

MICROBIOLOGY (MINOR)-2ND SEM
MICROBES AND ENVIRONMENT

UNIT-I

- STRUCTURE AND FUNCTION OF ECOSYSTEM
- MICROBE INTERACTION: MUTUALISM, COMMENSALISM & PREDATION

UNIT-II

- NITROGEN CYCLE
- CARBON CYCLE

UNIT-III

- BIOFERTILIZERS
- BIOPESTICIDES

UNIT-IV

- TREATMENT AND SAFETY OF DRINKING WATER
- SEWAGE MANAGEMENT

MICROBIOLOGY (MINOR)-4TH SEM

MICROBES AND GENES

UNIT-I

- DNA -GENETIC MATERIAL
- RNA-TYPES

UNIT-II

- RIBOSOMES
- GENETIC CODON

UNIT-III

- PLASMIDS
- PROKARYOTIC ENZYMES

UNIT-IV

- BACTERIAL CONJUGATION
- MUTATION