Brief Outline of the Department

The Department of Biochemistry, Andhra University was established in year 1971 and offers a two year M.Sc course, M.Phil & Ph.D. in Biochemistry. The Department is a major centre for teaching and research and has attracted funding from UGC, ICMR, DST, CSIR and other funding agencies. Based on the performance of the Department over the years, it has been recognized with financial assistance by DST- FIST & UGC–SAP. With the additional funding from UGC & DST, Govt. of India, the Department is poised to take a quantum jump in terms of the quality of trained manpower and research output.

Teaching & Research Activities

The Department of Biochemistry, Andhra University is engaged in teaching in Biochemistry and research in the fields of Isolation, Characterization of Bioactive compounds, Protein and non-protein Enzyme inhibitors, Anti-bacterial activity, Anti-inflammatory activity, Fermentation, Plant Genomic studies, Tissue Culture and Antioxidant from plants. Every year 24 students are admitted into the M. Sc. programme through the state wide entrance test. About 3-4 PhDs are produced every year. The Department has individual collaborations with Scientists in the National Laboratories and Universities abroad. The Department has published nearly 95 research papers in the internationally reputed journals during the past five years.
**Facilities Created**

The major facilities created under the FIST support are:

- High performance liquid chromatography (HPLC)
- Millipore Water Purification System
- PCR
- Gel Doc System
- -80°C Deep Freezer
- Orbital Shaker Incubator

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**High performance liquid chromatography (HPLC) Waters**

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**Gel doc system (Alpha Innotech)**
PCR (eppendorf)

-80 Deep Freezer (operon)
For further details, please contact

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