

## **CURRICULUM VITAE**

**Dr. DEEPSHIKHA MORAN**  
**(M.Sc., Ph.D, SLET)**

**Address-**

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**Educational qualification:**

- Awarded PhD from Cotton University on 01/01/2024 for research work entitled **“Chemo-preventive role of *Alternanthera sessilis* (L.) extract along with *Polistes flavus* (L.) venom extract in Nicotine Derived Nitrosamine Ketone (NNK) induced carcinogenesis in murine model”**
- Completed M.Sc. from Department of Zoology, Cotton College State University, with specialization on Cell and Molecular Biology, in the year 2016.
- Completed B.Sc. from Department of Zoology, Gauhati University, in the year 2014.
- Completed Higher Secondary from Krishnaguru College of Science and Technology (AHSEC), in the year 2011.
- Completed HSLC from Kakopother Girls’ High School (SEBA), in the year 2009.

**Research works/publications/ Book chapters:**

- Published a book chapter of title “*Rhodococcus*: Tiny microbes in eco-friendly waste management and synthesis of bio-products” in “Ecology, Environment and Conservation”, ISBN: 978-81-903242-2-5.
- Research paper entitled “Ethno-Beneficial usages of *Alternanthera sessilis* L. in the Treatment of Health Ailments among the People of Upper Assam, India”; pp: 38898-38909; in Indian Journal of Natural Sciences; ISSN:0976 – 0997. (Web of Science)
- Research paper entitled “Insect Venoms and their Bioactive Components: A Novel Therapeutic Approach in Chronic Diseases and Cancer”; pp: 360-382; in Journal of cancer science and Clinical therapeutics; ISSN: 2637-5079. (Peer reviewed)
- Research paper entitled “Teratogenic Impacts of Tobacco Specific Carcinogen 4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanone (NNK) in Swiss Albino Mice Exposed

during Gestational Period”; Pp: 309-315; in Advances in Zoology and Botany; ISSN:2331-5083. (UGC Care)

- Research paper entitled “Entomophagy and ethno-therapeutic practices of insects among the Bodo community of Bodoland Territorial Region, Assam,India”; Pp: 36-48; in Indian Journal of Applied & Pure Biology; ISSN: 0970-2091. (Web of Science)
- “A study on the diversity of butterflies in selected landscapes of the Indian Institute of Technology, Guwahati campus, Assam, India”; pp: 26515 - 26534; *Journal of Threatened Taxa*; ISSN: ISSN 0974-7907 (Online); ISSN 0974-7893 (Print), (2025). (Scopus Indexed)
- Published a book chapter entitled “Studies on ethno-medicinal usages of animal body parts among indigenous people of Upper Assam”, ISBN: 978-81-955047-2-5

#### **Seminar/ Presentations:**

- National: 2 (Participated and presented)
- International: 5 (Participated and presented)

#### **Achievement:**

- First class first rank holder in M.Sc. (Gold medalist).
- Qualified SLET 2017.
- Best poster awarded in “Indo-Japan Symposium on Recent Advances in Biomedical Research-2019”; IIT Guwahati and National Institute of Advanced Industrial Science and Technology, Japan.
- Best poster awarded in “International Symposium on Biodiversity and Biobanking; BIODIVERSE-2018”; IIT Guwahati and ADNET.