

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur

P.G. Department of Microbiology

M.Sc. Semester-III(2022-2023)

Microbiology Paper I

Name of Teacher –Dr. Manpreet Kour

Sr No.	Name of Student	Seminar Topic
1.	Aishwarya S. Mohatkar	Initiation-Priming in E.coli and Eukaryotes
2.	Akshara A. Irkulwar	Holoenzyme and processivity of replication
3.	Bhagyashree K. Uikey	Direct reversal of DNA damage
4.	Dipti A. Charde	Base excision repair by nucleotide excision
5.	Gauri R. Bhutad	Rec BCD
6.	Harsha J. Poddar	Gene conversion
7.	Hiteshi R. Wadibhasme	Prokaryotic and eukaryotic transcription process,
8.	Janhvi R. Zade	RNA editing
9.	Khushbu U. Choukiker	Lac operons
10.	Mansi S. Bramhankar	Arabino operons
11.	Neha D. Mahant	Trp operons
12.	Rutika D. Kowe	Chromatin remodeling
13.	Savita B. Khandate	Gene mapping in bacteria by conjugation
14.	Shraddha P Tiwari	Deletion mapping
15.	Shudhanshu Pandharey	Complementation

16.	Siddhi S. Uplenchwar	P elements
17.	Tanavi W. Raut	Retroposons
18.	Tanuja C. Sable	Transformation
19.	Triveni S. Pardhi	Transduction
20.	Vaishnavi I. Wairagade	Chromatin remodeling

M. Kawr

Signature of Teacher

Dr. Ranpreet Kawr



Pranita Gulhane

Dr. Pranita Gulhane
Head of the Department
Department of Microbiology
Science College, Congress Nagar,
NAGPUR.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur

P.G. Department of Microbiology

M. Sc. Semester-III (2022-2023)

Microbiology Paper II

Name of Teacher – Mrs. Madhuri Walvekar

Sr No.	Name of Student	Seminar Topic
1.	Aishwarya S Mohatkar	DNA cloning
2.	Akshara A. Irkulwar	Restriction enzymes
3.	Bhagyashree K. Uikey	Cloning vectors
4.	Dipti A. Charde	Genomic library
5.	Gauri R. Bhutad	cDNA library and chromosomal libraries
6.	Harsha J. Poddar	PCR
7.	Hiteshi R. Wadibhasme	RT-PCR
8.	Janhvi R. Zade	DNA sequencing dideoxy and pyrosequencing
9.	Khushbu U. Choukiker	DNA fingerprinting
10.	Mansi S. Bramhankar	SI Mapping
11.	Neha D. Mahant	Dnase footprinting
12.	Rutika D. Kowe	DMS footprinting
13.	Savita B. Khandate	Nuclear run on transcription
14.	Shraddha P Tiwari	Camouflage Mechanism in Sea Animals
15.	Shudhanshu Pandharey	Reporter gene transcription

16.	Siddhi S. Uplenchwar	Transformation and immortalization
17.	Tanavi W. Raut	Antibiotics adjuvants For Combating Antimicrobial Resistance
18.	Tanuja C. Sable	Embryonal stem cell
19.	Triveni S. Pardhi	Multipotent stem cells
20.	Vaishnavi I. Wairagade	Tissue plasminogen activator



Signature of Teacher

Ms. Mahesh Walvekar



Dr. Pranita Gulhane
Head of the Department

**Department of Microbiology
Science College, Congress Nagar,
NAGPUR.**

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur

P.G. Department of Microbiology

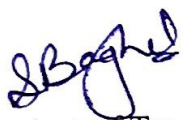
M.Sc. Semester-III (2022-2023)

Microbiology Paper III

Name of Teacher –Dr. Sapna Baghel

Sr No.	Name of Student	Seminar Topic
1.	Aishwarya S Mohatkar	Evolution of Earth and early life forms
2.	Akshara A. Irkulwar	RNA world
3.	Bhagyashree K. Uikey	Energy and carbon metabolism
4.	Dipti A. Charde	Ribosomal RNAsequencing
5.	Gauri R. Bhutad	Methanogens
6.	Harsha J. Poddar	Heat stable biomolecules and extremophiles
7.	Hiteshi R. Wadibhasme	Free living N ₂ fixing bacteria
8.	Janhvi R. Zade	Purple phototrophicbacteria
9.	Khushbu U. Choukiker	Nitrifyingbacteria
10.	Mansi S. Bramhankar	Cyanobacteria
11.	Neha D. Mahant	Green Sulfur Bacteria
12.	Rutika D. Kowe	Green non –sulfur bacteria
13.	Savita B. Khandate	Branching Hyperthermophiles
14.	Shraddha P Tiwari	Thermotoga and Aquifex
15.	ShudhanshuPandharey	Nitrospora and Deferribacter

16.	Siddhi S. Uplenchwar	Sulphur and iron oxidizing bacteria
17.	Tanavi W. Raut	Sulphate and sulphur reducing bacteria
18.	Tanuja C. Sable	Free living N ₂ fixing bacteria
19.	Triveni S. Pardhi	Origin of Eukaryotes
20.	Vaishnavi I. Wairagade	Nanoarchaeum



Signature of Teacher

Dr. Sapna Baghel



Dr. Pranita Gulhane
Head of the Department

Department of Microbiology
Science College, Congress Nagar,
NAGPUR.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur

P.G. Department of Microbiology

M. Sc. Semester-III (2022-2023)

Microbiology Paper IV

Name of Teacher –Dr. Pranita Gulhane

Sr No.	Name of Student	Seminar Topic
1.	Aishwarya S Mohatkar	Carrier-linked prodrugs
2.	Akshara A. Irkulwar	Bioprecursors prodrugs
3.	Bhagyashree K. Uikey	Carboxyl compounds
4.	Dipti A. Charde	Iodophores
5.	Gauri R. Bhutad	Chloroquine
6.	Harsha J. Poddar	Cimetidine
7.	Hiteshi R. Wadibhasme	Ramitidine
8.	Janhvi R. Zade	Omeprazole
9.	Khushbu U. Choukiker	Morphine and their derivatives
10.	Mansi S. Bramhankar	Phenylbutazone and oxyphenbutazone
11.	Neha D. Mahant	Prostaglandins
12.	Rutika D. Kowe	Primaquine phosphate
13.	Savita B. Khandate	Metranidazole
14.	Shraddha P Tiwari	8-hydroxyquinoline
15.	ShudhanshuPandharey	Clotrimazole, Ketoconazole

16.	Siddhi S. Uplenchwar	Mechanism of drug action
17.	Tanavi W. Raut	Drug resistance including MDR
18.	Tanuja C. Sable	Isoniazid, Ethambutol
19.	Triveni S. Pardhi	Rifamycin, cycloserine
20.	Vaishnavi I. Wairagade	Iodophores



Signature of Teacher

Dr. Pranita Gulhane



Dr. Pranita Gulhane
Head of the Department

Department of Microbiology
Science College, Congress Nagar,
NAGPUR.