

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	Available
ii	No. of Lectures	204
	No. of Practical's/Clinical	105
	No. of symposium	03
	No. of tutorials	10
	No. of inter-departmental workshop	03
iii	Seminars/Case Presentation/Journal club in last academic year	14
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
Dr. Arun D. Gawande	Basic Research Methodology Workshop	11/01/2022 to 13/01/2022


Principal


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

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

Department of Pathology & Microbiology

LIST OF STAFF

Sr. No	Name of Staff	Designation	Qualification
1	Dr. Velhankar Rahul Jayant	HOD/Reader	M.D.(Hom)
2	Dr. Gawande Arun Dinkar	Lecturer	M.D.(Hom)
3	Dr. Kasture S.P.	Guest Reader	M.D.(Patho.)
4	Mr. Uddhav Wagh	Lab Technician	D.Pharm.


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 & New)

Yearly Tentative Teaching Programme

Theory 2022-2023

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 & Virology

FEB. 2022

- * Introduction to Pathology
- * Syllabus Distribution
- * History and Evolution of Mordern Pathology
- * Introduction and Bacterial Taxonomy
- * Introduction of Virology
- * Introduction of Prasitology
- * Introduction of fungi
- * Molecular cell biology in Health and in aging
- * Cellular adaptation - Atrophy, Hypertrophy, hyper plasia, 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 intraction

MARCH. 2022

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

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

- * 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. 2022

- * 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. 2022

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

Principal
 Shri Bhagwan Homoeopathic
 Medical College, Dr. Y. S. Khandekar (M.D.)
 N. G. Circle, Aurangabad.

JUNE. 2022

- * 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. 2022


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

AUG. 2022

- * 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. 2022

- * 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
- * Oncogenic Viruses


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

OCT. 2022

- * 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 hepatic Paragonimus Westermoni.
- * Human Immunodeficiency Virus - AIDS

H.O.D.

Principal

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 & New)
Yearly Tentative Teaching Programme
Practical 2022-2023**

**Name of the Teaching Staff
1) Dr. Rahul Velhankar (HOD,Asso.Professor)**

FEB. 2022

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

MAR. 2022

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

APRIL. 2022

- * Anticoagulants
- * Instruments

MAY 2022

- * Methods of Sterillisation
- * Estimation of Haemoglobin

JUNE. 2022


- * Methods of Sterillisation
- * RBC
- * WBC

JULY. 2022

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

AUG. 2022

- * ESR


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

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

SEP. 2022

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

OCT. 2022

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

HOD




Principal

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

List of Equipments

Availability of Equipments as specified in Schedule III of MSR

SN	Equipments	Required as per Schedule III of MSR	Available
1	Hot Air Oven (50 ⁰ C) for Special Standing	1	1
2	Centrifuge Machine electric Rotofix	2	2
3	Water Bath Electric	4	4
4	Glassware stains, Chemical reagents for Microbiology etc.	As required	Available
5	Incubator	2	2
6	Haemocytometer with R.B.C. & W.B.C. Pipettes	25	25
7	Haemoglobinometer sahil's type	25	25
8	Autoclave	2	2
9	Anaerobic Apparatus	2	2
10	Stopwatch 1/2 sec.	2	7
11	pH meter	1	1
12	Microscopes with Oil immersion	25	42
13	High Power Centrifuge for Serological / Hematological work.	1	1
14	E.S.R. Westergreen / Wintrobe	2 sets each	2 sets each
15	Colony Counter	1	1
16	Material for Preparation of Media	As required	Available
17	Material for Preparation of Stain	As required	Available
18	Coplin Jars	2	4
19	Computer with accessories	1	1
20	Machine for estimation for blood sugar and for other serological tests	1	1


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


Shri Bhagwan Homoeopathic Medical College, Aurangabad.

List of Specimen

Sr.No.	Specimen	Qty
1	Polycystic ovary	5
2	Benign Cystic Teratoma	1
3	Vesicular Mole	1
4	Endometritis	2
5	Cyst (Ovarian)	3
6	Cervical Polyp	1
7	Uterine Polyp	2
8	Dermoid ovary (Cyst)	1
9	Cystadenoma	2
10	Fibroma	4
11	Ca Cervix / Squamous Metaplasia	2
12	Ovarian tumour	2
13	Uterine fibroid (Leiomyoma)	3
14	Fibroid uterus	15
15	Sub mucosa fibroma	1
16	Lipoma	2
17	Fibroadenoma of Uterus	1
18	Ca breast	7
19	Fibroadenoma	3
20	Adenoma of Breast	4
21	Adenocarcinoma breast	2
22	Fibroadenoma of Breast	1
22	Appendicitis	1
23	Squamous Cell carcinoma	1
24	Kidney tumour	2
25	Hydatid cyst	1
26	Cholelithiasis with Cholecystitis	3
27	Splenomegaly	2
28	Testicular tumour	1
29	Squamous Cell Papilloma	1

