

ABHIJIT BHATTACHARJEE

(Curriculum Vitae)

Associate Professor cum Principal (I/C)
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ACADEMIC IDENTITY:

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Researcher ID: AAB-5645-2022

Scopus Author ID: 57221495452

AREA OF INTEREST:

Resource Utilization & Cytogenetics.

TOPICS TAUGHT AT THE UNDERGRADUATE LEVEL:

Floriculture, Economic Botany, Plant Pathology, Cell Biology, Plant Anatomy, Palaeobotany, Plant Biochemistry, Plant Biotechnology, Plant Physiology.

ACADEMIC PROFILE:

- ❖ **PhD**, Pursuing at the Department of Forestry & Biodiversity, Tripura University.
- ❖ **M.Sc.** (Life Sciences) from Tripura University, Tripura. (1st Class) June-2002.
- ❖ **B.Sc.** (Honours in Botany) from M. B. B. College, Tripura. (1st Class & 2nd Rank holder) November-1999.

AWARDS AND FELLOWSHIPS:

- ❖ Qualified UGC- **CSIR- JRF**, June 2002.
- ❖ Qualified GATE 2002 (90.02 Percentile)
- ❖ Holder of **National Scholarship** 2000-01 at Master's Degree Level.

(2024)

1. Endophytic Microbes in Agarwood Oil Production from *Aquilaria malaccensis* Lam. Engendering Bio-Resources for Socioeconomic Development. **Book Chapter:** Advanced Green Technology for Environmental Sustainability and Circular Economy **CRC Press, Taylor and Francis group eBook ISBN: 9781003517108 DOI: [10.1201/9781003517108-10](https://doi.org/10.1201/9781003517108-10)**

(2022)

2. Paul, C., Chakraborty, K., **Bhattacharjee, A. et al.** Gender-specific differences in micro-morphology, secondary metabolites, antioxidant and antimicrobial activity of wild *Dioscorea* species. *Vegetos* (2022). <https://doi.org/10.1007/s42535-021-00324-9> (IF: 0.469, Springer). UGC CARE LIST GROUP II: [Scopus Source List](#)

(2021)

3. **Abhijit Bhattacharjee**, Madhumita Bhowmik, Chiranjit Paul, Bipul Das Chowdhury, Bimal Debnath. "Rubber tree seed utilization for green energy, revenue generation and sustainable development– A comprehensive review" *Industrial Crops and Products* Vol:174, 15 December 2021, 114186. <https://doi.org/10.1016/j.indcrop.2021.114186> (IF: 6.449, Publisher: ELSEVIER) ISSN: 9266690,

UGC CARE LIST GROUP II: (SCIE)

Web of Science Core Collection: **Science Citation Index Expanded**

Additional *Web of Science* Indexes: **Current Contents Agriculture, Biology & Environmental Sciences | Essential Science Indicators**

(2020)

4. Chiranjit Paul, Amal Debnath, Kripamoy Chakraborty, Sushanta Ghosh, **Abhijit Bhattacharjee**, and Bimal Debnath. "Sex-specific variations in phytochemicals and antimicrobial potentiality of *Dioscorea*." *Future Journal of Pharmaceutical Sciences* 6, no. 1 (2020): 1-12. <https://doi.org/10.1186/s43094-020-00076-4> Download Link: <https://rdcu.be/b7I6x> (Publisher: **SPRINGER open**, ISSN / eISSN: 2314-7245 / 2314-7253)

UGC CARE LIST GROUP II: (ESCI), *Web of Science* Core Collection: **Emerging Sources Citation Index**)

5. Bimal Debnath, A. S. Langshiang, Amal Debnath, **Abhijit Bhattacharjee**, and Chiranjit Paul. "Traditional healing practices of Pnar and War communities in West Jaintia Hills district of Meghalaya, Northeast India." *Indian Journal of Traditional Knowledge (IJTK)* 19, no. 4 (2020): 776-787. ISSN: 0975-1068 (Online); 0972-5938 (Print) (IF: 1.091, Publisher: **CSIR-NISCAIR**)

UGC CARE LIST GROUP II: (SCIE)

Web of Science Core Collection: **Science Citation Index Expanded**,

Additional *Web of Science* Indexes: **Essential Science Indicators**

PARTICIPATION IN OP/RC/FDC: (ONLINE & OFFLINE)

(2022)

1. **One Week Online FDP** On "Research Design And Research Method" Organised By Teaching Learning Center, Ramanujan College, Under The Ministry Of Education, Sponsored **PMMMNMTT** Scheme. TLC Ramanujan College, Delhi University. (30th July – 05th August 2022). (Grade-A+).
2. **One Week Online FDP** On "Meaningful Research & IPR Organised Under The Ministry Of Education Sponsored **PMMMNMTT** Scheme Organised By TLC Ramanujan College In Collaboration With K.L.E. Society's B.V. Bellad Law College, Belagavi". (04th July -10th July 2022). (Grade-A+).

