Children Covid-19

			Health Programme In Children
9	Dr. Braja Kishore Behera	6	Tb Enteric Fever, Scrub Typhus Dengue And Polio Varicella, Mumps Chronic Liver Disease Portal Hypertension
10	Dr. Debashree Priyadarshini	4	Principle of fluid and electrolyte therapy in children Diagnosis & management of important fluid & electrolyte imbalances in children Pathophysiology of acid- base imbalance and principle of management Review of previous topics & Q & A s
11	Dr. Saroj Kumar Satpathy	5	Macrocephaly and Hydrocephalus Microcephaly Childhood stroke and infantile Hemiplegia Status Epilepticus and Febrile Seizure Movement disorders in Children
7 th SEMESTER (2018 19 BATCH) THEORY CLASSES 2021			
1	Dr. Anusandana Mahapatra	9	Enteric fever, scrub typhus Dengue, Polio Acute Rheumatic Fever Congenital Acyanotic Heart Disease and PDA ASD & VSD Cyanotic heart disease & TOF TOF & EYE CCF Fetal Circulation and pulmonary Hypertension
2	Dr. Braja kishore Behera	3	Typhoid Precocious puberty and hyperthyroidism HTN
3	DR. BASUDEV BISWAL	3	Principle Of Inheritance And Diagnosis Of Genetic Disorder Down Syndrome Therapeutics
4	Dr. Debashree Priyadarshini	1	Electrolyte Imbalance

5	Dr. J. Bikrant Kumar Prusty	3	Hypothyroidism And Hyperthyroidism In Children Delayed And Precocious Puberty Diabetic Melitus And Diabetic Ketoacidosis
6	Dr. Mamata Devi Mohanty	8	Diphtheria Measles ,Mumps Malaria in Children Varicella,Rubella Approach To Anaemia With Hepatosplenomegaly Accute Hemolytic Anaemia Thalassaemia Sickle Cell Anemia
7	Dr. Subhashree Beura	1	ROAD TRAFIC ACCIDENT AND FALLS
8	Dr. Bhabagrahi Mallick	3	Neonatal jaundice, Neonatal Convulsion, Transport of newborn & Respiratory Distress in Newborn
9	Dr.Bibhudatta Dash	10	Pertusis Titanus TB TB HAEMOPHILIA , ITP LYMPHOMA, HSP,NTP HSP,ITP HAEMOPHILIA,NTP
10	Dr. Dillip Kumar Dash	6	CNS(Meningitis) CNS (TBM) CNS (Aseptic Meningitis & encephalitis) CNS (encephalitis) CNS (AFP) Cerebral Palsy, Seizures and Meningitis in children
11	DR.DEBASMITA RATH	2	CLINICAL APPROACH TO CHILD WITH SUSPECTED POISONING COMMON POISONING AND ENVENOMATIONS
12	Dr. Ratan Kumar Das	2	Neonatal infection Transport of newborn & Respiratory Distress in Newborn

13	Dr.Jasashree Choudhury	8	<p>URTI,sinusitis,otitis media Tonsillopharyngitis, croup,epiglottis Pneumonia Bronchiolitis, Bronchitis Bronchial asthma Asthma Management Empyemathoracis, pleural effusion,foreignbody aspiration, Pneumothorax Pneumonia and pleural effusion, Childhood Asthma</p>
14	Dr.Mrutunjay Dash	9	<p>Etiology,Pathophysiology Treatment and complication of acute diarrhea Functional gastrointestinal disorder Vomiting in Children Viral Hepatitis (part-I) Viral Hepatitis (part-II) Viral Hepatitis Persistent and viral diarrhea Chronic liver disease Reye's syndrome and celiac disease Portal hypertension & GI bleeding in children</p>
15	Dr.Rachita Sarangi	4	<p>Nephrotic Syndrome Haematuria & AGN UTI Renal and bladder stone and obstructive uropathy</p>
16	Dr. Saroj Kumar Satpathy	5	<p>CNS Hydrocephalus & microcephaly CNS movement disorder CNS seizure disorder, status epilepticus CNS childhood stroke CNS microcephali</p>

