

PART III - ACADEMIC DETAILS

DEPT. OF Pathology & Microbiology
Teaching Programme and Attendance Details

Sr. No.	Particulars	Details
I	Academic Planner/Advance teaching plan	Available
ii	No. of Lectures	209
	No. of Practical's/Clinical	117
	No. of symposium	09
	No. of tutorials	16
	No. of inter-departmental workshop	07
iii	Seminars/Case Presentation/Journal club in last academic year	11
iv	Monthly UG Student Attendance	Maintained
v	Monthly Teaching, Non-Teaching, Paramedical/Hospital Staff Attendance&Biometric	Yes

Faculty Development Programs :

Basic MET/Health Science Education Technology(HSET), Advanced MET/HSET, AETCOM, Basic RM, Advanced RM, Leadership skills in Health Sciences, Education, Communication skills in Health Care (Previous academic year and total cumulative).

Name of Teacher	Name of Workshop Attended	Date
NA	NA	NA

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**Shri Bhagwan Homoeopathic Medical College, CIDCO N-6,
Aurangabad**

Department of Pathology

Course : II BHMS (2015)

Theory 2023-2024 (Appearing Winter 2024)

Internal Assessment Annual Planner.

First Term

FEB. 2024

- * Introduction to Pathology
- * Syllabus Distribution
- * History and Evolution of Modern Pathology
- * Introduction and Bacterial Taxonomy
- * Introduction of Virology
- * Introduction of Parasitology
- * Introduction of fungi
- * Molecular cell biology in Health and in aging
- * Cellular adaptation - Atrophy, Hypertrophy, hyperplasia, Dysplasia Metaplasia.
- * Cell Injury - Pathogenesis
- * Morphology and - Physiology of Bacteria
- * Sterilisation and Disinfection
- * Culture Media
- * Morphology of cell Injury - Hydropic Change, Hyaline Change, Mucoïd Change, Fatty Change, Necrosis, Apoptosis, Gangrene.
- * Pathologic Calcification
- * Pigments
- * Culture Methods
- * Identification of Bacteria
- * Bacterial Genetics
- * General Properties of Virus
- * Virus-test interaction

MARCH. 2024

- * Acute Inflammation - Vascular and cellular events
- * Chemical Mediators of Inflammation
- * Chronic Inflammation - Types and General Features
- * Common Examples - TB, Leprasy, Syphilis, Actinomycosis, Sarcoidosis
- * Tissue Repair

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- * Immunology - Immunity, Infection, Antigens, Antibodies, Antigen-Antibody reaction, Complement system.
- * Immuno Pathology - MHC, Transplantation, AIDS, Hyper-Sensitivity Reaction.
- * Auto immune Diseases - SLE
- * Amyloidosis
- * Structure & Function of Immune System
- * Immune Response
- * Hyper Sensitivity
- * Immuno deficiency Diseases
- * Auto Immunity
- * Bacteriophages
- * Poxviruses

APRIL. 2024

- * Derangements of Homeostasis and Haemodynamics - Oedema, Dehydration, Overhydration, Disturbances of Electrolytes and pH of Blood, Hyperemia and Congestion, Shock, Thrombosis Embolism, Infarction.
- * Immunology of Transplantation and Malignancy.
- * Bacteriology - Staphylococcus, Streptococcus.
- * Herpesviruses
- * Adenoviruses
- * Neoplasia - Characteristics of Tumour, Epidemiology of Cancer, Molecular Basis of cancer, Carcinogens and Carcinogenesis, Clinical Aspects of neoplasia, Grading, Staging and prognostic Factors.
- * Disorders of Metabolism

MAY.2024

- * Hyperlipidaemia & Lipidosis
- * Haematopoietic System - Anaemia
- * Pneumococcus
- * Neisseria
- * Corynebacterium
- * Bacillus
- * Clostridium
- * Non Sporing Anaerobes
- * Coliforms - Proteus
- * Picornaviruses
- * Orthomyxoviruses


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Second Term

JUNE. 2024

- * Haemostatic System, Bleeding Disorders and Transfusion Biology
- * WBCS - Proliferation and Myeloid Neoplasm
- * Diseases of Lymphoid cells of Blood and Lymphoreticular organs
- * Shigella
- * Salmonella
- * Vibrio
- * Pseudomonas
- * Yersinia, Pasteurella, Francisella
- * Haemophilus, Brucella
- * M. Tuberculosis
- * Non-Tuberculous Mycobacteria
- * Paramyxoviruses
- * Arthropod & Rodent borne viral infections

JULY. 2024


- * M. Leprae
- * Spirochetes
- * Mycoplasma
- * Actinomycetes
- * Miscellaneous Bacteria
- * Rickettsiaceae
- * Chlamydiae
- * Systemic Pathology - Blood vessels, Lymphatics, Heart, Respiratory System
- * Rhabdoviruses
- * Hepatitis Viruses

AUG. 2024

- * Eye, ENT and Neck, Oral Cavity & Salivary glands, Gastrointestinal Tract, Liver, Biliary Tract
- * Medical Mycology
- * Applied Microbiology
- * Clinical Microbiology
- * Diagnostic Procedures in Microbiology
- * Miscellaneous Viruses

SEP. 2024

- * Pancreas, Kidney, Male and Female reproductive system
- * Protozoa - E. histolytica, Giardia Lamblia, Trichomonas Vaginalis, Leishmania Donovanii, Trypanosoma SP., Balantidium Coli, Plasmodium SP., Toxoplasma SP.
- * E. Vermicularis, Trichuris Trichhura, Ascaris Lumbricoidosis, Ancylostoma duodenale


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* Oncogenic Viruses

OCT. 2024

- * Skin, Endocrine System, Musculoskeletal System, Malnutrition and Deficiency Disease
- * Strongiloides Stercoralis Trichinella Spiralis, Dracunculus Medenensis, Wuchereria Bancrofti
- * Cestodes - Taenia Saginata, Taenia Solium, Diphyllbothrium Latum, Echinococcus Granulosus
- * Trematodes - Fasciolopsis Buski, Schistosoma SP., Fasciola hepatica Paragonimus Westermoni.
- * Human Immunodeficiency Virus – AIDS
- * Fungi

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**Shri Bhagwan Homoeopathic Medical College, CIDCO N-6,
Ch. Sambhajinagar
Department of Pathology
Course : II BHMS (2015)
Practical 2023-24 (App. Winter 2024)
Internal Assessment Annual Planner**

First Term

FEB. 2024

- * Introduction to Clinical Pathology
- * Introduction to Clinical Microbiology

MAR. 2024

- * Microscope
- * Method of Collection of Blood
- * Instruments

APRIL. 2024

- * Anticoagulants
- * Instruments

MAY 2024

- * Methods of Sterillisation
- * Estimation of Haemoglobin


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Second Term

JUNE. 2024

- * Methods of Sterillisation
- * RBC
- * WBC

JULY. 2024

- * DLC
- * Bleeding Time & Clotting Time
- * Preparation of Media

AUG. 2024

- * ESR
- * PCV
- * Gram Staining
- * Acid Fast Staining

SEP. 2024

- * Blood Group
- * Widal Test Demonstration
- * Auto analyser, Glucometer

OCT. 2024

- * Histopathology Techniques
- * Examination of Faeces
- * Urine Examination

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