

**Department of Biochemistry  
Indian Institute of Science  
Bangalore**

**Brief Outline of Department**

The Department of Biochemistry was started in 1921. It was recognized as the Centre of Advanced Study in Biochemistry in 1968 by the University Grants Commission, and has remained since. The focus of research is on molecular biology, molecular genetics, proteins and enzymes, immunology and reproductive biology. The Department has a history of excellence as manifested in terms of scientific publications and awards received by Faculty and students.

**Teaching & Research Activities**

The faculty in the department offers a number of courses for Ph D students in different areas of contemporary biology:

**January – April**, Each year: (i) BC 205: Molecular Genetics, (ii) BC 208: Viral Immunology, (iii) BC 209: Proteomics, (iv) BC 225, Dissertation.

**August – December**, Each year: (v) BC 201, Cell Biology (vi) BC 202, Proteins: Structure and Function (vii) BC 203, General Biochemistry & (viii) BC 206, Essentials in Immunology.

Several research projects are being pursued in different areas within the department:

**Proteins and Enzymes:** Genetic recombination and role of chromatin: Endocrinology: Novel drug targets and vaccines; Immune Responses: Virology: & Plant Biology:

**Facilities Created**

A sophisticated protein/ peptide sequencing facility was established in the Department with support from this grant.

Details of Equipments:

- I. Edman protein sequencer (Applied BioSystems) Model 140
- II. Akta FPLC System
- III. Jasco Supectropolarimeter

**For further details contact**

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