Anjali Singh

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# Summary

Fresh graduate from Maitreyi College. Completed MSc. Plant Biotechnology from Banaras Hindu University. My thesis work is on the abiotic stress physiology of plants. My two-time internship/ work experience in the field of molecular biology related to DNA isolation, purification and quantification, PCR amplification, and Gel electrophoresis at the Division of Genetics and Centre for Protected Cultivation Technology, ICAR- IARI, Delhi. I am looking for a Ph.D. to continue my research work and gain research experience for the future.

# Education

**Central University of Jharkhand**

Ph.D. Life Science

2024

 **Banaras Hindu University**

Master's degree, plant biotechnology

2020 - 2022

 **Maitreyi College, University of Delhi** Bachelor of Science - BS, BSc. (Hons.) botany 2017 - 2020

# Project

**Mushroom and Leaves composting**

It was a group project of 4 members. We compare both mushrooms and leaves to identify which one is better in terms of quality content, soil improvement, and productivity of plants.

**Experience**

7 June 2021-6 August 2021 Fine mapping of novel leaf rust resistance gene in *Triticum militinae* derivative TMD11-5

14 August 2023- 14 October 2023 Characterization and Introgression of Phytophthora root rot resistance in

KTC- 152 line to develop capsicum hybrid for protected cultivation.

# Skills

DNA Isolation • Plasmid Isolation • Biostatistics • Bioinformatics • Vermicomposting • DNA Extraction • •Gel electrophoresis • Polymerase chain reaction • Microsoft Excel • SPSS • DNA quantification • DNA purification

Anjali Singh - page 1