



SHYAM PRAVEEN. R

TEACHER - BOTANIST - BIOLOGIST

CAREER OBJECTIVE

To work in a creative, exciting environment where, I can prove my talent that expands my knowledge and provides continued focus on organization's success.

CONTACT

Current address,
Via Francesco la fata, 13.
cesano, Rome, Italy.
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PROFESSIONAL ATTRIBUTES

- International Scientific Reviwer in International Journal of Biotechnology.
- Plant Tissue culture - To culturing the endangered and endemic plants at in-vitro techniques.
- Phytochemistry -To analyze the the chemical composition of medicinally valuable plants with modern lab techniques
- Conservation biology - to conserve all the plant species
- To handle all the modern laboratory equipment's.
- Professional teaching all the basic science in secondary level, in higher secondary level in biology.
- Plant taxonomy - to identify and naming the plants and plant ecology.
- Wood Anatomy and Plant Physiology.
- Landscaping Gardening - to arrange the ornamental plants based on the area and landscape.
- Willing to do all kind of works.

AREA OF INTEREST

- Teaching Biological and General science
- Expertise in A and AS level, cambridge Curriculum
- Forestry Science
- Agriculture Analysis
- Plant Ecology and Physiology
- Ecosystem and Environmental surveillance
- Plant Tissue culture and Phytochemistry
- Conservation biology
- Arc QIS and QGIS remote mapping

EDUCATIONAL QUALIFICATION

- **M.Ed Master of Education** - Pursuing at Tamilnadu Teacher Training university, TamilNadu, India.
- **M.S in forest science** - University of padova, Italy. (2020 - 2023).
- **B.Ed. Bachelor of Education** in Teacher Training at TamilNadu Teacher Training University, TamilNadu, India. 2019 - 2020.
- **PGDBD (Post graduate Diploama in BIODIVERSITY)** from Kongunadu Arts and Science (Bharathiyar University), Coimbatore. Tamil Nadu. (2021-2022).
- **M.Sc. Master in Botany** from Kongunadu Arts and Science (Bharathiyar University), Coimbatore. Tamil Nadu with aggregate of CGPA 8.7 in 2018.
- **B.sc Bachelor in Botany** from Kongunadu Arts and Science (Bharathiyar University), Coimbatore. Tamil Nadu with aggregate of CGPA 8.2 in 2016.
- **H.S.E** (12th standard) from St. Antony's Hr. Sec. School. Coonoor, The Nilgiris, Tamil Nadu. (State Board) with 62% in 2013.

WORKING EXPERIENCE

- Working as a **Biology Teacher (AS and A level)** in **Little Flower International School, Rome Italy, Cambridge Assesment International Education.**
- Work at G.S.R. Matric Higher Secondary School, Periyanaickenpalayam, Coimbatore. For one year in **Science Graduate Teaching Assistant in Science** (2019 - 2020).
- Work at T.V Sekharan Memorial Matric Hr, Sec, School. Kovaipudur as a **Biology Post Graduate assistant in Biology.** (2020-2021).
- Work at Institute of Forest Genetics and Tree Breeding as a Field Assistant at 3 month 2018.

PROJECT DETAILS

- **Title ; Similarities and differences in biomass allocation to xylem and needles in branches of scots pine trees from two sites differing in soil development**
- **Duration** ; 12 months
- **Objective;** To analyze the tree rings and conduit diameter and biomass allocation to the xylem and needles of the scots pine trees
- **Title: "Studies on the Arbuscular Mycorrhizal Biodiversity in the plant species of river Bhavani and its Embankments, Mettupalayam Taluk, Coimbatore District, Tamil Nadu."**
- **Team strength** - 4 members
- **Duration** - 6 months
- **Objectives** - To the Isolate and identify the Arbuscular mycorrhizal fungi from the rhizosphere. Soil samples of plant species in the riverbank of Bhavani, Mettupalayam Taluk, Coimbatore District, Tamil Nadu.
- To determination of the AM fungal infection in the roots of the plant species.
- **Title: "In vitro shoot induction and identification of phytochemical compounds in the important medicinal plant, *Cyclea peltata* (Lam.) Hook.F.Thoms. (menispermaceae).**
- **Duration** - 8 months
- **Objective:** Profiling of medicinally active principles via GC-MS analysis, in ethanolic leaf extract of ***cyclea peltata***.
- Conservation of medicinal plant species, *cyclea peltata* by In vitro propagation techniques of three explants such as leaf, node and internodal explants.

INDUSTRIAL VISITS

- Done an internship Training Programme at **Pasteur Institute of India** on Production and Testing of DPT group of vaccines and tissue culture Anti rabies vaccine.
- Visit one day field trip on **Indian Cardamom Research Institute**, Mailadumpara, Munnar, Kerala.
- I have got training in plant breeding, tissue culture laboratory at **Institute of Forest Genetics and Tree Breeding**, Coimbatore, Tamil Nadu.
- To visit **Salim Ali ornithology and natural history**, coimbatore, TamilNadu.

