

BOOPATHIAYANAR. M

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Objective:

Desire to build my career in an organization where I can contribute and explore, by continuous learning to become innovative and flexible.

Personal skills:

- Leadership
- Positive Thinking
- Creativity

Academic details:

Qualification	University/Board	Institution	Year of Passing	Aggregate
Ph.D Botany	Annamalai University	Annamalai University, Chidambaram	2018	Highly commented (11.10.2018)
M.Sc Botany	Bharathiyar University	Govt. arts and science college, Coimbatore	2013	77.2
B.Sc Botany	Bharathiyar University	Kongunadu arts and science college, Coimbatore	2011	73.4

Area of Interest:

- Plant Breeding
- Phyto-chemistry
- Plant Taxonomy
- Plant Tissue culture
- Plant Physiology

Technical Skills:

- Packages: **MS Office all version, SPSS, QGIS, ArGIS, ERDAS, BioEdit, Molegro, Pymol, Molecular Dynamics, Docking and Network Pharmacology**
- Working Environment: **Windows 7 to latest updates and Linux.**
- Scanning Electron Microscope, Olympus Stereo and Compound microscope

Co-curricular activities:

PROJECT FELLOW HANDLED

- 1) Studies on the utilization of pressmud through vermicompost

Working experience:

- Worked as a Junior Research Fellow (JRF) in University Grant Commission (UGC) funded project entitled of “**Studies on utilization of pressmud through vermicompost**” during the period from 23/03/2014 to 30/03/2017 in Annamalai University, Chidambaram.
- Worked as Scanning Electron Microscope Technician on outsource service basis since 03.04.2019 to 30.11.2020 at Botanical survey of India, Coimbatore.
- Worked as Scanning Electron Microscope Technician on outsource service basis since 01.02.2021 to 25.01.2023 at Botanical survey of India, Coimbatore.
- Worked as an Assistant Professor in Department of Botany & Biotechnology, E.S.Arts and Science College (Co-Ed), Villupuram – 605 401, from 27th January 2023 to 18th March 2024.

Certificate Course:

- **Green Skill Development Programme (GSDP), Para-Taxonomy (Including) People’s Biodiversity Register (PBR)**, Government of India, Ministry of Environment, Forest and Climate Change (MOEF&CC), New Delhi.

Techniques known:

- ❖ Nucleic acid isolation and separation
- ❖ Polymerase chain reaction (PCR)
- ❖ RAPD analysis
- ❖ Immunohistochemistry
- ❖ Western blotting
- ❖ Biochemical & Microbial techniques
- ❖ Microbial culture and maintenance
- ❖ Plant Tissue culture

Research:

- I submitted my Ph.D thesis under the guidance of Dr. S. Prabakaran, Assistant Professor, Department of Botany, Annamalai University, Chidambaram entitled of “**Utilization of pressmud (Sugar industry solid waste) based vermicompost for the cultivation of *Vigna radiata* (L.) R. Wilczek**” dated on January 18th 2018.
- I submitted my M.Sc thesis under the guidance of Dr. K. Kalimuthu, Assistant Professor, Department of Botany, Govt. Arts College (Autonomous), Coimbatore entitled of

“GC-MS analysis of *Caralluma truncatocoronata* (Sedgw.) Gravelly & Mayur” dated on April 20th 2013.

Publications:

- K. Kalimuthu, K. Kalaiyarasi, T. Sasikala, **M. Boopathiayyanar** and R. Prabakaran. (2013). GC-MS analysis of *Caralluma truncate-coronata* (Sedgw.) Gravelly and Mayur. Asian journal of plant science and research (AJPSKY), 3(4): 42-46.
- **M. Boopathiayyanar**, S. Prabakaran, 2017 Impact of press mud on the growth and reproduction of the *Eisenia foetida* (Savigny). International journal for science and advance research in technology (IJSART), 3(4): 1010-1016.
- **M. Boopathiayyanar**, S. Prabakaran. (2017). Production of vermifertilizer from sugar industry wastes by using vermicompost epigenic earthworm. International journal of plant sciences (IJPS), 12(2), 139-148.
- **M. Boopathiayyanar**, S. Prabakaran, (2017) Sugar industry waste recycling through vermicompost by *Eisenia foetida* (Savigny)", IJSRST, 3(8): 1191-1198.
- Sreeja, K., **Boopathiayyanar, M.**, & Sujana, K. A. (2022). *Chilocarpus malabaricus* Bedd.(Apocynaceae): A poorly known rare and endemic liana from the Western Ghats, Southern India. Nelumbo, 203-209.
- Vadhyar RG, **Boopathiayyanar M**, Sujana KA. Notes on distribution, population and conservation status of *Henckelia missionis* – an endemic species of Tamil Nadu. Species, 2022, 23(71), 44-48.

