

Rajan L Fradlin Singh M.Sc, Ph.D, Agricultural Microbiology

Bethel cottage

Jai nagar, Pechipparai

Kanyakumarai District

Email:fradlinsinghrajani@gmail.com

Contact No:9498433965



PROFILE

Motivating and talented professional driven to inspire students to pursue academic and personal excellence. Strives to create a challenging and engaging learning environment in which students become lifelong scholars and learners. Have practical knowledge in microbiological lab works in the field of agriculture.

EDUCATION QUALIFICATION

Exam Passed	Board/University	Subjects	Year	Marks obtained/OGPA	Division/Grade Merit etc.
Ph.D. (Ag.) Research Degree	Annamalai University	Agricultural Microbiology	2020-2023	Thesis Submitted	
M. Sc. (Ag.) Master's Degree	Annamalai University	Agricultural Microbiology	2018-2020	8.02/10.00	First class
B.Sc. (Ag.) Bachelor's Degree	Annamalai University	Agriculture	2014-2018	7.31/10.00	First class
H. Sc.	Board of Higher Secondary Education	Physics, Chemistry, Botany and Zoology	2014	959/1200	
S.S.L.C.	Board of Secondary Education		2012	383/500	

Research Title in Master's Degree

Studies on the Development of Anaerobically digested distillery effluent for mass production of *Spirulina platensis*.

Research Title in Doctorate Degree

Development of Liquid formulation of Bioinoculant consortium and their efficacy studies on Brinjal (*Solanum melongena* L).

Area of Specialization: Food Microbiology, Soil microbiology, Bio inoculant formulation technology.

Fellowship awarded during Doctoral degree: Rajiv Gandhi National Fellowship and Scholarship for Higher education for ST students.

PUBLICATIONS

S. No.	Authors	Title of the Paper	Journal Published
1.	Kumaresan G, Rajan L Fradlin Singh and Sivasakthivelan P.	Phytoremediation of distillery effluent using <i>Spirulina platensis</i>	Journal of Pharmacognosy and Phytochemistry 2019 ; SP2: 635-637
2.	Kumaresan G, Sivakumar K and Rajan L Fradlin Singh .	Effect of abiotic factors on the growth of <i>Spirulina platensis</i> strains	Plant Archives. Vol. 20, Supplement 2, 2020 pp. 4259-4263
3.	Kumaresan, G, Jayachitra J, Rajan L Fradlin Singh and Shanthi R.	Field evaluation of different formulations of <i>Azospirillum</i> and Phosphobacteria inoculants on maize crop.	Indian Journal of Natural Sciences. 2022 . 13(74), 47965-47970.
4.	Kumaresan G, Muthamilarasi B and Rajan L Fradlin Singh .	Co inoculation effect of liquid formulation of Rhizobium and Phosphobacteria on growth and yield of groundnut (<i>Arachis hypogea</i> L.)	Indian Journal of Natural Sciences. 2022 . 13(74), 48195-48200
5.	G. Kumaresan, Rajan L Fradlin Singh and Muthamilarasi B.	Interaction effect of liquid formulation of <i>Azospirillum</i> and Phosphobacteria on	Indian Journal of Natural Sciences. 2022 . 13(74), 47545-47550

		growth and yield of tomato	
6.	Rajan L Fradlin Singh and G. Kumaresan	Isolation and Analyzing of Plant Growth Hormone Production by Phosphate Solubilizing Bacteria	Indian Journal of Natural Sciences. 2023 . 14(18), 61212-61220.
7.	Rajesh C, Kumaresan G and Rajan L Fradlin Singh	Isolation, Identification of Phosphate Solubilizing bacteria (PSB) isolated from Onion fields	International Journal of Pharmaceutical Research and Applications. 2023 . 8(6), 2767-2771

POPULAR SCIENCE ARTICLES

S. No.	Authors	Title of the Paper	Journal Published
1.	Rajan L Fradlin Singh , Kumaresan G and Santhana Bharathi S.	A note on Pink Pigmented Facultative Methyloph (PPFM).	Farm chronicle. Vol.02(13), August 2023 , pp.16-17

TRAINING PROGRAMME ATTENDED

1. Seven-day **International Training** Programme on **Drone Manthan** jointly organised by **DFSRDA-NAHEP, VNMKV, Parbhani & Just Agriculture Education Group** from 20-26 November, 2022.
2. RUSA 2.0 Sponsored Short term training Programme on **Entrepreneurship Through Organic Farming (STTP-ETOF-2023)** organized by the Department of Agricultural Microbiology Faculty of Agriculture, Annamalai University and Equal opportunity cell-SC/ST, Annamalai University during 17th to 21st April, 2023.

SEMINAR/CONFERENCE PARTICIPATED AND PRESENTED

1. **Participated** in UGC SAP DRS-II sponsored workshop on **Abiotic Stress Tolerance in Crop Plants** held on 11-10-2018 and 12-10-2018 in the Department of Genetics and Plant Breeding, Faculty of Agriculture, Annamalai University.
2. **Presented** an oral poster entitled **Growing of *Spirulina platensis* using anaerobically digested distillery effluent** in the **National conference on Novel Microbial Technologies for Sustainable Agriculture and Allied Industries (NMTSAAI-2019)** held during 28th and 29th January, 2019 at the Department of Agricultural Microbiology Faculty of Agriculture, Annamalai University.
3. **Presented** an oral poster entitled **Plant Growth Promoting Rhizobacteria for the Growth Enhancement in Tomato** in the **National seminar on Competence in Biological Science (CBS-2019)** held during 15th February, 2019 at the Department of Microbiology and Biotechnology at Sri Ganesh College of arts and Science, Salem, Tamil Nadu.
4. **Participated** in UGC-SAP Sponsored one day National seminar on **Marine Resources including Mangroves-A Promising Future** organised by Centre of Advance Study in Marine Biology, Faculty of Marine sciences, Annamalai University, Parangipettai during 11th March.
5. **Presented** oral paper entitled **Interaction effect of liquid formulation of *Azospirillum* and Phosphobacteria on growth and yield of groundnut** in the DST PURSE II sponsored **National Seminar on Revitalizing Soil Health Through Natural Resource Management in a Climate Change Era (RSHNRM,21)** held on 28th and 29th March-2022.

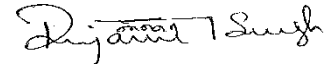
PERSONAL PROFILE

- Father's name : S. Rajan
- Mother's name : V. Laila Jenat Bai
- Address : Bethel cottage, Opposite government higher secondary school, Jai nagar, Pechipparai
- Date of Birth : 06-03-1996
- Age : 28

- Languages known to speak : Tamil, English, Malayalam
- Languages known to write : Tamil, English
- Nationality : Indian
- Marital status : Single

Declaration:

I hereby declare that all the information given above is true and correct to the best of my knowledge. All the information shared in the resume is correct and I take full responsibility for its correctness. I solemnly declare that the information in this resume is true to the best of my knowledge and belief.



Rajan L Fradlin Singh

Reference:

1. Dr. G. Kumaresan
Assistant Professor (Agricultural Microbiology)
Agriculture College and Research Institute
Tamil Nadu Agriculture University
Kurukkuthi, Kizhvelur
Nagapattinam-611104
Ph: 9150089315, 8903447390
Email: microsen1974@gmail.com

2. Dr. K. Sivakumar
Assistant Professor (Agricultural Microbiology)
Horticulture College and Research Institute
Tamil Nadu Agriculture University
Pechipparai
Kanyakumarai-629101
Ph: 9788851100
Email: ksivamicro@gmail.com