



**Name:** Archita Patra

**Regd no:** 220506292004

**Bio/ Short introduction:** As a doctoral candidate at Centurion University of Technology and Management, I'm delving into life sciences with a focus on biotechnological methods, especially genome editing. My research revolves around enhancing the resistance of *Capsicum annum* (chilli) plants against fungal pathogens by targeting susceptible genes. I aspire to fortify chilli plants and mitigate biotic stress using advanced genetic manipulation techniques. Beyond academia, I enjoy cooking and am keenly interested in exploring history, archaeology, and literature.

**Research interest:** Plant biotechnology, Bioinformatics, Genome Editing, Gene Sequencing.

**Supervisor:** Dr. Rukmini Mishra

**Contact:** patraarchita1@gmail.com