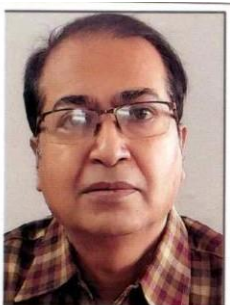


## PROF. PRIYASANKAR CHAUDHURI (RETD. ON 31.12.2021)



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<b>Area of Interest:</b>	Endocrinology, Reproductive Physiology, Invertebrate Neuroendocrinology, Soil Zoology, Evolution, Animal Physiology, Functional anatomy of Chordates

### PUBLICATIONS (YEAR-WISE):

1. Animesh Dey and **P. S. Chaudhuri** (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, ISBN: 978-81-973514-5-7 pp 01-19.
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3. **P. S. Chaudhuri** (2023) Basic Histological Techniques (MicroTechniques) for Staining of Animal Tissue. Uttar Pradesh Journal of Zoology, **44**, 225-230.
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5. **P. S. Chaudhuri** (2022) Neurosecretion in oligochaetes - a less studied subject in invertebrate research. Uttar Pradesh Journal of Zoology **43**(6), 11-18.
6. **P. S. Chaudhuri** and Ruma Datta (2021) Neuroendocrine control of cocoon

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15. **P. S. Chaudhuri** and Susmita Debnath (2020) Growth and reproductive biology of earthworms in Organic waste Breakdown Under the Indian Conditions. In: Sartaj Ahmad Bhat, Adarsh Pal Vig, Fusheng Li and Balasubramani Ravindran Editors: Earthworm Assisted Remediation of Effluents and Wastes, Springer Nature, ISBN: 978-981-15- 4522-1: pp 179-193.
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108. D.K. Nanda and **P. S. Chaudhuri** (1988) Effects of thermal stress on the ventral nerve cord neurosecretory system of tropical earthworm, *Metaphire peguana*. J. Curr. Biosci. 5, 67-71.
109. **P. S. Chaudhuri** and D.K. Nanda (1985) Effects of salt water submergence on the ventral nerve cord-neurosecretory system of earthworm, *Metaphire peguana*. Proc. 1st Nat. Symp. Comp. End. Inver. pp. 1-4.
110. D.K. Nanda, **P. S. Chaudhuri** and A.K. Bej (1984) Effects of desiccation on the ventral nerve cord-neurosecretory system of tropical earthworm, *Metaphire peguana*. Proc. Indian Acad. Sci. (Anim. Sci.) 93, 43-47.
111. D.K. Nanda and **P. S. Chaudhuri** (1983) Regeneration of the neurosecretory system of the nerve ring earthworm *Metaphire peguana*. Acta Biologica Cracoviensia 25, 63-67.
112. D.K. Nanda, L.K. Bhaumik and **P. S. Chaudhuri** (1984) Histological study of neurosecretion in the larval brain of *Anomis sabulifera*. J. Zool. Soc. India 36, 107-116.
113. **P. S. Chaudhuri** and D.K. Nanda (1982) The effects of starvation on the ventral nerve cord neurosecretory system of earthworm. *Metaphire peguana*. Acta Biologica Cracoviensia 26, 51-55.
114. D. K. Nanda and **P. S. Chaudhuri** (1982) The effect of cephalic trans-section on the micromorphological changes in the ventral nerve cord-neurosecretory system of earthworm, *Metaphire peguana* during anterior regeneration. Proc. Indian Acad. Sci. (Anim. Sci.) 91, 381-389.
115. D. K. Nanda and **P. S. Chaudhuri** (1982) Studies on the cytomorphology of the ventral nerve cord of the earthworm, *Pheretima posthuma* with special reference of neurosecretion. J. Zool. Soc. India, 34, 36-45.

#### SEMINAR/CONFERENCE/WORKSHOP/REFRESHER/ORIENTATIONS ETC. PARTICIPATED:

##### A. PAPERS PRESENTED ABROAD:

- Participated and acted as the moderator and Keynote speaker at the 10<sup>th</sup> International Conference on Agriculture & Horticulture during 2-4 October 2017 in London, UK.
- Participated as Invited Speaker in the Organic Farming Congress on 3<sup>rd</sup> October 2017 in London, UK.
- Presented paper (Invited talk) at the second International Symposium on Biological and Agricultural Sciences, Shanghai, China, 22<sup>nd</sup> -26<sup>th</sup> July 2016
- Presented paper at the 7<sup>th</sup> International Symposium on Earthworm Ecology, Cardiff, Wales, 2002

- Presented paper at the 6th International Symposium on Earthworm Ecology, Vigo, Spain, 1998
- Presented paper in the 4th International Symposium on Earthworm Ecology, Avignon, France, 1990