DEPARTMENT OF GENERAL SURGERY

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
1	Dr. Jagadananda Mishra	11	Clinical Surgery
2	Dr. Jagmohan Mishra	10	External Genitalia / Followed by Arterial Venous lymphatic / Stomach & Duodenum
3	Dr. Prakash Kumar Sahoo	10	Laparoscopic Surgery / Followed by Fluid & electrolytes, Shock, Blood transfusion, Salivary glands / Endocrine Surgery & Breast / Thyroid
4	Dr. Biren Prasad Padhy	11	Colon / Followed by Metabolic Response to Injury wound Healing, Ulcer, Sinus, Fistula / Laparoscopic Surgery / Pancreas
5	Dr. Jitendra Narayan Senapati	11	Testes / Followed by Surgical Infections, Perioperative care, Investigation in Surgery / External Genitalia , Testes
6	Dr. Jyoti Ranjan Pani	12	Spleen / Appendix
7	Dr. Dasarathi Murmu	12	Liver & Gallbladder
8	Dr. Debasish Samal	10	Rectum & Anal Canal / Hepatobiliary & Pancreas / Hydatid cyst of liver

9	Dr . Rashmi Ranjan Sahoo	10	Wound, Wound healing, Scar, Keloid, Tissue Repair, Hemorrhage, Shock, Blood transfusion
10	Dr. Binay Mihir Kunar	12	Specimen, Instrument, X-ray / Abdominal wall, Umbilicus, Hernia
11	Dr. Suman Saurav Rout	11	Fluid & electrolytes, Shock, Blood transfusion, Salivary glands
12	Dr. Das Birendra Manohar	10	Arterial Venous lymphatis
13	Dr. Swopna sagar Das	9	Metabolic Response to Injury wound Healing, Ulcer, Sinus, Fistula / Peritoneum, Retroperitonium, Mesentery, Pre and Postoperative care
14	Dr. Sunil Kumar Kar	11	Surgical Infections, Perioperative care, Investigation in Surgery
15	Dr. Nalini Kumar Naik	7	Oesophagus, Stomach and Duodenum

DEPARTMENT OF ORTHOPAEDICS

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
1	Prof.Aniruddh Dash	13	Proximal femoral fractures internal derangements of knee injuries of ankle and foot Fracture pelvis and dislocation of hip joint fracture of clavicle, scapula and dislocation of shoulder joint
2	Dr.Subrat Mohapatra	16	SCFE, Tb spine, CTEV, fracture neck of femur polytrauma, prolapse intervertebral discs spondylolisthesis, Arthroplasty, Arthroscopic total knee replacement dorsolumbar spine fracture degenerative spine disease , TLIF Intraarticular fracture , Avascular necrosis
3	Dr.Rajesh Rana	14	Flat foot, Vertical talus deformity, hallux valgus metatarsalgia and painful foot, heel Lisfranc sprain and injury physical therapy rehabilitation , Orthotics prosthetics Occupational therapy manipulation, Mobilisation , Rehabilitation CTEV, Chronic Osteomyelitis , TB spine, TB other joints clavicle & scapula fracture shoulder dislocation & AC joint dislocation
4	Dr.Sudarsan Behera	17	Monteggia and Galeazzi fracture distal radius fracture principle of amputation osgood-schlatter disease , Talus Fracture , tibia shaft fracture shaft of femur paget's disease, parathyroid bone disease metabolic bone disease rickets and osteomalacia neck of femur fracture , limb length discrepancy , hip dislocation

