



I completed my B. Pharm from Guru Ghasidas Central University, Bilaspur, with a CGPA of 9.18, securing 3rd rank in the department. I qualified CUET PG-2024 and GPAT-2024 with an All India Rank of 275. Currently, I am pursuing my M. Pharm in Pharmaceutical Chemistry at the Department of Pharmaceutical Technology (DTC Lab), Jadavpur University, Kolkata, under the supervision of Prof. (Dr). Kunal Roy. My research focuses on QSPR, q-RASPR, and machine learning-based modeling of per- and polyfluoroalkyl substances (PFASs) to assess their environmental and human health impacts. Additionally, I have developed a Python-based tool to enhance the applicability of my research.

My first research paper, titled “*Prediction of bioconcentration factors (BCFs) and bioaccumulation factors (BAFs) for per- and polyfluoroalkyl substances (PFASs) using Read-Across and q-RASPR*” (<https://doi.org/10.1016/j.scitotenv.2025.180007>), has been published in *Science of the Total Environment*.