# MADHULIKA SINGH

## Associate Professor

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| **Email** | madhu.ssnc@gmail.com |
| **Web-Page/ Bio-data** | **MADHULIKA SINGH CV** |

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| **Academic Qualifications: M.Sc; M.Phil; PhD (Persuing)** | | | |
| **Teaching Experience (Year)** | ~ 19 Years | **Research Experience (Year)** | 05 |
| **Area of Research/ Specialization** | **Environmental Microbiology** | | |

**Publications**

1. **M. Singh*** and N. Tiwari. Microbial Amelioration of Salinity Stress in HD 2967 Wheat Cultivar by Up-Regulating Antioxidant Defense. *Communicative & Integrative Biology,* 2021, 14 (1), 136-150. *Corresponding author.

2. **M. Singh*** and N. Tiwari. Thidiazuron outpaces 6-benzylamino purine and kinetin in delaying flower senescence in Gladiolus grandiflora by alleviating physiological and biochemical responses. *Journal of Applied Biology & Biotechnology,* 2021*, 9 (4), 56-62.* *Corresponding author.

3. Bisht S, Singh S, **Singh M**, Sharma JG. Augmentative role of Piriformospora indica fungus and plant growth promoting bacteria in mitigating salinity stress in Trigonella foenum-graecum. Journal of Applied Biology and Biotechnology. 2022 Jan 7;10(1):85-94.

4. Singh S, **Singh M**, Bisht S, Sharma JG. Leaf senescence and its regulation with phytohormones and essential elements: An overview. Journal of Applied Biology and Biotechnology. 2022 Feb 15;10(2):185-97.

5. **Singh M**, Bisht S, Singh S, Sharma JG. Implications of abiotic stress tolerance in arbuscular mycorrhiza colonized plants: Importance in plant growth and regulation. Journal of Applied Biology and Biotechnology. 2022 Sep 20;10(6):1-11.