



Dr. Tanmay Chowdhury
Part time Lecturer

Academic Qualifications: M.Sc., Ph.D.

Ph.D. – University of North Bengal, Darjeeling, India.

Master of Science (M.Sc.) – CSR&TI, Mysore University, India.

Bachelor of Science (B.Sc.) - University of North Bengal, Darjeeling, India.

Contact Address:

Department of Sericulture

Raiganj University

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Research Interest:

Mulberry genetics and breeding, plant molecular biology, Plant tissue Culture, Cryopreservation and mulberry pathology.

Specialization:

Mulberry Production.

Fellowships:

- Worked as a **SRF** in DBT funded project on “Conservation of mulberry germplasm using biotechnological approaches of *in vitro* culture of cryopreservation for sustainable use” at NBPGR, New Delhi from 03/04/2006 to 30/08/2006.
- Worked as a **Project Scientist** in the DST funded project on Survey and documentation of status, habitat and local uses of Medicinal and Aromatic Plant of

Malda, Uttar & Dakshin Dinajpur districts of West Bengal from 01/12/2009 to 27/03/2012.

Conference/Seminar/Organisation: (15)

- National seminar on “Man and microbes” organized by Department of Microbiology, Raiganj University on 28-29th March, 2016 (**Presented paper-Oral**).
- One day international seminar on “Exploring chemistry for the development of North Bengal” organized by Department of Chemistry, Raiganj University on 19th March, 2016. (**Presented paper-Poster**).
- National seminar on “Current trends in plant and microbial research” organized by Department of Botany, Raiganj University on 16 - 17th March, 2016 (**Presented paper-Oral**).
- International conference on “Raiganj University: Challenges and opportunities” organized by Raiganj University on 14-16th March, 2016 (**Presented paper-Oral**).
- National Seminar on “Contemporary development issues” Organized by Department of Economics, Raiganj University on 19-20th March, 2016 (**Participation**).
- Seminal on “Inland aquaculture and present scenario of West Bengal” organized by Department of Zoology, Raiganj University on 6th June, 2015 (**Participation**).
- UGC sponsored National Seminar on “Relevance of Swami Vivekananda in 21st Century” Organised by Department of Philosophy, Raiganj College (University College) on 23-23rd March, 2013 (**Participation**).
- State level seminar on “Backward class empowerment through reservation system: Present, prospects and challenges” organized by Raiganj College (University College) on 16th January, 2013 (**Participation**).
- UGC sponsor national seminar on “Modern ethnobotany: its concepts and relevances” organized by Department of Botany, Garhbeta College, Paschim Medinapur on 8-9th November 2011 (**Participation**).
- National Seminar on “The exploration, protection and conservation of biodiversity and traditional knowledge” organized by Department of Botany, Gour Mahavidyalaya, Malda and Paschim Banga Vigyan Mancha, Malda District committee, West Bengal on 4-5th February, 2011 (**Presented paper-Oral**).
- National seminar on “Biodiversity and sustainable development and sesquicentennial birth-year celebration of Acharya Prafulla Chandra Ray” organized by Raiganj College (University College) on 10-11th January 2011 (**Presented paper-Oral**).

- Workshop on “Statistical method” organized by Department of Economics, Raiganj College (University College) on 16-23th March, 2011 (**Participation**).
- National seminar on “Diversity conservation and sustainable utilization of plants and traditional knowledge of Eastern Himalaya” organized by Department of Botany, North Bengal University on 14-16th December, 2010 (**Presented paper-Oral**).
- Seminar cum workshop on “Bioinformatics” organized by Department of Botany, Bioinformatics facilities, North Bengal University on 15-17th, January, 2010 (**Participation**).
- International Symposium on “Botanicals in integrated health care” Jointly organized by The Agri-Horticultural Society of India; AYUSH, Govt. of India; Botanical Survey of India and Nationalistic Doctors Forum on 26-28th December, 2010 (**Participation**).

Teaching Experience:

- As a part time Lecturer of Raiganj College (University College) in the Dept. of Sericulture for degree classes since 26th October, 2006 to till date.
- As a contractual Teacher of Ganguria High School in Vocational Agriculture (10+2) since 2nd August, 2007 to 30th November, 2009.

Research Experience:

- Worked as a **SRF** in DBT funded project on “Conservation of mulberry germplasm using biotechnological approaches of *in vitro* culture of cryopreservation for sustainable use” at NBPGR, New Delhi from 03/04/2006 to 30/08/2006.
- Worked as a **Project Scientist** in the DST funded project on Survey and documentation of status, habitat and local uses of Medicinal and Aromatic Plant of Malda, Uttar & Dakshin Dinajpur districts of West Bengal from 01/12/2009 to 27/03/2012.

Previous & Present Employment:

Presently working as Part time Lecturer in the Department of Sericulture, Raiganj University.

Administrative Experience:

Working as Boys’ Hostel Superintendent since 2nd December, 2013 to till date.
Secretary, AASM garden, Raiganj University from 29.11.2017 to till date.

Publications:

Books: 01, Book Chapter: 01, Research Papers: 05

LIST OF PUBLICATIONS:

Book: Biodiversity and medicinal plants of West Dinajpur and Malda (Vol. 1) (ISBN-978-81-8465-358-8).

Book Chapter: 01

- **Chowdhury T**, Saha MR, Sarker DD (2011) Survey of plants used for the treatment of diabetes in Dinajpur (Uttar & Dakshin) and Malda Districts of Paschimbanga. In (Ed. Ghosh C and Das AP) *Recent studies in biodiversity and traditional knowledge in India*. Gour Mahavidyalaya, Malda, pp-295-299.

International: 05

- Ghosh A, Gangopadhyay D, **Chowdhury T** 2017. Economical and environmental importance of mulberry: A review. *International Journal of Plants and Environment*. 3:51-58.
- **Chowdhury T**, Mandal A, Roy SC, De Sarker D 2017. Diversity of the genus *Ocimum* (Lamiaceae) through morpho-molecular (RAPD) and chemical (GC-MS) analysis. *Journal of Genetic Engineering and Biotechnology*. 15:275-286. (**Elsevier**, IF: 1.13).
- **Chowdhury T**, Mandal A, Jana AK, Roy SC, De Sarker D 2016. Study of phyto-sociology and ecology of naturally growing *Ocimum* species with their conservational strategies in Dakshin Dinajpur district of West Bengal. *Acta Ecologica Sinica*, **36**: 483-491. (**Elsevier**, IF: 1.07).
- **Chowdhury T**, Roy SC, Sarker DD 2014. Wild edible plants of Uttar Dinajpur district, West Bengal. *Life Sciences Leaflets*. 47:20-36. (IF: 0.9285).
- **Chowdhury T**, Sarker DD, Roy SC 2014. Local folk use of plants in Dakshin Dinajpur district of West Bengal, India. *International Research Journal of Biological Science*. 3: 67-79. (IF: 0.676).