

FACULTY PROFILE

Name : Dr Duwaki Rangad
E-mail : duwakirangad@gmail.com
Mobile no : 9774010025
Joined on : 01/05/2009
Educational Qualification : M.Sc, Ph.D
Awards/Fellowships/Scholarship :
1. *Rajendra Kumar Sunheri Devi Jain Charitable Endowment Book Grant Award* for securing top ranks in the B.Sc. Zoology Examination 2003.
2. Second prize in the M.Sc. Seminar conducted by the Department of Zoology, North Eastern Hill University during the Academic Year 2004-2005.
Teaching Experience : 14 Years
Research Experience : 16 Years
Research Interest : Developmental Biology, Ecology and Herpetology.
Professional Training :
1. Molecular Phylogenetics.
2. Instrumentation and Applications of ICP-OES, GF-AAS and Electron Microscopy.
Publications :

NATIONAL

- I. Duwaki Rangad & Rupa N. K. Hooroo (2013). Anuran Fauna of Riat Laban Reserve Forest, Meghalaya with a note on the breeding habitat of some species. *Pranikee-Journal of Zoological Society of Orissa*. XXV: 40-58. ISSN 0970-4450.
- II. Shangpliang, P.W., Hooroo, R.N.K., Shadap., R., Tron, R.K.L., Rangad, D. (2020b). "Diverse reproductive modes of some anurans in a temporary habitat in the Southern slopes of Meghalaya, North East India". *Pranikee-Journal of Zoological Society of Orissa*, 32:1-15.

- III. Rupa N. K. Hooroo, Ronald K. L. Tron, Duwaki Rangad, Caressa M. Thabab, Longjam M. Devi, Shanwell Khongwir & Asorphi J. Iangrai (2017). Oviposition sites of some Anurans in East Khasi Hills, Meghalaya, North East India. *Diversity & Ecology of Amphibians of India. ENVIS bulletin* 19, 2016-2017. ISBN No. 978-81-929285-5-5.

INTERNATIONAL

- I. Duwaki Rangad, Ronald K. Lyngdoh Tron and R. N. K. Hooroo (2007). First record of *Pterorana khare* from Meghalaya, East Khasi Hills District. *Herpetological Review* 38 (1): 99.
- II. I. Das, Duwaki Rangad, Ronald K. Lyngdoh, Kaushik Deuti & Rupa Nyalla K. Hooroo (2009). Rediscovery of the Endangered Khasi Hills Rock Toad, *Bufoides meghalayana* in Meghalaya, Northeastern India. *Froglog* 92: 1-4.
- III. I. Das, Ronald K. Lyngdoh Tron, Duwaki Rangad & Rupa N. K. Hooroo (2010). A new species of *Leptolalax* (Anura: Megophryidae) from the sacred groves of Mawphlang, Meghalaya, north-eastern India. *Zootaxa*. 2339: 44–56.
- IV. Ronald K. Lyngdoh Tron, I. Das, Rupa N. K. Hooroo and Duwaki Rangad (2015). Spring –Breeding and Reproductive mode in *Leptolalax khasiorum* (Anura, Megophryidae) in North – Eastern India. *Russian Journal of Herpetology*. 22 (3): 224-232. ISSN 1026-2296.
- V. Dan Harries, Thomas Arbenz, Neelesh Dahanukar, Rajeev Raghavan, Mark Tringham, Duwaki Rangad and Graham Proudlove (2019). The world’s largest known subterranean fish: a discovery in Meghalaya (NE India) of a cave-adapted fish related to the Golden Mahseer, *Tor putitora* (Hamilton 1822). *Cave and Karst Science*, Vol.46, No.3, (2019), 121–126. ISSN 1356-191X.
- VI. Shangpliang, P.W., Shadap, R., Hooroo, R.N.K., Nongkynrih, S.J., Kharkongor, M., Rangad, D., Tron, R.K.L. (2021). “The first comprehensive description of the normal development of Annandale’s High Altitude Frog, *Kurixalus naso* (Annandale, 1912)”. *Current Herpetology*, 40(2):137-150.
- VII. Rangad, D., Tron, R.K.L, Shangpliang, P.W., and Hooroo, R.N.K. (2022) “Reproductive

activity and terrestrial oviposition of *Polypedates himalayensis* (Annandale, 1912) in the hilly terrain of Meghalaya, Northeast India”. *Sauria*, 44 (3):61-69.