(2021)

3. **ONE WEEK ONLINE FDP** ON "ADVANCED PEDAGOGICAL TECHNIQUES" UNDER **PMMMNMTT**, TLC Ramanujan College, Delhi University (30th JUNE-06th JULY 2021).
4. **ONE WEEK ONLINE FDP** ON "ONLINE TOOLS FOR RESEARCH & ANALYSIS", UNDER **PMMMNMTT**, TLC Ramanujan College, Delhi University (08th – 14th JUNE 2021). (GRADE-A+)

(2020)

5. **TWO WEEKS ONLINE FDP** ON "Learning Advanced E-tools for MOOCs Development & Research" UNDER **PMMMNMTT**, TLC Ramanujan College, Delhi University (1st -14th SEPT 2020) (GRADE-A+).
6. **TWO WEEKS ONLINE FDP** ON "MANAGING ONLINE CLASSES AND CO-CREATING MOOCS 3.0" UNDER **PMMMNMTT**, TLC Ramanujan College, Delhi University (25th JULY – 10th AUG 2020). (GRADE-A+).
7. **TWO WEEKS ONLINE FDP** ON "ADVANCED CONCEPTS FOR DEVELOPING MOOCS" UNDER **PMMMNMTT**, TLC Ramanujan College, Delhi University (02nd - JULY 17th, 2020).
8. **ONE WEEK ONLINE FDP** ON " EARTH & ENVIRONMENT RESPONSE DURING COVID-19" UNDER **PMMMNMTT**, **HRDC SPPU PUNE** (11th -17th JULY 2021).
9. **ONE WEEK ONLINE FDP** ON "ENTREPRENEURSHIP, INCUBATION AND INNOVATION" UNDER **PMMMNMTT**, TLC Ramanujan College, Delhi University (23rd – 29th JUNE 2020).
10. **ONE WEEK ONLINE FDP** ON "RESEARCH METHODOLOGY: TOOLS AND TECHNIQUES", UNDER M.V. MUTHIAH GOVERNMENT ARTS COLLEGE FOR WOMEN, (18th – 24th JUNE 2020).
11. **ONE WEEK ONLINE FDP** ON "OPEN-SOURCE TOOLS FOR RESEARCH" UNDER **PMMMNMTT**, TLC Ramanujan College, Delhi University (08th -14th JUNE 2020).

12. **ONE WEEK ONLINE INTERNATIONAL FDP ON “THE ROLE OF EDUTECH IN CLASSROOM TEACHING & LEARNING”, (05th -11th JUNE 2020), ANNAMALAI UNIVERSITY (UGC-SAP-V).**

PARTICIPATION IN OP/RC/FDC: (OFFLINE)

(2019)

13. **15 DAYS REFRESHER COURSE ON ‘SCIENCE AND TECHNOLOGY FOR SOCIAL DEVELOPMENT’ (11th -25th SEPTEMBER 2019) UNDER PMMMNMTT at FDC Tripura University.**

(2015)

14. **THREE WEEKS SPECIAL WINTER SCHOOL (equivalent to OC/RC) (26th OCT -15th NOV 2015) at UGC HRDC NEHU, SHILLONG. (GRADE ‘A’)**

15. **TWO WEEKS ISTE STTP ON ENVIRONMENTAL STUDIES UNDER THE NATIONAL MISSION FOR EDUCATION THROUGH ICT (MHRD. Govt. of India) (2nd -12th JUNE 2015) CONDUCTED BY IIT BOMBAY.**

PARTICIPATION IN WORKSHOPS:

1. **Three days of training** on ‘Conflict Resolution in Workplace (12th -14th Sept 2022) at State Institute of Public Administration and Rural Development (**SIPARD**), Govt. of Tripura, Agartala.
2. **Five days of training** on ‘Evaluation of Training (7th -11th March 2022) at State Institute of Public Administration and Rural Development (**SIPARD**), Govt. of Tripura, Agartala.
3. **SIX DAYS NATIONAL WORKSHOP ON “Enhancing Digital Competencies of Teacher Educators, Teachers and Parents of School Students”** By Centre for Pre-Service Teacher Education (**PMMMNMTT**), School of Education, NEHU, Shillong, With Department of Education, NEHU, TURA AND ST ANTHONY’S COLLEGE SHILLONG, MEGHALAYA (22nd – 27th June, 2020).

PAPERS PRESENTED IN CONFERENCE/PROCEEDINGS/SEMINARS:

1. One Day International Seminar (Nov 2022) on “Emerging Trends in Biological Sciences” paper presentation on “Studies on soil physical profiling of naturally infected and non-infected Agar plantations in Tripura” held at Suri Vidyasagar College, Birbhum, West Bengal, India.

