

Department of Biological Sciences

Collaborations

IISc, IIT Kharagpur, PGIMER, NITK, IIT-Kanpur, NCAOR, INRA France, Ecole de Mines France, Caltech, USA Ghent University, Belgium, EAWAG, Switzerland RTI, North Carolina Cranfield University, UK, TERI, NIT Warangal, NIIST Trivandrum, PGIMER, University of Hyderabad, Higher School of Economics, Russia, St. Petersburg University, Northumbria University, Newcastle, École normale supérieure, University of Paris. Aarhus University.

Major Fundings

BMGF, DST – SERB, DBT, DST – Cognitive Science, DBT BIRAC, DST Nano Mission, DBT NER, ICMR, IMPRINT, GIZ, Erasmus

Industries

Hitachi Pvt Ltd, ONGC, Tide Technocrats, Deer Tree Technologies, L&T, Godrej Agrovet

Research falls under Swachh Bharat, Swasth Bharat and Start up India

Programmes offered

M.Sc Biological Sciences
M.E Biotechnology
M.E & M.Tech Sanitation Science Technology and Management
Minor Program in water and Sanitation
PhDs 46 (Institute Fellow: 15, Self sponsored: 18, Project Fellow: 13)
Post docs - 04

VISION

Strategic and Applied
Research towards Disease control,
Environmental Protection and Sustainable
Development

Start Ups

Sustainable Biosolutions LLP
BacTreat Environmental Solutions LLP
Zycon Biosciences Pvt Ltd (15% stake)

Research Thrust areas

Environmental Biotechnology
Therapeutic Biology
Str. Biology & Bioinformatics
Extremophiles
Nanobiotechnology
Plant Biotechnology

Faculty

Chair / Senior Professors – 1
Professors - 7
Assoc. Professors – 9
Asst Professors – 3
Ramalingaswami Fellows - 2
H index 14
Research funding in last three years (> 14.78 crores)
Coordinated DBT Builder(INR 10 crores) Interdisciplinary Research Proposal
Year 2022 funding is 3.29 crores