

CURRICULUM VITAE

Animesh Dey, Ph. D

Assistant Professor

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PERMANENT ADDRESS:

Sankar Chowmuhani, Ramnagar Road No. 4, Agartala – 799002, West Tripura India

ACADEMIC PROFILE:

Teaching Experience	:	14 Years
Research Experience	:	12 Years
ResearchGate citations	:	232
	:	h-index, 08
	:	Research Interest Score, 185
Google Scholar citations	:	248
	:	h-index, 09
	:	i10-index, 08
Scopus Citations	:	91
	:	h-index, 05
Scopus ID	:	55596492600
Orcid ID	:	0009-0006-3401-4074
WoS Researcher ID	:	KBC – 9023-2024
Vidwan ID	:	493753
Domain of Interest	:	Ecology, Biodiversity, Animal Physiology, Biostatistics, Genetics, Tools & Techniques, Ethology, Animal Taxonomy

RESEARCH INTEREST:

- Exploration and assessment of Animal Biodiversity
- Sampling Techniques, their uses and optimization of sampling size
- Community Ecology
- Impact of agro-ecosystems on under and over-ground community structure
- Impact of Land-use types on biodiversity and community structure
- In-situ and Ex-situ earthworm technology

EDUCATIONAL DEGREES:

- Ph. D** Department of Zoology, Tripura University (A Central University), Suryamaninagar. *Thesis:* Ecological Studies on Earthworms of Pineapple (*Ananus Comosus*) Plantation with Special Reference to Their Community Characteristics (2014)
- M. Sc.** Department of Zoology, Tripura University (A Central University), Suryamaninagar; **Gold Medallist (2006).**
- B. Sc.** Department of Zoology, Maharaja Bir Bikram College, Agartala, Tripura (West); **Gold Medallist (2004)**
- H.S. (+2)** Umakanta Academy, Agartala, Tripura (**2001**)
- Secondary** Umakanta Academy, Agartala, Tripura (**1999**)

PRESENT POSITION:

Assistant Professor Department of Zoology, Faculty of Science, Tripura University (A Central University), Suryamaninagar–799022, India (February 2024-)

PROFESSIONAL EXPERIENCE:

Assistant Professor Department of Zoology, Ramkrishna Mahavidyalaya, Kailashahar, Unakoti Tripura, India; Directorate of Higher Education, Government of Tripura (December 2022 – February 2024).

Assistant Professor Department of Zoology, Holy Cross College (NAAC Grade A+), Jubatara, West Tripura, India (July 2019 – November 2022).

EXPERIENCE IN RESEARCH:

Research in MBB College: Served as Junior Research Fellow in the Earthworm Research Laboratory, Maharaja Bir Bikram College, Agartala under DST, New Delhi

Research in MBB College: Worked as Research Fellow in the Institutional Level Biotech Hub, Maharaja Bir Bikram College, Agartala under DBT, New Delhi

Research in Tripura University: Actively involved in Post-Doctoral Research in the Earthworm Research Laboratory, Tripura University (A Central University)

MEMBER OF PROFESSIONAL/ TECHNICAL COMMITTEES:

Member of Expert Committee on Animal Resource Development and Fishery, Tripura Biodiversity Board, Forest Department, Government of Tripura

PUBLICATION HIGHLIGHTS:

Book Authored:

1. **Dr. Animesh Dey** (2023) *Earthworms of the Pineapple Agro-Ecosystems of Tripura*. First Edition; ISBN: 978-93-5747-141-1 (IIP Iterative International Publishers)

Book chapters:

1. **Dey A, Chaudhuri PS** (2013) Density, diversity and distribution of earthworms in Pineapple plantation (*Ananus comosus*) plots of different ages in West Tripura, India In: *Climate Change and Biodiversity* (Eds. PK Bharti, A Chauhan), Discovery Publishing House Pvt. Ltd., New Delhi, pp 61-80.

Journal Publications:

1. **Chaudhuri PS, Paul TK, Dey A, Dutta M, Dey SK** (2016) Effects of rubber leaf litter vermicompost on earthworm population and yield of pineapple (*Ananas comosus*) in West Tripura, India, *International Journal of Recycling of Organic Waste in Agriculture* **5(2)**, 93-103 (Springer).
2. **Dey A, Chaudhuri PS** (2016) Species Richness, Community Organization, and Spatiotemporal Distribution of Earthworms in the Pineapple Agro-ecosystems of Tripura, India, *International Journal of Ecology* (Hindawi), Volume 2016, Article ID 3190182, 19 pages, <http://dx.doi.org/10.1155/2016/3190182>
3. **Dey A, Chaudhuri PS** (2014) Earthworm community structure of pineapple (*Ananus comosus*) plantations under monoculture and mixed culture in West Tripura, India *Tropical Ecology* **55(1)**, 1-17.
4. **Bhattacharjee S, Dey A, Chaudhuri PS** (2014) Growth and reproduction of *Pontoscolex corethrurus* in the mineral soils of different age groups of rubber (*Hevea brasiliensis*) plantations under laboratory conditions. *Annals of Biological Research* **5(7)** 1 – 9.
5. **Chaudhuri PS, Dey A** (2013) Earthworm communities in the Pineapple (*Ananus comosus*) and Mixed Fruit Plantations of West Tripura, India. *Proceedings of Zoological Society* **66(2)**, 105-118.
6. **Chaudhuri PS, Bhattacharjee S, Dey A, Chattopadhyay S, Bhattacharjee D** (2013) Impact of age of rubber (*Hevea brasiliensis*) plantation on earthworm communities of West Tripura (India). *Journal of Environmental Biology* **34**, 59-65.
7. **Dey A, Chaudhuri PS** (2013a) Quantifying earthworm species richness in the pineapple and mixed fruit plantations of West Tripura, India. *European Journal of Soil Biology* **59**, 31-35.
8. **Dey A, Chaudhuri PS** (2013b) Ecological studies on earthworm communities of pineapple (*Ananus comosus*) plantations in west Tripura (India). *International Journal of Advanced Bioscience* **1(2)**, 17-23.
9. **Dey A, Debnath S, Debbarma B, Chaudhuri PS** (2013c) A preliminary study on spider diversity from a house hold garden (artificial mixed plantation) in West Tripura, India. *Journal of Research in Biology* **3(5)**, 1009-1017.

