

–Dr. G. Priya

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Summary

Highly motivated and self-driven person with 15+ years of experience having very good and effective communication skills. Have very good presentation skills. Have rich knowledge and expertise in Biotechnology, Biochemistry, Chemistry and Pharma topics with proven track record in teaching and research.

Education

- Ph .D. (Life sciences) Faculty of Science and Humanities , **Sathyabama University, Chennai (2010-2016)**
- M.Phil., (Bio Chemistry), **JJ College of arts and Science (Bharathidasan University), Trichy 2002-2003, Obtained distinction with 88.6%.**
- M.Sc., (Bio Chemistry), **JJ College of arts and Science (Bharathidasan University), Trichy 1999-2001, Obtained First class with 71.6%**
- B.Sc., (Chemistry), **Seetha Lakshmi Achi college for women, MK University, Madurai, 1996-1999**
- PGDIW&WWT (**Alagappa University,1999-2000**)

Experience

Role	College or University	Duration
Assistant Professor	Mohamed Sathak college of arts and Science	Jun/2017 to Till Date
Assistant Professor	Prof. Dhanapalan college of Arts and Science	Nov/2013 to Nov/2014
Assistant Professor	Dr. MGR Educational and Research Institute University	Jun/2010 to Dec/2011
Lecturer Bio Technology	Vel SRS college (Vel Tech group of Educational Institution)	Nov/2008 to May/2010
Lecturer Bio-Chemistry / Bio Technology	Vivekananda College, Tiruchengode	Jun/2002 to Apr/2008

Total Experience (15 years) (Both UG AND PG)

Papers Published:

- Antimutagenic Potential of *Murraya koenigii* on chromosomal Abberations induced by sodium Azide in *Allium cepa* root tip cells. Bulletin of Environment, Pharmacology and Lifesciences vol:1, Spl iss:1, p:1-8 (**Web of Science, UGC care**) (2022).
- Green Synthesis of Gold Nano Particles from *Curcuma longa* and its Anticancer activity in cancer cell. Bulletin of Environment, Pharmacology and Lifesciences . vol:1, Spl iss:1, p:1-8 (**Web of Science, UGC care**) (2022)
- Enzyme Analysis and Histological studies of Earthworms on the Treatment of Different organic Wastes. Ecology, Environment and Conservation vol:28, Spl iss:1, p:S258-S264 (**Web of Science, UGC care**) (2022)
- Antioxidant and Cytotoxic effect of Ethanolic extract of *Nigella sativa* seeds on hep2 cancer cell lines. Indian Journal of Natural Science .vol:13, iss:71, p:1-8 (**Web of Science, UGC care**) (2022)
- Studies on Textile Effluent Affected some vegetable crops and their Biochemical parameters. vol:40, iss:3, p:435- 439. Pollution Research (**Scopus indexed**) (2021)
- Genotoxic effects of *Eclipta alba* and *Euphorbia hitra* on allium cepa meristematic tissue: Plant cell Biotechnology and Molecular cell Biology. vol:22, iss:33, p:546- 550 (**Scopus indexed, UGC care**) (2021)
- Invitro Antioxidant and Antiproliferative Effect of Ethanolic Leaf Extract of *Trianthema decandra* on Hep2 cancer cell lines. Annals of Romanian society for cell biology vol:25, iss:4, p:9410- 9421 (**Scopus indexed**) (2020)
- Genotoxic effects of *Azadirachta indica* and *Cynodon dactylon* on *Allium cepa* meristematic tissue ; International journal of Scientific Research and Reviews (2019)
- Antiproliferative effect of Ethanolic Medicinal fungus extract of *Agaricus Bisporus* on Hep2 cancer cell lines; Journal of drug delivery and Therapeutics (2018)
- Antioxidant mediated defense role on *Eclipta Alba* herbal extract against CCl4 induced toxic hepatitis; International Journal of Current Pharmaceutical Research; (2017)

