

Assistant Professor of Zoology, Maharaja Sriram Chandra Bhanja Deo University, Takatpur,
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Cuckoo Mahapatra, Ph.D.

A. ACADEMIC PROFILE

1. TEACHING EXPERIENCES

16th May, 2016- To date Asst. Professor of Zoology	P. G. Department of Zoology Maharaja Sriram Chandra Bhanja Deo University	Odisha, India
6th Aug 2014-14th May,2016 Lecturer in Zoology (Ad-hoc)	P. G. Department of Zoology Khallikote University	Odisha, India

2. EDUCATIONAL QUALIFICATIONS

2007-2013 Doctor of Philosophy Zoology	Cell and Developmental Biology Lab. Department of Zoology Utkal University	Odisha, India
2006 -2007 Master of Philosophy Zoology (83.8%)	Cell and Developmental Biology Lab. Department of Zoology Utkal University	Odisha, India
2003 – 2005 Master of Science Zoology (85.6%)	P. G. Department of Zoology Utkal University	Odisha, India
2000 – 2003 Bachelor of Science Zoology Honours (79.6%)	S. B. Women's College, Cuttack Utkal University	Odisha, India
1998 – 2000 CHSE Science (10 + 2) (84.1%)	S. B. Women's College, Cuttack	Odisha, India
1998 ICSE (10th) (86%)	Cambridge School, Cuttack	Odisha, India

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3. AWARDS & HONOURS

- 2026** Associate Editor, “Frontiers in Amphibian and Reptile Science”
- 2025** 2nd prize in Poster presentation in Biological Sciences category at Odisha Research Conclave-2025 held at Berhampur University from November 27th-29th, 2025.
- 2025** Women Scientist award for outstanding achievements in the field of Biological Sciences on the occasion of the International Conference on Advances in Systems Biology held on March 6-8, 2025, organised by the Department of Zoology, School of Biological Sciences, Dr Harisingh Gour Vishwavidyalaya, Sagar, Madhya Pradesh, India
- 2024** Indian Society for Developmental Biology Newsletter Member Spotlight
- 2023** International Travel Support (ITS) Scheme Award from DST-SERB, Govt. of India, to attend " Unconventional and Emerging Experimental Organisms in Cell and Developmental Biology” meeting in the United Kingdom
- 2018** Early Career Research Award from DST-SERB, Govt. of India
- 2018** UGC-BSR Start-up Grant for newly recruited Assistant Professors from UGC, Govt. of India
- 2011** West Coast Society for Developmental Biology Travel Award to attend the Society for Developmental Biology West Coast Regional Meeting held in Honolulu, Hawaii, USA
- 2010** Fulbright-Nehru Professional and Doctoral Fellowship for research at the University of California, Irvine, California, USA
- 2007** Radhamani Devi Memorial Prize for qualifying the National Eligibility Test by Utkal University Zoology Alumni Association
- 2006** Certificate of Merit for Toppers of the Session by the Department of Zoology, Utkal University
- 2006** Joint CSIR- UGC Research Fellowship
- 2005** Sudarshan - Pramila Prize for Meritorious Student by Utkal University Zoology Alumni Association
- 2005** Utkal University Gold Medal for securing 1st position in 1st class in Master of Science.
- 2003** National Scholarship for Merit by the Government of India.

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B. RESEARCH PROFILE

Research specialization - **Developmental Biology**

Ph.D. Mentor- **Prof. Pravati Kumari Mahapatra, Department of Zoology, Utkal University**

Current areas of research- **Regeneration of appendages in herpetofauna, metamorphosis and teratogenesis in anurans, Biodiversity**

1. RESEARCH EXPERIENCES

June 2011- March 2012 Senior Research Fellow	Cell and Developmental Biology Lab. Department of Zoology Utkal University	Odisha, India
Sep 2010 – June 2011 Fulbright – Nehru Fellow	Dept of Developmental and Cell Biology Bryant/Gardiner Lab. University of California, Irvine	California, USA
March 2009- Sep 2010 Senior Research Fellow	Cell and Developmental Biology Lab. Department of Zoology Utkal University	Odisha, India
March 2007- March 2009 Junior Research Fellow	Cell and Developmental Biology Lab. Department of Zoology Utkal University	Odisha, India

2. RESEARCH GUIDANCE

M. Phil- 6 awarded

Sl. No.	Year of award	Name	Title of the dissertation
1	2016	Miss A. Sarada Achary	Tail regeneration in a tropical lizard, <i>Hemidactylus brookii</i> Gray, 1845
2.	2017	Miss Sushree Sangita Priyadarshini	A study on regeneration and regression in tail of <i>Uperodon globulosus</i> (Gunther, 1864) (Anura: Microhylidae)
3.	2018	Miss Pranati Naik	Effects of vitamin A palmitate on feeding stages of Ornamented Pygmy frog.
4	2019	Miss Sunanda Swain	Effects of Vitamin A palmitate on feeding stage tadpoles of <i>Microhyla ornata</i> (Anura: Microhylidae)
5	2021	Miss Diptimayee Patra	Role of nitrosative stress during tail regression in tadpoles of <i>Polypedates maculatus</i>
6	2022	Miss Sai Abhipsa Dash	Vitamin A mediated tail regeneration in tadpoles of <i>Chirixalus simus</i> .