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


30	Hepatomegaly	2
31	Growth Retardation	2
32	Abnormal Twins	1
33	Hydrocephalos	1
34	Anencephaly	1
35	Gangrene intestine	3
36	Lungs	3
37	Anthracosis of lung	4
38	Tubercular lung	1
39	Heart	2
40	Valvular Disease (Heart)	3
41	Carcinoma colon	6
42	Gangrene finger	1
43	Osteogenic Sarcoma	1
44	Ascaris Lumbricoides	1
45	Matted tuberculosis of lymphnodes	1
46	Adenocarcinoma of Stomach	2
47	Ca Stomach	1
48	Ulcerative Colitis	1
49	Inflammatory bowel disease	2
50	Carcinoma of Urinary bladder	1
51	Wilm's tumour	1
52	Abnormal Foetus	2


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

Shri Bhagwan Homoeopathic Medical College, Aurangabad.

List of Charts

Sr.No.	Charts
1	Life Cycle of Enterobius Vermicularus
2	Life Cycle of Dracanculus
3	Life Cycle of Ancylostoma Duodenale
4	Life Cycle of Leishmania Donowani
5	Life Cycle of Plasmodium Falciparam
6	Life Cycle of Trichomonas Vaginalis
7	Life Cycle of Plasmodium Spp
8	Life Cycle of Giardia Lamblia
9	Life Cycle of Echinococcs
10	Life Cycle of Wuchereria Bancrofti
11	Life Cycle of Ancylostoma Duodenale
12	Life Cycle of Plasmoduim
13	Life Cycle of Fasciolopsis Buski
14	Life Cycle of Enterobius Vermicularus
15	Life Cycle of Stroglyoides
16	Life Cycle of Taenia Solium
17	Life Cycle of Taenia Saginata
18	Life Cycle of Leishmania Spp
19	Life Cycle of Ascaris Lumbricoides
20	Life Cycle of P.Falciparum in Pregnant Woman
21	Life Cycle of Enterobius Vermicularus
22	Life Cycle of Wuchereria Bancrofti
23	Life Cycle of Trypanosoma Spp
24	Life Cycle of Entamolba Histolytica
25	Life Cycle of Giardia Lamblia
26	Life Cycle of Trichuris Trichura
27	Chronological Evoulation of Pathology
28	Haematological Values
29	Nobel Laureate
30	Parasitology Chart - Parasite Infective form, Route of Transmission, Tissue Affected, Disease, Exit form



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

SHRI BHAGWAN HOMOEOPATHIC MEDICAL COLLEGE & IGM
HOSPITAL, AURANGABAD.

DEPARTMENT OF PATHOLOGY

LIST OF MODELS

01. Classification of Aneurysms – Depending upon shapes
02. Spectrum of Lesions in the lungs and pleura in the different types of pulmonary tuberculosis
03. Gangrene of Foot
04. Heart
05. Splenomegaly
06. Hepatomegaly
07. HIV Virus
08. HLA System
09. Dry gangrene


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

DEPT. OF PATHOLOGY

Academic Year 2023-2024

Academic Activities/Webinar/Workshop/CME/Activities in Last One Year.

Name of College/Institute : BSPM'S Shri Bhagwan Homoeopathic Medical
College & IGM Hospital, Aurangabad.

Academic Planner/Advanced Teaching Plan Time Table (Year wise)

Details from 1st January 2022 to 31st December 2022

Sr. No.	Details	Total Number in Hours
1.	Lecture	204
2.	Symposium	03
3.	Practical/Clinics	105
4.	Inter-Departmental Seminars	03
5.	Seminar	12
6.	Case presentation	-
7.	Journal Club	02

No. of Webinars Arranged, Guest Lectures, Workshops & CME
(Publish details on college website)

Sr. No.	Details of Webinars	Guest Lectures	Workshop & CME
-	Nil	Nil	Nil

Attendance Details

Sr. No.	Attendance	
1.	Teaching Staff	} Month-wise Biometric attendance are available
2.	Non-Teaching Staff	
3.	Hospital Staff	
4.	UG & PG Students	


Principal

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