- Evaluation of Antioxidant Activity in relation with their phenolic and flavonoid content of *Eclipta Alba* leaf collected from five different geographical regions of Tamilnadu; International Journal of Advances in Inter disciplinary research, vol:4, iss:4, p:10-16; (2017)
- *in Vitro* antioxidant and antiproliferative effect of ethanolic leaf extract of *Eclipta Alba* on hep2 cancer cell lines; International Journal of Current Research in Biology and Medicine; (2017)
- Phytochemical and therapeutic Evaluation of *invitro* derived callus And shoot of *solanum trilobatum*. Pakistan Journal of Pharmaceutical Sciences. (impact 0.682) (**scopus index**) (2014)
- Antiproliferative effect of ethanolic Leaf extract of *Solanum trilobatum* On hep2 cancer cell lines. Asian Journal of Pharmaceutical and Clinical Research. (Impact 0.7) (**Elsevier index**) (2014)
- Studies on Antioxidant activity of Phenol and flavonoid content of *Solanum trilobatum*; Life Science International Research Journal. (2014)
- Evaluation of antibacterial activity and Phytochemical analysis of medicinal plant *solanum trilobatum*; International Journal of Pharma and Biosciences. (Impact 0.35) (**Scopus index**) (2014)
- Invitro derived callus and shoot of a medicinal herb *solanum trilobatum* and their effect on hepatocellular carcinoma; International Journal of Pharmacy and Pharmaceutical Sciences. (International with Impact 0.49) (**Web of Science index**) (2013)
- Effect of Textile Effluent on Biochemical Parameters in Some Vegetable Crops; Indian Journal of Innovation and Development (2012)
- In vivo Anti–hyperlipidemic Effects of Edible Mushroom, *Agaricus bisporus*; Advanced Biotech. Vol. 10 Iss; 07 1 January (2011)
- Central nervous system depressant properties of reef associated gastropods, *Drupa margariticola* and *Trochus tentorium* from Gulf of Mannar, Southeastern India; J. Chem. Pharm. Res., 2011, 3(1):154-159 (2011)
- Enhanced cultivability of antagonistic bacterial strains from soft coral *sinularia* sp., Gulf of Mannar, Southeastern India. African Journal of Microbiology Research 5(12). (2011)

- Effect of *Trianthema decandra* extract on Carbon Tetra chloride induced Biochemical changes in Rat.; CiiT International Journal of Biometrics and Bioinformatics Agriculture and forestry. (2011)
- Effect of *Trianthema decandra* extracts on ccl4 induced Biochemical changes in rats; Journal of Chemical and Pharmaceutical Research (2011)

Workshops attended:

- Two day workshop on Lab Animal Care and Research (2nd and 3rd July 2009)
 - Animal ethics, CPCSEA, IAEC – Guidelines, Preparation of Research Proposal for IAEC approval.
- Two day workshop on Research Paper Reading and Writing in Life Sciences held at Dr. M.G.R university.
- Participated in Sensitization Meeting on “Exposure to Women Scientist in Career and funding Opportunities” held at University of Madras, Chennai (funded by DST, New Delhi)
- Participated in the one day faculty development program on Mentoring -Being a great teacher and moving towards excellence held at Mohammed sathak college.
- Participated in National Workshop on Good Laboratory Practices held at Guru Nanak college of arts and science,
- Participated in the one day Faculty Development Programme on Mentoring Being a great teacher and moving towards Excellence on 7th December 2017 at Mohamed Sathak College.
- Participated in the Indo-Lecture Workshop on Emerging and Re-Emerging of Infectious Diseases: Need of the hour organized by Sathyabama Institute of Science and Technology on 27th February 2020.
- Participating in International workshop on Artificial intelligence in Bioinformatics and drug discovery, conducted on 14th August 2019 by wisecorner laboratories Pvt Ltd.
- Participating workshop on Mushroom cultivation and Biofertilizer production held on 28th August 2019 at Mohamed Sathak College .

- Participating Three day online Faculty Development Programme on Lifeskills and Personality Development Organized by Mohamed Sathak AJ college of Engineering, from 27th to 30th may 2020.

