
Padmaza Talukdar

padmazatalukdar@gmail.com



Objective

Seeking for a chance to work in a work friendly, challenging environment where learning, innovation and creativity are encouraged, where my skills and knowledge can be enhanced to their maximum potential to contribute positively to the organization.

Personal Information

Name: Padmaza Talukdar
Address: House no. 04, Bishnu Rabha Path, RG Baruah Road, Assam-781005.
Date of Birth: 12.12.1994
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Education

- 2019 - present **TERI School of Advanced Studies, New Delhi.**
PhD (Exploring Polycentricism and Frugality in Biodiversity Conservation Governance in Northeast India)
- 2016 - 2018 **Forest Research Institute, Dehradun.**
M.Sc in Environment Management (79.3%)
- 2013 - 2016 **Daulat Ram College, University of Delhi.**
B.Sc (hons) Botany. (74.5%)
- 2013 **Cotton College, Guwahati. Assam Higher Secondary Education Council.**
Higher Secondary Certificate (Class 12- 84.4%)
- 2011 **St. Mary's Convent, Guwahati. Board of Secondary Education, Assam.**
High School Certificate (Class 10- 92.5%)

Academic Experience and Achievements

- A core team member of The Chemical Society, Department of Chemistry, Cotton College. –2011.
- A team member of Project Innovation under Star College Projects, University of Delhi: Worked on the topic of "control of soil pollution by the method of phytoremediation". -- 2013-2014.
- Workshops organized by the National Academy of Sciences- "The NASI award lectures". -- 2014.

- Workshop conducted by the Department of Biotechnology, Daulat Ram College, in the area of "Conservation of Medicinal Plants by Micropropagation". –2015.
- Internship on "Medical Biotechnology" under DS Kothari Center for Research and Innovation in Science Education, Miranda House, University of Delhi. –2015.
- Awarded the Anundoram Borooah Award for securing the 8th rank in class 10 boards by Education Department, Government of Assam. –2011.
- Awarded the Amul Vidya Shree Award for overall academic performance in school by the Education Department, Government of Assam. –2011.
- Exposed to fields of research and felicitated by CSIR- North East Institute of Science and Technology, Jorhat, Assam. –2011.
- Awarded the INSPIRE Scholar Award by the Department of Science and Technology, Government of India. -- 2013-2016.
- Master's thesis on "Comparative Analysis of Rainfall and Temperature Pattern Changes and the Resulting Changes in the Forest Types of North-East India", jointly under the Biodiversity and Climate Change Division, ICFRE and Forest Ecology and Climate Change Division, Forest Research Institute, Dehradun. -- 2018.
- Qualified GATE with AIR 227 in Ecology and Evolution. - 2021.
- Article on "Media and its Influence on Issues Related to Climate Change" in the book '175 Years of Media in Assam and Beyond' published by Powershift, Guwahati, Assam. - 2021.
- Research assistant- TRCFS, JNU. - August, 2021 to November, 2021.

Extra-curricular Activities

- Awarded with the best poster presentation by the Chemical Society, Cotton College as a part of International Year of Chemistry. –2011-2013.
- Worked as co-Regional Head for the NGO-The Education Tree based in Delhi during 2013-2014 and worked for various ventures related to women empowerment, service to the lesser privileged, gender sensitization, anti-drug use programmes etc.
- Actively participated in college and university-level photography events relating to nature photography.
- Worked as choreographer in certain events as part of Women Development Cell, University of Delhi. –2014-2015.
- Worked as core team member in organizing university fests. –2015.
- A core team member of NISARG, a club for environment and social awakening, Forest

Research Institute, Dehradun. –2016-2018.

- Worked as a team member in making a documentary about Forest Research Institute, Dehradun, which was presented during the 19th Commonwealth Forestry Conference, 2017.
- Participant in the Commonwealth Forestry Conference. –2017.
- Selected as an official Indian delegate as part of International Forestry Students' Association (IFSA) to attend the mid-intersessionals of the UNFCCC held in Bangkok, Thailand. -2018.
- Participated in the International Biodiversity Congress (IBC 2018), held at forest Research Institute, Dehradun. - 2018.

Key Skills and Competencies

Laboratory skills

- Cell culturing (Plant and fungal cells)
- Isolation and analysis of DNA
- Medium preparation
- Volumetric analysis
- Micrometry
- Testing of Soil and Water samples
- Measuring pollutants in air
- Use of PCR Machines
- Titration
- TLC
- Operating a colorimeter
- Nutrient analysis
- Vegetation Analysis
- Seed Viability and quality testing
- Heavy metal extraction from plants

Computer Skills

- M.S. Office (All OS).
- Photoshop.
- Video making and editing.
- Browsing scientific databases.
- ERDAS (geo-referencing, geometric rectification of satellite data, classification and area computation, digital image processing).
- Statistical Analysis (SPSS, R etc.)

Others

- Good communication - written and oral (English and Hindi).
- Excellent conceptual and analytical skills.
- Effective interpersonal skills.
- Strong work ethic.
- Exceptional research, planning and organization skills.
- Experience of working as a team, and handling pressure.
- Have leadership qualities and the ability to multitask.
- Friendly and compassionate attitude towards fellow colleagues.
- Keen interest in photography
- Sketching
- Public speaking

