



VISVODAYA GOVERNMENT DEGREE COLLEGE

Venkatagiri, Tirupati District.

Programme Specific Outcomes

B.Sc Botany, Zoology and Chemistry (BZC)

On successful completion of this programme, the students will be able to:

- PSO 1:** Understand the basic and applied concepts of Botany, Zoology and Chemistry.
- PSO 2:** Perform procedures as per laboratory standards in the areas of Microbiology, Plant Anatomy, Taxonomy, Physiology, Cell Biology, Molecular Biology, Economic Zoology and Ecology.
- PSO 3:** Demonstrate laboratory skills necessary for research in basic science.
- PSO 4:** Integrate the different disciplines and understand the interdisciplinary approach to carry out research.
- PSO 5:** Interpreting the significance of resulting data, reporting results and writing technical reports.
- PSO 5:** Understand the role of Biology and Chemistry in daily life.
- PSO 6:** Know employment opportunities through basic science.
- PSO7:** Understand the applications of biological sciences and Chemistry in Aquaculture, Agriculture, Horticulture and Medicine and to grow as entrepreneur in Apiculture, Sericulture, Aquaculture, Horticulture, Mushroom cultivation, and Poultry & Pest Control Services.
- PSO 8:** Apply scientific methods and processes by formulating questions, designing investigations and synthesizing data to draw conclusions and make scientifically-based decisions.
- PSO 9:** Apply one's knowledge and understanding of Biology and Chemistry to new/unfamiliar contexts and to identify problems and solutions in daily life.
