

STAFF PROFILE

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Name : **Dr. K. KANNAN**

Designation : **ASSISTANT PROFESSOR**

Date of Entry into Service : **26.06.2018**

E-mail : **Kannan.bdu.micro@gmail.com**

Mobile (Optional) : **9047740928**

Education : **Microbiology, M.Sc., M.Phil., Ph.D.**

Areas of specialization : **Plant Microbe Interaction, Plant Pathology, Agriculture Microbiology**

Projects undertaken

Title of the Project	Name of the funding Agency	Duration	Completed/Ongoing	Amount	Remarks

Seminars Organized

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/International	Co-ordinator/Convener

Seminars, Workshop and Conferences Attended

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/International	Organization in which attended
"Bioinformatics and drug design"	24th September, 2007.	----	Intercollegiate student's seminar	Thiyagarajar College of arts & science
"Molecular evolution and bioinformatics"	February, 2009.	-----	State level student's seminar	Thiyagarajar College of arts & science
'Immunology and	18 and 19		International	Bharathidasan

Immunotechnology" - SOII '09	September, 2009			University, jointly with Indian Immunology Society
"International conference on climatic change and bioresource" (ICCCB-2010)			International	Department of bio technology, Bharathidasan University
In Vitro Toxicology and Vaccinology	2nd October, 2010		National	Mahatma Gandhi-Dorenkamp Center (MGDC)held at Bharathidasan University
Spatial Strategies for Sustainable Management" (SSSM)	February 14-16, 2011		International	Department of Environmental Management, Bharathidasan University
NABS-Fourth Interactive Workshop “ Biotechnological Applications for Sustainable Development	12-13 March, 2011		National	PRIST University, Thanjavur
New Opportunities and Challenges in Microbial Research - (MICREC13)	5 th & 6 th September , 2013		National	Department of Microbiology, Bharathidasan University
TEQIP II Sponsored Faculty Development Programme (FDP) on “Multidisciplinary Perspectives for Pharmaceutical, Life-Science Educators and Researchers	9-15 th December, 2013		National	Department of Pharmaceutical Technology, Anna university
Emerging Challenges in Biotechnology, Human Health and Environment	18-20 December, 2014		International	Devi Ahilya University, Indore, India
National Workshop On “High Performance Liquid Phase Separation Technique	23rd January, 2015		National	Department of Marine Biotechnology, Bharathidasan University
Challenges and Future	6 February,		National	Department of

Prospectus of Applied Research in Life Sciences	2015			Biochemistry, Bharathidasan University
Challenges and Management Approaches for the Crop Diseases of National Importance – Status and Prospects	12-14 February, 2015		36 th Annual Conference and National Symposium	Agriculture College & Research Institute, Madurai
Recent Advances in Industrial Biotechnological Skills Development	30 th and 31 st March, 2015		National	Thiyagarajar College of arts and science, Madurai-625 009.
One Day Awareness Cum Training Programme on “ Shodhganga ETD Database	25-27 February, 2016		National	Bharathidasan university, Tiruchirappalli – 620 024.
Biodiversity and Biotechnology	25-27 February, 2016		International	combined organized by Department of Biotechnology, Bharathidasan university, Tiruchirappalli and Periyar Maniyammai university, Thanjavur.
Intellectual Property Rights	3-4 March, 2016		National Workshop	Department of Botany, Bharathiyar University, Coimbatore.
Plant Tissue Culture and Phytochemistry	21 st March, 2018		National level Lecture Workshop	Department of Botany, School of Life Sciences, Bharathidasan university, Tiruchirappalli – 620 024.
International Conference on PhytoMedicine-ICPM	29-31 August, 2018	SERB, DRDO	International	Bharathiyar University

Books Published:

Title of the Book/ Book chapter Published	ISBN No.	Publisher if any	Year of Publishing	Authored/Edited
Agro-Traditional Practices of Plant Pathogens Control in the book Sustainable Approaches on Controlling of Plant Pathogenic Bacteria.	ISBN: 978-1-4822-4053-5	CRC Press	111-121. (2015).	Authored
Bacteriophages: An Emerging Biocontrol Agent for Plant Pathogenic Bacteria in Sustainable Approaches on Controlling of Plant Pathogenic Bacteria.	ISBN: 978-1-4822-4053-5	CRC Press	297-310. (2015).	Authored