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Ph. D- 3 awarded, 3- continuing

Sl. No.	Year of award	Name	Title of the dissertation
1	2022	Mr Vivek Sarkar	Taxonomy, Natural history and Acoustics of Cicadas in Garo-Khasi-Jaintia Hill Complex, Eastern India
2.	2023	Mrs Chirasmitta Mishra	Effect of heavy metals on biochemical, cytological and histological parameters of <i>Channa punctatus</i> available in Tampora lake, Ganjam, Odisha
3.	2026	Mrs A. Sarada Achary	Comparative analysis of regeneration in tail and scarring in limbs of lizards.
4	Continuing	Miss Pranati Naik	Molecular mechanisms of limb regeneration.
5	Continuing	Mr Sumanta Kumar Swain	Role of proteoglycans during anuran limb regeneration
6	Continuing	Miss Harshita Prusty	Impact of microplastics on the development of anuran tadpoles

3. RESEARCH PROJECTS

Sl. No	Title of the Project	Funding Agency	Amount in lakhs (Rs.)	Duration
1	A comparative study on appendage regeneration in amphibians and reptiles (Principal Investigator) (UGC-BSR Start up Grant)	UGC, Govt of India	10.0	2 years (2018-2020)
2	Comparative transcriptome analysis of blastemas of regenerating and regeneration-deficient limbs of Indian tree frog <i>Polypedates maculatus</i> (Gray, 1830) (Principal Investigator) (Early Career Research Award)	DST-SERB, Govt of India	47.0	3 years (2018-2021)
3	Effects of high-level natural background radiation on amphibians around the Chatrapur beach placer deposits, Odisha, India. (Principal Investigator) In collaboration with Dr Anu Ghosh, BARC, Govt. of India	BRNS, DAE, Govt. of India	44.7	3 years (2022-2025)
4	Synthesis of Fluorescent CDs - Hydrogels, Nanocomposites for sensing, removal of toxic heavy metal ions (Co-Investigator)	BRNS, DAE, Govt. of India	37.8	3 years (2022-2025)

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5	Impact of Microplastics and their role as endocrine disruptors in the anurans of Baripada, Odisha (CSIR-ASPIRE Research Scheme) (Principal Investigator)	CSIR, Govt of India	27.59	3 years (2024-2027)
6	Role of canonical and non-canonical Wnt signalling and its modulation by glycosaminoglycans during limb regeneration in tadpoles of Indian tree frog, <i>Polypedates maculatus</i> (Gray, 1830) (Principal Investigator)	MRI, OSHEC, Odisha	10.00	2 years (2025-2027)
7	Impact of water quality on the population of small edible fish and mollusca and their utilization in the development of nutraceuticals (UFIRP)(Co-PI)	MSCB University	10.00	2 years (2024-2026)

3. LIST OF PUBLICATIONS

NCBI Submissions

1. NCBI Bioproject accession no. PRJNA669113 (2020). Comparative transcriptome analysis of blastemas of regenerating and regeneration-deficient limbs of Indian tree frog *Polypedates maculatus* (Gray,1830): (<https://www.ncbi.nlm.nih.gov/bioproject/PRJNA669113>)
2. NCBI Bioproject accession no. PRJNA1366752 (2025) "Effects of high-level natural background radiation on amphibians around the Chatrapur beach placer.(<https://www.ncbi.nlm.nih.gov/bioproject/PRJNA1366752>)

Books

1. Saha, N., Das Mahapatra, A., Mahapatra, C., Mohapatra, P.P. and Prakash, M. (2024). Amphibians of Godda. Godda Forest Division, Jharkhand. ISBN: 978-81-971536-7-9.
2. Raj, P., Mohapatra, P.P., Mahapatra, C. and Dutta, S. K. (2023). Amphibians of Eastern Ghats. Teerataranga Publication, Bhubaneswar. ISBN: 978-81-19802-58-6
3. Mohapatra, P. P., Dutta, S. K. and Mahapatra, C. (2019). Odishara sapa katha (In Odia). Nature Environment and Wildlife Society (NEWS), Angul. ISBN: 819382600-0
4. Mahapatra, C. and Mahapatra P. K. (2013). Role of lysosomal enzymes during anuran tail regression. Scholar's Press, Saarbrücken, Germany.

Books Edited

1. Sahu, H. K., Parida, P., Debata, P. R., Mahapatra, C. and Mohanty, G. (Eds) (2025). Advancements in Zoological Research. Newredmars Education, 1-340, ISBN: 9978-93-93620-70-5

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2. Thatoi, H., Sahu, H. K., Mahapatra, C., Sahu, S.C. (Eds) (2025). Communities, Biodiversity and Conservation of Similipal. Daya Publishing House, 1-283, ISBN: 978-93-5919-453-0
3. Thatoi, H.N., Bastia, A.K., Sahu, H.K., Biswal, A. K., Patra, A.K. and Mahapatra, C. (Eds) (2017). Facets of Similipal. North Orissa University, Baripada, Odisha, India: pp1-270.

