

FACULTY MEMBERS' ACADEMIC PROFILE

1. **Name of the Faculty member:** Priti Chatterjee
2. **Designation:** Assistant Professor in Zoology
3. **Qualification:** M.Sc., Ph.D.
4. **Specialization:** Molecular Biology and Genetics
5. **E-mail address:** pritchatterz@gmail.com
6. **Date of Joining in W.B.E.S.:** 02-01-2025
7. **Date of Joining in this College:** 02-01-2025
8. **Total Teaching experience at the college level:** 2 months
9. **Research interests:** Cancer Biology, Computational biology, Molecular biology.
10. **Title of thesis (Ph.D.) with year:** Interplay of Growth Factor Signaling and Metabolic Adaptations in Tumour Cells Promoting Oncogenesis (2024)
11. **Research guidance:** Nil
12. **Research Projects (Completed and ongoing):** Nil
13. **List of publications:**
 - A) **Published papers in Journals:**

Original research articles:

 - Chatterjee, P., Ghosh, D., Chowdhury, S. R., & Roy, S. S. (2024). ETS1 drives EGF-induced glycolytic shift and metastasis of epithelial ovarian cancer cells. *Biochimica et Biophysica Acta (BBA)-Molecular Cell Research*, 1871(8), 119805.
 - Chatterjee, P., Bhowmik, D., & Roy, S. S. (2023). A systemic analysis of monocarboxylate transporters in ovarian cancer and possible therapeutic interventions. *Channels*, 17(1), 2273008.

Book Chapter:

 - Ghosh, D., Chatterjee, P., Mitra, T., & Roy, S. S. (2022). Association of Oxidative Stress and Mitochondrial Dysfunction to Gynecological Malignancies. In *Handbook of Oxidative Stress in Cancer: Mechanistic Aspects* (pp. 165-183). Singapore: Springer Nature Singapore.
 - B) **Conference Proceedings:** Nil
14. **Membership of Learned Societies/ Editorial Boards, etc.:** Nil
15. **Patents:** Nil



16. Awards: Nil

17. Other notable activities:

- Participated as a **Resource Person** in Skill Development Program 2021 at CSIR-IICB.
- Participated as a **Volunteer** in the Indian International Science Festival 2019 (Face to Face with new Frontiers in science)

18. Participation in

A) Seminars/Symposia/Conferences/Workshops:

1. Presentation:

- Poster at 8th International Conference on Molecular Signaling and 4th Cesin Symposium Signaling in Disease Management and Diagnostics. (2023)
- Poster at 91st Annual Meeting of Society of Biological Chemists, India. (2022)
- Poster at 14th Annual Meeting of The Proteomics Society India and International Conference on Proteins and Proteomics. (2022)
- Oral presentation at Society of Biological Chemists, Kolkata chapter. (2022)
- Poster at 10th East Zonal Oncology Symposium, Kolkata. (2019)
- Poster at the 18th All India Congress of Cytology and Genetics & International Symposium, Kolkata. (2018)

2. Attended:

- EMBO virtual workshop on “Cell size and growth regulation” in June 2021.
- Workshop on Next Generation Sequencing & Big Data Analysis organized by CSIR-IICB (2018)
- Training Programme on Laboratory Safety: Biosafety, Chemical Safety, Radiation Safety & Fire Safety organized by CSIR-IICB (2017)

B) OP/RC:

Nil