

Bio-data

Name: **Ms. Brunda B N**

Designation: **Scientist B**

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Educational Qualification: (BSc/MSc onwards)

2020 - 2022 **MSc (Agril.)** – Division of Microbiology, Indian Agricultural Research Institute, New Delhi, INDIA. [GPA 8.48 (84.80%) on 10.00 point scale]

Assessment of Actinobacteria for Plant Growth Promotion in Aerobic Rice under Water Deficit-Stress

- To screen and identify prominent actinobacterial isolates for water deficit-stress tolerance and plant growth promotion traits under in vitro conditions.
- In planta evaluation of selected actinobacteria for their potential plant growth promotions in aerobic rice under water deficit-stress.

2016 - 2020 **BSc (Agril.)** – University of Agricultural Sciences, Bangalore, INDIA
[GPA 8.72 (87.20%) on 10.00 point scale]

Awards/honour/Fellowship (if any):

- a) Award of ICAR-PG Scholarship
- b) First rank holder certificate in Post Graduation
- c) Qualified ASRB NET
- d) Young Microbiologist Award by Vigyan Varta Outstanding Achievers Awards 2022
- e) Presentation Excellence Award by Florafauna Innovation Summit 2023
- f) Young Researcher Award by 'International Conference on Climate Resilient Agriculture for Sustainable Agricultural Productivity (ICRSP-2023)'
- g) Honoured by Karnataka State Government as Taluk Topper during Matriculation

Publications:

Popular Articles

- a) Brunda, B.N. and Syam, S (2023), Pusa's Biofertilizers and their formulations, *Times of Agriculture*, 3(1): 67-68.
- b) Brunda, B.N. (2023), Impact of Nanoparticles on Tripartite Symbiosis, *Times of Agriculture*, 3(3): 51-52.
- c) Brunda, B.N. (2023), Microbial Way to Revitalize Mulberry Garden, *Just Agriculture*, 3(8): 317-318.
- d) Brunda, B.N. (2023), Actinobacterial Way of Nitrogen Fixation, *Just Agriculture*, 3(10): 7-8.
- e) Brunda, B.N. (2023), Soil Microbiome- Simple way of defining it, *Just Agriculture*, 3(10): 441-443.
- f) Brunda, B.N. and Syam S (2023), Soil Microbiome and its diversity Assessment, *Times of Agriculture*, 3(7): 38-39.

Book

- a) Dr. T. Pradeesh Kumar, Dr. Akanksha Singh, Dr. Ashok S. Dambale, **Brunda B.N.** and Dr. D.K. Mahto (2023), Farming System and Sustainable Agriculture, Scripown Publications.

Review articles

- a) **Brunda BN** and Roopam Kumawat (2023), Green synthesis of silver nanoparticles and their impact on plant microbial symbioses, *The Pharma Innovation Journal*, 11(12): 6076-6078. (NAAS rating: 5.23).
- b) **Brunda BN** and Manoj SH (2023), Beneficial microorganisms in mulberry cultivation, *The Pharma Innovation Journal*, 12(4): 782-783. (NAAS rating: 5.23).
- c) **Brunda BN** and Roopam Kumawat (2023), Actinorhizal plants: How they fix nitrogen, *The Pharma Innovation Journal*, 12(6): 1134-1135. (NAAS rating: 5.23).

(Brunda B N)