BOOK CHAPTER

I. Contributed two chapters on Wild Meghalaya and The People of Meghalaya in a book entitled “*Meghalaya Rivers*” by Joe Rea-Dickens, Dan Rea-Dickens and Zorba Laloo published in Penguin Enterprise by Penguin Random House India, 2018. ISBN 9780670090082.

II. Tron, R.K.L., Rangad, D., Shangpliang, P.W., Manners, B., Rynjah, I. (2021). “*The role of community reserved forests in the conservation of anuran amphibians in Meghalaya, North-East India*”. DOI:<http://dx.doi.org/10.5772/intechopen.99750>

Abstracts & Presentation in National/ International Seminar/Symposium

A. Oral Presentations:

1. Presented a paper entitled “Habitats of some Anurans of Meghalaya” in the workshop – 1st SERC School in Herpetology held at North Orissa University, Baripada, from 26th December 2007 to 8th January 2008.
2. Presented a paper entitled “An overview on the Anuran Fauna of Shillong, East Khasi Hills District, Meghalaya” in the National Symposium on “Advances in Zoology: Faunal Diversity and Ecophysiology” held at the Department of Zoology, North Eastern Hill University, Shillong from March 13-14, 2008
3. Presented a paper entitled “A Study on the Anuran Fauna of East Khasi Hills District, Meghalaya, North East India” at the UPE-Bioscience Seminar on Assessment, Conservation and value addition of Biodiversity, organized by School of Life Sciences, NEHU, Shillong-22 from 22nd to 23rd April, 2010.
4. Presented a paper entitled “A study on the breeding habits of four Anuran species of East Khasi Hills, Meghalaya” in the “National Seminar on Faunal Diversity and Ecophysiology” organized by the Department of Zoology, NEHU, Shillong on February 28th and 29th, 2012.
5. Presented a paper entitled “A Study on the amphibian fauna of East Khasi Hills District, Meghalaya, Northeast India” in the UGC-SAP (DRS) sponsored National Seminar on

“Current Trend of Wildlife Research in India with Special Reference to Herpetology” held during 10th – 11th March, 2012 at P. G. Department of Zoology, North Orissa University, Baripada, Odisha.

6. Presented a Paper entitled "A study on the breeding behaviour and oviposition of *Polypedates himalayensis* (Annandale, 1912) in the hilly state of Meghalaya, North - east India." in the national seminars on " Life and Life Processes" interdisciplinary approach for sustainable development on the 19th -21st of July 2021 organized by the Department of Zoology, Goa University.

B. Poster Presentation:

Poster presentation entitled “Anuran Fauna of Cherrapunjee, East Khasi Hills District, Meghalaya” at the 5th DST-SERB School in Herpetology held at North Orissa University, Baripada, Odisha, India from 24th February 2012 to 9th March 2012

Additional Responsibilities since 2018 (in St Edmund’s College):

1. Member of the Committee for Extra & Curricular Activities of the College.
2. Member of the Music Club, SEC
3. Member of the Science Club, SEC
4. Actively involved in organizing the Inauguration, Young Talent Time and Grand Finale of the College Week Edblazon 2018, 2019, 2020 and 2022.
5. Teacher In-charge of Western Music during Edblazon 2018, 2019, 2020 and 2022.
6. Member of the Help Desk during the First Online Examination 2020.
7. Member of the Organizing Committee in the Science Mela conducted by the Science Club in collaboration with IQAC, St. Edmund’s College held on the 10th & 11th of December 2021.
8. Member of the Organizing Committee in the celebration of World Music Day conducted by the Music Club, SEC held on the 21st of June 2021.
9. Member of the Organizing Committee in the celebration of Pre-Christmas Celebration conducted by the Music Club, SEC held on the 15th of December 2021.