Journals

1. Saha, N., Das, S., Patra, A., Das Mahapatra, A., Jena, S. K., Prakash, M., Mahapatra, C., Deuti, K. and Mohapatra, P. P. (2026). Addressing the Wallacean shortfall: anuran (Amphibia, Anura) diversity and new state records from Godda Forest Division, Santhal Parganas, Jharkhand, India. Check List 22(1): 57-74. <https://doi.org/10.15560/22.1.57>
2. Torres-Sánchez, M., Goutte, S., Liedtke, H.C., Allain, S.J., Ahammed, M.S., Calatayud, N., Comeault, A., Elmer, K., Eterovick, P.C., Gilbert, E., Guayasamin, J.M., Hernández-Poveda, M., Kotharambath, R., Paredes, P.L., Mahapatra, C., Mulder, K.P., Nadaline, J., Najafi-Majd, E., Pollet, N., Rubio, A.O., Sachslehner, A.P., Sanz-Sobrin, L., Siu-Ting, K., Snead, A.A., Strowbridge, N., Themudo, G.E., Barreto, D.V., Wogan, G.O.U., Valero, K.C.W. and The Amphibian Genomics Consortium (2025). Comparative biology needs de novo transcriptome assemblies: drawing attention towards amphibians. Amphibia-Reptilia 1(aop): 1–19.
3. Mahapatra, C. and Mishra, C. (2024). Seasonal assessment of biomarkers in *Channa punctata* from Tampara Lake, Odisha, India and toxicity of thorium nitrate on fish. Regional Studies in Marine Science 80: 103914.
4. Pradhan, J., Mahapatra, C., Tudu, P.C. and Balakrishnan, S. (2024). New record of Bar-toothed Nereid, *Perinereis nuntia* (Lamarck, 1818) from the coastal waters of West Bengal, India. Records of the Zoological Survey of India 124(1): 45–50.
5. Mahapatra, C. (2024). Letter to editor on “Assessment of toxicity in the freshwater tadpole *Polypedates maculatus* exposed to silver and zinc oxide nanoparticles: A multi-biomarker approach”. Chemosphere 356: 141817.
6. Sarkar, V., Thangkhiew, R., Mahapatra, C., Mohapatra, P.P., Nair, M.V. and Hajong, S.R. (2024). Discovery of the cicada genus *Becquartina* Kato, 1940 (Hemiptera: Cicadidae: Cicadinae) in India with the description of a new species from Meghalaya. Zootaxa 5432(1): 96–108. <https://doi.org/10.11646/zootaxa.5432.1.7>
7. Achary, A.S. and Mahapatra, C. (2024). Reactive nitrogen species-mediated cell proliferation during tail regeneration and retinoic acid as a putative modulator of tissue regeneration in geckos. Cells and Development 177(1): 203901. <https://doi.org/10.1016/j.cdev.2024.203901> (doi.org in Bing)
8. Mahapatra, C., Naik, P., Singh, M. and Mohapatra, P.P. (2023). Commercially available Vitamin A Palmitate is toxic and teratogenic to the tadpoles of *Microhyla nilphamariensis* (Anura: Microhylidae). Indian Journal of Pharmaceutical Education and Research 57(3): 813–821.

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9. Mahapatra, C., Naik, P., Swain, S.K. and Mohapatra, P.P. (2023). Unravelling the limb regeneration mechanisms of *Polypedates maculatus*, a sub-tropical frog, by transcriptomics. BMC Genomics 24: 122. <https://doi.org/10.1186/s12864-023-09205-8>
10. Mahapatra, C., Achary, A.S. and Patra, D. (2022). Protein S-nitrosylation: Nitric oxide signalling during anuran tail regression. Acta Histochemica 124(5): 151899. <https://doi.org/10.1016/j.acthis.2022.151899> (doi.org in Bing)
11. Mishra, C. and Mahapatra, C. (2021). Physiological assessment of fish health in mineral-rich areas of Ganjam, Odisha, India, and chronic toxicity of zirconium oxychloride on the fishes of *Channa punctata*. Environmental Monitoring and Assessment 193: 679. <https://doi.org/10.1007/s10661-021-09451-x>
12. Sarkar, V., Mahapatra, C., Mohapatra, P.P., Nair, M.V. and Kunte, K. (2021). Description of three new species of the genus *Mata* Distant, 1906 (Hemiptera: Cicadidae: Cicadinae: Oncotympanini) with notes on their natural history from Meghalaya, India. Zootaxa 4908(1): 1–28.
13. Mahapatra, C., Achary, A.S., Baliarsingh, J., Swain, S., Patra, D., Majhi, S., Patra, D.K. and Si, J. (2020). Toxic and teratogenic effects of vitamin A on anuran tadpoles of four sub-tropical species. Pranikee – Journal of Zoological Society of Orissa 32: 16–32.
14. Khan, A., Sailo, S. and Mahapatra, C. (2020). *Sphaerotheca rolandae* (Roland's Burrowing Frog) and *Uperodon globulosus* (Indian Balloon Frog): Interspecific amplexus. Herpetological Review 51(2): 307.
15. Mohapatra, P.P., Khandekar, A., Dutta, S.K., Mahapatra, C. and Agarwal, I. (2020). A novel, diminutive Hemiphyllodactylus Bleeker, 1860 (Squamata: Gekkonidae) from a sacred grove in Odisha, eastern India. Zootaxa 4852: 485–499.
16. Sarkar, V., Mahapatra, C., Mohapatra, P.P. and Nair, M.V. (2020). Additions to the cicada (Insecta: Hemiptera: Cicadidae) fauna of India: first report and range extension of four species with notes on their natural history from Meghalaya. Journal of Threatened Taxa 12: 16021–42.
17. Khan, A. and Mahapatra, C. (2020). Anophthalmia in a Common Asian Toad, *Duttaphrynus melanostictus* (Amphibia: Anura: Bufonidae), from the Eastern Ghats of India. IRCF Reptiles and Amphibians 27(1): 44–45.
18. Mahapatra, C., Achary, A.S. and Pratyush P. Mohapatra (2020). Tail resorption in the tadpoles of *Uperodon globulosus* (Gunther, 1865) (Anura: Microhylidae). NOUJST 5 and 6 (1):1-9.
19. Mohapatra, P.P., Behera, S.R., Dutta, S.K., Mahapatra, C. and Upadhyay, H.S. (2019). Mammals of Odisha, India: Updated checklist, distribution and conservation status. Pranikee – Journal of Zoological Society of Orissa 31: 1–112.
20. Mahapatra, C. and Mahapatra, P.K. (2015). Role of melanocytes during cell death in the resorbing tail of anuran tadpoles. *Pranikee* XXVII: 70–94.

