Bharathiar University

State University I "A++" Grade by NAAC I 26th Rank in MoE-NIRF
Maruthamalai Road, Coimbatore, Tamil Nadu - 641 046.

Dr P PONMURUGAN

Associate Professor
Department of Botany

Bharathiar University
Coimbatore, 641025
Tamil Nadu

E-mail: ponmurugan@buc.edu.in
Phone: 9865857816
Office Number: 0422 2428304

Research Area

- Biomedical Research
- Biodiversity Conservation
- Lichenology

Courses Teaching

- Plant Diversity-I
- Algal Technology
- Cytology, Genetics and Plant breeding
- Applied Botany
- Phytoinformatics

Research Experience: 21

Teaching Experience: 16

Research Credentials (as on February 2024 – Source: Google scholar)

H-index: 3869 Citations: 33 i10-index: 73

Patents : Granted: 2

Publications

International Journals: 7 Publication Database: 11

Career

Other Institutes

1. Designation : Assistant Professor
Institution Name : K.S.R. College of Technology
Period : June 2003 - June 2008

2. Designation : Associate Professor & Head
Institution Name : K.S.R. College of Technology
Period : July 2008 - November 2016

At Bharathiar University

1. Designation : Associate Professor
Period : November 2016 - February 2024

Education

M.Tech
Subject : Biotechnology
Institution : Sathyabama University
Affiliated University : Sathyabama University
Year of Award : December 2010

Ph. D.
Subject : Botany
Institution : UPASI Tea Research Institute, Valparai
Affiliated University : Bharathiar University
Year of Award : February 2002

Dr P PONMURUGAN , Associate Professor , Department of Botany

M. Phil.
Subject : Botany
Institution : A.N.J.A. College, Sivakasi,
Affiliated University : Madurai kamarajar University
Year of Award : December 1997

M. Sc.
Subject : Botany
Institution : A.N.J.A. College, Sivakasi,
Affiliated University : Madurai kamarajar University
Year of Award : May 1996

B. Sc.
Subject : Botany
Institution : A.N.J.A. College, Sivakasi,
Affiliated University : Madurai kamarajar University
Year of Award : May 1994

Projects
National Level
Ongoing - completed - 4

Research Guidance
Completed
Ph.D. - 5

Visits
1. INSA visiting fellow (2020-05-31 - 2020-04-01)

Patents
Granted - 2
1. Method of in vitro culturing of a mycobiont in a fungal algal symbiosis 07-2019 408182 1.Dr.P.Ponmurugan 2.Mr.R.Kalidoss 3.Mr.K.Arun Prasath

2. MICROWAVE ASSISTED DETECTION OF UV-ABSORBING COMPOUNDS FROM LICHEN 06-2013 407573 1.MR. G. AYYAPPADASAN 2.DR. P. PONMURUGAN 3.DR. RAMA S VERMA 4.DR. SANJEEVA NAYAKA et al.

Selected Publications

1. Oxytetracycline degradation and antidermatophytic activity of novel biosynthesized MoS2 photocatalysts.

Materials Science and Engineering B (January 2024)
Sathishkumar, M., Anitha, A., Ponmurugan, P., Arunkumar, D., Esath Natheer, S. and Kannan, S.

2. Anti-Inflammatory Activity of Mycobiont Extract of Parmotrema austrosinense (Zahlbr.) Hale in a Zebrafish Model.

Journal of Marine Science Engineering (December 2023)
Kalidoss, R., Ponmurugan, P., Mohammed, R.S., Mujeeb, K., Tae, H.O. and Baji, S.

3. Multifaceted plant growth-promoting traits of indigenous rhizospheric microbes against Phomopsis theae, a causal agent of stem canker in tea plants.

World Journal of Microbiology and Biotechnology (July 2023)
Manjukarunambika, K., Abul, K.A.M., Mythili, G.B. and Ponmurugan, P.

4. Developing a fast, reproducible, and simple protocol for virtual lichen herbarium using barcoding and QR code techniques

Journal of Threatened Taxa (July 2023)
Jeya Preethi S and Ponmurugan P

Dr P PONMURUGAN , Associate Professor , Department of Botany

5. Bioefficacy of Lecanoric Acid Produced by Parmotrema austrosinense (Zahlbr.) Hale against Tea Fungal Pathogens.

Horticulturae (June 2023)
Kalidoss, R., Ponmurugan, P., Gnanamangai, B.M., Mohammed, R.S., Mujeeb, K., Tae, H.O. and Baji, S.

6. A new record of bloodstain lichen (Haematomma) from Southern Western Ghats to the Indian biota.

Feddes Repertorium (January 2023)
Rajaprabu, N. and Ponmurugan, P.

7. Statistical modeling and optimization for the production of secondary metabolites by lichen mycobiont isolated from Parmotrema austrosinense.

Physiological and Molecular Plant Pathology (January 2022)
Poornima, S., Rajivgandhi, G., Maruthupandy, M., Mothana, R.A., Noman, O.M., Nasr, F.A., Ponmurugan, P., Moorthy, I.G. and Sivarajasekar, N. 2022.