			distal tibia fracture ,distal femur fracture congenital caxa vara, calcaneum fracture
5	Dr.Santosh Kumar Sahu	15	Tennis elbow,Pathological Fractres juvenile Rheumatoid arthritis,frozen shoulder pivd,osteoporosis,osteoarthritis,rheumatoid arthritis,gout,chronic osteomyelitis, plantar fasciitis,rickets/osteomalacis,carpal tunnel,syndrome,osteosarcoma ankylosing spondylosis
6	Dr.Sisir Kumar Sahoo	14	Benign bone tumor (ABC/SBC), Benign bone tumorprothesis and orthosis ,AmputationSpine Injury ,TB Spine, Kyphosis, ScoliosisSpondylolisthesis , PIVD , Fracture neck of femur Juvenile Adolesent disease syndrome Prolapsed intervertebral disease (Herniated nucleus pulposus)
7	Dr.Sandeep Lenka	12	fracture and clasification, management of fracture biology of fracture healing fracture intertrochanter femur and management ankle fracture and management fracture shaft femur and management dislocattion of hip and management humerus fracture and its management peripheral nerve injury , tennis elbow trigger finger proximal humerus fracture and management
8	Dr.Nabin Kumar Sahoo	7	Scaphoid # , Neck femur # Distal Radius #, montagia # galleazi #, heal pain planter fasciitis compartment syndrome

Department of Obestetrics & Gynaecology

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
1	PROF. MANISHA SAHU	10	1. ANEMIA IN PREGNANCY 2. DIABETICS IN PREGNANCY 3. HEART DISEASE IN PREG 4. HYPOTHYROIDISM IN PREG 5. HEPATITIS IN PREG.
2	PROF. SIBANANDA NAYAK	10	CIN & CARCINOMA CERVIX CARCINOMA ENDOMETRIUM CANCER VULVA CANCER VAGINA CANCER ENDOMETRIUM
3	PROF. TAPASI PATI	10	1. Rupture Uterus 2. Obstetric shock 3. Perinatal in Maternal Mortality MMR & PERINATAL MORTALIGY , PPH
4	PROF. SATYABHAMA MARANDI	6	GYNAECOLOGICAL HORMONE PROLAPSE UTERUS
5	PROF. SASMITA DAS	6	NORMAL LABOR MAL POSISITON & MAL PRESENTATION
6	PROF. KABITA CHANANIA	5	1. Fibroid Adenomyosis 2. DUB
7	DR. RATNA PANDA	6	Pro longed Pregnancy Intra Uterine Fetal Death APH, PPH, NORMAL LABOR
8	PROF. SUJATA P. MISHRA	6	1. Abnormal Uterine Action 2. Obstructed Labor 3. Contracted Pelvis 4. HYPERTENSIVE DISORDER IN PREG
9	PROF. SUJATA PRADHAN	5	INFERTILITY
10	DR. C.B DALAL	6	1. Normal & Abnormal Vaginal Discharge

			2. Sexually Transmitted Diseases 3. Tuberculosis of the Genital Tract 4. PCOS
11	DR. PRATIBHA JENA	6	1. Gestational Trophoblastic Diseases (GTD) 2. Ectopic 3. MAL POSITON & MAL PRESENTATION
12	DR. PADMALAYA THAKUR	4	ANATOMY OF UPPER GENITAL TRACT WITH APPLIED ANATOMY , OG 2.1.1 ANATOMY OF LOWER GENITAL TRACT WITH APPLIED ANATOMY , OG 2.1.2 EMBRYOLOGY OF GENITAL TRACT WITH APPLIED ANATOMY OG 2.1.3
13	DR. RAJEEB JENA	5	PHYSIOLOGY OF OVULATION , OG 3.1.1 PHYSIOLOGY OF MENSTRUATION, OG 3.1.2 GAMETOGENESIS , OG 3.1.3 FERTILIZATION & IMPLANTATION , OG 3.1.4 PHYSIOLOGY OF CONCEPTION - ASSESSMENT , OG 3.1.5
14	DR. P. SARITA	6	DEVELOPMENT OF PLACENTA & PLACENTAL CIRCULATION , OG 4.1.1 DEVELOPMENT OF INNER CELL MASS & BASIC FETAL EMBRYOLOGY , OG 4.1.2 PLACENTAL STRUCTURE, FUNCTION & AGING , OG 4.1.3 FETAL PHYSIOLOGY OF CIRCULATION , OG 4.1.4 FETAL MEMBRANE, UMBILICAL CORD & AMNIOTIC FLUID OG 4.1.5 DEVELOPMENT OF FETUS & PLACENTA - ASSESSMENT , OG 4.1.6
15	DR. TANUSHREE S. RATH	3	ENDOMETRIOSIS
16	DR. RACHITA PRAVALINA	3	COAGULATION DISORDER IN PREG

