

Curriculum Vitae

Dr. Bidyut Bandopadhyay. M.sc. ,Ph.D.



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Present Position :

- **Reader**, Post Graduate Department of Biotechnology , Oriental Institute of Science and Technology (Affiliated to Vidyasagar University), Hatudewan, Katwa Road, Burdwan. 713101, W.B., India.
- **Guest Lecturer**, Department Of Biotechnology, University of Burdwan, Galabad, Burdwan, W.B., India.
- **Guest Lecturer**, Department Of Biotechnology & Biochemistry, Burdwan Institute Of Management and Computer Science, (Affiliated to University of Burdwan), Hatudewan, Katwa Road, Burdwan, W.B., India

Educational Qualification:

- **Ph.D.** in Genetics and Plant Breeding, 2002, Bidhan Chandra Krishi Viswavidhalaya , Mohanpur, Nadia, West Bengal, India.
Title of the Ph.D. thesis: **Genotypic competence of *Atriplex* sp. for fodder and biomass production in Sunderbans.**
- **M.Sc.** in Botany (Specialization: Cytogenetics **and Plant Breeding**), **First class First**, 1992, University of Kalyani, W.B., India.
- **B.Sc.** in Botany, **First class**, 1989, University of Kalyani, W.B., India.

Professional Experience:

- About 08 years of working Experience in different Industries specially in Tissue Culture Laboratories, Water Treatment Industries .
- For the last 07 years , I am engaged with different Academic Institution to carry out Teaching as well as Research activities.

Award/Honour/Recognition:

- **First Class First** in the M.Sc. Examination
- Examined thesis of Ph.D. Students.
- **Examiner of different Universities.**
- Acted as a Rapporteur in the National Conference on Current Researches in Plants and Microbial Sciences (2005), Organized by Department of Botany, University of Burdwan.
- Acted as Resource Person in the “Workshop cum Training Programme on Mushroom Cultivation and its Trade” held during February to March, 2008 organized jointly by B.K.C.R.T.C. and the Dept. of Botany, University of Burdwan.

Publications:

Abstracts: 22 Nos.

Papers : 07 Nos.

Supervision of Dissertation/Project works of Undergraduate and Postgraduate students: 35 Nos.

Supervision of Ph.D. Students:

Recently, a Ph.D. programme entitled “**ANTIOXIDANT STATUS IN ORAL PREMALIGNANT CONDITION**” is being carried out under my supervision .

Supervision of R&D Project:

A Minor Research Project entitled “**Sustainable Cultivation of Oyster mushrooms on Agro-industrial Wastes and the Associated Heavy Metal Contamination**” has already been submitted to UGC Research Funding Council For Major and Minor Research Projects – Tenth Plan in collaboration with the Department of Botany, University of Burdwan (Copy of the proposed Research work is enclosed herewith).

Overview of Recent Research Works:

- Development of suitable protocols for ***in vitro* clonal propagation** using various explants for the development of multiple shoot, search for other alternative propagation, development of **somatic embryos** and regeneration of plants through Somatic Embryogenesis, isolation and characterization of **Active Compounds** of some **unidentified Medicinal Plants** of North –Eastern Hill regions.
- Studies on ***in vitro* clonal propagation** of some endangered Mangrove species of Sundarban.

- Studies on the **Post Harvest Technology** for the improvement of Shelf-life of some Flowers and Fruits.
- Working on Fluoride effects on human health..
- Working on **Biofertilizers** with modified composition and short production cycle, also working on dissemination of low-cost Mushroom technology to self-help groups.