

Name: Dr. M. Rajkumar Bharathi

Designation: Assistant Professor

Department: Biotechnology SF (Satellite Campus)

Date of Joining: 17.07.2023

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Educational Qualification:

Degree	Subject	College/University & Place	Year Completed
Ph.D	Environmental Biotechnology	M.S. University, Tirunelveli	2008-2012
M.Phil	Marine Biotechnology	M.S. University, Tirunelveli	2006-2007
M.Sc	Environmental Biotechnology	M.S. University, Tirunelveli	2004-2006
B.Sc	Zoology	P.M.T. College, Sankarankovil	2000-2003

Specialization in Teaching: Industrial Biotechnology, Environmental Biotechnology

Specialization in Research: Microbial Enzyme Production, Environmental Biotechnology,
Marine Biotechnology

Work Experience:

Designation	Institution / Company	Year - From (month/year) To (month/year)
Assistant Professor	Sri Ram Nallamani Yadava College of Arts and Science, Tenkasi.	December 2013 to April 2014
Assistant Professor	V.P.M.M Arts and Science College for Women, Krishnankovil.	July 2014 to October 2020
Assistant Professor	Cherran's Arts Science College, Kangayam.	November 2020 to April 2022
Assistant Professor	The Madura College (Autonomous), Madurai.	August 2022 to July 2023

Research Work:

Degree	Individual Project/Group Project	Title of the project
Ph.D	Individual Project	Quality assessment of marine water and sediment in critical locations of the Gulf of Mannar Biosphere Reserve, South India.
M.Phil	Individual Project	Optimization of media components and culture conditions on lipase production by <i>Staphylococcus epidermidis</i> isolated from the gastro intestine of estuarine shrimp <i>Penaeus indicus</i> .
M.Sc	Individual Project	Studies on the bacterial population present in freshwater fish <i>Channa striatus</i> and their sensitivity to different antibiotic.
B.Sc	Group Project	Morph metric analysis of freshwater fish <i>Catla catla</i> .
B.Sc	Field Work (Group project)	Study of child labour problem in Tirunelveli region, Tamilnadu.

Research Fellowship

College/University/Agencies	Fellowship	Period
M.S University, Tirunelveli	University Stipendiary Research Fellow	2009-2010

Paper Presentation

Name of the author	Year	Title of the paper	Conference/Seminar	College/ University
Rajkumar Bharathi, M	2009	Screening isolation, identification of producing <i>Bacillus</i> sp recovered from the soil sample	National Seminar on Man and Microbes	Bharathiar University
Rajkumar Bharathi. M	2009	Studies on production of colcins using fermentation method. <i>National Seminar on Man and Microbes</i>	<i>National Seminar on Man and Microbes</i>	Bharathiar University

Rajkumar Bharathi. M	2010	Influence of seasonal environmental variables on the distribution of faecal indicator bacteria in Kilakarai coastal area of Ramanathapuram	<i>National symposium on Environmental Science and Technology</i>	Manonmaniam Sundaranar University
Rajkumar Bharathi. M	2010	Antibacterial activity and preliminary phytochemical analysis of <i>Tridaxprocumbens</i> and <i>Leucas aspera</i>	<i>National conference on plant and microbial metabolites</i>	Karpagam University

Paper Publication

Name of the author	Year	Title	National/International Journal
Rajkumar Bharathi, M	2010	Influence of seasonal changes and anthropogenic activities on the distribution of coliform bacteria in Kilakarai coastal area of Ramanathapuram, Tamilnadu.	Journal of Basic and Applied Biology
Rajkumar Bharathi. M	2010	Lipase production by <i>Staphylococcus epidermidis</i> CMST-Pi1 isolated from the gut of shrimp <i>Penaeus indicus</i> .	Annals of Microbiology
Rajkumar Bharathi. M	2011	Alleopathic effect of aqueous leaf extract of <i>Parthenium hysterophorus</i> on germination and seedling growth of the <i>Gossypium hirsutum</i>	Journal of Research in Biology
Rajkumar Bharathi. M	2011	Antibiotic sensitivity of bacterial flora isolated from gill and gut of snakehead fish <i>Channa striatus</i> .	College sadhana-Journal of Bloomers Research
Rajkumar Bharathi. M	2014	Comparative Diversity Profiles of Gastro Intestinal Micro Flora of Normal and Sick " <i>Oreochromis Mossambicus</i> " (Peters).	Asian Journal of Pharmaceutical Science and Technology
Rajkumar Bharathi. M	2018	Development of readymade soframycin wound dressing.	International Journal of Nursing and Medical Science

Conference Proceeding

Name of the Author	Year	Title of proceeding	National/International Conference
Rajkumar Bharathi. M	2010	Impact of marine pollution in Gulf of Manner near Tuticorin coast.	10th International Tamil National Conference. Tamilnadu Science Congress, Manonmaniam Sundaranar University, Tirunelveli.
Rajkumar Bharathi. M	2022	Innovation and application of Biomedical Instrumentation	One Day International Conference on Smart Electronics Computing and Nano Technology
Rajkumar Bharathi. M	2022	Application of Biomedical Technology to improve the health care using a novel multidisciplinary approach	International Conference on Emerging Trends in Science and Technology, Organised by Hindustan College of Arts and Science (Autonomous)
Rajkumar Bharathi. M	2022	Higher sensitive and selective gas sensors based on ZnO Thin film chemical root method	International Conference on Emerging Trends in Science and Technology, Organised by Hindustan College of Arts and Science (Autonomous)
Rajkumar Bharathi. M	2022	Distribution of Natural Resources for identification and analysis using remote sensing image processing	International Conference on Emerging Trends in Science and Technology, Organised by Hindustan College of Arts and Science (Autonomous)
Rajkumar Bharathi. M	2022	Renewable energy in global electricity generation	International Conference on Emerging Trends in Science and Technology, Organised by Hindustan College of Arts and Science (Autonomous)

FDP Participation

Name	Year	National/International Faculty Development Program
Rajkumar Bharathi. M	2020	National Level one Week e-Faculty Development Programme (FDP) on Digital Skills for Smart Teaching Organised by Annamalai University, Tamilnadu on June 12-18, 2020.
Rajkumar Bharathi. M	2020	A Seven Day International e-Faculty Development Programme (IFDP) on Enhancing Digitisation Teaching in the Post-COVID Period Organised by Mepco Schlenk Engineering College (Autonomous), Tamilnadu on June 18-24, 2020.
Rajkumar Bharathi. M	2020	Five days e-Faculty Development Programme (FDP) on Eco-Enviro Sustainability Organised by RGPV University, Bhopal on 29 June -03 July, 2020
Rajkumar Bharathi. M	2020	Seven days e-Faculty Development Programme (FDP) on Ecosystem Services- Challenges and Opportunities Organised by N.C Autonomous College, Jaipur July 13 to 19, 2020.
Rajkumar Bharathi. M	2020	A Five Day International Online Faculty Development Program on Current Perspectives in Proteogenomics, Organised by Vignans Foundation for Science, Technology and Research, Guntur, Andhra Pradesh in India, July 20 -24, 2020.
Rajkumar Bharathi. M	2022	Five days virtual faculty development program on Innovative teaching practices and quality research in pharmaceutical Sciences Organised by IIMT college of Pharmacy, Noida on February 8 to 12, 2022.

Seminar Participation

Name	Year	Seminar/Webinar/Workshop
Rajkumar Bharathi, M	2014	State Level Seminar on Renewable Energy Sources – A Boon to Mankind on 03.02.2014. Organized by Bio Conversion Technology Centre, Sri Parasakthi College for Women, Courtalam,