DEPARTMENT OF OPHTHALMOLOGY

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
1	Dr. Anita Minj	8	Optics & Refraction
2	Dr. Loknath Mohanty	8	Conjunctiva
3	Dr. Lolly Pattnaik	8	Cornea, Sclera
4	Dr. Jasmita Satapathy	9	Uvea, Neuro-Ophthalmology
5	Dr. Suprava Das	10	Lens, Ocular Injuries
6	Dr. Pranjya Paramita Mohnaty	9	Glaucoma
7	Dr. Pradeep Kumar Panigrahi	10	Retina, Vitreous
8	Dr. Suchismita Mishra	8	Ocular Motility & Strabismus, Disorders of Eye Lids, Diseases of Lacrimal Apparatus
9	Dr. Ramesh Chandra Mohapatra	2	Community Ophthalmology
10	Dr. Adyasha Dash	2	Diseases of Orbit

Department Of Otorhinolaryngology

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
1	Dr. Santosh Kumar Swain	25	Ear
2	Dr. Saumya Ranjan Das	15	Larynx & Paranasal Sinus
3	Dr. Santosh Kumar Pani	15	Nose
4	Dr. Alok Das	10	Larynx & Paranasal Sinus
5	Dr. Bulu Nahak	10	Nose

Department of Anaesthesiology

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
1	Dr.Sulochana Dash	1	Introduction anaesthesia and Pre – Anesthetic Evaluation
2	Dr.Rasmita Behera	1	General Anesthesia-Stages, How to Conduct it
3	Dr.Sumita Swain	1	Anatomy of Larynx and Airway management in anaesthesia
4	Dr.Soumya Samal	1	Intravenous Anesthetic agents (Induction Agents)
5	Dr.Bhagesh Kar	1	Non Depolarising Neuromuscular blockers
6	Dr.Rajib Lochan Samal	1	Inhalational Anesthetic agents
7	Dr.Swastika Swaro	1	Local anesthetics
8	Dr.Kasturi Nanda	1	Central neuroaxial blockade
9	Dr.Perna Biswal	1	Monitoring in Anesthesia
10	Dr.Ranjita Acharya	2	Common Perioperative complications (HTN, Arrhythmia, PONV, Hypoxia, Post operative pain)
11	Dr.Sushree Das	1	BLS
12	Dr.Madhusmita Patro	1	ACLS
13	Dr.Swarna Banerjee	1	Oxygen Therapy
14	Dr.Bhavna Sriramka	1	Central venous catheterization
15	Dr.Rohan Roshan Nayak	1	Dyselectrolypemia and its anesthetic implications
16	Dr.Sheikh Mustak Ali	1	Peripheral nerve blocks

Department of Radio - Diagnosis

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
1	Dr. Jayashree Mohanty	8	Basic Physics of X-rat, CT and MRI Basic Approach to MRI Brain Mediastinal Anatomy, Pathologies and Cardiovascular System HRCT Diagonis of Interstitial Lung disease & Covid Cases Imaging in Common Bone Pathology Radiation Protection
2	Dr. Manornjan Khuntia	1	Imaging in Genitourinary System
3	Dr. Maheswar Chaudhury	8	Basic Approach to CT brain (CT Anatomy and Common Pathology of Brain) Chest X-ray Interpretation and CT Thorax GIT & Hepatobiliary System Barium Study in GI Pathology Fetal Ultrasonography and Level-II Scan (obst scan)

DEPARTMENT OF CRITICAL CARE MEDICINE

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
	Dr. Sanghamitra Mishra Prof. Critical Care Medicine	11	Must know concepts in medical research methodology Introduction to health research (I) Formulating research question (I) Introduction to health research (II) Formulating research question (II) Literature review Measures of disease frequency Descriptive study designs Analytical study designs Functionalities of logbook & NMC guideline for faculties Functionalities of logbook & competency based medical education for postgraduates

