

NIPU KUMAR DAS

Email(s): nipu.das@atree.org / nipukdkcc@gmail.com/ nipukumar229@gmail.com

Website(s): [ATREE](#) / [KCC](#) / [Personal](#)

Orcid ID: <https://orcid.org/0000-0002-3436-3104>

Mobile(+91): 8723862696

RESEARCH INTERESTS

Malacology (Non-marine), Taxonomy and Systematics, Evolutionary Biology, Biogeography, Ecology, Wildlife Biology

EDUCATION

- 2020 – Present **Ashoka Trust for Research in Ecology and the Environment (ATREE)** – Bengaluru, Karnataka; **Manipal Academy of Higher Education (MAHE)** – Manipal, Karnataka
PhD in Conservation Science and Sustainability Studies; *Thesis Title: Systematics of the select land snail genera of the Indian region*
- 2016 – 2018 **National Institute of Technology (NIT)** – Rourkela, Odisha
M.Sc. in Life Sciences (Zoology); *CGPA: 8.57*
- 2013 – 2016 **Gauhati University** – Guwahati, Assam
B.Sc. in Zoology, minor in Botany and Chemistry; *CGPA: 8.4*
- 2010 – 2012 **Pub Kamrup College** – Baihata Chariali, Assam
12th in Science, *Percentage: 77*
- 2010 **Gashbari High School** – Gashbari, Assam
10th, *Percentage: 79*

PROFESSIONAL EXPERIENCE

- September 2022– Present **Assistant Professor** (*tenured*)
Kamrup College, Chamata (KCC), Nalbari, Assam, India

RESEARCH EXPERIENCE

- July 2018 – January 2022 **Bioresources and sustainable livelihoods in Northeast India**
Mentor: NA Aravind (ATREE Bengaluru).
Position: Junior Research Fellow (2018-20), Senior Research Fellow (2020-2022).
(DBT India funded project) *My major work involves the systematics of terrestrial molluscs, and the documentation of freshwater molluscan bioresources*
- July 2017 – May 2018 **Screening of tea industrial wastes and polysaccharides as adsorbents for dye removal**
(M.Sc. Thesis) Mentor: Dr. Rasu Jayabalan (NIT Rourkela)
Position: Master's student
- June – July 2015 **Development of botanical based biopesticidal formulations (WDG and ME) for controlling Fusarium wilt in tomatoes**
(Short term project) Mentors: Prof. Satyawati Sharma (IIT Delhi); Dr. Abhishek Sharma (IIT Delhi).
Position: Summer Research Intern

PUBLICATIONS

- 2022 [Redescription and range extension of two carnivorous micro-snail species of the genus Sinoennea \(Gastropoda: Streptaxoidea: Diapheridae\) from Northeast India](#)
Das, N.K., B. Pall-Gergely, N.A. Aravind
Journal of Conchology, 44(4): 397-405
- 2021 [Redescription of *Acmella tersa* \(Benson 1853\) \(Gastropoda: Assiminiidae\) from Mawsmai Cave, Meghalaya](#)
Das, N.K., B. Pall-Gergely, F. Naggs, R.C. Preece, T.S. White, N.A. Aravind
Molluscan Research, doi: 10.1080/13235818.2021.1991255
- 2021 [A new species from the genus *Georissa* Blanford, 1864 \(Gastropoda, Neritimorpha, Hydrocenidae\) from a limestone cave of Meghalaya, Northeast India](#)
Das, N.K. and Aravind, N.A.
Journal of Conchology, 44(2): 93-101
- 2021 [A new species of land snail from the genus *Diplommatina* Benson, 1849 \(Gastropoda, Caenogastropoda, Diplommatinidae\) from Sikkim Himalaya, North East India](#)
Das, N.K. and Aravind, N.A.
Molluscan Research, doi- <https://doi.org/10.1080/13235818.2021.1970352>
- 2020 **Bibliometric analysis on Indian non-marine molluscan research**
Das, N.K. and Aravind, N.A.
The Malacologist, Bulletin of The Malacological Society of London 76: 12 (ISSN 1759-1406)
- 2020 [Edible freshwater molluscs from Northeast India](#)
Jadhav, A., Das, N.K. and Aravind, N.A.
Tentacle, 28: 3-4. (ISSN 0958-5079)
- 2015 **Effects of transfluthrin in olfactory memory of swiss albino mice using Buried Food Test**
Das, N.K., Kakati, H., Kalita, P., and Barthakur, M.
In: Proceedings of national seminar on Molecular Biology and Biotechnology Research in North East India, pp 238-244 (ISBN: 978-81-93152-50-8)

