


**SPHMC & Hospital Shrirampur
Pathology & Microbiology
Advance Teaching Plan**

Date	Topics	Taught Topic By
	Introduct ⁿ of microbiology	Associate professor
	History of microbiology	
	Diagnostic microbiology	
	Innate immunity & types	
	Cell mediated immunity	
	Humoral immunity	
	The Complement system	
	Antigen	
	- Introduct ⁿ to pathology cell injury	Assistant professor
	Gangrene dry & white	
	Gas Gangrene	
	Fatty liver	
	necrosis	
	metastasis & difference bet ⁿ & classificat ⁿ	

Date	Topics	Taught Topic By
	leukemia	
	Cellular adapt ⁿ	
	Dysplasia	
	- sterilizat ⁿ & disinfectant	Guest professor
	Culture media	
	- identification of Bacteria	
	Antigen, antibodies, Antigen	
	pseudomonas, yersinia	
	Fungi & classificat ⁿ	
	- inflammat ⁿ & Repair	
	Cellular event, malozacin	
	entamoeba histolytica	
	Intestinal lesion	


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SHARADCHANDRAJI PAWAR HOMOEOPATHIC
MEDICAL COLLEGE AND HOSPITAL, WADALA MAHADEO

Advance Teaching Plan

Year - 20²¹ - 20

Subject : Pathology and
Microbiology

March 2023

Date	Topics	Taught Topic By
	Introduction of microbiology	Associate professor
	History of microbiology	
	Diagnostic microbiology	
	Innate immunity & types	
	Cell mediated immunity	
	Humoral immunity	
	The Complement system	
	Antigen	
	- Introduction to pathology cell injury	Assistant professor
	Gangrene dry & wet	
	Gas Gangrene	
	Fatty liver	
	necrosis	
	metastasis & difference bet ⁿ & classificat ⁿ	

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Advance Teaching Plan

Year - 20 - 20

Subject : Pathology and
Microbiology

Date	Topics	Taught Topic By
	leukemia	
	Cellular adapt ⁿ	
	Dysplasia	
	- sterilizat ⁿ & disinfectant	Guest professor
	Culture media	
	- identification of Bacteria	
	Antigen, antibodies, Antigen	
	pseudomonas, yersinia	
	Fungi & classificat ⁿ	
	- Inflammat ⁿ & Repair	
	Cellular event, protozoan	
	entamoeba histolytica	
	Intestinal lesion	



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 Advance Teaching Plan
 Year - 20 - 20
 Subject : Pathology and
 Microbiology

Date	Topics	Taught Topic By
April 2023	Hypersensitivity autoimmunity Immunodeficiency Bacteriology Bacterial spores Bacterial growth Identificat ⁿ of Bacteria Classificat ⁿ of Bacteria streptococci & antigenic structure Strep. areas	Associate professor
	chronic inflammation cellular adaptation Inflammation Repair of Cellular event Granuloma Regeneration Healing, Repair Repair pyrexia Wound healing Revision	Assistant professor

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 Advance Teaching Plan
 Year - 20 - 20
 Subject : Pathology and
 Microbiology

Date	Topics	Taught Topic By
	Echinococcus Granulosus Hemophilia Bordetella Brucellosis Human Cycles of p. vivax Salicprova p. malaise Leishmania Donovanii & its morphology Hemorrhoids	Guest professor


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 MEDICAL COLLEGE AND HOSPITAL, WADALA MAHADEO**
 Subject : Pathology and
 Microbiology

Advance Teaching Plan

January Year - 2024 - 2025

Date	Topics	Taught Topic By
	Introduction of microbiology	Associate
	History of microbiology	Professors
	Diagnostic microbiology	
	Innate immunity & types	
	cell mediated immunity	
	Humoral Immunity	
	The complement system	
	Antigen	
		Assistant
	Introduction to pathology cell injury	Associate
	Granulose dry of white	Professors
	Granulose	
	Fatty Liver	
	neutrophils	
	metastasis & difference betw & classification	Grav
	Leukemia	
	cellular adapt	
	Dysplasia	Guest
	sterilization disinfectant	Professors
	Culture media	
	Identification of bacteria	
	Antigen antibodies Antigen	
	pseudomonas yersinia	

