




Bharathiar University

State University | "A⁺⁺" Grade by NAAC | 46th Rank in MoE-NIRF
Maruthamalai Road, Coimbatore, Tamil Nadu - 641 046.

Dr S R PRABAGARAN Professor Department of Biotechnology Bharathiar University Tamil Nadu E-mail: prabakaran@buc.edu.in Phone: 9865076485 Office Number: 0422-2428294	
Research Area <ul style="list-style-type: none">• Microbial diversity & Taxonomy• Metabolism in Extremophiles• Molecular Diagnostics• Anaerobes	Courses Teaching <ul style="list-style-type: none">•
Research Experience:	Teaching Experience:
Research Credentials (as on June 2024 – Source: Google scholar) H-index: 1176 Citations: 16 i10-index: 22	
Publications International Journals: 5	
Career Other Institutes 1. Designation : Resource Person Institution Name : CCMB, Hyderabad Period : November 2001 - April 2024 At Bharathiar University 1. Designation : Professor Period : August 2020 - Till Date	
Education M. Sc. Subject : 55 Institution : Dept. of Seed Science and Technology Affiliated University : TNAU, Coimbatore Year of Award : April 1996 B. Sc. Subject : 55 Institution : Pandit Jawaharlal Nehru College of Agriculture, Karaikal Affiliated University : TNAU, Coimbatore Year of Award : April 1993	
Projects	Research Guidance On Going Ph.D. - 1



Visits

1. Indo-US Science & Technology Fellowship (2013-10-31 - 2012-11-01)

Publications

International Journals - 5

5. Molecular characterization of stress tolerance genes associated with *D. indicus* strain under extreme environment conditions.

Environmental geochemistry and Health. (January 2026)

Anand R. D., Baskar V. and Prabakaran. S. R.

4. Electrochemical impedimetric enzyme-less detection of non-electroactive organophosphate pesticides using zirconium metal organic framework.

Microchemical Journal, 204, 111136. (December 2024)

Gokila, N., Aurthi, V., Prabakaran, S. R., Haldorai, Y., & Kumar, R. T. R.

3. Impact of native *Wolbachia* on reproductive fitness and bacterial pathogens in *Aedes aegypti* mosquitoes.

International Journal of Tropical Insect Science, 42(1), 965-975. (January 2022)

Balaji, S., & Prabakaran, S. R.

2. Reduction of Cr (VI) by *Bacillus* species isolated from tannery effluent contaminated sites of Tamil Nadu, India.

Materials Today: Proceedings, 48, 148-154. (January 2022)

Princy, S., & Prabakaran, S. R.

1.). Native *Wolbachia* influence bacterial composition in the major vector mosquito *Aedes aegypti*.

Archives of Microbiology, 203(8), 5225-5240. (August 2021)

Balaji, S., Deepthi, K. N. G., & Prabakaran, S. R.