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21. Mahapatra, C. and Mahapatra, P.K. (2015). Interspecific variations in duration of tail regression in two tropical anurans. *Journal of Histology* 2015: 1–8.
22. Mahapatra, C., Patro, A. and Mahapatra, P.K. (2015). Dose and stage-specific effects of thyroxine on the tadpoles of *Duttaphrynus melanostictus* (Anura: Bufonidae). *International Journal of Pharmacy and Pharmaceutical Sciences* 7(8): 171–175.
23. Patnaik, N., Mahapatra, C., Dutta, S.K. and Mahapatra, P.K. (2012). Role of acid and alkaline phosphatases during vitamin A-induced abnormal tail regeneration in the tadpoles of the Indian tree frog. *International Journal of Current Research* 4(11): 115–120.
24. Mahapatra, P.K., Jamdar, S.N., Mahapatra, C., Dutta, S.K. and Harikumar, P. (2012). Interspecies variation in activity of lysosomal cathepsins during tail regression in the tadpoles of three sympatric anurans. *Russian Journal of Herpetology* 19(3): 232–238.
25. Mahapatra, C. and Mahapatra, P.K. (2012). Immunohistochemical localization of cathepsin D and a possible role of melanocytes during tail resorption in tadpoles of a tropical toad. *Journal of Morphology* 273: 791–800.
26. Mahapatra, C., Dutta, S.K. and Mahapatra, P.K. (2011). Inter-populational differences in activity of acid phosphatase in the tails of the tadpoles of *Duttaphrynus melanostictus* (Anura: Bufonidae). *Russian Journal of Herpetology* 18(2): 105–110.
27. Mahapatra, C. and Mahapatra, P.K. (2011). Involvement of cathepsin D during tail regression in tadpoles of the common Indian tree frog, *Polypedates maculatus* (Anura: Rhacophoridae). *Acta Histochemica* 113: 756–762.
28. Dutta, S.K., Nayak, S., Mahapatra, C., Das, M. and Mahapatra, P.K. (2011). Skeletochronology of Anura (Amphibia). *Proceedings of the National Academy of Sciences, India B* 81(1): 83–102.
29. Mahapatra, P.K. and Mahapatra, C. (2009). The activity of acid phosphatase in the tail of the tadpoles of *Polypedates maculatus*. *Manjari – Journal of Science & Social Science* 1: 33–36.
30. Mahapatra, C. and Mahapatra, P.K. (2007). Tail regression in tadpoles of *Bufo melanostictus*. *Pranikee – Journal of Zoological Society of Orissa* 24: 85–96.

Book Chapters

1. Das, A. K., Mahapatra, C and Mohapatra, P. P. (2026) Amphibians. In (Eds) Faunal Diversity of Lakhari Vally Wildlife Sanctuary, 26 Zoological Survey of India, Kolkata: pp 120-130.
2. Das, A. K., Tripathy, B., Mohapatra, P. P., Mahapatra, C. and Mohapatra, S. K. (2025). Herpetofauna (in and around Tampara Lake). In Mohapatra, A., Tripathy, B., and Mohanty, S.R. (Eds) Faunal Diversity of Tampara Lake: Wetland Ecosystem Series, 26 Zoological Survey of India, Kolkata: pp 83- 95.

