

## Department of Microbiology

### PROGRAMME OUTCOME

1. Logical reasoning

### PROGRAMME SPECIFIC OUTCOME

1. Understanding the core concept of Microbiology and also its role in ecology
2. Laboratory skills

### COURSE OUTCOME

1. Paper E-101 : Scope history, diversity and basic microbiology.
2. Paper E-201: Microbial Physiology and Basic Biochemistry
3. Paper E-301 : Microbial Genetics, Molecular Biology and Genetic Engineering
4. Paper E-401 : Immunology and Clinical Microbiology
5. Paper E-501 : Food and Industrial Microbiology
6. Paper E-601 : Microbial Ecology, Environmental and Agricultural Microbiology

### ATTAINMENT OF PROGRAMME OUTCOME

1. Practical knowledge and implementation of the concepts studied

### PROGRAMME SPECIFIC OUTCOMES

1. Role of microbes in the diversity

### COURSE OUTCOMES

1. Paper E-101: Understand basic concept of Microbiology
2. Paper E-201: Microbial growth, division, nutrition and Analysis of biochemical reactions, structure and metabolism of various molecules
3. Paper E-301: Understand genetic recombination, regulation , mutation and molecular biology and techniques.
4. Paper E-401: Host parasite relationship, Human diseases, Pharmaceutical Microbiology, Immunity and its responses.

5. Paper E-501 : Understand the food and microorganism relation, Food spoilage and Diseases, Microorganism in industry.
6. Paper E-601: Understand the air, soil, water, sewage microbiology and application of Microbial biofertilizer. Biopesticides and bioremediation.