

Department of Botany

YEAR OF ESTABLISHMENT
1964

ADDRESS

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



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ABOUT OUR DEPARTMENT

Botany Department was founded in the year 1964 and the academic foundation of this Dept. was initially laid down by some very eminent and erudite academicians like Prof. P. N. Bhaduri Ph. D. (London), Dr. B. Nandi Ph. D. (Uppsala), Dr. P. Sarma Ph.D. (Auckland), Dr. A.K. Banerjee (Gottingen), Dr. S. K. Chatterjee (Purdue), Dr. S. P. Banerjee and Dr. S. K. Roy Ph. D (Canada). Gradually, many other faculty members joined this department from time to time, who have not only established themselves in their respective fields by their academic pursuits but also through their research acumen brought this Department under the umbrella of Special Assistance Programme of the UGC in 1991. This Department very successfully completed DSA Phase I, II, III, COSIST. In fact, Department of Botany is the first science Department of this University which was considered as a Center for Advanced Study in 2007. Since then the Department has completed Phase-I of CAS successfully and subsequently granted Phase II by UGC in 2012. At present, apart from teaching, several competent faculty members are actively engaged in research in some important domains of Plant science with funding support from different National bodies.

COURSES OFFERED

- M.Sc. IN BOTANY (2 YEARS)
- PH.D.
- POST-DOCTORAL FELLOWSHIP

Specialization

- > PLANT PHYSIOLOGY AND BIOCHEMISTRY
- > TAXONOMY OF ANGIOSPERMS AND BIOSYSTEMATICS
- > PHYCOLOGY
- > CYTOGENITCS AND MOLECULAR BIOLOGY
- >. MICROBIOLOGY & BIOINFORMATICS
- > Mycology, Plant Pathology & Fungal Biotechnology

In-take capacity

M.Sc. BOTANY – 60 SEATS

PH.D. – (80)

Faculty

NO OF PROFESSORS: 4

NO OF ASSOCIATE PROFESSOR : 3

NO OF ASSISTANT PROFESSOR: 3

NON-UGC TEACHER: 2

LIBRARIAN: 1

TECHNICAL STAFF: 3

NON-TEACHING STAFF: 13
(OFFICE & LAB)

RESEARCH AREAS

- A. PLANT ABIOTIC STRESS RESPONSE
- B. SEED PHYSIOLOGY AND REDOX BIOLOGY
- C. PLANT - MICROBE INTERACTIONS
- D. ALGAL & MICROBIAL TAXONOMY
- E. PLANT BIOSYSTEMATICS & ECOLOGY
- F. PALYNOLOGY & PALEOBOTANY

STATISTICS OF PAPER/BOOK PUBLICATION (LAST FIVE YEARS)

■ BOOK PUBLICATION	: 18
■ INTERNATIONAL JOURNAL	: 116
■ NATIONAL JOURNAL	: 168
■ INTERNATIONAL CONFERENCE	: 250
■ NATIONAL CONFERENCE	: 310
■ WHITE PAPER PUBLICATION	:

RESEARCH FUNDED BY

- UGC DRS
- UGC DSA
- UGC COSIST
- DRDA
- CSIR
- DST

COLLABORATION WITH OTHER INSTITUTIONS

- BOTANICAL SURVEY OF INDIA
- BSIP, LUKHNOW
- CDFD, HYDERABAD
- NATIONAL METALLURGICAL LABORATORY, JAMSHEDPUR
- OSMANIA UNIVERSITY, HYDERABAD
- RAMAKRISHNA VIVEKANANDA MISSION INSTITUTE OF ADVANCED STUDIES, KOLKATA
- BOSE INSTITUTE KOLKATA

SOME OF OUR ALUMNI ARE ASSOCIATED WITH

- PROF. SHAMPA DAS, SENIOR PROFESSOR, BOSE INSTITUTE, KOLKATA
- PROF. ASOK KUMAR MUKHERJEE, RETIRED PROFESSOR, BOTANY, BURDWAN UNIVERSITY
- PROF. MONOJIT ACHARYA CHOWDHURY, RETIRED PROFESSOR, BOTANY, BURDWAN UNIVERSITY
- PROF. MANOJ KOLEY, SENIOR SCIENTIST, INSTITUTE OF VIROLOGY, ONTARIO, CANADA
- DR. ASIT BARAN MONDAL, FORMER DIRECTOR AND PRICIPAL SCIENTIST, CRIJAF-ICAR, BARRACKPORE
- DR. JAGADANANDA GHOSH, SCIENTIST, CENTRAL MICHIGAN UNIVERSITY, USA
- PROF. SATYAHARI DEY, PROFESSOR, DEPARTMENT OF BIOTECHNOLOGY, IIT KHARAGPUR
- PROF. AMAL KANTI PAUL, PROFESSOR, DEPT. OF BOTANY, CALCUTTA UNIVERSITY
- PROF. RANJIT KUMAR, JOINT-DIRECTOR, NICED,ICMR, KOLKATA