



An Autonomous college in jurisdiction of Krishna University, A.P., India

B.SC HONOURS (BIOCHEMISTRY)

B.Sc Honours (Biochemistry) is a four-year undergraduate program that aims to provide students with excellent training in the field of Biochemistry emphasizing on a solid background of basic concepts as well as latest advancement in the field. In addition to theoretical knowledge, considerable emphasis is given on hands-on training to build a strong foundation of Biochemistry through practical training. This course provides conceptualization of collaborative and multidisciplinary work, amalgamate and apply the basic understanding of basic and industrial research.

About B.Sc Honours (Biochemistry)

The Biochemistry course includes advanced level theory and practical courses in subjects such as Physiology, Cell Biology, Immunology, Enzymes, Molecular Biology, Recombinant DNA Technology and Advanced Techniques in Immunology, Endocrinology, Bioinformatics, Biostatistics and Genetics. The programme aims to train the students to enable them to apply biochemical principles learned both theoretically and experimentally to understand various complex processes in life sciences and provide biochemical solutions to combat various human diseases.

Future Scope:

On completion of the course, the students develop analytical and problem-solving skills with regard to various challenges in the field of biochemistry. On Pursuing B.Sc Honours in Biochemistry the future scope is as follows

- M.Sc. in All Life sciences
- Doctor of Philosophy
- Medical Lab Technician
- Medical Coding
- Medical Transcription
- MBA
- CSIR- NET(JRF)

Career & Job Roles:

- ❖ Food Processing industry
- ❖ Biotech Firms
- ❖ Medical Lab establishments
- ❖ Research Labs
- ❖ Quality Analyst in food, Pharma, Aqua, Fertilizer industries
- ❖ Diagnostic Labs
- ❖ Medical Lab Technician
- ❖ Lecturer/Teacher

Possible Minors:

- Microbiology
- Food Science and Technology
- Chemistry
- Zoology
- Botany
- Aqua culture
- Computer Applications