Research Publications:

Title of the Paper and Journal	ISSN No. if any	Volume No. & Page No. if any	Year	International/ National/State
Evidence Based Analysis of a Novel Symbiotic and Epiphytic Cyanobacteria Associated with Azolla by Cyto and Molecular taxonomy in Biotechnology Journal .		13(2), 46-53.	2014	International
Biodegradation of HDPE by <i>Aspergillus</i> spp. from Marine Ecosystem of Gulf of Mannar, India in Marine Pollution Bulletin		96: 32-40.	2015	International
Validation of <i>Alcaligenes faecalis</i> RBL1 Efficacy on Zinc Solubilization in Sorghum bicolor Rhizosphere Soils in Asian Journal of Microbiology, Biotechnology and Environmental Science .	# 0972 – 3005		2017	International
Small molecule “turn on” fluorescent probe for silver ion and application to bio imaging in Journal of Photochemistry & Photobiology A: Chemistry		360:6-12	2018	International
Pyrene based chalcone as a reversible fluorescent chemosensor for Al ³⁺ ion and its biological applications in Journal of Photochemistry and Photobiology A: Chemistry .		In press	2018	International
Ratiometric fluorescent chemosensor		82: 123–	2018	International

for silver ion and its bacterial cell imaging in Optical Materials.		129.		
Characterization of the Bioactive Metabolite from a Plant Growth Promoting Rhizobacteria Pseudomonas aeruginosa VRKK1 and Exploitation of Antibacterial behaviour against Xanthomonas campestris a causative agent of Bacterial blight disease in Cowpea in Achieves of phytopathology and plant protection		Accepted for Publication	2019	International

Research Activities

Degree	No. Awarded	No. Submitted	No. Guiding
M.Phil.,			
Ph.D.,(Part-time)			
Ph.D. (Full-time)			

Details of Invited Lecture / Resource Person

Place	Date	Sponsoring Agency	Topic	Audience type	International/National/State Level
Department of Microbiology, Bharathidasan University.	2016	-----	The Importance of Book Reading	Students and Scholars	University level
Department of Animal Science, Bharathidasan University.	2016	-----	Books are the Eighth Wonder	Students and Scholars	University level

Academic council/Board of Studies Member

Institution	For a period of	Dept.

Honours Achieved

Agency	Recognition IN/National/State	Cash award if any(Amount)	For the service of
Department of Social Work, Bharathidasan University, Tiruchirappalli- 620 024.	University	Cash Prize- 3000rs	1 st prize in Painting Competition inOne Day Awareness Program on “PINK OCTO”- 2014
Library and Information science Department, Bharathidasan University	University	-----	BEST LIBRARY USER – (2014-2015)

Service in Extra Curricular Activities (NSS/NCC/AEEP/YRC/MCCA/Club etc.,)

Whether NSS/NCC/AEEP/YRC	Period
YRC – College level	2006-2009

Reviewer/editor of a journal

Title of the Journal	ISSN No. if any	International/ National/State	Impact factor/h- index
Reviewer in Achieves of Phytopathology and Plant Protection		International	0.1

Details of Orientation and Refresher attended

Orientation/Refresher	University/College/Institute at which attended	Duration	
Refresher training in “Gene Expression Analysis”	Integrated Biotechnology Course, Department of Plant Biotechnology, College of Agriculture, Kerala Agricultural University, Kerala.	From 14 July 2014	To 24 th July 2014

Any Other Information:

- ✓ I have worked as **Fine Arts Tutor/Fine arts Master** for Cauvery College for women, Trichy and Thanthai Hans Roever College, Perambalur in the year 2015, 2016 and 2018.
- ✓ Won "**Fine arts Champion**" at BDU fest 2015 with the team of Cauvery Women's College, Tiruchirappalli- 620024 (1st place in Junk arts, Clay modelling, Poster Making, 2nd place in Rangoli and Collage making).