CERTIFICATION

- I have attended national seminar on Scientific Advancement in Modern Medicine. Sponsored by Indian Science congress Association-Coimbatore chapter in 28-02-2017.
- I have participated hands on training on HPLC Techniques and their applications in 13-07-2016.
- I have participated the national level symposium on Green Ecology for Environmental Security organized by the departments of Botany and English supported by the Indian Science congress Association-Coimbatore chapter in 6-oct-2016.
- I participated in one day workshop on Indoor Gardening and Landscaping conducted by Star college scheme, DBT, New Delhi in 28-september-2016.
- I attended hands on training on Plant Tissue Culture Techniques sponsored by Star college scheme, DBT, New Delhi in 08-sep-2016.
- I participated National level Workshop on Plant Identification held on 28 July 2016.
- I have exhibited science model in the ISCA, Kolkata sponsored by three day National Level Conference on "Reaching the Unreached Through Science and Technology – Concepts, Principles and Applications of Science and Technology for Nation Building" organized by Indian Science congress Association-Coimbatore chapter, during 09th – 11th October-2017.
- I participated in one day seminar on "Intellectual Property Rights – Prospects and Challenges" held in 15-02-2018.
- I have participated Science academics lecture workshop on "Documentation and Sustainable Utilization of Medicinal Plants" held in 11th and 12th January 2018 at PSGR Krishnammal College for women, Coimbatore.
- Attended UGC-CPE workshop and hands on Training on Cut Flower Arrangements and their Preparation of Herbal Medicine.
- I participated one day workshop on "Medicinal Plants – Perspectives and Practices" Held on 17TH March, 2015.

CERTIFIED COURSES

- 1.GENERAL HEALTH AND SAFETY IN THE WORKPLACE.
- 2.CHEMICAL RISK.
3. POST GRADUATE IN DIPLOMA IN BIO DIVERSITY.

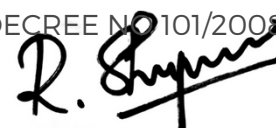
- **R. Shyam Praveen**, Sathis Kumar, S jamuna and A venkatachalapathi. GC-MS ANALYSIS OF ETHANOLIC AERIAL PART EXTRACT OF IMPORTANT MEDICINAL PLANT CYCLEA PELTATA (LAM.) HOOK. F. THOMS. (MENISPERMACEAE). **"INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH" Volume - 10 | Issue - 11 | November - 2021 | PRINT ISSN No. 2277 - 8179 | DOI : 10.36106/ijsr .**
- **R. Shyam Praveen**, Sathis Kumar, S jamuna and A venkatachalapathi. IN VITRO SHOOT INDUCTION IN THE IMPORTANT MEDICINAL PLANT, CYCLEA PELTATA (LAM.) HOOK. F. THOMS. (MENISPERMACEAE). -**"INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH' Volume - 10 | Issue - 11 | November - 2021 | PRINT ISSN No. 2277 - 8179 | DOI : 10.36106/ijsr.**
- **R. Shyam Praveen**, S. Vimal Priya, P. Sumathi, phytosociological studies in Kardana estate, Hills of Meghamalai, TamilNadu, India. **Roots international Journal of Multidisciplinary Researches'. volume 9, no. 10, August 2022, ISSN; 2349-8684.**
- Sathis kumar. S, **R. Shyam Praveen**. Jamuna. S, venkatachalapathi. A - ETHNOBOTANICAL SURVEY OF MEDICINAL PLANTS USED BY THE IRULA TRIBAL COMMUNITY IN PALAMALAI HILLS, COIMBATORE, THE WESTERN GHATS OF TAMIL NADU. **"INTERNATIONAL JOURNAL OF CURRENT SCIENCE" -2022 IJCSPUB | Volume 12, Issue 1 January 2022 | ISSN: 2250-**
- Vinithkumar. B., **R. Shyam Praveen** , A. Venkatachalapthi, S. Jagatheskumar and T.Baluprakash, SYSTEMATIC STUDIES OF PLANTS AND THEIR USES OF KURUNTHAMALAI HILLS, KARAMADAI, COIMBATORE DISTRICT, TAMIL NADU. **"INTERNATIONAL JOURNAL OF CURRENT SCIENCE" -2022 IJCSPUB I Volume 12, Issue 1 February 2022 | ISSN: 2250-1770**
- Vimal Priya, S. **R. Shyam Praveen** and Karthika, K. BIOACTIVE COMPOUND SCREENING AND FTIR ANALYSIS OF ETHANOLIC LEAF EXTRACT OF TYLOPHORA SUBRAMANII A.N.HENRY. **International Journal of Scientific Research and Engineering Development-- Volume 5 Issue 2, Mar-Apr 2022.**
- S. Vimal Priya, **R. Shyam Praveen**, K. Karthika. PHYTOCHEMICAL ANALYSIS AND TLC PROFILE OF TYLOPHORA SUBRAMANII A.N. HENRY (ASCLEPIADACEAE) - AN ENDEMIC MEDICINAL PLANT SPECIES OF SOUTHERN INDIA. in **International Journal of Scientific Development and Research (IJSDR). ISSN: 2455-2631 March 2022 IJSDR | Volume 7 Issue 3.**

PERSONAL DETAILS

- **Age** : 29 years old
- **Marital Status** : Married
- **Nationality** : Indian
- **Known Languages** : English, Tamil. Malayalam
- **Hobbies** : Driving, Gardening, Playing Badmintonand cricket,Listening Music, Love to travel and readbooks, Interested in experience different cultures.

DECLARATION

- I AUTHORIZE THE PROCESSING OF MY DATA, IN COMPLIANCE WITH LEGISLATIVE DECREE NO. 196/2003 AS AMENDED BY THE DECREE OF COMPLIANCE WITH LEGISLATIVE DECREE NO.101/2003 ON THE BASIS OF REGULATION (EU) 2016/679 OF 27 APRIL 2016.
- PLACE: PADOVA, ITALY
- DATE: 01/11/2024



(SHYAM PRAVEEN . R)