2. Presented a paper on “**Rubber Tree Seed Utilization Status in South Tripura District-A pilot Study**” at a three-day National Conference, held at Tripura University (10th -12th October, 2023).
3. Presented a paper on “**Exploring the Variations in Oleic Acid Content of Pre-treated Rubber Seed Oils and Their Comparison with Commercially Available Edible Oils**” at the 3rd Biotic Congress & International Conference on Advancement in Plant Health Research (SBER, held on 7th - 8th Dec 2023)
4. **B. Abhijit** and B. Madhumita (2015): Presented an abstract on “Morphological analysis of M1 plants obtained after interspecific hybridization with irradiated pollen in mulberry (*Morus indica* L.)”. National seminar on “Biodiversity for sustainable development” held at Tripura University on 25-26th May, 2015.
5. **B. Abhijit** and B. Madhumita (2015): Presented an abstract on “Influence of pollen irradiation on pollen viability and pollen germination *in vitro* and *in situ* in *Morus indica* L.” National seminar on “Contemporary Research in Frontal Areas of Plant Science (CRFAPS) held at the Department of Botany, Tripura University on 17-18th March 2015.
6. **B. Madhumita** and B. Abhijit (2015): Presented an abstract on “Effect of Pollen irradiation on Mulberry for high yielding variety”. National Seminar on “Biodiversity of North-east Indian hotspot: Science and Society Perspective” held at the Department of Zoology, Holy Cross College on 07-08th February.

WEBINAR/SEMINAR CONDUCTED

1. Organised Two Days State Level Seminar, Quiz and debate competition entitled “**Scope of Organic Farming in Contemporary Agriculture**” at Swami Vivekananda Mahavidyalaya, Mohanpur, Tripura, from 1-2 September 2023: in association with ISCA, Dharmanagar Chapter, Tripura,
2. Organised a National webinar titled “**Emerging job trends in basic sciences**” on 8th Aug 2021 at Swami Vivekananda Mahavidyalaya, Mohanpur, Tripura.
3. Organised an invited seminar on “**Careers opportunities in defence services**” on 23rd December 2021.

ACADEMIC/ADMINISTRATIVE POSITION HELD:

- ❖ Currently Working as Principal(I/C) & H.O.O at GDC Teliamura (Since 06/05/2026)
- ❖ Working as an Associate Professor in the Department of Botany since 21/04/2022
- ❖ Worked as an Assistant Professor in the Department of Botany from 21/04/2008 to 20/04/2022
- ❖ Worked as Head of the Department. at SVM Mohanpur (Aug 2014- May 2026)
- ❖ Working as a **Member of the Board of Undergraduate Studies (BUGS)** of Tripura University.
- ❖ Working as a **Member** of the **TEACHERS' RECRUITMENT BOARD OF TRIPURA (TRBT)** since 03rd May 2025.
- ❖ Working as the **Controller of Examinations** at the **FIRE RECRUITMENT BOARD TRIPURA (FRBT)** since 03rd September 2025.
- ❖ Selected as a **Member of the Scientific Advisory Committee** of the Regional Research Institute of Homeopathy, RRI(H)}
- ❖ Worked as **District Level Master Trainer** for Parliamentary / Legislative Council Elections (2018-2026)
- ❖ Worked as the **Coordinator** of the NAAC Committee (at SVM Mohanpur, 2018-2026).
- ❖ Worked as the **Convenor**, Academic Committee (Aug 2014- May 2026)
- ❖ Worked as the **Convenor**, Anti-Ragging & Disciplinary Committee. (at SVM Mohanpur, 2018-2026).
- ❖ Worked as a **Member**, Anti-Sexual Harassment Committee. (at SVM Mohanpur, 2018-2026).
- ❖ Worked as a **Member**, College Website management & social media related activities Committee (at SVM Mohanpur, 2018-2026).
- ❖ Worked as a **Member**, Placement & Skill Enhancement Committee. (at SVM Mohanpur, 2018-2026).
- ❖ Worked as a **Member**, IQAC. (at SVM Mohanpur, 2018-2026).
- ❖ Worked as a **Moderator & Head Examiner** at Tripura University.
- ❖ Worked as a **Paper Setter** for Tripura University.
- ❖ Working as a **Head Examiner** of Biology (H.S.+2) at Tripura Board of Secondary Education (TBSE).

EXPERIENCE AS REVIEWER (Completed 10 reviews to date)

1. Worked as a Reviewer for the “**Journal of Pharmaceutical Analysis**”. (8 reviews completed) Elsevier, Inc. (New York, US) Print ISSN: [2095-1779](#) Online ISSN: 2214-0883

2. Worked as a Reviewer for “**VEGETOS: An International Journal of Plant Research & Biotechnology**” published by **Springer Nature** Singapore, Singapore. (2023) (2 reviews completed) (<https://link.springer.com/journal/42535>)