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3. Mohapatra, P.P., Mahapatra, C. and Dutta, S.K. (2025). An overview of conservation history and mammalian diversity of Similipal Biosphere Reserve. In: Thatoi, H., Sahu, H.K., Mahapatra, C. and Sahu, S.C. (eds) *Communities, Biodiversity and Conservation of Similipal*. Daya Publishing House: pp 13–30.
4. Mohapatra, P.P., Raj, P. and Mahapatra, C. (2024). Amphibia. In: Director, ZSI (Ed.) Faunal diversity of Eastern Ghats. Zoological Survey of India, Kolkata: pp 834–844.
5. Pradhan, J., Baisakhi, B. and Mahapatra, C. (2022). Nano-chitosan in aquaculture and fish health management. In: Sundaray, J.K. and Bhat, R.A. (eds) *Research Trends in Fisheries and Aquatic Sciences*. AkiNik Publications: pp 79–95.
6. Dutta, S.K., Mohapatra, P.P., Dash, P.K., Mahapatra, C. and Mishra, A.K. (2021). Ensuring biodiversity conservation and local livelihood outside protected areas in Odisha: A critical analysis. In: Thatoi, H.N. and Debata, P.R. (eds) *Biodiversity Conservation and Livelihood Management*. Daya Publishing House: pp 343–354.
7. Sarkar, V., Manral, U., Mahapatra, C., Mohapatra, P.P. and Nair, M.V. (2020). Sounds and the Garo tales: A study on the cicada diversity and its cultural influence on the Garo tribe of Meghalaya. In: Chakraborty, P., Roy, A. and Ghosh, S. (eds) *Heritage Conservation in Asia: Case Studies Linking Nature and Culture*. IUCN-WCC: pp 1–10
8. Mahapatra, C. (2019). Anuran tail resorption as a model to study lysosomal enzyme mediated cell death. In: Thatoi, H.N. and Nayak, S.K. (eds) *Biotechnology for Sustainable Utilization of Bioresources*. Daya Publishing House: pp 191–202.
9. Mohapatra, P.P., Mahapatra, C. and Dutta, S.K. (2017). Studies on amphibians of Odisha: An overview. In: Das, A. (ed) *Diversity and Ecology of Amphibians of India*. ENVIS Bulletin: Wildlife and Protected Areas, Vol. 19. Wildlife Institute of India, Dehradun: pp 11–32.
10. Mahapatra, C. and Mahapatra, P.K. (2012). Anuran tail regression as a model to study cell death during development. In: Khillare, Y.K., Natarajan, P. and Kulkarni, G.K. (eds) *Sustainable Development of Fisheries and Livestock for Food Security Vol-I: Innovations in Aquaculture and Animal Research*. Narendra Publishing House, Delhi: pp 69–76.

Popular Article

1. Mohanty, P. K. and C. Mahapatra (2005) The Banded Creatures. The Science Reporter. 42(11): 39–42

5. JOURNAL REVIEWER

- Developmental Biology
- Journal of Experimental Zoology Part B: Molecular and Developmental Evolution
- Acta Zoologica
- Biological Trace Element Research
- International Journal of Environmental Health Research

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- International Journal of Biological Macromolecules
- Indian Journal of Experimental Biology
- Scientific Reports
- Annals of Anatomy
- Comparative Biochemistry and Physiology- Part C: Toxicology and Pharmacology

6. INVITED TALK/ RESOURCE PERSON

- 2025** An invited talk on “**Implications of amphibian regeneration research for regenerative medicine: A study on limb regeneration in the Indian tree frog, *Polypedates maculatus***”, in 31st ISCB International Conference on “Innovations in Interdisciplinary Areas of Sciences Towards Global Health and Sustainability” held from 19th- 21st December, 2025, organized by School of Applied Sciences, KIIT Deemed to be University, Bhubaneswar 751024, Odisha, India & Indian Society of Chemists and Biologists (ISCB).
- 2025** An invited talk on “**Unlocking the Secrets of Regeneration: Insights from Non-Model Amphibian and Reptile Research**” organised by School of Biological Sciences (SBS), NISER Bhubaneswar in the 7th Quarterly Union for Academic Discourse (QUAD), Bhubaneswar on “Integrative Biology and Translational Research: From Molecular Mechanisms to Therapeutic Strategies” held on 23rd August, 2025.
- 2024** Resource Person in Hands-on training Programme on “**Aquatic Animal Health Management under PMSSY and DBT-Builder**” organized by the Department of Biotechnology, Modern College, Ganeshkhind, Pune from 12th -13th April 2024.
- 2023** Resource Person in IDP-OHEPEE Faculty Development Programme on “**Experimental Studies in Zoology under CBCS Curriculum**” organized by P. G. Department of Zoology, Maharaja Sriram Chandra Bhanja Deo University, Baripada from 11th -15th May 2023.
- 2021** Resource Person in IDP sponsored Online Teachers’ Training Programme on “**ADVANCES IN MOLECULAR BIOLOGY**” organized by P. G. Department of Zoology, Maharaja Sriram Chandra Bhanja Deo University, Baripada from 1st-6th March 2021.
- 2021** An invited talk on “**CURRENT TRENDS IN DEVELOPMENTAL BIOLOGY**” in a webinar organized by Department of Zoology, Swarnachud College, Balasore on 23rd January 2021
- 2020** An invited talk on “**REGENERATIVE MEDICINE: A REVOLUTIONARY APPROACH TO MODERN HEALTHCARE**” in an International Webinar on “Emerging Frontiers in Healthcare and Delivery” organized by Department of Biology, School of Applied Sciences, KIIT University, Bhubaneswar on 13th September 2020
- 2020** An invited talk on “**MAMMALIAN FERTILIZATION**” in a webinar series organized by Department of Zoology, Sukumar Sengupta Mahavidyalaya, Keshpur, West Bengal on 6th July 2020