Seminar Resource Person:

- Acted as External Resource Person for "Seminar on **Cryptogams and Phanerogams; An Introduction**", Organized by Department of Zoology, Sacred Heart arts and Science College, Perani, Villupuram-605652 held on 07.11.2023.

Conference/Seminar Participation & Presented:

- ❖ **M. Boopathiayyanar., S. Prabakaran, 2014.** Ethano botanical studies on mangroves of pichavaram, Tamil Nadu, India. UGC National Seminar on Biodiversity and Conservation of Mangrove Ecosystem in India - Present status and future perspective, Department of Botany, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur Dist., Andhra Pradesh., India.
- ❖ **M. Boopathiayyanar., S. Prabakaran, 2014.** Vermiconversion of plant leaf biomass with sugar industrial sludge for recycling the nutrients. International Conference on herbal medicine and neuroendocrinology (InChMan 2014), Department of Zoology, Annamalai University.
- ❖ **M. Boopathiayyanar., S. Prabakaran, 2014.** Studies on the utilization of sago industry waste through the vermicomposting. UGC Sponsored National Seminar on Green Living for Sustainable Development, Department of Botany, Govt. Brennen college, Thalassery, Kannur, Kerala, India.

- ❖ **M. Boopathiyyanar., S. Prabakaran, 2014.** Vermiconversion and recycling of leaf biomass with sugar industry sludge. National Conference on Biodiversity & climate change adaptations – Current status trends & policy responses, Department of Botany, St.Andrew’s college (PG), Gorakhpur, Uttar Pradesh, India.
- ❖ **M. Boopathiyyanar., S. Prabakaran, 2015.** National Conference on “Biosafety for Health Security [NCBHS - 2015]. Department of Zoology, Periyar govt. Arts College, cuddalore, on 23rd and 24th July 2015.
- ❖ **M. Boopathiyyanar., S. Prabakaran, 2015.** TEQIP-II & INMAS Sponsored Two day national seminar on “Scientific Publication and Evaluation: Writing Research Papers, Citation Analysis and Plagiarism” Organized by Department of Library, Coimbatore Institute of Technology (CIT), Coimbatore on 27th and 28th October 2015.
- ❖ **M. Boopathiyyanar., S. Prabakaran, 2016.** National Conference on Achievements, Challenges and Opportunities in Plant Science Research. Sponsored by UGC-SAP-DRS. Organized by Department of Botany, Annamalai University on 18th and 19th – March -2016.
- ❖ **M. Boopathiyyanar. 2016.** “International Seminar on Human Rights In India-Current Issues and Challenges” Organized by Political Science and Public Administration Wing-DDE, Annamalai University on 29th and 30th March-2016.
- ❖ **M. Boopathiyyanar., S. Prabakaran, 2016.** International conference on Environment and health in changing climate” Department of Environmental Biotechnology, School of Environmental Science, Bharathidasan University on 14th to 16th September 2016.
- ❖ **M. Boopathiyyanar., S. Prabakaran, 2017.** UGC sponsored National Conference on Recent Developments in Biological science (RDBS-2017), organized by Department of Botany, K.M. Centre for post graduate studies(Autonomous), Puducherry on 10th March, 2017.
- ❖ **M. Boopathiyyanar., S. Prabakaran, 2017.** National Seminar on Recent Advances in Plant Science Research (RAPSAR-2017), organized by Department of Botany, Annamalai University, TamilNadu on 21 and 22 March,2017.
- ❖ **M. Boopathiyyanar.,** has participated in the programme held at Botanical survey of India, Southern Regional Centre, Coimbatore to Commemorate the World Environment Day 2019.
- ❖ **M. Boopathiyyanar., 2023.** International Conference on “Frontiers of Sustainable Research in Health Care, Food, Agriculture and Environmental Management” (ICSURE-2024) organized by Guru Nanak Centre for Research in Association with G.S.Gill Research Institute, Guru Nanak College (Autonomous), Chennai, held from 22.02.2024 to 23.02.2024.

Workshop and Training program:

- ❖ M. Boopathiyyanar. National level **workshop on PCR Techniques**, organized by ACME Progen Biotech (India) Private Ltd, Salem on 20th & 21st September 2014.
- ❖ IQAC Sponsored Staff training and development programme on “**Industrial effluent treatment [IET-2015]**” Organized by Department of Chemical Engineering, Annamalai University on 18th March-2015.
- ❖ One day training programme on “**Hands on Training on Flow cytometer (HTFC - 2015)**” organized by Centralised Instrumentation and service Laboratory, Department of Physics, Annamalai University on 7th October 2015.
- ❖ One day training programme on “**Communication Skills for Career and Counselling**” organized by Training and placement cell, Department of Botany, Annamalai University, Tamil Nadu on 7th March 2017.

