



**Dr. P. PRABAKARAN**  
Teaching Assistant

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### Academic Qualifications

Degree	Institution	Year	Branch	Class
Ph.D.	The Gandhigram Rural Institute-Deemed University	2009- 2014	Microbiology	Highly commended
M.Sc.,	Bharathidasan University	1999 -2001	Microbiology	First Class
B.Sc.,	Bharathidasan University	1996-1999	Microbiology	First Class

Teaching Experience : 10 Years

Position	Institution	Duration
Teaching Assistant	Department of Nutrition and Dietetics	07-09-2023 - till date
Teaching Assistant	Department of Biomedical Sciences	12.10.2019 – 30.04.2023
Assistant Professor	Department of Biotechnology, J.J. College of Arts and Science, Pudukkottai, Tamilnadu	22.04.2018 – 30.10.2019
Assistant Professor	Department of Biology, The Gandhigram Rural Institute-Deemed University	01.09.2014 – 21.04.2016
Lecturer	Department of Marine Biotechnology, College of Marine Science and Technology, Massawa, Eritrea, North East Africa	01.01.2007 – 30.06.2009
Lecturer	Department of Microbiology, Syed Hameedha Arts and Science College, Kilakarai, Ramnad (Dt), Tamil Nadu	01.08.2005 – 30.12.2006

**PDF/ Visiting Professor**

Position	Institution	Duration
N-PDF, SERB, DST	Department of Microbiology, Alagappa University, Karaikudi	22.04.2016-21.04.2018

**Research Experience**

**Total Research Experience : 6 Years**

Position	Institution / University	Duration
N-PDF, SERB, DST	Department of Microbiology, Alagappa University, Karaikudi	2016-2018
SRF, MNRE, New Delhi	Department of Biology, The Gandhigram Rural Institute-Deemed University	2012-2014
JRF, MNRE, New Delhi	Department of Biology, The Gandhigram Rural Institute-Deemed University	2010-2012

**Areas of Research**

- Algal Technology

Algal technology is a rapidly growing field with significant potential for innovation and sustainability in the food industry. Algae are diverse, photosynthetic organisms that can be found in various aquatic environments, including oceans, lakes, and ponds. They have gained attention in recent years as a promising source of nutritious and sustainable food ingredients.

**Publications**

International		National	Others
Journals	Conferences	Conferences	Books/Chapters/Monographs/Manuals
22	18	17	3

h-index : 10  
i10 index : 10  
Total Citations : 555

## Papers presented in the National and International events

### Conferences / Seminars / Workshops:

1. Presented a paper in the National Conference on 'Innovations in Biotechnology NCIB-2017' (14<sup>th</sup>-15<sup>th</sup> December, 2017) organized by School of Biotechnology, Madurai Kamaraj University, Madurai.
2. Presented a paper on "National Conference on Bioresources: Conservation, Utilization and Future Prospects" (16<sup>th</sup> and 17<sup>th</sup> Feb, 2017) organized by Department of Biology, Gandhigram Rural Institute-Deemed University, Gandhigram.
3. Presented a paper on "International Conference on Renewable Energy Science and Technology" (10-11<sup>th</sup> March 2017) organized by Department of Microbiology, Alagappa University, Karaikudi.
4. Presented a paper on "International Conference on Recent Trends in Microbiology" (20-21<sup>st</sup> December 2016) organized by Department of Microbiology, Alagappa University, Karaikudi
5. Presented a paper on "International Conference on Microalgal and Cyanobacterial Biotechnology" organized by National Facility for Marine Cyanobacteria, Department of Marine Biotechnology, Bharathidasan University, Tiruchirappalli.

## Overseas Exposure/Visits

1. Eritrea, North East Africa
2. Malaysia
3. Singapore
4. Saudi Arabia

## Membership

### Professional Bodies

1. Life Member, Indian Science Congress Association, Kolkata.
2. Life Member, Seaweed Research and Utilization Association.
3. Life Member, Association of Microbiologists of India.

## List of Research Articles / Recent Publications

S. No	Authors/Title of the paper/Journal	Impact Factor
1	Rashiya, N., Padmini, N., Ajilda, AAK., <b>Prabakaran, P.</b> , Durgadevi, R., Veera Ravi, A., Ghosh, S., Sivakumar, N., and Selvakumar, G. 2021. Inhibition of biofilm formation and quorum sensing mediated virulence in <i>Pseudomonas aeruginosa</i> by marine sponge symbiont <i>Brevibacterium casei</i> strain Alu 1. Microbial Pathogenesis, 150(2021)104693	3.8
2	Padmini, N., Ajilda, AAK., <b>Prabakaran, P.</b> , Sivakumar, N. and Selvakumar, G. 2020.	4.0

	Efficacy of marine cyanobacterium <i>Oxynema thaianum</i> ALU PBC5 against multi drug resistant Gram negative pathogens Journal of Applied Microbiology, Doi:10.1111/jam.14760	
3	Sathiamoorthi, T., Rajesh Kumar, R., Selvakumar, G., Kanchana, A., Jasmine, N., and <b>P. Prabakaran</b> . 2019. Green synthesis of silver nanoparticles using <i>Galinsoga parviflora</i> leaf extract and its antibacterial and antioxidant activities. International Journal of Microbiology, Biochemistry and Molecular Biology, 3(1): 1-8	-
4	Sathiamoorthi, T., Rajesh Kumar, R., Kanchana, A., Jasmine, N., Selvakumar, G. and <b>P. Prabakaran</b> . 2019. Characterization and biological application of silver nano particles produced from <i>Senna auriculata</i> leaf extract International Journal of Recent Advances in Biotechnology, 2(1):24-30.	-
5	<b>Prabakaran P</b> , Virumandi Pradeepa, Gopal Selvakumar and A. David Ravindran. 2018. Efficacy of enzymatic transesterification of <i>Chlorococcum</i> sp. algal oils for biodiesel production. Waste and Biomass valorization (Springer),1:1-9	3.449
6	Sathiamoorthi, T., Natarajaseenivasan, K., Velmurugan, P., <b>Prabakaran, P.</b> , Pradeepa, V., Arivoli, A. and J.S. Sahayarayan. 2017. Prevalence of multi drug resistance asymptomatic bacteriuria from pregnant women in Karaikudi, Sivagangai District. International Journal of Modern Science and Technology. 2(7):277-283	
7	<b>Prabakaran, P</b> , Pradeepa, V, Selvakumar, G, and David Ravindran, A. 2017. A study of increasing biomass and lipid content from <i>Chlorella</i> sp. for biodiesel conversion. International Journal of Industrial Engineering, 2017, 1(1):17-21.	-

### Books published

S.No.	Title	Year	Authors	Publisher	ISBN
1.	Sutrusolzhal Kalvi (Environmental Studies) Tamil version	2020	Manikandan, G., Jeyaramanathan, V., Vithya, D., Subramaniyan, V and <b>Prabakaran, P.</b>	PoGo Publishing House	978-938-3-06936-1
2.	Principles of Environmental Science	2018	Anand, M., <b>Prabakaran, P.</b> , Shobana, S., Pradeepa, V. and Mohamed Ibrahim	Syed Hameedha college of arts and science Publication	978-935-3-00127-8
3.	Introduction to Environmental Science	2009	Anand, M., K. Sendesh Kannan and <b>P. Prabakaran</b>	Pavai Publication	978-177-3-58235-5

Dr.P.Prabakaran  
Adjunct Faculty