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7. MEMBERSHIPS

Member, Amphibian Genomics Consortium

Member, International Society for Regeneration Biology

Life Member, Indian Society for Cell Biology

Member, Indian Society for Developmental Biology, India.

Life Member, Indian Science Congress Association, Kolkata, India

Life Member, Zoological Society of Orissa, India.

Member, Utkal University Zoology Alumni Association, Odisha, India

8. MEETINGS/CONFERENCES/FDP ATTENDED

- 2026** UGC sponsored Refresher course in Biosciences conducted by the UGC-Human Resource Development Centre, University of Mumbai held from 05.01.2026 to 17.01.2026.
- 2025** Poster presentation at Indian Society for Developmental Biology- International Society for Differentiation joint meeting organized by IISER, Berhampur, from 14th -17th December, 2025
- 2025** Poster presentation in Biological Sciences category at Odisha Research Conclave-2025 held at Berhampur University from November 27th-29th, 2025.
- 2025** Participated in the 13th International Congress of the Academy of Clinical Embryologists (ACE) Conference held from 23rd to 24th August, 2025, at Bhubaneswar.
- 2025** Participated in the National Seminar on "Fifty years of Crocodile conservation: Learnings and way Ahead" organised by the Forest, Environment & Climate Change Department, Government of Odisha on 18th June 2025 at Bhubaneswar, Odisha.
- 2025** Oral presentation in the International Conference on “Recent Trends in Biotechnology for a better tomorrow”, organized by P. G. Department of Biotechnology, MSCB University, Baripada, India, from 25th -26th March, 2025
- 2025** Oral presentation at the International Conference on Advances in Systems Biology organized by Dr. Harisingh Gour Vishwavidyalaya (A Central University), Sagar, Madhya Pradesh, India, from 6th -8th March, 2025.
- 2024** Two oral presentations at the 10th World Congress of Herpetology held at Kuching, Sarawak, Malaysia from 5th-9th August, 2024.
- 2024** Oral Presentation at National Seminar on “Recent Innovations in Animal Science Research” held at F. M. University, Balasore on 9th May, 2024

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- 2024** Oral Presentation at National Seminar on “Recent Innovations in Animal Science Research” held at U.N. (Auto) College, Adaspur, Cuttack from 22nd-23rd March, 2024
- 2024** UGC sponsored Refresher course in Environmental Studies conducted by the UGC-Human Resource Development Centre, University of Madras held from 29.02.2024 to 13.03.2024.
- 2024** Poster presentation at National Science Day Celebrations held at MSCB University, Baripada on 28th February, 2024
- 2024** Poster presentation at “Cellular and Molecular Mechanisms of Development and Regeneration” meeting held at Shiv Nadar University, Delhi- NCR from 15th -17th February 2024.
- 2024** Attended a workshop on “Academic Integrity and Regulatory Compliance in Life sciences” held from 12th-13th Feb 2024 at DBT-inStem, Bangalore.
- 2023** Attended a one-day workshop on “Improvement of activities of OBA” held on 31.10.2023 at Odisha Bigyan Academy, Bhubaneswar
- 2023** Poster presentation at " Unconventional and Emerging Experimental Organisms in Cell and Developmental Biology” meeting held at Wotton House, Surrey, United Kingdom from 17th – 20th September, 2023
- 2023** Poster presentation at 45th All India Cell Biology Conference and International Symposium on Biology of Development and Disease held at Department of Zoology, Banaras Hindu University, Varanasi from 20-22nd January, 2023.
- 2022** Oral presentation in the International Conference on “Biotechnology and Bioinformatics: Perspectives and Challenges (B & B-2022)” held at MSCB University, Baripada from December 8th-9th, 2022.
- 2022** UGC sponsored Online Refresher course in Zoology conducted by the UGC-Human Resource Development Centre, Bharathiar University held from 07.09.2022 to 20.09.2022.
- 2022** Poster presentation at a two-day theme meeting on “Strategic Planning for Enhancing Research Reactor Utilization (RRU-2022)”, organized by BARC, Mumbai during May 6-7, 2022 at DAE Convention Centre, Mumbai.
- 2022** Participated in a DAE-BRNS Outreach theme meeting organized by BARC, BRNS, IOP, NISER and MSCB University from March 25-27, 2022 at MSCB University, Baripada.
- 2021** 10 days virtual workshop on “Phylogeny, homology modelling and molecular docking” organized by Dept. of Biotechnology, MSCB University, Baripada from 20th -29th November, 2021.

