

Course out comes:

After successful completion of this course, the student will be able to

B. Sc. I – Semester I - BT 101 MICROBIOLOGY AND CELL BIOLOGY

He studied about History and development of microbiology. How to handle the different Microscopes .

Know about the morphology and characteristics of microorganisms.

understand the metabolic activities and physical conditions for microbial growth and controlling agents

Studied about detail structure and function of the cell and cell organelles

B. Sc.I – Semester II BT 201 MACROMOLECULES, ENZYMOLOGY AND BIOENERGETICS

understand the macromolecules like nucleic acid,chromosomes and structures DNA structure and Biomolecules (carbohydrates, lipids,proteins)

know about the concept of free energy in living cell

preparation of starch from potato and hydrolysis by salivary

B.Sc.II-Semister III

BT 301 BIO PHYSICAL TECHNIQUES

Know about concept of electromagnetic radiation,

How to handle the instrumentation of techniques

Gain the knowledge about the chromatography and electrophoresis

Basic concepts of mean, median,mode,std deviation and std error knowledge acquired

B.Sc.II-Semister IV

BT 401 IMMUNOLOGY

Know about the immune system,immune cells and immune organs.

Gain the knowledge about ag and ab and their reactions

Studied about hypersensitivity and vaccination

Handle the tri dot test (rapid tests) and blood group test, pregnancy test and HIV test.