

Photo



Email

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ORCID Id: 0000-0002-
8655-7162

Name : Dr K. BALAKUMAR

Designation : Assistant Professor

Education :

- UG- BSc (Microbiology), Madras University, 1995)
- PG - MSc (Microbiology), Bharathidasan University, 1997)
- M.Phil - (Biotechnology), Bharathidasan University, 2005)
- Ph.D .- (Microbiology), Annamalai University,2023)

Brief Bio-data:

Dr K. Balakumar completed his Ph.D. in Microbiology with a specialization in Environmental Microbiology from Annamalai University in 2023. His area of research was focused on the Nutritional, Microbiological, Plant growth-promoting potential, and Antimicrobial efficacy of liquid organic manures. He has published research articles on Indigenous Liquid Organic Manures in peer-reviewed journals. He has experience in teaching UG and PG for the past 20 years. He has also guided several research projects for PG students.

He teaches the courses Introduction to Microbes, Microbial Genetics & Molecular Biology, Food, Dairy & Pharmaceutical Microbiology, Analytical Techniques in Biology, Microbial Technology & IPR and Nanobiotechnology for both undergraduate and postgraduates.

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Internal Page with complete CV with the following items

Curriculum -Vitae

1. Name : Dr K. BALAKUMAR

2. Education :

Ph.D. (Microbiology)

University : Annamalai University

Specialization : Environmental Microbiology

Year : 2023

M.Phil. (Biotechnology)

University : Bharathidasan University

Year : 2005

M.Sc. (Microbiology)

University : Bharathidasan University

Year : 1997

B.Sc. (Microbiology)

University : University of Madras

Year : 1995

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University : Bharathiar University

Year : 2013

- 3. Publications:** Published few research articles on Indigenous Liquid Organic Manures in peer-reviewed journals.

Balakumar K, Ganesh P, and Pradeep M. 2021. Nutrient and Microbiological Evaluation of Indigenous Liquid Organic Manures: Panchagavya, jeevamirtham and amirthakaraisal. *International Journal of Botany Studies*. Volume 6, Issue 5, 2021, Page No. 1267-1270.

Balakumar K, and Ganesh P. 2022. Biochemical Analysis of Indigenous Liquid Organic Manures and its Effect on Germination of Chilli Seeds. *Indian Journal of Natural Sciences*. Vol.13 / Issue 72 / June; 42979-42987.

- 4. Research Interests (Environmental Microbiology):** Microbiological and Biochemical Aspects of Indigenous liquid Organic Manures and their Effect on the Seed Germination, Growth and Yield of Vegetable Crops.

5. Courses taught (UG & PG for the past 5 years):

For UG -1. Introduction to Microbes

2. Microbial Genetics & Molecular Biology

For PG -3. Microbial technology & IPR

4. Food, dairy & Pharmaceutical Microbiology

5. Analytical Techniques in Biology (Elective)

6. Nanobiotechnology (Elective)

6. Administrative Positions:

Nodal officer (PG) for Online End Semester Examination during 2020 – 21(Even semester)

Coordinator for Magmeet, Department of Microbiology, MCC during 2016-17.