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 Subject : Pathology and
 Microbiology

Advance Teaching Plan

February Year - 2024 - 2025

Date	Topics	Taught Topic By
	Fungi & classification	Associate
	Inflammation & Repair	Professors
	cellular event, protozoan	
	entamoeba histolytica	
	Intestinal lesion	
		Assistant
	Hypersensitivity	Professors
	autoimmunity	
	Immunodeficiency	
	Bacterial growth	
	Identification of Bacteria	
	classification of Bacteria	
	Streptococcus & antigenic structure	
	Strep. oral	
	chronic inflammation	
	cellular adaptation	
	Inflammation	
	Repair & cellular events	
	Granuloma	
		Guest
	Resuscitation	Professors
	Healing Repair	
	pyrexia	
	Wound healing	
	Revision	

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Subject : Pathology and
 Microbiology

Advance Teaching Plan

May Year - 2021 - 2025

Date	Topics	Taught Topic By
	- spread of tumours.	Associate PROFESSOR
	- Classification & staging of CA	
	- systemic pattern of metastasis	
	- General properties of viruses	
	- Teichusila	
	- Virus host infection	
	- Herpes virus	
	- Balanoposthitis	
	- urethritis Bancrofti	
	- Dis. of oechitis	
	- Epididymitis	
	- prostatitis	
	- Gram negative Bacteria	
	- cholera	
	- Treponema pallidum	
	- Enteric fever, salmonella	
	- Disease of GI system	
	- Hepatitis B virus	
	- Tuberculosis	
	- Deficiency	Guest PROFESSOR
	- Disease of Kwashiorkor	
	- marasmus	
	- condition due to vit. Deficiency	
	- Disease Acute Renal failure	
	- Chronic Renal failure	

Department of pathology &
Microbiology

Microteaching Register.

March - 2023.

Page No.	
Date	

- 1/2/23 Introduction to Dr. sonwane madh
- 2/3/23 Pathology Cell injury
- 3/3/23 Gangrene dry & wet
- 4/3/23 Gas Gangrene fatty
+ liver.
- 6/3/23 Necrosis
- 7/3/23 metastasis Diff. betⁿ
of Calcificatⁿ.
- 8/3/23 leukemia
- 9/3/23 Cellular adaptation
- 10/3/23 Dysplasia
- 11/3/23 Inflammatⁿ
- 13/3/23 Repair
- 14/3/23 Cellular event
- 15/3/23 Chronic inflammation
- 16/3/23 Granuloma
- 17/3/23 Regeneration
- 18/3/23 Healing
- 20/3/23 Repair

Page No.	
Date	

- 21/3/23 pyrexia (Dr. Mahesh kokate)
- 22/3/23 Wound Healing
- 23/3/23 Thrombosis
- 24/3/23 Diff. betⁿ Anterior
thromb.
- 25/3/23 thromb.
- 27/3/23 embolism
- 28/3/23 oedema
- 29/3/23 Disorder ab metabolism
- 30/3/23 Bilirubin & Calcium
- 31/3/23 metabolism.
- 3/3/23 Fungi classificatⁿ Dr. mayur
- 10/3/23 Inflammatⁿ & Repair Kapse
- 17/3/23 Cellular event
- 24/3/23 protozoa entamoeba histolytica
- 31/3/23 Intestinal lesion

April 2023

Date	Topic	Taught topic
		Dr. Sonwane madam
1/4/23	Escheria coli	
2/4/23	shigella	
4/4/23	enteric fever salmonella	
5/4/23	enteric fever salmonella	
6/4/23	clostridium perfringens	
7/4/23	Botulism	
8/4/23	staphylococcus	
10/4/23	nitrobacter	
11/4/23	Campylobacter	
12/4/23	Salmonella	
13/4/23	leukemia	
15/4/23	poxvirus	
17/4/23	HIV	
18/4/23	Rhodovirus	
19/4/23	shigella	
20/4/23	Brucella	
21/4/23	sh Bordetella	
22/4/23	Echinococcus granulosus	