International and National Conferences

- International Symposium on “Recent Advances in Biological Sciences” held on 11th and 12th October 2001 at K.S.R College and presented a paper.
- National Seminar held at Karpagam college Coimbatore and presented a paper.
- National Seminar held at Kongu College Coimbatore and presented a paper.
- National Seminar on Biotechnology a global perspective held on January 6th and 7th 2006 at Muthyammal college and presented a paper.
- National Seminar on Recent Trends in Biosciences held on 23rd and 24th February 2006 at Vivekanandha college of arts and science and presented a paper.
- National seminar on Current Technology developments and Biosciences held on 12th to 14th september 2007 at Vivekanandha college of arts and science and presented a paper
- National Seminar on Emerging Trends in Medical Biotechnology
- Presented a paper in National Seminar on Recent Trends in Environmental Toxicology held on December 2010 at Sir Theagaraya College, Chennai.
- National seminar on medicinal and aromatic plant research, held on 12th and 13th December 2013 at VHSNN college and presented a paper.
- International conference on advances in civil engineering and chemistry of innovative material held on 13th and 14th march 2014 at SRM University and presented a paper.
- International conferences on agriculture and life sciences held on 24th and 25th January 2014 at International multidisciplinary Research foundation Andhra Pradesh and presented a paper
- National conference on green technologies environmental engineering and ethics held at 27th and 28th march 2014 at AVIT university and presented a paper
- National conference on Recent trends in chemical engineering held on 25th and 26th February 2014 at Anna university and presented a paper.
- National conference on Nascent Technologies in biomedical, electrical and communication engineering. held on 5th and 6th august 2011 at VEL TECH university.
- National level seminar on perspectives and issues in Cancer biology and its prevention held on 27th February 2014 at Prof. Dhanapalan college Chennai.

- National level seminar on Microbes across boundaries ,Bridging innovation in the field of Microbiology held on 22nd and 23rd September 2017 at Vivekanandha college of arts and science .Tiruchengode.
- National level conference on interdisciplinary research and innovation in Biosciences held on 24th and 25th January 2018 at Mohammed sathak college of arts and science.
- National symposium on Biodiversity perspectives held on 20th September 2018 at Hajee Karutha Rowther Howdia college,
- International conference on Mother and child care held on July 15-16, 2019 at Bangkok, Thailand.
- Participating in the National webinar on patenting of Biotechnological inventions in India organized by the Guru Nanak Centre for Research, Guru Nanak college,

Details of Research dissertations/thesis works carried out:

M.Sc., Dissertation:

Effect of *Trianthema decandra* extract on ccl4 treated Biochemical changes in Rats.

M.Phil., Dissertation:

Biochemical, Phytochemical and Therapeutic evaluation of invitro derived callus and shoot of medicinal herb “*Eclipta alba*” and their effect on hepatitis.

Ph.D., Topic:

“Invitro production of antibiotic from *solanum trilobatum* and their effect on hepatocellular carcinoma.”

Achievements

- Received the best presenters award for the paper “Effect of an Edible mushroom” at Vivekanandha college, Tiruchengode.
- Received the best and dedicated teacher award for producing cent percent result during the academic year 2004-2005 at Vivekananda college
- Has Delivered a lecture and handled a laboratory session in the Young students Scientist Programme- From 2nd may 2019 to 16th may 2019 at Mohamed Sathak college of arts and science, Under the Sponsorship of Tamilnadu state Council of Science and Technology.

Computer skills: Proficient in using MS Word, Excel and PowerPoint

Language known: English, Tamil and Hindi.

Other Activities:

❖ **Acting as Examiner for both UG and PG at University of Madras and various Universities and autonomous colleges.**

Ph.D Guideship in the Department of Biochemistry at University of Madras and Guiding two Ph.D Scholars.

References

Dr. Srinivasan	Dr. C. Chellaram
Scientist, and PRO- Administrative department, CLRI, Phone no: 044 24437191, 9787232901.	Assistant Professor, sur college of Applied Science Ministry of Oman, Phone no: 9944040538, +96891419757