

Dr. P.U. MAHALINGAM

1. Designation : Professor
2. Centre / Department / School : Department of Biology
3. Qualification : M.Sc., M.Phil., Ph.D
4. Experience (in years) : Teaching: 25.8 years,
Research: 15 years
5. Area of Specialization : 1) Microbial Consortium Technology
2) Compost Technology & Biofertilizers
3) Bio-nanotechnology
4) Biofuel Technology
6. Mobile Number : 9445818371
7. E-Mail ID : pumahalingam.gri@gmail.com / pumahalingam@yahoo.co.in
8. Orcid ID : www.orcid.org/0000-0003-4808-367X
9. Google Scholar ID : z2M_MsIAAAAJ
10. IRINS Link : https://ruraluniv.irins.org/profile/107244



11. Research Guidance :

Degree	Awarded		Guiding
	Total	For the period 2019-2024	
Ph.D.	13	06	04

12. Publications

S.No.	Category	Total	For the period 2019-2024
1.	No. of UGC CARE Listed Publications	59	17
2.	Books Published	01	--
3.	No. of Chapters in Edited Volume /Proceedings	10	--

Select Publications (2019-2024)

S. No	Title of the Article	Name of the Journal	I/N	ISBN/ISSN	Vol.	Pg.	Month and Year
1.	Dietary nutrients in edible mushroom, <i>Agaricus bisporus</i> and their radical scavenging, antibacterial, and antifungal effects.	Process Biochemistry. (Elsevier)	I	1873-3298	220	291-306	October-2022
2.	Edible mushroom extract engineered Ag NPs as safe antimicrobial and antioxidant agents with no significant cytotoxicity on human dermal fibroblast cells.	Inorganic Chemistry Communications (Elsevier)	I	1387-7003	139	109362: 1-14	May-2022
3.	Antimicrobial, anti-biofilm, antioxidant and cytotoxic effects of bacteriocin by <i>Lactococcus lactis</i> strain CH3 isolated from fermented dairy products – An in vitro and in silico	International Journal of Biological Macromolecules (Elsevier)	I	1879-0003	220	291-306	November-2022
4.	Mycofabrication of gold nanoparticles: Optimization, characterization, stabilization and evaluation of its antimicrobial potential on selected human pathogens.	Biocatalysis and Agricultural Biotechnology. (Elsevier)	I	1878-8181	35	102107 :1-12	August-2021
5.	Probiotic potential of exopolysaccharide producing lactic acid bacteria isolated from homemade fermented food products.	Journal of Agriculture and Food Research. (Elsevier)	I	2666-1543	11	100517 : 1-15	March-2023

13. **Sponsored Projects:**

Major Projects handled so far	
Nos.	Financial Outlay (Rs.in lakhs)
01	10.98

14. No. of Seminars/Conferences/Workshops Organized (2019-2024) : 03

15. No. of Invited Talks in National / International Conferences (2019-2024) : 04

16. **Awards / Honours / Recognitions / Achievements:** (2019-2024):

- Served as Head, Department of Biology, GRI
- Serving as Director, IQAC, GRI
- Served as Coordinator, Dr.T.S. Soundaram Health Centre, GRI
- Served as Director, Placement Bureau, GRI
- Served as Coordinator, Alumni Cell, GRI