



Sri Tanmay Chowdhury
Part time Lecturer

Academic Qualifications: M.Sc.

Contact Address:

Department of Sericulture

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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.
- Working 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.

Award:

Conference/Seminar/Organisation:

- 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**).
- Seminal on “Inland aquaculture and present scenario of West Bengal” organized by Department of Zoology, Raiganj University on 6th June, 2015 (**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.
- Working 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.

Research Guiding Experience:

Ph.D. Scholars:

Post-Doctoral – Research Associate:

Completed Research Projects:

Ongoing Project :

Previous & Present Employment:

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

Administrative Experience:

As a hostel superintendent since 2nd December, 2013.

Financial Assistances from following Organisations for attending International Conferences in abroad:

Publications:

Books: 01

Research Papers: 05

Technical Report:

Advisory Editor:

Special Lectures

Keynote Addresses:

Country Visited:

Editorial Board Member:

REVIEWER of the following Books and Journals:

Jury Member:

LIST OF PUBLICATIONS:

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

RESEARCH PAPERS : 05

National: 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: 04

- **Chowdhury T**, Sarker DD, Roy SC (2014) Local folk use of plants in Dakshin Dinajpur district of West Bengal, India. *Int. Res. J. Biological Sci.* 3: 67-79. (IF: 0.676).
- **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**, 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**, Mandal A, Roy SC, De Sarker D 2017. Diversity of the genus *Ocimum* (Lamiaceae) through morpho-molecular (RAPD) and chemical (GC-MS) analysis. *J Genet Eng Biotechnol*. DOI: 10.1016/j.jgeb.2016.12.004 (Elsevier, IF: 1.13).

Patent: