

Kumar Kritartha Kaushik, M.Sc.

Position: Assistant Professor

Contact no.: +91-8638589259

Email: kkritartha@gmail.com; kritartha@tezu.ernet.in

Area of interest: Probiotics, Metagenomics, Ecology

Research Activities: Pursuing Ph.D. in Deptt. of Molecular Biology & Biotechnology from Tezpur University, Sonitpur, Assam

Manuscripts Published and in Preparation:

A. Journals:

1. **Kaushik, K. K.**, & Sahu, P. Effects of lindane (δ - isomer) on adrenal glands in mice (*Mus musculus*). *Int J S Res Sci. Tech.* (IJSRST) 2018 Mar-Apr; 4(5): Page No.:1508-1514 (ISSN: 2395-6011). DOI: 10.32628/IJSRST1845407.
2. **Kaushik, K. K.**, Sahu, P. & Nath, R. Length-weight relationship of *Notopterus notopterus* (Pallas, 1769), *Anabas testudineus* (Bloch, 1792) and *Clarias batrachus* (Linnaeus, 1758) from Pokoriya river, Morigaon, Assam, India. *International Journal of Scientific & Technology Research*, Oct 2019; Page No.:3087-3088. (ISSN 2277-8616). Scopus.
3. **Kaushik, K. K.**, Sahu, P. & Dutta, K. Protozoan diversity in Deepor Beel, Assam, India. *International Journal of Scientific & Technology Research*, Dec 2019; Page No.:1703-1706 (ISSN 2277-8616). Scopus.
4. **Kaushik, K.K.**, Sahu, P. & Chutia, B.C. Diversity and abundance of butterflies in and around Sivasagar tank (Borpukhuri), in Sivasagar District, Assam, India. *Ecology, Environment & Conservation*, Vol 26, Issue 1, 2020; Page No.: 135-141. ISSN 0971-765X. Scopus.

B. Book Chapter:

1. Nath, Dr. R., **Kaushik, K.K.** & Sahu, P., 2019. Land Restoration in Mining Areas and Environmental Concerns. *Ecology, Environment & Conservation*. Published by ALA publications, Guwahati, India. Edited by Dr. A K. Hazarika. ISBN: 978-81-903242-2-5.

2. Sahu, P., **Kaushik, K.K.**, Lu, T. & Dong, K., 2020. Surfactin -a biosurfactant against breast cancer. *Microbial Biosurfactants - Preparation, Properties and Applications*. To be published by Springer Nature. Edited by Dr. I Inamuddin, Dr. I. Ahamed, & Dr. R Prasad. (Accepted)

Seminar Presented:

1. Participated in UGC sponsored National Conference on “Wildlife Trafficking and Concern to Biodiversity of North East India” organized by Deptt. of Zoology, Dhing College, and presented a paper on “Biodiversity of Assam and its Conservation” on 17.06.2017.
2. Participated in UGC sponsored State Level Conference on “Prospect of Applied Ethnobotany in Northeastern Region of India” organized by Deptt. of Botany, Dhing College, and presented a paper on “Ethnomedicinal plants used by Tiwa tribes of Mayanguri Village, Morigaon, Assam, North-Eastern India” on 21.06.2017.
3. Participated in “National Seminar and Workshop on Applications of Nanotechnology and Biotechnology in Daily Life (NSW-ANBDL) – 2019” organized by Sibsagar College, Assam and presented a paper on “Production of Cellulase and Protease in the gut of Pati hanh” on 27.09.2019.
4. Participated in “National Seminar on Current Research in Drug Discovery and Development– 2019” organized by Department of Pharmaceutical Sciences, Dibrugarh University, Assam and presented a paper on “Isolation of Potential Cellulase and Probiotic Bacteria in the Gut of Pati hanh” on 14.11.2019.

Awards or Achievements:

1. INSPIRE Fellowship awarded by Department of Science & Technology, India in 2018 for Ph.D.
2. Qualified GATE: Life Sciences (XL)-2017, Ecology & Evolution (EY)-2018.
3. Qualified SLET: Life Sciences-2017.
4. INSPIRE SHE Scholarship awarded by Department of Science & Technology, India in 2012 for B. Sc. & M. Sc.
5. Selected for Science Academies’ Summer Research Fellowship Programme by Indian Academy of Sciences, Bengaluru in 2016.

6. Selected for first Bijnan Jyoti Jatra organized by Assam Science Technology & Environmental Council in 2010 and won first prize in Quiz competition.
7. District Level merit scholarship and award for securing 10th position at Class-VII merit examination in Nagaon district. (2006).
8. District Level merit scholarship and award for securing 3rd position at Class-IV merit examination in Nagaon subdivision (2003).