DEPARTMENT OF Community Medicine

Sl. No	Faculty Name	Total no of classes taken	Topics Covered
1	Dr. Sumitra Pattnaik	38	<ol style="list-style-type: none">1. Socio-clinical case (ANC)2. IMNCI3. Health care delivery in India4. MCH5. RMNCH + A6. Primary Health Care7. Socio Demographic profile8. Socio cultural factor9. Level of Health care10. Health education11. Community Diagnosis12. Nutrition13. Diet chart DM/HTN14. Socio clinical case under 515. PNC16. Family study-environment17. Water analysis18. Spotter19. Vaccine Calculation20. Maternal and Child health

2	Dr. E. Venkata Rao	45	<ol style="list-style-type: none">1. Screening2. Health Planning & Management3. Socio-clinical Case-Geriatric4. Personal hygiene & Substance Abuse5. Disaster Management6. Genetics & Health7. Bio Medical Waste Management8. Health seeking behaviours9. International Health10. Health education & promotion11. Concept of health (Diterminants of health, epidemiological triad, Multifactoral etiology, Natural history of disease, Level of prevention, modes of intervention)12. Contraceptive13. Nutrition14. NIS & Vaccines15. Water Analysis16. Family study-environment17. Optional vaccine
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3	Dr. Lipilekha Patnaik	41	<ol style="list-style-type: none">1. Socio demographic factors2. National programme of control of blindness3. Family study4. Socio clinical case (Infant)5. Non Communicable diseases (Coronary Heart Disease, HTN, Stroke, Rheumatic heart disease, obesity, Accidents and injury, Blindness, Diabetes)6. Noise and radiation7. Sources of epidemiological data8. Socio Demographic profile9. Orientation and socio demographic profile10. Concept of public health (Health indicators)11. Socio clinical case (ANC)12. Models13. Vaccines (NIS)14. Nutrition15. Water Analysis16. Nutritional Assessment17. Contraceptive
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4	Dr. Damayanti Pattanaik	14	<ol style="list-style-type: none"> 1. Personal Hygiene and substance abuse 2. Socio cultural factor 3. Socio clinical case -Adolescent 4. Water Analysis 5. Family Study 6. Geriatrics 7. IMNCI 8. Spotter 9. Models 10. Socio clinical case (PNC)
5	Dr. Sandeep Ku Panigrahi	39	<ol style="list-style-type: none"> 1. External Environment 2. Epidemiological study 3. Communication 4. Health education programme 5. Entomology (Mosquitos, Ticks, Lice, Fleas, Insecticides and vector control) 6. Tetanus 7. Socio evnironmental factor 8. Entomology slides 9. International Health (including International health agencies) 10. Mental health 11. Water analysis 12. National mental health program 13. Nutrition 14. IMNCI

6	Dr. Jyotiranjana Sahoo	39	<ol style="list-style-type: none">1. Entomology (Vector, Insecticides)2. Dietary Assessment3. Doctor patient relationship4. National health policies5. Biostatistics (Type of data, Measure of central tendency, Measures of dispersion, Rate ratio proportion, Data representation, Data analysis, Incident and prevalence, Tables & graphs)6. Vaccine calculation7. Contraceptives8. Nutrition (programs of nutrition)9. Geriatrics10. National programme for health care of elderly11. ICDS12. Plague13. Diet Chart for DM HTN14. Socio clinical case (infant)15. Socio clinical case (ANC)16. MPHCE
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7	Dr. Smaraki Mohanty	59	<ol style="list-style-type: none">1. Basic epidemiology (Epidemiological and control measure)2. NPCDCS3. National Tuberculosis elimination programme4. Holistic health5. Concept of health (Diterminants of health, Epidemiological and multi factorial etiology of diseases)6. Health education, Environment - housing, Communicable disease (Measles, Mumps & Rubella, Chickenpox, Diphtheria & pertusis, meningococcal meningitis, ARI, Influenza, SARS & SARS cov-19, TB, Poliomyelitis, Viral Hepatitis, Acute diarrhoeal diseases, Cholera, Malaria, Lymphatic filariasis, Chickugunia, Rabbies, Typhoid, Japanese encephalitis, Tetanus, Dengue)7. Statistics8. NIS Vaccines9. National Immunisation schedule10. Food poisoning11. Water Analysis12. Instrument13. Socio clinical case under 514. Spotter
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8	Dr. Sambhedana Mohanty	43	<ol style="list-style-type: none"> 1. Health education and promotion 2. Environment (Sources of water) 3. Disease surveillance 4. Socio economic status 5. NCD (Artherosclerosis, ischemic heart disease) 6. Nutrition 7. Communicable disease (Nutrition, Measles, Rubella, Mumps, TB) 8. Concept of public health 9. Demography 10. Social science 11. Optional vaccine and Covid 19 vaccine 12. Nutrition spotters 13. NIDDCP 14. Family study 15. Water analysis 16. Vaccine Calculation
9	Dr. Mahima Panigrahi	8	<ol style="list-style-type: none"> 1. Nutrition 2. Socio clinical case (PNC) 3. Nutrition spotters 4. Level of health care to community 5. Community Diagnosis 6. Diet chart - pregnancy and lactation