24/4/23	pseudomonas yersinia
25/4/23	Spizochetes
26/4/23	mycoplasma
27/4/23	clostridium tetani
28/4/23	staphylococcus
29/4/23	M. Tuberculae
30/4/23	M. Tuberculae
1/4/23	Ischaemia
3/4/23	Hemorrhage
4/4/23	Shock
5/4/23	Classificat ⁿ of shock
6/4/23	Hyperemia
7/4/23	Infarction
8/4/23	Amyloidosis
10/4/23	Hyperalipidaemia
11/4/23	Disorder of pigmentation
12/4/23	Neoplasia

- 13/6/23 characteristic of tumour
- 15/6/23 Basic components
- 17/6/23 spread of tumours
- 18/6/23 gradation of staging of cancer.
- 19/6/23 Deficiency.
- 20/6/22 Systemic patho
- 21/6/23 malnutrition.
- 22/6/23 Disease kwashiorkor
- 24/6/23 marasmus
- 25/6/23 Conditⁿ due to vit. deficiency
- 26/6/23 Acute Renal Failure
- 27/6/23 chronic Renal failure.
- 28/6/23 Acute nephrotic syndrome.
- 29/6/23 Acute nephrotic syndrome.
- 30/6/23 Deficiency
- 7/6/23 Human Cycle p. vivax Dr. Mayur
- 16/6/23 falciparum malaria. Kapse
- 21/6/23 leishmania Donovaní

28/6/23 Helminth oestodes

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May - 2023.

Page No.	
Date	

(Dr. Sonwane Madam)

- 1/5/23 pneumococcus
- 2/5/23 Gram positive anaerobic cocci & introduction
- 3/5/23 Gram negative cocci & introduction
- 4/5/23 Neisseria meningitidis
- 5/5/23 Neisseria gonorrhoea
- 5/5/23 Tutorial

- 22/5/23 Thrombosis (Dr. Mahesh Kokate)
- 23/5/23 Difference between arterial thrombosis & venous
- 24/5/23 embolism

25/5/23 oedema. (Dr. Mayur Kapase)

~~27/5/23~~


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June - 2023.

Page No.	
Date	

(Dr. Sonwane madam)

- 1/6/23 mycobacterium lepre
- 2/6/23 Escheria coli
- 3/6/23 shigella
- 5/6/23 enteric fever & salmonella
- 6/6/23 clostridium perferingens

(Dr. Mahesh Kokate)

- 7/6/23 Botulism
- 8/6/23 Revision
- 9/6/23 Tutorial
- 10/6/23 Hyperaemia

12/6/23 Infraction (Dr. Mayur Kapase)

- 13/6/23 Amyloidosis
- 14/6/23 Hypertipidaemia
- 15/6/23 Disorder of pigmentation
- 16/6/23 Neoplasia
- 17/6/23 characteristic of tumour
- 19/6/23 Basic components

(Dr. Sonwane madam)

- 20/6/23 - Introduction of Inflammation
- 21/6/23 Types of Inflammation
- 22/6/23 Shock of Introduction.
- 23/6/23 Types of introduction.
- 24/6/23 Revision
- (Dr. Mahesh Kokate)
- 26/6/23 Anemia & types of anemia.
- 27/6/23 Leukemia.
- 28/6/23 Thalasemia & lymphoma.
- 30/6/23 lymphoma.

(Dr. Mayur Kapale)

- 28/6/23 Guest lecture
- 30/6/23 Trichuria parasite

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July - 2023.

(Dr. Sonwane madam)

- 3/7/23 Gram negative bacteria
- 5/7/23 V. cholera
- 6/7/23 Trepanema palidum
- 10/7/23 Enteric fever, salmonella
- 12/7/23 Diseases of GI system
- 12/7/23 Hepatitis A virus
- 19/7/23 morphology & Replication of virus
- 24/7/23 Herpes virus
- 29/7/23 Hepatitis B virus

(Dr. Mahesh Kokate)

- 1/7/23 Deficiency disease - Kwashiorkor
- 4/7/23 marasmus
- 8/7/23 Condition due to vit. Deficiency
- 11/7/23 Disease - Acute Renal failure
- 15/7/23 chronic Renal failure
- 18/7/23 Acute nephrotic syndrome
- 22/7/23 Chronic nephrotic syndrome
- 25/7/23 Acute poly nephritic
- 29/7/23 Renal vascular disease

