



FACULTY PROFILE

Name & Designation	: Dr. V. PRABHU Assistant Professor, PG Department of Chemistry, NGM College, Pollachi, Coimbatore – 642001
E-mail	: prabhusamruth@gmail.com prabhunmr@gmail.com
Educational Qualification	: M. Sc., Ph.D
Specialization	: Phytochemistry and Synthetic organic chemistry
Working Experience	: 7 Years
Research Experience	: 12 years

Academic Activities

● No of M.Sc., Project guided	: 07
● Member of Board of studies at NGM College (PG Chemistry)	
● No. of Articles Published in International/ National Journals	: 13
● No. of articles published in Conference Proceedings	: 07
● No of conferences/ seminars/workshops Attended	: 18
● FDP/Hands on training Attended	: 08

Online Participation

● Short Term Online Courses Completed	: 16
● Online Webinar Attended	: 34
● FDP/ Hands on Training Attended	: 18
● Online Conference/ Seminar/Workshop Attended	: 11

Research Publications

- ✚ GC-MS analysis of petroleum ether, chloroform and methanol extract of *Ixora coccinea*'s flower and *in-vitro* cytotoxic activity of methanolic extract against DLA and EAC cancer cell lines. **Velliangiri Prabhu**, K. Poonkodi, R. Mini, K. Vimala Devi and M. Karthigai Priya. International journal of analytical and Research reviews. 2018, 5(4): 801-807.
- ✚ In-vitro cytotoxicity potential of ethanol extract of *Syzygium samarangense* (wr.) Poonkodi K, **V.Prabhu**, R.Mini, Vimaladevi K, Anusuya M, Karthigai Priya M and Saranya KS, Kongunadu Research Journal, 6(1):29-31,2019.
- ✚ Evaluation of phytoconstituents of *Andrographis paniculata* and its *in-vitro* antioxidant activity using DPPH and ABTS assay. Jeevitha N, Nandhakumar K, Vasanth Mohan S, Pradeep K and **Velliangiri Prabhu**. American International journal of research in Science, Technology, Engineering and Mathematics, 16: 179-183.
- ✚ **Velliangiri Prabhu*** & Subban Ravi, Isolation of phytoconstituents from the flowers of *Couroupita guianensis*. Indian Journal of Chemistry, 2017, vol 56B, PP.709-713.
- ✚ Isolation and characterization of phytoconstituents from *Couroupita guianensis* flowers using low polar solvents. **Velliangiri prabhu**, Subban Ravi, S. Elamaram and Murugan kamaian. Published in international conference on system, science, Control, Communication, Engineering and Technology 2015.
- ✚ **Velliangiri Prabhu**, and Subban Ravi. LC-MS study for methanolic extract of *Couroupita guianensis* flowers. Indo American Journal of Pharmaceutical Research. 2013; 3(8): 6360-6365.
- ✚ Illath Sujina, **Velliangiri Prabhu**, Hariharan Hemlal and Subban Ravi. Essential oil composition, Isolation of β -asarone and its antibacterial and MRSA activity from the rhizome of *Acorus calamus*. Journal of Pharmacy research. 2012; 5(6):3437-3440.
- ✚ **Velliangiri Prabhu**, and Subban Ravi. Quantification of Quercetin and Stigmasterol of *Couroupita guianensis* Aublt by HPTLC method and *in-vitro* cytotoxic activity by MTT assay of the methanol extract against HeLa, NIH 3T3 and HEPG2 cancer cell lines. International journal of pharmacy and pharmaceutical science. 2012; 4(4): 126-130.
- ✚ **Velliangiri Prabhu**, and Subban Ravi. Isolation of a novel triterpene from the Essential oil of fresh leaves of *Chromolaena odorata* and its *in-vitro* cytotoxic activity against HepG2 cancer cell line. Journal of applied pharmaceutical science. 2012; 2(9): 132-136.
- ✚ Bahlul Z. Awen , C.R. Unnithan , S. Ravi , Adel kermagy , **V. Prabhu** and H. Hemlal. Chemical Composition of *Salvia officinalis* Essential oil of Libya. Journal of essential oil bearing plants. 2011; 14 (1): 89-94.
- ✚ **Velliangiri Prabhu**, Illath Sujina, Hariharan Hemlal and Subban Ravi. Essential oil composition, antimicrobial, MRSA and *in-vitro* cytotoxic activity of fresh leaves of *Chromolaena odorata*. Journal of Pharmacy research. 2011; 4(12): 4609-4611.

- ✚ Hemlal Hariharan, Sujina Illath, **Prabhu Velliangiri** and Ravi Subban Cytotoxic activity of the alkaloids and free radical scavenging activity of the aqueous extract of the root part of *Pseudarthria viscida* (L) Wight and Arn. Journal of Pharmacy research.2011; 4(8): 2707-2709.
- ✚ Subban Ravi, Kishore K. Chiruvella, K.Rajan, **V.Prabhu**, Sathees C. Raghavan. 5- Isopropylidene-3-ethyl rhodanine induce growth inhibition followed by apoptosis in leukemia cells. European journal of medicinal chemistry. 2010; 45(7): 2748-52.