PAPER PRESENTATIONS

- 19-21st July 2021 **"Terrestrial microsnails diversity from a limestone cave: A case study of Mawsmai cave, Meghalaya"**
Poster presentation at National seminars on 'Life and Life Processes: Interdisciplinary Approach for Sustainable Development', organized by Department of Zoology, Goa University.
- 19th November 2020 **"Bibliometric analysis on Indian non-marine molluscan research"**
Quick-fire talk at Molluscan Forum 2020, organized by The Malacological Society of London and The Natural History Museum, London.

- 19-21st August 2015 **"Effects of transfluthrin in olfactory memory of swiss albino mice using Buried Food Test"**
Oral presentation at a UGC sponsored National Seminar on 'Molecular Biology and Biotechnology Research in NE India (MBBRNEI, 2015), organized by Pub Kamrup College, Baihata Chariali, Assam, India
- 3-5th December 2014 **"Memory status of seizure-induced animal model measured by Morris Water Maze test for hippocampal degeneration"**
Poster presentation at International Conference on Disease Biology and Therapeutics (ICDBT 2014), organized by Institute of Advanced Study in Science and Technology (IASST), Guwahati, Assam, India

Invited Talk/Popular Talk

- 20th October 2022 **"Edible snails of Northeast India: Diversity, Importance and Farming Opportunities"**
Invited general public talk as Resource person
Research, Innovation and Extension Cell, and IQAC, Swahid Smriti Mahavidyalaya, Belsor, Assam

PARTICIPATION IN TRAINING, WORKSHOP, SEMINARS AND/OR CONFERENCES (SELECTED)

- 5-9th September 2021 **"EUROMAL 2021" - the 9th European Congress of Malacological Societies**
- 22nd June 2021 **Conference on "Marine Molluscs at Work: An online one-day Symposium on Molluscs in Fisheries and Aquaculture"**
The Malacological Society of Australasia.
- 4th November 2020 **Webinar on "Impact of Invasive Alien Species on Biodiversity Conservation"**
Zoological Survey of India (ZSI), Southern Regional Centre, Chennai.
- 28-30th September 2020 **Three-day online workshop on "Basics of nature photography"**
ATREE Bangalore, Karnataka
- 17-19th August 2020 **Online workshop on "Use of IBIN database in Teaching, Education, Research and Conservation"**
School of Ecology and Conservation, University of Agricultural Sciences, Bangalore, Karnataka
- 7th August 2020 **AWSAR (Augmenting Writing Skills for Articulating Research) Webinar on "Popular Science Writing"**
Department of Science and Technology (DST), Government of India and Vigan Prasar
- 22-28th June 2020 **Science Academies' Science Leadership Workshop (SLW), India's first Science Leadership Program"**
Central University of Punjab, Bathinda, India
- 11-15th March 2019 **Workshop on "Molecular Taxonomy"**
ATREE Bangalore and Institute of Life Sciences (ILS) Bhubaneswar, at ILS, Bhubaneswar, Odisha, India
- 12-14th December 2018 **Workshop on "Open Data Kit (ODK) for Field Researchers"**
The Academy for Conservation Science and Sustainability Studies, ATREE, Bangalore, Karnataka, India

