

RESUME



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Assistant Professor,
Department of Microbiology,
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Personal Data

Permanent Address

1/74, West Street,
Kiliyanur,
Orathur (PO)
Chidambaram (Tk)
Cuddalore (Dt)
Pincode: 608 201

Date of Birth:

12.06.1986

Father's Name:

Mr.S. Uliyan

Sex

Male

Languages Known:

Tamil and English.

Marital status

Married

Nationality

Indian

Religion

Hindu

Academic Profile

EDUCATIONAL QUALIFICATION

Qualification	College/University	Duration	Grade percentage
Ph.D. in Microbiology (Full-time)	Annamalai University	2009-2013	Awarded (26, July, 2013)
M.Sc (Microbiology)	Annamalai University	2004 – 2009	OGPA- 7.12 out of 10.00 OGPA 71% (First class)
H.Sc	Thiruvalluvar Higher Secondary School, Orathur	2004	61%
S.S.L.C	Thiruvalluvar Higher Secondary School, Orathur	2002	50%

Teaching Experience (UG and PG)

S.NO	Name of the institution	From	To	YY/MM/DD
1.	A.V.C College (Autonomous), Mannampandal.	02.07.2018	Till date	01/04/00
2.	M.R. Govt. Arts College, Mannargudi.	01.06.2017	29.06.2018	01/00/00

Project Titles

- **M.Sc** – Isolation and characterization of PGPR from the rhizosphere soil of tomato plant.
- **Ph.D** – Studies on the Development of plant growth promoting rhizobacteria consortium for the growth, nutrition and forskolin content of *Coleus forskohlii*.

Research articles published in National and International (peer reviewed) Journal

1. **Sakthivel, U., Mahalakshmi, S and Karthikeyan, B**, 2009. Studies on isolation and characterization and its effect of seed inoculation of PGPR (*Pseudomonas fluorescens*) on yield of tomato. *J. Phytol.* 1(1):33-39.
2. **Sakthivel, U and Karthikeyan, B**, 2012. Isolation and characterization of plant growth promoting rhizobacteria (PGPR) from the rhizosphere of *Coleus forskohlii* grown soil. *International Journal of Recent Scientific Research*, Vol. 3, Issue, 5, pp.288 – 296.
3. **Sakthivel, U and Karthikeyan, B**, 2012. Effect of Plant Growth Promoting Rhizobacteria for the Growth and Yield of *Coleus forskohlii*. *International Journal of Current Advanced Research*, 1(3): 39 – 43.
4. **Christinal, V, P. Tholkkappian and U. Sakthivel**, 2012. Effect of dual inoculation with *Glomus fasciculatum* and Rhizobacteria on the growth and yield of Chilli. *Golden Research Thoughts*, 2(5): 1-12.
5. **Sakthivel, U and B. Karthikeyan**, 2013. Development of plant growth promoting rhizobacteria (PGPR) inoculants in different carrier materials for longer shelf life. *Res. J Biol. Sci.* (1): 34-44.
6. **Anis Kumar, M, Sakthivel, U and Selvamani, P** 2015, ‘Plant growth promoting rhizobacteria (PGPR) cells mediated antibacterial activity in the extracts of *A. paniculata*’. *Asian Journal of Microbiology, Biotechnology & Environmental Sciences*. vol.17, pp.155-158. ISSN:0972-3005.
7. **Sakthivel, U., Karthikeyan, B and Mahalakshmi, S** 2016. Synergistic Effect of *Glomus fasciculatum* and PGPR inoculation on growth and yield of *Coleus forskohlii*. National Conference on “Environmental Issues and Mitigations for Sustainable Development” conducted 4th and 5th of November 2016, Organised by Department of Chemical Engineering, Faculty of Engineering and Technology, Annamalai University.
8. **S. Mahalakshmi, Reetha, D and Sakthivel, U** 2016. Development of PGPR strains to improve the shelf-life in different bioformulation. National Conference on “Environmental Issues and Mitigations for Sustainable Development” conducted 4th and 5th of November 2016, Organised by Department of Chemical Engineering, Faculty of Engineering and Technology, Annamalai University.
9. **Sakthivel, U and B. Karthikeyan**, 2016. Effect of microbial inoculants and water drought on antioxidant enzymes status in *Coleus forskohlii*. *International Journal of Current Science and Technology*, 4 (12): 306-311.

