



## DEPARTMENT OF BIOTECHNOLOGY



The Department of Biotechnology at IIT Madras, founded in 2004 and housed in the Bhupat and Jyoti Mehta School of Biosciences, has a multidisciplinary coverage of scientific, technological, socio-economic, and educational domains of interest and aims to be an internationally recognized Centre of repute, collaborating with academic institutions, industries, healthcare institutions and other stakeholders. We aim to attain excellence and competitiveness in the areas of research, teaching, administration, outreach and public relations under the ambit of the Institute, state, and national interests. I invite you to explore our website to learn more about our faculty, research facilities, students, educational programs and on the ongoing research and consultancy projects.

As of 2021, the Department of Biotechnology broadly encompasses four major domains: Biological Sciences, Biomolecular Sciences, Computational Biology, and Biological Engineering, with 33 regular faculty members. Established in 2004, the Department hosts at present ~330 undergraduate students (Dual Degree Programs), ~60 Masters level students (M.Tech/MS), ~200 doctoral scholars (Ph.D.), ~30 postdoctoral scholars and



**Prof. Sanjib Senapati**  
Head of the Department



project staff, and 13 technical and administrative staff. The Department offers two integrated (Dual Degree) programs namely, BS/MS in Biological Sciences or BTech/MTech in Biological Engineering with strong emphasis both on modern biology and engineering and on extensive practical laboratory training. The Department also offers Master of Science (MS) by research, Doctor of Philosophy (Ph.D.) programs along with an M.Tech. in Clinical Engineering, (a multi institutional program) and an MTech program in Bioprocess Engineering. The Department has made significant strides in positioning itself as one of the best centres of excellence in the Biotechnology field in the past decade.

## Programmes (M.Tech.)

- Bioprocess Engineering

## Research areas

**Biological Science**

**Biological Engineering**

**Computational Biology**

**Biochemistry And Molecular Biophysics (BMB)**







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Biological Science

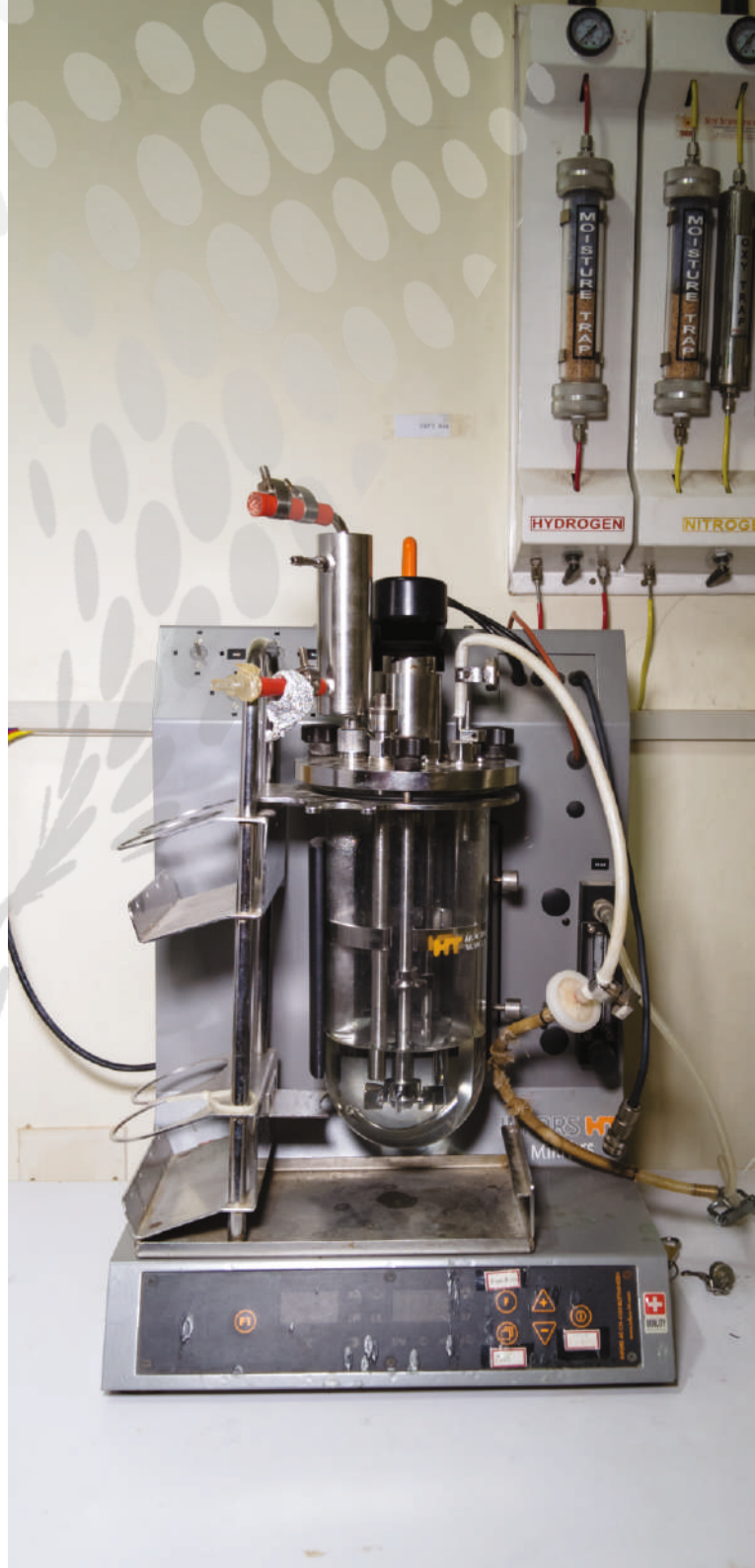
**Placements**

Biological Engineering

Computational Biology



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## DEPARTMENT OF BIOTECHNOLOGY



### Faculty

Dr. A Gopala Krishna  
Dr. Amal Kanti Bera  
Dr. Arumugam Rajavelu  
Dr. Athi N. Naganathan  
Dr. G K Suraishkumar  
Dr. Greeshma Thrivikraman  
Dr. Guhan Jayaraman  
Dr. Himanshu Sinha  
Dr. K Chandraraj  
Dr. K Subramaniam  
Dr. Karthik Raman  
Dr. Krithika Ravi  
Dr. M Hamsa Priya  
Dr. M Michael Gromiha  
Dr. Madhulika Dixit  
Dr. N Manoj  
Dr. Nathiya Muthalagu

Dr. Ninitha A J  
Dr. Nirav P Bhatt  
Dr. Nitish R Mahapatra  
Dr. R Baskar  
Dr. R Murugan  
Dr. Richa Karmakar  
Dr. S Mahalingam  
Dr. Sanjib Senapati  
Dr. Santhosh Sethuramanujam  
Dr. Sathyanarayana N Gummadi  
Dr. Shantanu Pradhan  
Dr. Smita Srivastava  
Dr. Suresh Kumar Rayala  
Dr. V Kesavan  
Dr. V Srinivasa Chakravarthy  
Dr. Vani Janakiraman  
Dr. Vignesh Muthuvijayan