

Dept. of Biotechnology

YEAR OF ESTABLISHMENT
2003

ADDRESS

THE UNIVERSITY OF BURDWAN
GOLAPBAG CAMPUS, BURDWAN,
WEST BENGAL – 713104

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 EXTN. 475

ABOUT OUR DEPARTMENT

THE DEPARTMENT OF BIOTECHNOLOGY, THE UNIVERSITY OF BURDWAN STARTED ITS JOURNEY ON 11TH SEPT. 2003 WITH THE FINANCIAL ASSISTANCE OF DR. ASISH KUMAR MONDAL, AN NRI WHO DONATED TWO ENDOWMENT CHAIRS IN THE MEMORY OF HIS LATE PARENTS, ONE PROFESSOR IN BIOTECHNOLOGY AND ANOTHER FOR SENIOR RESEARCH FELLOW (SRF). PROF. PRANAB ROY WAS THE FOUNDER HEAD OF THIS DEPARTMENT. THE DEPARTMENT HAS GOT RECOGNITION BY DBT, GOVT. OF INDIA FOR THE M.SC. BIOTECHNOLOGY COURSE AS WELL AS INFRASTRUCTURAL DEVELOPMENT. THE DEPT. CONSISTS OF TWO LECTURE ROOMS, WELL-EQUIPPED SUBJECT SPECIALIZED LABORATORIES, LIBRARY ENRICHED WITH VARIOUS TEXT AND REFERENCE BOOKS, A WELL DEVELOPED COMPUTER LABORATORY WITH WI-FI INTERNET FACILITY. A WELL-SET UP INSTRUMENTS ROOM FOR SOPHISTICATED INSTRUMENTS IS GOING TO FURNISHED SHORTLY. RECENTLY, THIS DEPT. HAS GOT THE BOOST III (BIOTECHNOLOGY BASED OPPORTUNITIES OFFERED FOR SCIENCE & TECHNOLOGY DEPARTMENT) BY DBT, GOVT. OF WEST BENGAL FOR INFRASTRUCTURAL DEVELOPMENT.

OUR M.SC. PASSED OUT STUDENTS ARE DOING THEIR PH.D. AND POST-DOCTORAL RESEARCHES BOTH FROM INDIA AND ABROAD IN DIFFERENT FIELDS AND MOST OF OUR STUDENTS HAVE QUALIFIED DIFFERENT COMPETITIVE EXAMS LIKE NET, BET, GATE, ETC. THE DEPT. ACTIVELY ORGANIZES NATIONAL SEMINAR, COLLOQUIUMS, SCIENCE FAIR, LABORATORY VISIT AT DIFFERENT INSTITUTES, EDUCATIONAL EXCURSION, ETC. TIME TO TIME APART FROM REGULAR ACTIVITIES.

COURSES OFFERED

M.SC. IN BIOTECHNOLOGY
(2 YEARS)
PH.D.

SPECIALIZATION

MAJOR ELECTIVE I

1. PLANT AND AGRICULTURAL BIOTECHNOLOGY
2. COMPUTER SKILLS FOR BIOLOGICAL RESEARCH
3. APPLIED MICROBIOLOGY
4. ANIMAL BIOTECHNOLOGY
5. ADVANCE BIOPHYSICAL & COMPUTATIONAL TECHNIQUES

MAJOR ELECTIVE II

1. ADVANCED PLANT BIOTECHNOLOGY
2. ADVANCED BIOINFORMATICS
3. MICROBIAL BIOTECHNOLOGY
4. ADVANCED ANIMAL BIOTECHNOLOGY
5. ADVANCE BIOPHYSICAL & COMPUTATIONAL TECHNIQUES

IN-TAKE CAPACITY

M.Sc. BIOTECHNOLOGY – 26 SEATS
PH.D. – 4

FACULTY

NO OF ASSISTANT PROFESSOR : 2
NO OF FACULTY : 3
NON-TEACHING STAFF : 5

RESEARCH AREA

- A. PLANT TISSUE CULTURE
- B. MOLECULAR BIOLOGY
- C. MICROBIOLOGY
- D. COMPUTATIONAL BIOLOGY

STATISTICS OF PAPER/BOOK PUBLICATION

■ BOOK PUBLICATION	: 8
■ INTERNATIONAL JOURNAL	: 40
■ NATIONAL JOURNAL	: 14
■ INTERNATIONAL CONFERENCE	: 5
■ NATIONAL CONFERENCE	: 34
■ WHITE PAPER PUBLICATION	:

RESEARCH FUNDED BY

- UGC DRS
- UGC DSA
- UGC COSIST
- DRDA

COLLABORATION WITH OTHER INSTITUTIONS

- MOU SIGNED BETWEEN
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SOME OF OUR ALUMNI ARE ASSOCIATED WITH

- A. CHITRA BATA MAL , ASST. PROF. (AMITY UNIVERSITY)
- B. MONOJ SINGH, ASST. PROF. (ADAMAS UNIVERSITY)
- C. ATANU KONER, FACULTY (BURDWAN UNIVERSITY)
- D. SOMNATH MUKHERJEE (SENIOR SCIENTIST, BIOCON)
- E. SOURAV LAYEK (SCIENTIST, GR-B, BIOCON)
- F. PIYALI MUKHERJEE (WOMEN SCIENTIST, GR-B)
- G. PALLAVI RAJPOOT (SCIENTIST, ONGC, BARODA)
- H. AVANTI KUMARI (BIOTECHNOLOGIST, FCI, GOVT. OF INDIA)