(Dr. Mayur Kapse)

7/7/23 Adenovirus
 14/7/23 pox virus
 21/7/23 picorna viruses
 28/7/23 orthomyxovirus



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(Aug 2023)

(Dr. pratima
 Sonawane)

1/8/23 Tutorials
 3/8/23 Hepatitis C Virus
 7/8/23 papilloma virus
 10/8/23 RNA virus molluscum
 14/8/23 Influenza virus
 17/8/23 Enterov - polio virus
 21/8/23 rhino v. Rhinovirus
 22/8/23 Revision
 24/8/23 Paramyxovirus
 28/8/23 seminar

2/8/23 Hypertension (Dr. Mahesh
 Kokate)
 5/8/23 Hypertension
 9/8/23 Alcoholic Liver
 12/8/23 Hepatitis in details
 16/8/23 cholecystitis
 19/8/23 Pancreatitis
 23/8/23 Diabetes mellitus
 26/8/23 Acute Renal failure
 30/8/23 chronic Renal failure

May - 2023.

Page No.	
Date	

(Dr. Sonwane Madam)

- 1/5/23 pneumococcus
- 2/5/23 Gram positive anaerobic cocci & introduction
- 3/5/23 Gram negative cocci & introduction
- 4/5/23 Neisseria meningitidis
- 5/5/23 Neisseria gonorrhoea
- 6/5/23 tutorial

- 22/5/23 Thrombosis (Dr. Mahesh Kokate)
- 23/5/23 Difference between artery thrombosis & venous
- 24/5/23 embolism

- 26/5/23 oedema (Dr. Mayur Kapase)


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June - 2023.

Page No.	
Date	

(Dr. Sonwane madam)

- 1/6/23 mycobacterium lepre
- 2/6/23 Escheria coli
- 3/6/23 shigella
- 5/6/23 enteric fever & salmonella
- 6/6/23 clostridium perfermen

(Dr. Mahesh Kokate)

- 7/6/23 Botulism
- 8/6/23 REVISION
- 9/6/23 tutorial
- 10/6/23 Hyperemia

- 12/6/23 Infraction (Dr. Mayur Kapase)

- 13/6/23 Amyloidosis
- 14/6/23 Hypertipidaemia
- 15/6/23 Disorder of pigmentation
- 16/6/23 Neoplasia
- 17/6/23 characteristic of tumour
- 19/6/23 Basic components

(Dr. Sonwane madam)

- 20/6/23 - Introduction of Inflammation
- 21/6/23 Types of Inflammation.
- 22/6/23 Shock of Introduction.
- 23/6/23 Types of introduction.
- 24/6/23 Revision
- (Dr. Mahesh Kokate)
- 26/6/23 Anemia & types of anemia.
- 27/6/23 Leukemia.
- 28/6/23 Thalassemia & lymphoma.
- 30/6/23 lymphoma.

(Dr. Mayur Kapare)

- 28/6/23 Guest lecture
- 30/6/23 Trichumia parasite



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July - 2023.

(Dr. Sonwane madam)

- 3/7/23 Gram negative bacteria
- 5/7/23 V. cholera
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- 17/7/23 Hepatitis A virus
- 19/7/23 morphology & Replication of virus
- 24/7/23 Herpes virus
- 29/7/23 Hepatitis B virus

(Dr. Mahesh Kokate)

- 11/7/23 Deficiency disease - Kwashiorkor
- 4/7/23 marasmus
- 8/7/23 Condition due to vit. Deficiency
- 11/7/23 Disease - Acute Renal Failure
- 15/7/23 chronic Renal failure
- 18/7/23 Acute nephrotic Syndrome
- 22/7/23 Chronic nephrotic Syndrome
- 25/7/23 acute poly nephritic
- 29/7/23 Renal vascular disease

(Aug 2023)

(Dr. Mayur Kapse)

(Dr. pratima Sonawale)

7/7/23 Adenovirus
 14/7/23 pox virus
 21/7/23 picorna viruses
 28/7/23 orthomyxovirus

1/8/23 Tutorials
 3/8/23 Hepatitis C virus
 8/8/23 papilloma virus
 10/8/23 RNA virus, molluscum
 14/8/23 Influenza virus
 15/8/23 Enterov - poliovirus
 21/8/23 Rhinov. Rhinovirus
 22/8/23 Revision
 24/8/23 Paramyxovirus
 28/8/23 seminar