10	Dr. Smaranita Sabat	47	<ol style="list-style-type: none">1. Environment (Environmental health problems, Purification of water, Solid waste disposal, Excreta Disposal)2. National AIDS Control Programme3. Immunization4. Occupational health5. Health care delivery in India6. Primary health care7. Nutrition (Nutritional Assessment, Food hygiene and food borne diseases)8. Socio clinical case (Reproductive age group)9. Vaccine calculation10. Family study11. Models12. RMNCH+A13. Social science - poverty and social security measures14. Optional Vaccine15. Covid-19 Vaccine
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11	Dr. Sudhansu Sekhar Lenka	37	<ol style="list-style-type: none"> 1. Basic epidemiology (study design, Out break investigation, Principles of causation and biases) 2. Screening 3. Social science - social security 4. Artherosclerosis 5. Geriatrics 6. Communicable disease (Measles, Malaria) 7. BMW Management 8. Entomology 9. National vectore borne disease control porgramme 10. Contraceptive 11. Family study 12. Models 13. NVBDCP
12	Dr. Gurukrushna Mohapatra	6	<ol style="list-style-type: none"> 1. Family Study 2. Instrument 3. IMNCI 4. Socio Clinical case-PNC

DEPARTMENT OF CARDIOLOGY

Sl. No.	Name of the Faculty	Total number of classes taken	Topics covered
1	DR SURESH KUMAR BEHERA	6	RENAL ARTERY STENOSIS EMPEROR REDUCE TRIAL VICTORIA- TRIAL MANAGEMENT OF RHEUMATIC FEVER APPROACH TO CYANOTIC HEART DISEASE 3-D ECHO PRINCEPLES
2	DR DEEPAK KUMAR PARHI	4	DAPA –HF TRIAL CARDIAC CHANNELOPATHY LANDMARK ASPIRIN TRIALS FIBRRONOLYTICS LANDMARK TRIAL
3	DR DIVYA RANJAN BEHERA	3	TICO TRIAL PARADIGM-HF-TRIAL ECHO FEATURES OF TRICUSPID VALVE DISEASE
4	DR KUMAR GAURAV BEHERA	4	AORTIC REGURGITATION CAROLINA TRIAL PULMONARY HYPERTENTION CORONARY ANGIOGRAPHY-PRINCEPLES
5	DR MANABHANJAN JENA	5	COMPASS TRIAL PLATO TRIAL PULMONARY EMBOLISM PROSTHETIC VALVE THROMBOSIS-APPROACH XRAY IN CHD
6	DR SOUMYA RANJAN MOHAPATRA	6	WIDE COMPLEX TRACHYCARDIA EARLY REPOLARIZATION SYNDROME ACUTE RHEUMATIC FEVER APPROACH TO HOCM LANDMARK BETA BLOCK TRIALS VSD-FEATURES AND MANAGEMENT