

Name : **Dr. G.VELMURUGAN**

Designation : **ASST. PROFESSOR**

Department : **BOTANY**



ACADEMIC QUALIFICATIONS

Degree	Subject	University / Institution	Year of Passing	Class
B.Sc.	Botany	National College Tiruchirappalli	April 2007	First
M.Sc.	Botany	National College Tiruchirappalli	April 2009	First
B.Ed.	Biological Science	JJ college of Education Tiruchirappalli	May 2010	First Class with Distinction
M.Phil. (Full Time)	Botany	National College Tiruchirappalli	December 2011	First Class with Distinction
PGDCA	Computer Application	Annai Akilandaswari Institute Tiruchirappalli	April 2011	First

Ph.D. (Full Time)	Botany	National College Tiruchirappalli	February 2018	Commended
TEACHING EXPERIENCE :				
<input type="checkbox"/> Working as a Assistant Professor in the PG & Research Department of Botany, Nehru Memorial College (Autonomous), Tiruchirappalli-621007, from June 13 th 2018 to till date (6 month).				
RESEARCH EXPERIENCE :				
- Worked as a project fellow in the Major research project (UGC) entitled Enumeration of Medicinal plants from Boda Hill, Namakkal District of Tamil Nadu and Tissue culture, Antimicrobial and Phytochemical studies on some high value therapeutic plants at Department of Botany, National college, Tiruchirappalli. (3 years)				
AREA OF RESEARCH :				
<ul style="list-style-type: none"> • Biodiversity Conservation • Plant Tissue Culture • Microbial Studies • Pharmacological studies • Phytochemical analysis of some Medicinal Plants 				

PUBLICATIONS : (for past five years)

International Journal

1. S.P. Anand S Deborah and G Velmurugan (2017). Evaluation of *In vitro* anticancer activity of *Tarenna asiatica* (L.) fruits ethanolic extract against human breast cancer. *International Journal of Herbal Medicine*. 5(5); 110-113.
2. Velmurugan, G. and S. P. Anand (2017). Phytochemical analysis of *Phyllodium pulchellum* L. Desv. Leaf by UV-visible spectroscopy and FTIR. *International Journal of Pharmacy and Biological Sciences*. 7(3); 61-64.
3. Velmurugan, G. and S. P. Anand (2017). Antifungal Activity and Quantitative Phytochemical Analysis of *Phyllodium pulchellum* L. Desv.- An Important Medicinal Plant. *International Journal of Current Research in Biosciences and Plant Biology*. 4(8); 67-72.
4. Velmurugan, G. and S. P. Anand (2017). *In vitro* regeneration of a threatened medicinal plant *Phyllodium pulchellum* L. Desv. *International Journal of Botany and Research*. 7(4); 61-68.
5. Velmurugan, G. and S. P. Anand (2017). GC-MS Analysis of bioactive compounds on ethanolic leaf extract of *Phyllodium pulchellum* L. Desv. *International Journal of Pharmacognosy and Phytochemical Research*. 9(1); 114-118.
6. Velmurugan, G. and S. P. Anand (2016). Preliminary phytochemical screening and antibacterial activity of *Phyllodium pulchellum* L.. desv. an important medicinal plant. *International Journal of Advanced Research*. 4(2); 785-791.
7. Velmurugan, G., Anand, S. P and A. Doss (2014). Phytochemical and Antimicrobial screening of *Ctenolepis garcinii* Burm.f -an important medicinal climber. *International Journal of Current Biotechnology*. 2(11); 1-4.

8. S. P. Anand, G. Velmurugan, M. Keerthiga and V. Nandagopalan (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 M. Keerthiga (2014). Callus induction and *in vitro* regeneration of *Ctenolepis garcinii* – an important medicinal climber. *International Journal of Current Biotechnology*. 2(2); 16-20.
10. Velmurugan, G., Anand, S.P. and Doss, A (2014). *Phyllodium Pulchellum*: A Potential medicinal plant - A review. *International Journal of Pharmacy Review and Research*. 4(4); 203-206.

