

Name : **Dr. M. KEERTHIGA**

Designation: **ASST. PROFESSOR**

Department : **BOTANY**



**ACADEMIC QUALIFICATIONS : M.Sc., MPhil., SLET, Ph.D Biotechnology**

Course	Subject	University	Year of Passing	Class/ Grade
Ph.D	Biotechnology	Bharathidasan University	2016	Commended
M.Phil	Classical Taxonomy and Molecular Systematics	Bharathidasan University	October 2010	Distinction
M.Sc.,	Biotechnology	Periyar University	April 2009	First Class
B. Sc	Biotechnology	Periyar University	April 2007	First Class
Higher Secondary	Matric Board	Bharathi Matric Higher	April 2004	Distinction

			Secondary School, Thammampatty		
	SSLC	Matric Board	Bharathi Matric Higher Secondary School, Thammampatty	April 2002	Distinction

**TEACHING EXPERIENCE :**

<b>S. No</b>	<b>Designation / Name of the Institution</b>	<b>Period</b>
1.	Assistant Professor of Botany, Nehru Memorial College, Trichy  UG – 1year and 6months,  PG – 6 months	14-6-2017 to till date

**AREA OF RESEARCH :**

- Plant Tissue Culture,
- Phyto-Pharmacology,
- Nano Technology

- Microbial techniques

PUBLICATIONS : (for past five years)

**International Journal**

1. Keerthiga. M, Marimuthu. C and Anand. S.P. Wound Healing Potential of Medicinal Plants from Periyakombai Hill Area, Namakkal District, Tamil Nadu. 2018. Journal of Emerging Technologies and Innovative Research. 5 (10): 10-16.
2. Keerthiga M and Anand S. P. (2015). Bioactive Compound Evaluation of Ethanol Extract from *Geodorum densiflorum* (Lam.) Schltr. by GC-MS Analysis. International Journal of Pharmacological Research, 5(6): 139-144.
3. Keerthiga M and Anand S. P. (2015). Anti-infective and Anti-biofilm Activity of *Geodorum densiflorum* (Lam.) Schltr. against Methicillin Resistant and Sensitive *Staphylococcus aureus*. Advances in Applied Science Research, 6(5): 43-46.
4. Keerthiga M and Anand S. P. (2015). Study on Preliminary Phytochemical and

Antibacterial Activity against Human Pathogens of an Endangered Orchid - *Habenaria plantaginea* Lindl. International Journal of Pharmaceutical Sciences and Research, 6(3): 1101-1106.

5. Keerthiga M and Anand S. P. (2014). Antifungal Activity of *Geodorum densiflorum* (Lam.) Schltr. Against pathogenic Fungi. American Journal of Phytomedicine and Clinical Therapeutics, 2(12): 1456-1461.
6. Keerthiga M and Anand S. P. (2014). A Review on Ethnomedicinal, Photochemical and Pharmacological Studies of *Geodorum densiflorum* (Lam.) Schltr. An endangered orchid. Journal of Research in Biology, 4(8): 1543-1548.
7. Keerthiga M and Anand S. P. (2014). Physicochemical, Preliminary Phytochemical Analysis and Antibacterial Activity against Clinical Pathogens of Medicinally Important Orchid *Geodorum densiflorum* (Lam) Schltr. International Journal of Pharmacy and Pharmaceutical Sciences, 6(8): 558-561.
8. Anand S. P, Velmurugan G, Keerthiga M and Nandagopalan V. (2014). A Comparative study on Antimicrobial Activity of *Argemone mexicana* Linn. And *Aerva javanica* (Burm.F.) Juss. Ex. Schult., American Journal of Pharmtech Research, 4(1): 530-539.
9. Anand S.P, Velmurugan G and Keerthiga M. (2014). Callus induction and in vitro regeneration of *Ctenolepis garcinii* (Burm.f.) Clarke – an important medicinal climber, International Journal of Current Biotechnology, 2(2):16-20.

#### **National conferences**

1. Faculty Development Programme, Nehru Memorial College (Autonomous), Puthanampatti, 24 & 25 November 2017.
2. Emerging vistas in plant Sciences, Nehru Memorial College (Autonomous), Puthanampatti, 18 & 19 November 2017.
3. IV National Workshop on Research Methodology, Trichy SRM Medical College Hospital and Research Centre, Irungallur, Trichy, 22<sup>nd</sup> to 24<sup>th</sup> March 2018
4. Work shop on OutCome Based Education, Nehru Memorial College (Autonomous), Puthanampatti, 25<sup>th</sup> August 2018.
5. National symposium on recent advances in medicinal and Aromatic plants, St. joseph's college, Trichy, 2015

6. Science academies lecture workshop on vistas in Biosciences, St. Joseph's college, Trichy, 2015
7. Plant Taxonomy key preparations, St. Joseph's college, Trichy, 2014
8. Recent innovation and future trends in biology, National College, Trichy, 2014

#### MEMBERSHIP IN

##### PROFESSIONAL BODIES :

1. Member in placement committee – Department of Botany, Nehru Memorial College, Puthanampatti

##### ACADEMIC BODIES ( Such as Board of Studies etc.,)

1. UG Board of Studies Member, Department of Botany, Nehru Memorial College, Puthanampatti
2. PG Board of Studies Member, Department of Botany, Nehru Memorial College, Puthanampatti