10. **Dey A, Deb D, Das Chaudhuri S, Chaudhuri PS** (2013d) A preliminary study on avifaunal species diversity of Maharaja Bir Bikram college Campus, Tripura, north east India. *International Multidisciplinary Research Journal* **3(2)**, 36-43.
11. **Dey A, Nath S, Chaudhuri PS** (2012) Impact of monoculture (rubber and pineapple) practice on the community characteristics of earthworms in West Tripura (India). *NeBIO* **3(1)**, 53-58.
12. **Chaudhuri PS, Dey A, Bhattacharjee G, Nath S** (2012) Earthworm diversity in Tripura – Present status. *Science & Culture* **78(7-8)**, 343-346.
13. **Dey A, Chaudhuri PS** (2012a) Community characteristics of earthworms in different age groups of pineapple plantations (*Ananus comosus*) in West Tripura, India. *Asian and Australasian Journal of Plant Science and Biotechnology* **6 (1)**, 67-75.
14. **Dey A, Chaudhuri PS** (2012b) Community analysis of Earthworms in two different age groups of Pineapple plantation in West Tripura, India. *NeBIO* **3(3)**, 54-60.

Conference Proceedings:

1. **Dey A, Chaudhuri PS** (2014) Application of species accumulation curves, non-parametric richness estimators and rarefaction curves for sampling optimization, quantification and comparison of earthworm species richness in the pineapple and mixed fruit plantations of West Tripura. In: *Biology and Ecology of Tropical Earthworms* (Eds. PS Chaudhuri, SM Singh), Discovery Publishing House Pvt. Ltd., New Delhi. pp. 108-124.

SEMINAR AND SYMPOSIUM:

1. National Conference on “Higher Education and Research: Towards a Transformative and Sustainable Society”, **Tripura University (A Central University), Suryamaninagar, Tripura, India (2023)**.
2. Workshop on “Indigenous Knowledge System and Practices of Tribal Communities of Tripura”, **Holy Cross College, Agartala (2021)**.
3. Fourth Student’s Project Programme, **Tripura State Council for Science & Technology (2021)**.
4. 3rd International Conference on “BIORESOURCE & STRESS MANAGEMENT”, **SBSM – ICAR, Jaipur, Rajasthan (2017)**.
5. A Two Day Workshop on “Collection, Analysis & Interpretation of Biological Data”, **IBT Hub, Women’s College (2017)**.
6. Workshop on “Capacity building in grant writing skills and effective management of Intellectual Property Rights (IPR)”, **Biotech Consortium India Limited (BCIL), New Delhi (2017)**.
7. Second Student’s Project Programme on “Challenges of Climate Change”, **Tripura State Council for Science & Technology (2017)**.
8. Workshop on Applied Chemical Zoology, **Department of Zoology, Tripura University (2015)**.
9. National Seminar on “Biodiversity for Sustainable Development”, **Department of Botany, Tripura University (2015)**.

10. Workshop on Fundamental Tools and Techniques in Bioinformatics, **Bioinformatics Centre, Tripura University (2014).**
11. Workshop on Cell and Molecular Biology, **State Biotech Hub, Tripura University (2014).**
12. 10th National Symposium on Soil Biology and Ecology, **GKVK, Bangalore (2013).**
13. Workshop on Application of Statistics in Life Sciences, **The Zoological Society, Kolkata, IAPQR and University of Calcutta (2013).**
14. National Seminar on Water and Biodiversity, **Tripura University (2013).**
15. Workshop on Enhancing Institutional Innovation with Intellectual Property Rights, **Tripura University (2013).**
16. Third National Symposium on Earthworm Ecology and Environment (NSEEE 3), **Tripura University (2012).**
17. Symposium on Integrated Approach for Teaching and Research in Life Sciences, **Tripura University (2012).**
18. International Conference on Global Ecosystems, Biodiversity and Environmental Sustainability in the 21st Century, **Assam University, Silchar (2012).**
19. National Seminar on Faunal Diversity and Eco-Physiology, **NEHU, Shillong (2012).**
20. Tripura Science Congress (**2011**).
21. International Workshop on Biodiversity and Climate Change, **IIT Kharagpur (2010).**
22. II National Symposium on Earthworm Ecology and Environment & IX National Symposium on Soil Biology and Ecology, **Visva Bharati University (2009).**
23. Workshop on Capacity Building in Rural Development, **Tripura University (2005).**
24. 12th National Children's Science Congress (**2004**).

KEY RESPONSIBILITIES HANDLED:

1. Member of Expert Committee on Animal Resource Development Department and Fishery Department, by Tripura Biodiversity Board.

PERSONAL:

<i>Date of Birth:</i>	06 th September, 1983
<i>Place of Birth:</i>	Agartala, Tripura, India
<i>Languages Known:</i>	English, Hindi, and Bengali