Seminars/ Conferences/ Workshop attended

S. No.	Name of the Conference	Place / Organization	Period
1.	National workshop on climate change mitigation for sustainable future.	Department of Chemical Engineering, Annamalai University.	February - 20, 2009
2.	National Seminar on sustaining the food and nutritional security through processing and preservation of foods.	Department of Agronomy, Faculty of Agriculture, Annamalai University.	March 18 & 19, 2009
3.	International Conference on challenges in biotechnology and food technology (ICBF-2009).	Department of Chemical Engineering, Annamalai University.	October, 8-10, 2009
4.	Workshop on "Role of potassium nutrition to sustain crop production in Tamilnadu (ROPON)".	Department of Soil Science and Agricultural Chemistry, Faculty of Agriculture, Annamalai University	January-22, 2010
5.	National conference on "New challenges and opportunities in soil organic matter research (NECOSOR)".	Department of Soil Science and Agricultural Chemistry, Faculty of Agriculture, Annamalai University	February-26, 2010
6.	Workshop on "University sponsored Prof. K.S. Sonachalam memorial XX Inter-Disciplinary Research Methodology workshop".	Department of economics, Annamalai University.	February, 27- March 2, 2010
7.	2 nd International conference on "Challenges in Biotechnology and Food Technology (ICBF-2012)".	Department of Chemical Engineering, Annamalai University.	January 09 to 10, 2012
8.	Indo- German workshop on "Technical feasibility and economic viability of soil additives and injection techniques".	Department of Agriculture Economics, Faculty of Agriculture, Annamalai University.	March-08-10, 2012
9.	International conference on "Science and technology for clean and green environment (STCGE-2012)".	Department of Zoology, Zoology wing (DDE), Annamalai University.	July 27 - 28, 2012.
10	National Seminar on Golden Thoughts on Current Microbial Research.	Department of Microbiology, Annamalai University	15 th March, 2013.
11	National Seminar on Farming Systems.	Department of Agronomy, Annamalai University	19 th March, 2013.
12	National Conference on Phytomedicine Research and Challenges.	Department of Biochemistry & Biotechnology, Annamalai University	30 th March, 2013.
13	UGC sponsored National seminar on Frontiers in Applied Microbiology.	Department of Microbiology, Annamalai University	14 th February, 2014.
14	UGC sponsored National conference on Environmental Issues and Mitigations for Sustainable	Department of Chemical Engineering & Technology, Annamalai University	4 th and 5 th November, 2016

	Development		
15	International conference on Recent Scenario in Plant Science Research- climate change and its associated variations (ICRSPSR-2018)	Department of Botany, Faculty of Science, Annamalai University	23 -25, March-2018
16	National seminar on Vermibin management and marketing of vermi products-2018	Department of Zoology, Faculty of Science, Annamalai University	10 th October, 2018
17	National conference on novel microbial technologies for sustainable Agricultural & Allied Industries	Department of Microbiology, Faculty of Agriculture Annamalai University	28 th -29 th , 2019

As Research Personnel

Role : **Project Fellow (UGC-Major Research Project)**
 Title : Development of Plant Growth Promoting Rhizobacteria for their Influence on Disease Management of Certain Species of Commercially Grown Medicinal Plant
 Funding Agency : University Grants Commission (UGC), New Delhi
 Duration : 01.07.2011 to 01.07.2014

Editorial member in International Journal

- International Journal of Current Advanced Research.

Book Chapter Published

- Book Chapter on “**Bacteria in Agrobiolgy: Crop Productivity**”. Karthikeyan, B., U. Sakthivel and J. Srimannarayanan. **Role of plant growth promoting rhizobacteria for commercially grown medicinal plants (Chapter-3)**. In: Maheswari DK, MeenuSaraf, Abhinav Aeron (Ed.), (2013). **Springer Berlin**, pp.65-76. (DOI 10.1007/978-3-642-37241-43).
- Book Chapter on “**Plant-Growth-Promoting Rhizobacteria (PGPR) and Medicinal Plants**”. UliyanSakthivel and BalathandayuthamKarthikeyan.**Effect of AM Fungi and Plant Growth-Promoting Rhizobacteria (PGPR)Potential Bioinoculants on Growth and Yield of *Coleus forskohlii*(Chapter-5)**. In: D. Egamberdieva et al. (eds.), (2015). © **Springer International Publishing Switzerland**, pp. 89-107. (42, DOI 10.1007/978-3-319-13401-7_5).

Special Research Interest

- Agricultural Microbiology
- Environmental Microbiology
- Industrial Microbiology
- Marine Microbiology

Date : 14.11.19

Place: Mannampandal



(U. Sakthivel)

