

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

P.G. Department of Microbiology

M. Sc. Semester-II (2021-2022)

Microbiology Paper I

Name of Teacher –Mrs. Nupur Deshmukh

Sr No.	Name of Student	Seminar Topic
1.	Aishwarya S Mohatkar	Factors influencing eutrophication process
2.	Akshara A. Irkulwar	Control of eutrophication
3.	Bhagyashree K. Uikey	Biodeterioration of woods
4.	Dipti A. Charde	Applications of immobilized enzymes
5.	Gauri R. Bhutad	Biomagnifications of chlorinated hydrocarbons and pesticides
6.	Harsha J. Poddar	Biotransformation of pesticides
7.	Hiteshi R. Wadibhasme	Bioleaching of ores
8.	Janhvi R. Zade	Leaching techniques and applications
9.	Khushbu U. Choukiker	Biodegradation of plastics
10.	Mansi S. Bramhankar	Waste water management using activated sludge
11.	Neha D. Mahant	Aerated lagoons
12.	Rutika D. Kowe	Trickling filter
13.	Savita B. Khandate	Concept of phytoremediation and applications

14.	Shraddha P Tiwari	Ozone depletion
15.	ShudhanshuPandharey	Green house effect
16.	Siddhi S. Uplenchwar	Acid rain
17.	Tanavi W. Raut	Global warming and climate change
18.	Tanuja C. Sable	Acid mine drainage and associated problems
19.	Triveni S. Pardhi	Rotary biologicalcontractors
20.	Vaishnavi I. Wairagade	Fluidized bed reactors



Signature of Teacher
Mrs. Nupur Deshmukh



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-II (2021-2022)

Microbiology Paper II

Name of Teacher -: Dr. Manpreet Kaur

Sr No.	Name of Student	Seminar Topic
1.	Aishwarya S Mohatkar	Secondary metabolites
2.	Akshara A. Irkulwar	Plants secondary metabolites
3.	Bhagyashree K. Uikey	Polypeptides
4.	Dipti A. Charde	Polynucleotides and polysaccharides
5.	Gauri R. Bhutad	Biopolymers
6.	Harsha J. Poddar	Brief outline and functions of polyamines
7.	Hiteshi R. Wadibhasme	Antibiotic resistance
8.	Janhvi R. Zade	Mechanisms of antibiotic resistance
9.	Khushbu U. Choukiker	Chloramphenicol
10.	Mansi S. Bramhankar	Fucanazole
11.	Neha D. Mahant	General account of pigments
12.	Rutika D. Kowe	Bacteriochlorophylls
13.	Savita B. Khandate	Carotenoids
14.	Shraddha P Tiwari	Rhodopsin and accessory pigments
15.	Shudhanshu Pandharey	Characteristics of fats and water soluble vitamins

16.	Siddhi S. Uplenchwar	Xerophthalmia
17.	Tanavi W. Raut	Beri Beri
18.	Tanuja C. Sable	Osteoporosis
19.	Triveni S. Pardhi	Osteomalacia
20.	Vaishnavi I. Wairagade	Cheilosis, Glossitis

AKaur

Signature of Teacher
Dr. Manpreet Kaur



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-II (2021-2022)

Microbiology Paper III

Name of Teacher –Dr. Pranita Gulhane

Sr No.	Name of Student	Seminar Topic
1.	Aishwarya S Mohatkar	Stages of infection
2.	Akshara A. Irkulwar	Entry, spread and tissue damage
3.	Bhagyashree K. Uikey	Mechanism of bacterial adhesion
4.	Dipti A. Charde	Colonization and invasion of mucous membranes of respiratory
5.	Gauri R. Bhutad	Klebsiella pneumoniae
6.	Harsha J. Poddar	Bordetella pertussis
7.	Hiteshi R. Wadibhasme	Clostridium difficile
8.	Janhvi R. Zade	Multi drug resistant tuberculosis
9.	Khushbu U. Choukiker	Histoplasma capsulatum
10.	Mansi S. Bramhankar	Candida albicans
11.	Neha D. Mahant	Entamoeba histolytica
12.	Rutika D. Kowe	Plasmodium vivax
13.	Savita B. Khandate	Pneumocystis carinii
14.	Shraddha P Tiwari	Aggressins and toxins
15.	Shudhanshu Pandharey	Leishmania donovani

16.	Siddhi S. Uplenchwar	Hymenolepis nana
17.	Tanavi W. Raut	Schistosoma haematobium
18.	Tanuja C. Sable	Pneumocystis carinii
19.	Triveni S. Pardhi	Streptococcus suis
20.	Vaishnavi I. Wairagade	Proteus vulgaris



Signature of Teacher
Dr. 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-II (2021-2022)

Microbiology Paper IV

Name of Teacher –Mrs. Madhuri Walvekar

Sr No.	Name of Student	Seminar Topic
1.	Aishwarya S Mohatkar	Hematopoiesis
2.	Akshara A. Irkulwar	Antigenpresenting cells
3.	Bhagyashree K. Uikey	Mechanism of cell migration
4.	Dipti A. Charde	Intracellular cell adhesion molecules
5.	Gauri R. Bhutad	Cytotoxic T Cells
6.	Harsha J. Poddar	Natural Killer cells
7.	Hiteshi R. Wadibhasme	Antibody-Dependent cell mediated cytotoxicity
8.	Janhvi R. Zade	T-Cell dependent and T-cell independent defense mechanisms
9.	Khushbu U. Choukiker	Malignant Transformation of cells
10.	Mansi S. Bramhankar	Oncogenes and cancer induction
11.	Neha D. Mahant	Mechanism of Graft rejection
12.	Rutika D. Kowe	Central and peripheral tolerance to self antigens
13.	Savita B. Khandate	Mechanism of induction of natural tolerance
14.	Shraddha P Tiwari	Natural Killer cells
15.	Shudhanshu Pandharey	Antibody-Dependent cell mediated cytotoxicity

16.	Siddhi S. Uplenchwar	Biological functions of complement system
17.	Tanavi W. Raut	Bacterial Agglutination
18.	Tanuja C. Sable	Immunofluorescence
19.	Triveni S. Pardhi	Radioimmuno assay
20.	Vaishnavi I. Wairagade	ELISA



Signature of Teacher
Mrs. Madhuri Walvekar



Dr. Pranita Gulhan
Head of the Department

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