Department of Biotechnology

www.brainwareuniversity.ac.in

School of Biotechnology & Biosciences

Department of Biotechnology

- BSc (H) Biotechnology
- BTech Biotechnology
 - MSc Biotechnology
- MSc Microbiology
- MSc Bioinformatics
 - PhD



Salient Features

- Student's involvement in faculty research projects from Semester-I.
- Highly qualified faculty members having PhD, postdocs and industry exposures
- Syllabus for curriculum as per competitive exams like;
 JAM (UG) / SET, GATE, NET
- Value Added Courses
- Rural biotech work in surrounding villages as a part of outreach programme of university
- Scope of receiving free training for Competitive exams.
- NEP 2020
- Skill Enhancement Courses
- Ability Enhancement Courses
- Digital-first curriculum with AI tools
- Transforming interdisciplinary concepts into impactful solutions through cutting-edge innovation labs

Programme Highlights

Hybrid mushroom cultivation technology Biofuel production from organic waste Plant Tissue Culture and nursery development Clinical Data Management RT-PCR Test

Bioenzyme Production from Kitchen waste

Specialisation Scope

- Advanced techniques like PCR, ELISA, western blot, immunoprecipitation in animal biotechnology.
- Biopharming and bioresources
- Microbial fermentation and production of small and macro-molecules.
- Bioremediation
- Food preservation and safety
- Mushroom cultivation technology
- Plant tissue culture and nursery management technology
- Organic farming technology
- Biofuel production technology
- Water treatment and purification technology
- Biofertilizer production

Project Associates

- West Bengal Department of Science & Technology and Biotechnology
- Ministry of Micro, Small & Medium Enterprises (MSME)
- Unnat Bharat Abhiyan (UBA)
- Science for Equity Empowerment and Development (SEED), a Division of DST
- State University Research Excellence (SERB-SURE), a new scheme of the Science and Engineering Research Board

Opportunities

- Biotechnologist (Agricultural/Medical /Environmental)
- Soil and plant scientist Biopharma expert
- Molecular biologist /Microbiologist

- Biochemist & biophysicist R&D scientist Academicians
- QA / QC Analysts Food Safety Analyst Lab Technicians
- Clinical research associate

Institute-Industry Collaborations & Internships



VITAL WASTE Redivivus Recyclers Private Limited



Indian Institute of Bio Social Research and Development









Alona Centre for National Products





Sikim Manipal Institute of Medical Sciences, Sikim Manipal University, Department of Medical Biotechnology



CNG Agrocare



Instituto Nacional de Vedanta College

Centre for Public Health Research



Sidho-Kanho-Birsha University



Events and Activities



Outreach Programme on Rural Biotechnology



MSME-sponsored Entrepreneurship Seminar

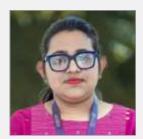


Green Biomerge: Enhancing Health through Environment, Biotechnology and Entrepreneurship



Workshop on PBMC Isolation Techniques

Some well placed students



Suchesmita
Biotechnology
Cipla



Ishita Biotechnology



Soumili Biotechnology



Pratik
MSc Biotechnology
ZIF()



Visit us



BRAINWARE UNIVERSITY

Barasat Campus : 398, Ramkrishnapur Road, Barasat, Near Jagadighata Market, Kolkata, West Bengal 700125