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2/8/23 Hypertension (Dr. Mahesh
 5/8/23 Hypertension (Kokate)
 9/8/23 Alcoholic Liver
 12/8/23 Hepatitis in details
 16/8/23 cholecystitis
 19/8/23 Pancreatitis
 23/8/23 Diabetes mellitus
 26/8/23 Acute Renal Failure
 30/8/23 chronic Renal failure

(Dr. Mayur Kapse)

- 4/8/23 - General aspects of superficial mycoses
- 11/8/23 opportunistic mycoses
- 18/8/23 Normal microbial flora of Human body
- 25/8/23 Immunoprophylaxis

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Sept 2023

(Dr. Pratima Sonawane)


- 4/9/23 Paramyxovirus - mumps virus
- 7/9/23 Rubella virus
- 11/9/23 Rabies
- 14/9/23 measles
- 18/9/23 Retro virus - HIV
- 21/9/23 Deficiency & sterilization
- 25/9/23 Types of filters
- 25/9/23 Revision

(Dr. Mahesh kokate)

- 6/9/23 Diseases of kidney
- 9/9/23 Diseases of GI system
- 13/9/23 Tubulointestinal diseases
- 16/9/23 Virology classification
- 20/9/23 DNA vs RNA
- 23/9/23 Virology introduction
- 30/9/23 Virology polio & Hepatitis

(Dr. Mayur Kapse)

- 1/9/23 Protozoan
- 8/9/23 Amoeba - Enta. Histolytica
- 11/9/23 Giardia lamblia
- 21/9/23 Trichomonas vaginalis
- 9/9/23 Leishmaniasis Donovanii

 20/10/23

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Oct. 2023

(Dr. Pratima Sonawane)

- 3/10/23 Glossitis
- 5/10/23 Revision
- 9/10/23 Tutorials
- 12/10/23 Revision
- 16/10/23 Treponema pallidum
- 19/10/23 Revision
- 23/10/23 Squamous cell carcinoma
- 26/10/23 Revision

(Dr. Mahesh Kokate)

- 4/10/23 Disease of musculoskeletal
- 7/10/23 Pyogenic osteomyelitis
- 11/10/23 osteoporosis
- 14/10/23 Rheumatoid - Arthritis
- 17/10/23 Osteo-sarcoma
- 21/10/23 Introduction leptosy
- 25/10/23 mode of Transmission

(Dr. Mayur
Kapse)

- 5/10/23 saginata & Taenia solium
 13/10/23 Trematodes flukes classification
 Nematodes General features
 20/10/23 Trichinella spiralis
 Trichuria Trichuria
 27/10/23 Hook worm



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Nov - 2023

- 11/11/23 Tutorial
 21/11/23 Disease of CVS
 8/11/23 Heart failure
 4/11/23 Ischaemic Heart Diseases
 6/11/23 Tutorial
 7/11/23 Rheumatic Fever
 8/11/23 Entamoeba histolytica
 9/11/23 Lymphatic Phlebosclerosis
 10/11/23 Varicosities
 11/11/23 Rheumatic Heart Disease
 22/11/23 Acute myocardial Infarction
 25/11/23 pericarditis
 24/11/23 Introduction disease of blood
 25/11/23 pericarditis
 27/11/23 Vessels
 28/11/23 Systemic
 29/11/23 Tutorial
 30/11/23 Varicosities



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Dec - 2023.

Page No.	
Date	

- 1/12/23 • Lymphangitis
- 2/12/23 Lymphedema
- 4/12/23 Thrombophlebitis
- 5/12/23 Dis. of ENT → conjunctivitis otitis media
- 6/12/23 Acute Tonsillitis
- 7/12/23 Wound Healing
- 8/12/23 Acute Rhinitis
- 9/12/23 Dis. of R. tract → pneumonia
- 11/12/23 Bronchopneumonia
- 12/12/23 Bronchitis
- 13/12/23 Asthma
- 14/12/23 Emphysema
- 15/12/23 Oedema Revision



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No. Vidyalaya Mandir, Rajahmundry