**B. PAPERS PRESENTED IN INDIA:**

- Presented Keynote speech at the International Conference on Water, Energy, and Biodiversity for Sustainable Development (December 12-14, 2020) organized by the Institution of Engineers (India), Agartala, Tripura.
- Participated in the INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN ANIMAL SCIENCES (ICRAAS-2019, 6th-8th November) and delivered a plenary lecture and also served as Chairperson in the conference held at PACHUNGA UNIVERSITY COLLEGE, AIZAWL.
- Participated as a speaker in the International Conference (INTZOOCONF 2018) in Zoology, Calcutta University during 1<sup>st</sup> - 3<sup>rd</sup> February 2018.
- Delivered Lead Lecture at the 3rd International Conference on Bioresource and Stress Management (8-11<sup>th</sup> November 2017), at Jaipur, Rajasthan.
- Participated (as Chairperson in a session, oral presentation) in the International Conference on Waste Management (Recycle, April 1 & 2, 2016) by the Department of Civil Engineering, IIT (Guwahati), Assam.
- Symposium on Integrative Physiology & Comparative Endocrinology along with Brain-Storming session on Geno-Eco-Neuro-endocrinology (Invited Lecture), Department of Zoology, BHU, Varanasi (12<sup>th</sup> -14<sup>th</sup> February) 2016.
- National Seminar on Natural Resources, Diversity and Sustainable Development, North Bengal University (11-12 December, 2015) (Lead Lecture).
- Tropical Ecology Congress 10-12 December, 2014, School of Environmental Science, JNU, New Delhi.
- National Seminar on “Water & Biodiversity”, (2013), Department of Botany, Tripura University.
- International Conference on Global Ecosystem, Biodiversity & Environmental Sustainability in the 21st Century, 2012.
- National Seminar on Fauna Diversity and Ecophysiology, (2012), Department of Zoology, North Eastern Hill University, Shillong, Meghalaya.
- The Third National Symposium on Earthworm Ecology and Environment (2012), Department of Zoology, Tripura University.
- Tripura Science Congress (2011), Tripura State Council for Science & Technology, Govt. of Tripura.

- UGC sponsored National Level Seminar on “Recent Trends in Zoology”. Netaji Nagar College for Women & Surendranath College, Kolkata, 2011.
- National Seminar on Scope & Recent Development of Natural Product (2010), Iswar Chandra Vidyasagar College, Belonia, South Tripura.
- National Seminar IGNOU, 2009.
- XX Annual conference, the Physiological Society of India, 2008.
- 1st National Symposium on Earthworm Ecology, Bareilly, 2007.
- 18<sup>th</sup> All India Congress of Zoology, Lucknow, 2007.
- National symposium in the Department of Chemistry, Tripura University, 2004.
- Indian Society of Soil Biology & Ecology, Bangalore, 2001.
- 3<sup>rd</sup> IFOAM - ASIA conference, Bangalore, 1997.

#### **MEMBERSHIP/POSITIONS IN LEARNED ACADEMIC BODIES/ORGANIZATIONS:**

- National Symposium on Zoological Research in Relation to Man and Environment, Zoological Society, Calcutta University.
- Life member, Zoological Society, Kolkata.
- Life Member, Indian Society of Soil Biology & Ecology, Bangalore.
- Member, International Society for Tropical Ecology, BHU, Varanasi.
- Life Member, National Environmentalists Association.
- Member, Tripura Biodiversity Board.
- Executive member, Tripura Biotechnology Council.
- Life Member, Society of Applied Sciences, India.
- Life member, Society for Earthworm Ecology and Environmental Research (SEEER).

#### **RESEARCH SUPERVISIONS**

- 12 students awarded Ph.D.

#### **SCHOLARSHIP/AWARD/RECOGNITIONS:**

- Received Faculty Research Awards with medals for contribution in earthworm research and recipient of various awards during 2015 to 2020.
- Fellow of the National Institute of Ecology 2021, India.

- Lifetime Achievement Award (International Scientist Award on Engineering, Science and Medicine, 14-15 Sept 2019. VD Good Professional Association, Chennai, India).
- Editorial Board Member of UGC recommended Journal" Journal of Environmental Biology"(IF o.67).
- Received National Award " ENVIRONMENTAL BIOLOGIST OF THE YEAR 2017" on 5th June,17 The World Environment Day at World Clean Environment Congress (5th-6th June, 2017, Venue: India International Center, Lodhi Rd., N. Delhi) organized by Confederation of Indian Universities, Indian Indian Institute of Ecology & Environment, N. Delhi & Scientific and Environmental Research Institute, Kolkata.
- Received BHARAT SIKSHA RATAN AWARD 2016 on the 5th of October 2016, World Teachers Day in the Science City auditorium, Kolkata, in the presence of national and international dignitaries.
- Fellow of the Zoological Society, (FZS) Kolkata.
- Subject of Biographical record in Marque's who's who in Science & Engineering (2006-2007).
- Fellow, Society of Applied Sciences, India.
- Received SEEER award "Certificate of appreciation" in recognition of an Earthworm Biologist from The Society of Earthworm Ecology and Environmental Research, India, 2012.
- "SCIENCE EXCELLENCE AWARD 2015" in the field of Zoology, Foundation for Science and Environment, Kolkata & North Bengal University, WB. Selected as the "INSPIRED TEACHER OF TRIPURA UNIVERSITY".
- Selected as the" Inspiring Teacher of Tripura University" (2013).

#### **OTHER INFORMATION (IF ANY):**

- Convener and Organizer, The Third National Symposium on Earthworm Ecology and Environment, 9-11 Nov, 2012.