International conference

Name of Certificate	Certificating Agency	Year
International Conference on Sustainable utilization, Management and Conservation of Bio-resources	PG and Research Department of Botany St. Joseph's College (Autonomous) Tiruchirappalli - 620 002	2013

National Journal

1. S.P. Anand S Deborah and G Velmurugan (2018). Evaluation of antioxidant activity of some wild edible fruits collected from Boda and Kolli hills. *The Journal of Phytopharmacology*. 7(2); 127-133.
2. Velmurugan, G. and S. P. Anand (2017). *In vitro* antioxidant activity of *Phyllodium pulchellum* L. Desv - an threatened medicinal plant. *Asian Journal of Pharmaceutical and Clinical Research*. 10(10); 282-285.
3. S.P. Anand S Deborah and G Velmurugan (2017). Antimicrobial activity, nutritional profile and phytochemical screening of wild edible fruit of *Catunaregam spinosa* (Thunb.) Tirveng. *The Pharma Innovation*. 6(10); 106-109.
4. S.P. Anand S Deborah and G Velmurugan (2017). Quantitative phytochemical analysis of some edible fruits from Boda and Kolli hills. *Journal of Pharmacognosy and Phytochemistry*. 6(5); 2002-2005.

5. S.P. Anand, G. Velmurugan, D. Revathi (2016). Survey of medicinal plants from Vadachennimalai Hill, Salem district of Tamil Nadu, India. *Journal of Medicinal Plants Studies*. 4(3); 219-223.
6. Velmurugan, G., Anand, S. P and A. Doss (2015). *In-vitro* direct regeneration from nodal explants of *Toddalia asiatica* (L.) Lam. *Asian Journal of Plant Science and Research*. 5(1); 49-53.
7. Velmurugan, G., Anand, S. P and A. Doss (2014). Phytochemical screening and antimicrobial activity of aerial parts of *Toddalia asiatica* (L.) Lam. *Journal of pharmaceutical biology*. 4(1); 20-22.

National conference

Name of Certificate	Certificating Agency	Year
OutCome Based Education	Nehru Memorial College (Autonomous), Puthanampatti	2018
Data Science Research- Biological Date Management	PG and Research Department of Botany Jamal Mohamed College (Autonomous) Centre for Biodiversity Informatics, Tiruchirappalli - 620 020	2017
Natural Product Research	PG and Research Department of Biotechnology National College (Autonomous) Tiruchirappalli - 620 001	2016
Bio-prospecting and Bio- resources	PG and Research Department of Botany St. Joseph's College (Autonomous) School of biological sciences Tiruchirappalli - 620 002	2016
Science Exhibition	PG and Research Department of Microbiology Kamaraj College Madhurai- 628 003	2016
National Symposium on Recent Advances in Medicinal and	PG and Research Department of Botany St. Joseph's College (Autonomous)	2015

Aromatic Plants	School of biological sciences Tiruchirappalli - 620 002	
Science Academies' Lecture Workshop on Vistas in Biosciences	PG and Research Department of Botany St. Joseph's College (Autonomous) School of biological sciences Tiruchirappalli - 620 002	2015
Plant Taxonomy Key Preparation	PG and Research Department of Botany St. Joseph's College (Autonomous) Tiruchirappalli - 620 002	2014
Recent Innovation and Future Trends in Biology	PG and Research Department of Botany National College (Autonomous) Tiruchirappalli - 620 001	2014

Book

Title	Author's Name	Publisher	Year of Publication
MEDICINAL PLANTS – DIVERSITY AND AILMENTS (Flora of Boda Hills, Tamil Nadu)	S. P. Anand and G. Velmurugan	Archers & Elevators Publishing House, Bangalore- 560 090, INDIA.	2015 (ISBN: 978-93- 85640-23-0)

MEMBERSHIP IN

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