Seminars, Conferences, Symposia, Workshops Participated/ Presented

Name of the Seminar/ Conference/ Symposia Workshop, etc.	Name of the Sponsoring Agency	Place and Date
National Seminar: “Recent Trends in Chemistry- Chemical Spectroscopy, Environmental, Energy Conservation”	Tamilnadu State Council for Higher Education	PG Department of Chemistry, Arulmigu Palaniandavar College of Arts & Culture, Palani. 23 rd and 24 th January 2020.
National Seminar: “Advanced Materials for Energy, Environment and Medicinal Applications”	Tamilnadu State Council for Science and Technology	PG Department of Chemistry, NGM College (Autonomous), Palakkad Road, Pollachi, Coimbatore-642001. 11 th and 12 th July 2019
National Conference: “Innovations in Bio Chemical and Food Technology”	Department of Bionotechnology, Kumaraguru College of Technology, Coimbatore.	Department of Bionotechnology, Kumaraguru College of Technology, Coimbatore . 02 nd February 2019.
Workshop: “Spectral data interpretation & Chromatographic Techniques”	PG Department of Chemistry, NGM College, Pollachi	PG Department of Chemistry, NGM College (Autonomous), Palakkad Road, Pollachi, Coimbatore-642001. 26 th July 2018
Workshop: “E-Content Development”	NGM College, Pollachi	NGM College (Autonomous), Palakkad Road, Pollachi, Coimbatore- 642001. 11 th January 2018
National Conference: “Recent Innovations in Greener Nano Technology”	PG Department of Chemistry, NGM College, Pollachi	PG Department of Chemistry, NGM College (Autonomous), Palakkad Road, Pollachi, Coimbatore-642001. 21 st July 2017
Annual Research Congress: “Essential oil composition from <i>chromolaena odorata</i> and its cytotoxic activity”	Karpagam University	Department of Chemistry, Karpagam University, 2010- April
National symposium: “National symposium on alternative medicine”	Karpagam University	Department of Biotechnology, Karpagam University, 2010- March

National Seminar: “National level seminar on Recent Developments in Medicinal and Green Chemistry”	Karpagam University	Department of Chemistry, Karpagam University, 2010-October
Annual Research Congress: “Essential oil composition from <i>chromolaena odorata</i> and its antimicrobial activity”	Karpagam University	Department of Chemistry, Karpagam University, 2009-April
Indian Youth Science Congress: “3rd Indian youth science congress”	SRM University, CSIR and MSSSRF	NASC Complex, NEW DELHI, Nov-2011
National Level workshop: “1D and 2D NMR Spectroscopy and their applications”	Sri Ramakrishna Mission Vidyalaya College of Arts and Science	Sri Ramakrishna Mission Vidyalaya College of Arts and Science , Sep-2010
National Seminar: “National level seminar on Phytochemicals: their role in disease prevention and health promotion”	ICMR	Kongu Engineering College, Perundurai, 2010
National level workshop: “Interpretation of spectral data and identification of phytoconstituents by using spectroscopic techniques”	Karpagam University	Karpagam University, 2009
National Seminar: “Nano technology and its applications “	Bharathiyar University	Bharathiyar University, 2007
National workshop and FDP: “Pharmaceutical Chemistry-Green Technologies & Effective Teaching Aids “	AICTE	Sree Sidaganga College of Pharmacy, Tumkur, Oct-2009.

Extra Curricular Activities

- Obtained M.Phil and Ph.D Guideship in Bharathiar University, Coimbatore (22232/A2/2018 & 17/09/2018).
- Member of society of biological chemists
- Reviewer of International journal of Biochemistry research and Review
- Indian Ambassador of Benthem science journal
- Acted as a resource person at Arul Anandar College, Department of Chemistry, Madurai

- Acted as a panel member for national conference at Karpagam Institute of technology, Department of S&H, Coimbatore

Organizing member

- State level workshop-01
- Guest lecture -01
- Online virtual international FDP-01
- Online workshop-01

Convener

- online international webinar-01

Coordinators

- ISO coordinator
- Placement coordinator

Responsibilities

- To enhance the theoretical and practical knowledge to the students for higher level.
- Isolation of the compounds by using TLC and Column chromatography.
- Characterization of the compounds by using spectral data like IR, UV, ^1H -NMR ^{13}C - NMR , HSQC, ^1H - ^1H COSY, HMBC and MS spectra.
- Biological activities for the isolated compounds (cytotoxicity, antimicrobial, antidiabetic, antioxidant etc...).