

CURRICULUM VITAE

Animesh Dey, Ph. D

Assistant Professor
Ecology and Biodiversity Laboratory
Department of Zoology
Faculty of Science
Tripura University (A Central University)
Suryamaninagar, Tripura – 799022, India
Mobile: +919863052594
Email: animeshdey@tripurauniv.ac.in
drdeyanimesh@gmail.com



<https://scholar.google.com/citations?user=KOItaAMAAAJ&hl=en>
<https://www.researchgate.net/profile/Dr-Dey-4>

PERMANENT ADDRESS:

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

ACADEMIC PROFILE:

Teaching Experience	:	06 Years
Research Experience	:	13 Years
ResearchGate citations	:	269
	:	h – index, 09
	:	Research Interest Score, 229.1
Google Scholar citations	:	288
	:	h – index, 09
	:	i10 – index, 09
Scopus Citations	:	107
	:	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 (<i>Ananus Comosus</i>) 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)

TRAINING:

Faculty Induction Programme: Completed Four Weeks Online Faculty Induction Programme “Guru-Dakshata” under Malaviya Mission Teacher Training Centre (MMTTC) of University Grants Commission (UGC) organized by

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** (2025) *Ecology of Earthworms in Tropical Agroecosystems: Insights from Pineapple Plantations of Tripura, North-East India*. First Edition; ISBN: 978-81-991363-1-1 (BP International)
2. **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** (2025) An Optimised Method to Obtain Total RNA from Juvenile Earthworm (*Perionyx excavatus*) Tissue. In: *Advances in Animal Sciences*, Volume: 01 (Eds. Patil SJ, Tamizhazhagan V, Alejos MS, Mohan Kumar BS), Cornous Publications LLP, Puducherry, India, pp. 48-54.
2. **Dey A, Chaudhuri PS** (2024) Impact of Rubber Leaf Litter Vermicompost on Earthworm Population and Pineapple (*Ananas comosus*) Productivity in West Tripura, India. In: *Research Advances and Challenges in Agricultural Sciences*, Volume: 09 (Ed. Muhammad Shehzad), BP International, London, UK, pp 01-19.
3. **Dey A, Chaudhuri PS** (2013) Density, diversity and distribution of earthworms in Pineapple plantation (*Ananas 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. **Dey A, Das D** (2025) Odonata diversity as a bioindicator of habitat quality in an urban landscape: Insights from Tripura University Campus, Northeast India. *Acta Entomology and Zoology*, **6(2)**, 157 – 165.
2. Narayanan SP, Paliwal R, Kurien VT, Nath S, **Dey A**, Nandy S, Kar P, Goldar S, Thomas AP, Julka JM (2025) Description of two new *Kanchuria* Julka, 1988 (Clitellata: Megascolecidae) species of earthworms from Tripura State, North-eastern India. *ZOOTAXA*, **5647(2)**, 101-116.
3. Chaudhuri PS, **Dey A** (2025) Copulatory behaviour, copulation process and cocoon biology in Earthworms –A review. *Journal of Environmental. Biology*, **46(2)**, 153-166
4. 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).

5. **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>
6. **Dey A**, Chaudhuri PS (2014) Earthworm community structure of pineapple (*Ananas comosus*) plantations under monoculture and mixed culture in West Tripura, India *Tropical Ecology* **55**(1), 1-17.
7. 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.
8. Chaudhuri PS, **Dey A** (2013) Earthworm communities in the Pineapple (*Ananas comosus*) and Mixed Fruit Plantations of West Tripura, India. *Proceedings of Zoological Society* **66**(2), 105-118.
9. 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.
10. **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.
11. **Dey A**, Chaudhuri PS (2013b) Ecological studies on earthworm communities of pineapple (*Ananas comosus*) plantations in west Tripura (India). *International Journal of Advanced Bioscience* **1**(2), 17-23.
12. **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.
13. **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.
14. **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.
15. Chaudhuri PS, **Dey A**, Bhattacharjee G, Nath S (2012) Earthworm diversity in Tripura – Present status. *Science & Culture* **78**(7-8), 343-346.
16. **Dey A**, Chaudhuri PS (2012a) Community characteristics of earthworms in different age groups of pineapple plantations (*Ananas comosus*) in West Tripura, India. *Asian and Australasian Journal of Plant Science and Biotechnology* **6** (1), 67-75.
17. **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.

