



A qualified researcher with more than 10 years of research expertise in plant sciences as well as teaching experience for both undergraduate and post graduate level in several renowned academia.

CONTACT:

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Dr. Sanjib Kumar Chattopadhyay
Assistant Professor of Botany
DOJ: 14-10-2022

ACADEMIC QUALIFICATIONS:

M.Sc., Ph.D.

TEACHING EXPERIENCE:

A. Assistant Professor of Botany

- Centre for Distance and Online Education, Vidyasagar University, Midnapore, West Bengal (Oct'2018-Oct'2022)
- Department of Botany (Post graduate), Ramananda College, Bishnupur, Bankura, West Bengal (Aug'2009-Aug'2012)

B. Guest Lecturer in Botany

- Department of Botany, Kalyani Mahavidyalaya, Kalyani, Nadia, W.B. (Sept'2013-July'2015)
- Department of Botany (Post graduate), Scottish Church College, Kolkata, West Bengal (Aug'2017-Mar'2018)

C. Faculty cum Laboratory in charge

- Department of Biotechnology (Post graduate), St. Columba's College, Hazaribagh, Jharkhand (Jan'2003-Apr'2006)

AWARD & FELLOWSHIPS:

- **University Research Fellow** (June'2006-Aug'2009)
University of Kalyani.

RESEARCH INTEREST & EXPERIENCE:

- Developmental biology & in-vitro regeneration,
- Physiology & molecular signaling of Stress.
- Genetic resource utilization & conservation.
- Biodiversity & Genomic architecture of plants.
- Data-mining & Bioinformatics study of genes.

Updated: 19-11-2022

ADMINISTRATIVE EXPERIENCE:

- **Member of BOS** (Botany), Centre for Distance and Online Education, Vidyasagar University (2020-2022)
- **Examination in-charge** for Online Examination of M.Sc. under Centre for Distance and Online Education, Vidyasagar University (2020-2022).

ELIGIBILITY TEST CLEARED (NET/SET/GATE etc.):

Sl. No.	Details
1.	CSIR(UGC) - NET (LS) in Life Sciences; June 2004
2.	CSIR(UGC) - NET (LS) in Life Sciences; December 2004

DETAILS OF PUBLICATIONS (BOOKS/ EDITED VOLUME / RESEARCH PAPERS/REVIEW):

Sl. No.	Title of the paper vol. No., Issue No., Page No,	Publisher	Year of publication	ISSN/ ISBN
1	Expression profile, transcriptional and post-transcriptional regulation of genes involved in hydrogen sulphide metabolism connecting the balance between development and stress adaptation in plants: a data-mining bioinformatics approach. <i>Plant biology</i> (Stuttgart, Germany), 24(4), 602-617.	Wiley	2022	ISSN: 1435-8603 (Online)
2	Structural property, molecular regulation, and functional diversity of glutamine synthetase in higher plants: a data-mining bioinformatics approach. <i>The Plant journal</i> , 108(6), 1565–1584. doi.10.1111/tpj.15536	Wiley	2021	ISSN: 1365-313X (Online)
3	Programmed Cell Death (PCD) in Plant: Molecular Mechanism, Regulation, and Cellular Dysfunction in Response to Development and Stress. In (Ed. Prof. Yusuf Tutar), <i>Regulation and Dysfunction of Apoptosis</i> . IntechOpen. Doi. 10.5772/intechopen.97940	Intechopen	2021	ISBN 978-1-83969-194-2 (Online)
4	Identification of an endangered tree as a new record of <i>Cordia macleodii</i> , with an update of <i>Cordia</i> in West Bengal, India. <i>Webbia</i> , 73(1), 81-88., doi. 10.1080/00837792.2017.1415043	Taylor & Francis	2018	ISSN: 2169-4060 (Online)
5	A simplified high yielding miniprep genomic DNA extraction protocol for three chemotypically different plant species. <i>Indian Journal of Biotechnology</i> , 12, 337-340	NISCARE	2012	ISSN 0975-0967 (Online)

SEMINARS, CONFERENCES, WORKSHOPS, ETC (Paper presenter/ invited talk/ Coordinator/chairperson):

Sl. No.	Theme of the Seminar/Workshop	Organizing Institute	Conference, Seminar, workshop etc.	International /National & Year	Role
1	Journey of Higher Education in Independent India with a special emphasis on Open and Distance Learning”	Centre for Distance and Online Education, Vidyasagar University.	Webinar	National (2022)	Organizing Secretary
2	“Emerging Areas of Sericulture: Issues Challenges and Industrial Application for Sustainable Development and Eco-restoration”	Department of Sericulture, Raiganj University, Raiganj, West Bengal.	Seminar	National (2018)	Presented a paper entitled “Improvement of Lablab bean through <i>in-vitro</i> regeneration.”
3	Contemporary Progress in Plant Sciences	Department of Botany, University of Burdwan, Burdwan, West Bengal.	Seminar	National (2018)	Presented a paper entitled “ <i>In vitro</i> regeneration of Chickpea via somatic embryogenesis.”

Disclaimer: I assert that the details furnished above are all true to the best of my knowledge.

Sanjib Kumar Chattopadhyay

Dr. Sanjib Kr. Chattopadhyay

19-11-2022