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- 2021** Presented a poster in Odisha Research Conclave organized by Odisha State Higher Education Council from 13-14th November, 2021.
- 2020** International Conference cum Webinar on “Research Frontiers and prospects in Biosciences and Biotechnology” organized by P. G. Department of Biosciences and Biotechnology, F. M. University, Balasore from 28-29th July, 2020.
- 2020** Group Monitoring Workshop (GMW) at Birla Institute of Technology & Science (BITS), Pilani, Hyderabad Campus, Jawahar Nagar, Kapra Mandal, Medchal District, Hyderabad from India 14th -15th, February, 2020
- 2020** National Conference on “Trends and Progress of Animal Sciences” at P.G. Dept. of Biosciences and Biotechnology, Fakir Mohan University, Balasore organized by Zoological Society of Orissa held from 5th -6th February, 2020
- 2020** National Seminar on “Green Technology for Environment Management” at P. G. Department of Botany, North Orissa University, Baripada and 44th Annual Conference of Orissa Botanical Society (OBS) held from India 22nd-23rd January, 2020
- 2019** National Conference on ‘Harnessing Science & Technology for a Better Future’ at S ‘O’ A deemed to be University, Bhubaneswar and 21st Orissa Bigyan ‘O’ Paribesh Congress (OBPC) from India 23rd -24th November, 2019
- 2019** UGC sponsored Subject Refresher Course in Life Sciences held at Guru Jambheshwar University of Science and Technology, Hisar, Haryana, from 09.12.2019-21.12.2019
- 2019** National Conference on Advances in Zoology held at Utkal University, from 2nd-3rd March, 2019.
- 2019** National Seminar on Future India: Science and Technology held at KIIT, deemed to be University, Bhubaneswar from February 1st-2nd, 2019.
- 2019** International Conference on Biodiversity and Sustainable Development: Strategies for future held at N.C. College, Jajpur from 29th-30th January, 2019.
- 2018** 102nd Orientation Programme at Rani Durgavati Vishwavidyalaya, Jabalpur, Madhya Pradesh from 16.07.2018 to 11.08.2018.
- 2018** International Zoological Conference (INTZOOCON) organized by Department of Zoology, University of Calcutta, from 1st-3rd February.
- 2017** National Seminar on “Reaching the Unreached Through Science & Technology” organized by Indian Science Congress Association, Bhubaneswar Chapter, held at KIIT University, Bhubaneswar from 17-18th December
- 2017** 19th Odisha Bigyan ‘O’ Paribesh Congress, on ‘Science & Technology for Environmental Security’, Organized by Orissa Environmental Society held at KIIT University, Bhubaneswar from 25-26th November.

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- 2017** National Symposium and Workshop on Quantitative Proteomics" (NSWQP2017) from 06-10th March, held at Institute of Life Sciences, Bhubaneswar, Odisha, India
- 2017** DST sponsored Training Workshop on 'Biodiversity Conservation' for women scientists/technologists from 13-17th February at WII, Dehradun, India
- 2016** National Seminar on "Science and Technology for National Development in India" held at KIIT University, Bhubaneswar from 12-13th December
- 2016** U. G. C. Sponsored State Level Workshop on "Modern Techniques in Life Sciences" held at M. P. C. (Autonomous) College, Takatpur, Baripada from 11-12th July.
- 2016** IFOM-inStem Conference on Inflammation and Tissue Homeostasis, Institute for Stem Cell Biology and Regenerative Medicine, Bangalore, India
- 2016** 103rd Indian Science Congress, University of Mysore, Mysore, India
- 2015** National Symposium on Neuroscience, Ravenshaw University, Cuttack, Odisha, India
- 2015** National Workshop on Education for sustainable development and biodiversity, Brahmapur, Odisha, India
- 2014** National Seminar on "Modern chemical approaches on organic synthesis, drug design and development", Khallikote College, Brahmapur, Odisha, India
- 2013** International Day of Biological Diversity, Exhibition of painting and photographs "Life in Water", Odisha Biodiversity Board, Bhubaneswar, Odisha
- 2012** 99th Indian Science Congress, KIIT University, Odisha, India
- 2011** XXXV Cell biology conference, NISER, Bhubaneswar, Odisha, India
- 2011** 14th Odisha Bigyan Congress, OUAT, Bhubaneswar, Odisha, India
- 2011** Society for Developmental Biology West Coast Regional Meeting, University of Hawaii, Honolulu, USA
- 2011** Fulbright Enrichment Seminar on "Greening of the Planet", Denver, USA
- 2009** Second Science Conclave: A Congregation of Nobel Laureate, IIIT, Allahabad, India
- 2009** National Seminar on "Current Research in Herpetology", North Orissa University, Orissa, India
- 2009** National Workshop on "Basic Tools and Techniques in Bioinformatics and Biotechnology", North Orissa University, Orissa, India
- 2008** 2nd School in Herpetology, Wildlife Institute of India, Dehradun, India
- 2007** 1st School in Herpetology, North Orissa University, Orissa, India

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- 2006** International Symposium on “Cellular Signaling during Development”, Agharkar Research Institute, Pune, India
- 2006** National Conference on “Biodiversity Conservation for a Sustainable Society”, Orissa, India, P. N. College, Khurda, Odisha.