RESOURCE PERSON/ INVITED TALK:

1. As Resource Person in the Seminar on the Celebration of **International Day for Biological Diversity 2025** Organised by Tripura Biodiversity Board (TBB) (May 22, 2025).
2. As Resource Person in the **Three Day's (27–29 November, 2024) Workshop on “Wings of Inquiry: A Beginner’s Guide to Butterfly Research Methodology”** organized by Department of Zoology, IQAC, Biotech Club, Holy Cross College (NAAC A+); Sponsored By: Directorate of Biotechnology, Govt. of Tripura.
3. As Resource Person in the Celebration of **International Day of Biodiversity 2024** Organized by The Internal Quality Assurance Cell (IQAC) in Collaboration with Research & Development Cell, Women’s College, Agartala; Sponsored By: Tripura Biodiversity Board (TBB) (November 8, 2024).
4. As Resource Person in **A Two-Day Workshop on ‘Collection, Analysis & Interpretation of Biological Data’**; Organized by Institutional Level Biotech Hub, Women’s College, In Collaboration with Institutional Level Biotech Hub, Maharaja Bir Bikram College, Agartala (March 23-24, 2017).

SEMINAR AND SYMPOSIUM:

1. 7th International Conference on “Advances in Agriculture Technology and Allied Sciences (ICAATAS 2024)”, **Society of Agriculture Research & Social Development (New Delhi), School of Agriculture & Allied Science, Neotia University, WB and Southern Federal University, Rostov-on-Don, Russia (2024).**
2. International Conference on “Climate Change and Environmental Sustainability in Mountainous and Hilly Landscapes”, **Assam University (Silchar), Bharat Vikas Parishad (North East) & NIHE, Kosi-Katarmal, India (2024).**
3. National Conference on “Higher Education and Research: Towards a Transformative and Sustainable Society”, **Tripura University (A Central University), Suryamaninagar, Tripura, India (2023).**
4. Workshop on “Indigenous Knowledge System and Practices of Tribal Communities of Tripura”, **Holy Cross College, Agartala (2021).**
5. Fourth Student’s Project Programme, **Tripura State Council for Science & Technology (2021).**
6. 3rd International Conference on “BIORESOURCE & STRESS MANAGEMENT”, **SBSM – ICAR, Jaipur, Rajasthan (2017).**
7. A Two-Day Workshop on “Collection, Analysis & Interpretation of Biological Data”, **IBT Hub, Women’s College (2017).**

8. Workshop on “Capacity building in grant writing skills and effective management of Intellectual Property Rights (IPR)”, **Biotech Consortium India Limited (BCIL), New Delhi (2017).**
9. Second Student’s Project Programme on “Challenges of Climate Change”, **Tripura State Council for Science & Technology (2017).**
10. Workshop on Applied Chemical Zoology, **Department of Zoology, Tripura University (2015).**
11. National Seminar on “Biodiversity for Sustainable Development”, **Department of Botany, Tripura University (2015).**
12. Workshop on Fundamental Tools and Techniques in Bioinformatics, **Bioinformatics Centre, Tripura University (2014).**
13. Workshop on Cell and Molecular Biology, **State Biotech Hub, Tripura University (2014).**
14. 10th National Symposium on Soil Biology and Ecology, **GKVK, Bangalore (2013).**
15. Workshop on Application of Statistics in Life Sciences, **The Zoological Society, Kolkata, IAPQR and University of Calcutta (2013).**
16. National Seminar on Water and Biodiversity, **Tripura University (2013).**
17. Workshop on Enhancing Institutional Innovation with Intellectual Property Rights, **Tripura University (2013).**
18. Third National Symposium on Earthworm Ecology and Environment (NSEEE 3), **Tripura University (2012).**
19. Symposium on Integrated Approach for Teaching and Research in Life Sciences, **Tripura University (2012).**
20. International Conference on Global Ecosystems, Biodiversity and Environmental Sustainability in the 21st Century, **Assam University, Silchar (2012).**
21. National Seminar on Faunal Diversity and Eco-Physiology, **NEHU, Shillong (2012).**
22. Tripura Science Congress (**2011**).
23. International Workshop on Biodiversity and Climate Change, **IIT Kharagpur (2010).**
24. II National Symposium on Earthworm Ecology and Environment & IX National Symposium on Soil Biology and Ecology, **Visva Bharati University (2009).**
25. Workshop on Capacity Building in Rural Development, **Tripura University (2005).**
26. 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

Date: The 31st August, 2025

Place: Suryamaninagar, West Tripura