

Shri Bhagwan Homoeopathic Medical College

Dr. Y. S. Khedkar Marg, N-6, CIDCO, Aurangabad

PART III - ACADEMIC DETAILS

DEPT. OF PATHOLOGY & MICROBIOLOGY

Teaching Programme and Attendance Details

Sr. No.	Particulars	Details
I	Academic Planner/Advance teaching plan(Last Academic Year)	Available
ii	No. of Lectures	206
	No. of Practical's/Clinical	104
	No. of symposium	10
	No. of tutorials	10
	No. of inter-departmental workshop	-
iii	Seminars/Case Presentation/Journal club in last academic year	19/9
Iv	Monthly UG Student Attendance	Available
v	Monthly Teaching, Non-Teaching, Paramedical/Hospital Staff Attendance & Biometric	Available

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
Nil	Nil	Nil


Principal
Shri Bhagwan Homoeopathic
Medical College, Dr. Y. S. Khedkar Marg,
N-6, CIDCO, Aurangabad.

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

Department of Pathology

Course : II BHMS (2015)

**Yearly Tentative Teaching Programme
Theory 2022-2023 (Appearing Winter 2023)**

Name of the teaching staff

- 1) **Dr. Rahul Velhankar (HOD & Asso. Professor.) :- General & Systemic Pathology**
- 2) **Dr. S. P. Kasture (Guest Reader) :- Virology**
- 3) **Dr. Arun Gawande (Lecturer) :- Microbiology**

FEB. 2023

- * 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, Mucoid Change, Fatty Change, Necrosis, Apoptosis, Gangrene.
- * Pathologic Calcification
- * Pigments
- * Culture Methods
- * Identification of Bacteria
- * Bacterial Genetics
- * General Properties of Virus
- * Virus-test interaction

MARCH. 2023

- * Acute Inflammation - Vascular and cellular events
- * Chemical Mediators of Inflammation

- * Chronic Inflammation - Types and General Features
- * Common Examples - TB, Leprosy, Syphilis, Actinomycosis, Sarcoidosis
- * Tissue Repair
- * 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. 2023

- * Derangements of Homeostasis and Haemodynamics - Oedema, Dehydration, Overhydration, Disturbances of Electrolytes and pH of Blood, Hypereamia 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.2023

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

JUNE. 2023

- * 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. 2023

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

AUG. 2023

- * 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. 2023

- * 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 Trichura, Ascaris Lumbricoidosis, Ancylostoma duodenale
- * Oncogenic Viruses

OCT. 2023

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



H.O.D. / PROFESSOR

HOD

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Principal

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Department of Pathology

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Yearly Tentative Teaching Programme

Practical 2022-2023 (App. Winter 2023)

Name of the Teaching Staff

1) Dr. Rahul Velhankar (HOD, Asso. Professor)

FEB. 2023

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

MAR. 2023

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

APRIL. 2023

- * Anticoagulants
- * Instruments

MAY 2023

- * Methods of Sterillisation
- * Estimation of Haemoglobin

JUNE. 2023

- * Methods of Sterillisation
- * RBC
- * WBC

JULY. 2023

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

AUG. 2023

- * ESR

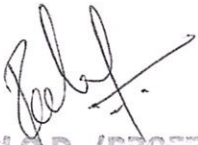
- * PCV
- * Gram Staining
- * Acid Fast Staining

SEP. 2023

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

OCT. 2023

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



H.O.D / PROFESSOR

HOD

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Medical College, Dr. Y.S. Khedkar Marg,

N-6, Chhatrapati Shivaji Maharaj



Principal

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