9. MEETINGS/CONFERENCES/WORKSHOPS ORGANIZED

- 2025** PM-USHA funded 'Nabonmesh' – a unique talent competition for UG/PG students held from 18th to 19th March 2025, organised by The Research Club in association with Media Club, MSCB University (**Convenor**)
- 2025** National Seminar on the “**ROLE OF ZOOLOGICAL RESEARCH IN ACHIEVING SUSTAINABLE DEVELOPMENT GOALS**” organized by P. G. Department of Zoology, MSCB University, Baripada, India from 2nd -3rd May, 2025 (**Treasurer**).
- 2024** Research Scholar Conclave- 2024, organised by R and D Cell and Research Club, MSCB University (**Organising Secretary**)
- 2022** DST-SERB and IDP-OHEPEE supported National Seminar on “**ANIMAL SCIENCE RESEARCH FOR SUSTAINABLE DEVELOPMENT**” organized by P. G. Department of Zoology, Maharaja Sriram Chandra Bhanja Deo University from 29th to 30th March 2022 (**Organising Secretary**)
- 2022** University-level **Research Scholar Conclave and Promotion of Research for P. G. Students** organized by the Research Club on 19.11.2022 (**Convenor**)
- 2021** IDP-OHEPEE supported National Seminar on “**SIMILIPAL: COMMUNITIES, BIODIVERSITY AND CONSERVATION**” organized by the Centre for Similipal Studies, Maharaja Sriram Chandra Bhanja Deo University from 20-21st December 2021 (**Organising Secretary**)
- 2021** International Seminar in Blended mode on “**ROLE OF SMALL MOLECULES IN THE TREATMENT OF INFLAMMATORY DISEASES**”, organized by P. G. Department of Zoology, Maharaja Sriram Chandra Bhanja Deo University on 25th November 2021 (**Organising Committee**)
- 2019** ICSSR sponsored National Seminar on “**PARTICIPATION OF INDIGENOUS TRIBES IN BIODIVERSITY CONSERVATION**” organized by the Centre for Similipal Studies, North Orissa University, from 21st-22nd January 2019. (**Treasurer**)
- 2017** UGC sponsored National Seminar on “**ANIMAL SCIENCE RESEARCH FOR MANKIND: PERSPECTIVE AND PROSPECTS**” held from 24-25th March 2017 organised by P.G. Department of Zoology, North Orissa University, Baripada. (**Treasurer**)
- 2017** National Seminar on “**BIODIVERSITY CONSERVATION AND LIVELIHOOD MANAGEMENT**” organized by the Centre for Similipal Studies, held from 28-29 March 2017, at P.G. Department of Botany, North Orissa University, Baripada. (**Treasurer**)

**Assistant Professor of Zoology, Maharaja Sriram Chandra Bhanja Deo University, Takatpur,
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Cuckoo Mahapatra, Ph.D.

C. ADMINSTRATIVE PROFILE

- Superintendent, Ladies Hostel no.1, MSCB University, Baripada (2022-till date)
- Asst. Superintendent, Ladies Hostel no.4, MSCB University, Baripada. (2016- 2022)
- Teacher-in-charge, Research Club, MSCB University, Baripada (2021- till date)
- Member, Board of Studies, Zoology, MSCB University, Baripada (2022-till date)
- Member, Subject Research Committee (SRC), Zoology, MSCB University, Baripada (2024- till date)
- Member, Conducting Board for Examinations, M.Sc., MSCB University (2023-2025)
- Member, Conducting Board for Examinations, Ph.D., MSCB University (2026-till date)
- Member, Anti-Ragging Committee, MSCB University (2024- till date)
- Member, Grievance Redressal Committee, MSCB University (2024-till date)
- Admission-in-charge, CPET for Zoology (2022-2024,2026).
- Associate Officer, IQAC, MSCB University, Baripada (2022- 2026)
- Associate Officer R& D, MSCB University, Baripada (2022- 2026)
- Member, Institutional Laboratory Safety Committee, MSCB University, Baripada (2021-till date)
- Member, Criteria VII Committee for NAAC (2024- till date)
- Member, Criteria III Committee for NAAC (2021- 2024)
- Co-ordinator, Centre for Similipal Studies, MSCB University, Baripada (2020- 2022)
- Secretary, Department Teacher's Council, Department of Zoology, MSCB University, Baripada (2018-2020, 2022- 2024)
- Teacher-in-charge, Students' Welfare, Wall Magazine and Photo Gallery, Department of Zoology, MSCB University, Baripada (2016- 2018, 2020, 2021- 2024)
- Teacher-in-charge, Seminar, Department of Zoology, MSCB University, Baripada (2016- 2018, 2020, 2024- till date)
- Associate Officer, University Archives, MSCB University, Baripada (2016- 2020)
- Project Evaluator in State Level Children's Science Congress (2013-2015).