Bio-data of the scientist

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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 Asssessment, *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).