- ❖ One day Workshop on “**Digital Agriculture**” organized by Department of Botany, Annamalai University, Tamil Nadu on 24th August, 2017 at AnnamalaiNagar-608002.
- ❖ One Day National Workshop on “**Vermitechnology**” held on 31st August 2017 organized by the Department of Zoology, Annamalai University, Annamalainagar-608002.
- ❖ National **Workshop-cum-Hands on Training on Marine Macro Algal Taxonomy** under AICOPTAX scheme sponsored by Ministry of Environment, Forest and Climate Change, New Delhi held at the Botanical Survey of India, Southern Regional Centre, Coimbatore on 21st December, 2018.
- ❖ Four Day State level Hand-on Workshop on “**Mastering Molecular Dynamics, Docking, ADMET, and Network Pharmacology (MODDANP)**” organized by Plant Biology and Plant Biotechnology, under the Aegis of School of Sciences, Guru Nanak College (Autonomous), Velachery, Chennai, Tamil Nadu, held from 09.10.2023 to 12.10.2023.
- ❖ Two day Hands on Training on “**Molecular Techniques & Phytochemical Analysis**” organized by ENFLAMMER-The Journal Club, Department of Botany, Vimala College (Autonomous), Thrissur in association with Xcellogen Biotech India Pvt Ltd, Thiruvananthapuram from 8th January 2024 to 9th January 2024.
- ❖ One Day National Workshop on Recent Trends in “**Vermiculture**” held on 21st Feb, 2024 organized by the Department of Zoology, Arignar Anna Government Arts College, Villupuram-605 602.

Faculty Development Program (FDP)

- ❖ Dr.M.Boopathiayyanar has completed the “**PCR technology**” course from 17.07.2023 to 21.07.2023. The Tamil Nadu Skill Development Corporation, Government of Tamil Nadu, awards this certificate to mark faculty training through the **NAAN MUDHALVAN** Program held at Annamalai University, Chidambaram.
- ❖ Dr.M.Boopathiayyanar has attended the Five Days Online National Level Faculty Development Program on “**Student centric and interactive teaching strategies using technological tools**” from 17th to 21st of July 2023.
- ❖ Dr.M.Boopathiayyanar has completed the “**International Regulatory Requirements for Clinical Trials & Data Management**” course from 24.07.2023 to 28.07.2023. The Tamil Nadu Skill Development Corporation, Government of Tamil Nadu, awards this certificate to mark faculty training through the **NAAN MUDHALVAN** Program held at Annamalai University, Chidambaram.
- ❖ Dr.M.Boopathiayyanar has attended the Five Days Online Faculty Development Program on “**Recent Research Trends and Challenges in Computer Science**” organized by the Department of Software Systems and Computer Science (PG) of KG College of Arts and Science, Coimbatore from 11.09.2023 - 14.09.2023 & 19.09.2023.
- ❖ Dr.M.Boopathiayyanar has attended the Faculty Development Program on “**Empowering Educators: Strategies For Holistic Teaching and Professional Growth**” organized by the IQAC, Sri Malolan College of Arts and Science, Chengalpet from 18th to 22.12.2023.
- ❖ Dr.M.Boopathiayyanar has attended the Seven Days Online Faculty Development Program on “**Effective Pedagogy tools for Life Sciences**” organized by PG & Research Department of Biochemistry, Theivanai Ammal College for Women (Autonomous), Villupuram from 20th to 28th December, 2023.

References:

Dr. M.U. Sharief

Scientist 'E' & Head of Office

Botanical Survey of India

Southern Regional Centre, T.N.A.U. Campus

Lawley Road, Coimbatore – 641 003

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Dr. K. KALIMUTHU

Assistant Professor

Post Graduate and Research Department of Botany

Government Arts College (Autonomous)

Near GH, Coimbatore, Tamil Nadu, India-641018

Mobile Number: 9843366622, Email Address: k_kalimuthu@rediffmail.com

Dr. S. PRABAKARAN

Assistant Professor

Department of Botany

Annamalai University

Annamalainagar, Chidambaram, Cuddalore, Tamil Nadu, India - 608002

Mobile Number: 9976522093 Email Address: drprabakarans@yahoo.com

Personal Profile:

Parent's Name : **Father:** M. Muthukrishnan(Late); **Mother:** P. Murugeswari
Date of Birth : 27/05/1989
Address : 9/42 Senthiruman lane, M. N. G. Street, Coimbatore – 1
Mobile Number : +91 – 9659558509, +91 – 9344440644
Email : boopathiyyanar@gmail.com, boopb007@gmail.com
Languages Known : English, Tamil.
Hobbies : Drawing, Field work and writing article and Playing Cricket.

Declaration:

I promise to here by all the above given information are true to my best of the knowledge.

Date : 03/07/2024

Place : Coimbatore

Yours faithfully



(M. BOOPATHIAYANAR)