



Name: Dibyashree Soumyakanta Jena

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Bio/ Short introduction: As a PhD candidate at Centurion University of Technology and Management in the field of life sciences, I am utilizing biotechnological approaches, particularly genome editing, to address biotic stress in *Oryza sativa* (rice). My specific focus revolves around editing the susceptible genes responsible for combating fungal pathogens that affect rice. Through my research, I aim to enhance the resilience of rice plants against these pathogens using advanced genetic manipulation techniques. Outside of my academic pursuits, I find solace in expressing my creativity through drawing on canvas and sketching, which serve as a welcome outlet for relaxation and self-expression.

Research interest: Genome editing, Plant biotechnology, Bioinformatics, Plant breeding.

Supervisor: Dr. Rukmini Mishra

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