


Dr. J. J. Magdum Trust's
Dr. J. J. MAGDUM HOMOEOPATHIC MEDICAL COLLEGE
DEPARTMENT OF PATHOLOGY AND MICROBIOLOGY

ACADEMIC YEAR – 2022 – 23

From 1st January 2022 to 31st December 2022

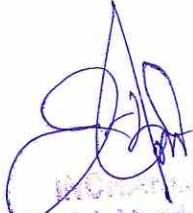
Academic Planner / Advance Teaching Plan

Sr. No.	Months	Name of Topic	No. of Lectures	Teaching & Learning Methods
01	April	Introduction to Pathology, Microbiology, Parasitology	16	Chalk- Talk Method (Blackboard Lecture) Group Discussion, Seminar, Tutorials, Slide projection, LCD Projection
		Structure of Cell – Prokaryotes & Eukaryotes		
02	May	Structure of Cell – Cell Wall, Cell Membrane, Genetic Material, other structural components, etc.	12	
		Classification of Microorganisms.		
		Parasites – Toxoplasma, E. histolytica.		
		Introduction to Systemic Pathology		
03	June	Inflammation, Ulcer, Gastritis	22	
		Growth Requirement of microorganisms, Bacterial Growth Curve, Culture Media, Classification of Culture Media, Living Culture Media.		
		E. histolytica, Leishmania donovani, L. tropica & L. brazillensis, cryptosporidium, Trypanosoma bruzai, T. cruzi, Giardia lambalia, etc.		
04	July	Peptic Ulcer, Acute renal failure, Chronic renal failure, Nephritic & Nephrotic Syndrome, Hypertension. Cell structure & Function, Reversible cell injury.	22	
		Sterilization & Disinfection, Instrument sterilization, Immunity – Types & Mechanism		
		Giardia lambalia, Trichomonas vaginalis,		


INCHARGE PRINCIPAL
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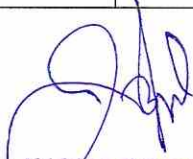
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05	August	Ag X Ab Reaction, ELISA, Hypersensitivity,	13	Chalk- Talk Method (Blackboard Lecture) Group Discussion, Seminar, Tutorials, Slide projection, LCD Projection
		Apoptosis, Gangrene, Necrosis, Cell Adaptation, Degeneration, Acute & Chronic Inflammation		
06	September	Healing Regeneration, Wound healing, Neoplasia, Repair, Oedema, Thrombosis, Ischaemia, Embolism	22	
		Streptococci, Staphylococci, Pneumococci, Anaerobic bacteria, Salmonella, Vibrio, Mycobacterium		
		Taenia solium, T. saginata		
07	October	E. granulosi, A. duodenale, A. lumbricoides, W. bancrofti.	07	
		Hepatitis, Influenza, HIV		
08	November	T. trichura, E. vermicularis	03	
		HIV		


 HOMOEPATHIC PRINCIPAL
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Sr. No.	Months	Name of Topic	No. of Practical conducted 2hrs. time	Teaching & Learning Methods
01	April	Introduction, HB	04	Demonstration, Practical, Specimens Observation.
02	May	Haemoglobin Estimation	09	
03	June	Microscope, Total WBC Count, RBC Count.	21	
04	July	Culture Media, RBC Count, Differential WBC Count, Staining.	26	
05	August	Gram Staining, Z.N. Staining, Blood Group, Journal Completion, Terminal Examination.	18	
06	September	Histopathology Slides, ZN Staining, Bleeding Time, Clotting Time, ESR, Urine Analysis, Journal Completion.	24	
07	October	Histopathology, Specimen, Instruments, Journal Completion.	10	


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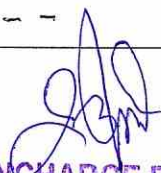
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ACADEMIC YEAR – 2021 – 22 & 2022 – 23

From 1st January 2022 to 31st December 2022

Academic Activities

Sr. No	Details	Total Number
1	Lecture	117
2	Symposium	--
3	Practical/Clinics	112
4	Inter-departmental Seminar	--
5	Seminar	03
6	Case Presentation / Tutorial	01
7	Journal Club	--


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