

**SIR C R REDDY COLLEGE FOR WOMEN**  
(Affiliated to Aadikavi Nannaya University, Rajamahendravaram)  
Vatluru (post), Eluru.

**Department of Biotechnology**

**Programme Specific Outcomes**

On successful completion of the course, the student will be able to

- PSO:1 Appraise the significance and structural aspects of complex bio molecules and apply various principles of different analytical techniques and separation techniques.
- PSO:2 To understand various principles and identification of biological macro molecules and to apply various statistical methods.
- PSO:3 Get equipped with theoretical and practical understanding of Microbiology and appreciate diversity of micro organisms and microbial communities inhabiting a multitude of habitats & occupying a wide range of ecological habitats.
- PSO:4 Explain the ultrastructure, functions of various cell organelles and describe the Replication, Transcription & Translation processes.
- PSO:5 Classify the types of immunity, summarize vaccine preparation & explain the principle and applications of immunological techniques.
- PSO:6 Perform and analyze results of experiments using basic laboratory techniques in molecular biology, microbiology, rDNA technology, immunology and plant tissue culture.
- PSO:7 Understand the need and apply knowledge of Biotechnology to solve problems in the areas of medicine, agriculture, fermentation technology, environment and develop entrepreneurial ideas.