- 26-29th July 2018 **Workshop on “Quantitative Assessment and Mapping of Plant and Selected Animal Taxa and Biological Resources of Northeast India”**
ATREE (Ashoka Trust for Research in Ecology and the Environment) and IBSD (Institute of Bioresources and Sustainable development), at IBSD, Imphal, Manipur, India
- 23rd August 2017 **Workshop on “Elsevier Author Workshop and eBook awareness Program 2017 - NIT Rourkela”**
Elsevier in association with National Institute of Technology, Rourkela, Odisha, India
- 2-6th May 2017 **Hands-on training on “Mammalian Cell Culture, Oocyte Manipulation and In-Vitro Fertilization”**
Advanced State Biotech Hub (Assam), C.V.Sc., A.A.U., Khanapara, Guwahati, Assam, India
- 10th October, 2015 **3rd IASST colloquium**
Institute of Advanced Study in Science and Technology (IASST), Guwahati, Assam, India
- 19-21st August 2015 **National Seminar on “Molecular Biology and Biotechnology Research in NE India (MBBRNEI, 2015)”**
Pub Kamrup College, Kamrup, Assam, India
- 3-5th December 2014 **International Conference on Disease Biology and Therapeutics (ICDBT, 2014)**
Institute of Advanced Study in Science and Technology (IASST), Guwahati, Assam, India

FACULTY INDUCTION PROGRAM (FIP) / FACULTY DEVELOPMENT PROGRAM (FDP)/ OTHER COURSES

- 1-28th February 2023 **12th Online One Month Faculty Induction Programme (FIP)**
UGC-HRDC, Jamia Millia Islamia, New Delhi
Grade- A
- 7-11th November 2022 **One Week Faculty Development Programme (FDP) On Research Methodology and Academic Publication**
Department of Education and Department of Economics In collaboration with IQAC, Kamrup College, Chamata, Assam

RESEARCH GRANT(S) RECEIVED

- 2022 – 2023 **Early-Career Research Award**
Malacological Society of London (MSL); UK (£1,500)

ACHIEVEMENTS

- 2018 Graduate Aptitude Test in Engineering (GATE) (Organized by Indian Institute of Technology Guwahati)
Subject: Life Sciences; All India Rank (AIR) 1488.
- 2017 Joint CSIR-UGC NET (Organized by Council of Scientific and Industrial Research, India)
Subject: Life Science; Lectureship (December 2017); All India Rank (AIR) 79

- 2017 National Level Agar Art Contest (AGAROSH -INDIA'S FIRST AGAR ART CONTEST) (Organized by the Faculty of Microbiology and Biochemistry, Department of Zoology; St. Berchmans College, Changanassery, Kerala, India)
First Prize
- 2016 IIT-Joint Admission test for M.Sc. (JAM) (Organized by Indian Institute of Technology Madras)
Subject: Biological Sciences; All India Rank (AIR) 482
- 2016 Quiz Competition in Brain Awareness Week (Organized by Pub Kamrup College, Bihata Chariali, Assam, India)
Second Prize

PROFESSIONAL MEMBERSHIPS

- 2022 – present Student membership at **the Malacological Society of Australasia (MSA)**
- 2020 – 2021 Student membership at **the Association for Tropical Biology and Conservation (ATBC)**

TECHNICAL SKILLS

Animal handling: Mice model, Molluscs (non-marine)

Laboratory techniques: DNA extraction, PCR, Gel electrophoresis, Microscopy

Software: R studio, Latex, Past, ODK Tools, QGIS, MS-Office, Phylogenetics tools (eg., MEGA, BLAST)

Languages: Assamese, Hindi, and English

OTHER INTERESTS

As a person with a wide range of interests, I have a great passion for sports, including **badminton, cricket, chess, carom, football, and table tennis**. Both as a player and spectator, I find sports to be an excellent way to stay active and engaged. **Teaching** is another interest that is close to my heart. I enjoy sharing my knowledge and expertise with others, and I find great satisfaction in helping others learn and grow. Exploring new places and experiencing different cultures is also a significant passion of mine. Additionally, I have a particular fascination with **collecting molluscs and naming them**. This hobby reflects my curiosity and attention to detail, as well as my interest in the natural world. Together, my diverse interests reflect my desire for constant learning, growth, and exploration.