

FACULTY PROFILE

Name : **Dr. V.DEVI**
Qualification : M.Sc., B.Ed., M.Phil., Ph.D.
Designation : Assistant Professor
PG & Research Dept. of Biochemistry
Years of Experience : **UG** : 2 **PG** : 2
Email Id : arunadevi.varma@gmail.com

Areas of

- **Specialization** : Plant / Animal biotechnology, Biomolecules

Publications

1. **Devi V**, Dr. Rahul Ratnakar Mahamuni , Dr. Sajith. S , Dr. K. Prabhu and Dr. Shivam Dubey “Biological Applications Of Gold Nanoparticles” in “Journal of the Maharaja Sayajirao University of Baroda” 56:1(II), 2022, (ISSN 0025-0422).
2. M.Punithavathi and **Devi V** “A Study on the Bioactive potential of fresh and dried sprouts of Cocos Nuciferas L. An *In-vitro* and In-silico Approach” in “Digital Transform Using Emerging Technologies”, AN publications, ISBN: 978-81-960885-8-3.
3. **Devi.V** and M.Punithavathi “Beneficial Role of Melatonin on NDEA induced Liver Cancer In Mice” in “Digital Transform Using Emerging Technologies” , AN publications, ISBN: 978-81-960885-8-3.
4. **Devi V**, Nephroprotective Effect Of Gallicacid On Vancomycin Induced Nephrotoxicity in Rats , In National Level Seminar On “Recent Trends In Aquatic Terrestrial Biology” (ISBN 978-93-84737-33-7).
5. **Devi V** , Jayapalan JJ, Subramanian P. “Effect of melatonin on antioxidant status and circadian activity rhythm during hepatocarcinogenesis in mice”. Journal of Cancer Research and Therapeutics. 10(4): 1040-1044, 2014.
6. **Devi V** and Subramanian P. “Modulation of circadian rhythms in hepatic marker enzymes and antioxidants in NDEA induced mice”. International Journal of . Modern Research and Review. 2014; 7: 215-220.
7. Published a Book Chapter in “Advancement In Engineering, Science and Mathematics” on “Cancer Genetics” (AESM) on 28.02.2022 (ISSN:0025-0422).
8. Published a book on “Concept of Human Rights” published in INSC International Publishers; ISBN: 978-1-68576-373-2.

9. Published a book on “Text Book of Research Methodology and Scientific Writing” Volume -I Interactive International Publishers, Bangalore, ISBN :978-93-5747-011-7.
10. Published a book on “Text Book of Research Methodology and Scientific Writing” Volume -I Interactive International Publishers, Bangalore, ISBN :978-93-5747-012-4.
11. Published a Book Chapter in “Text Book of Global Advances in Life Sciences” on “In Situ Hybridization And Its Role In Livestock Genetics” ISBN: 978-93-91342-47-0.

Patent

Published a patent entitled on “Modified artificial photosynthesis for CO₂ decarbonization” with Appl.No. 202241038227 02.07.2022.

Presentations

1. Presented a paper In National Level Conference on “Recent Trends In Biological Sciences” Topic entitled “Assesment of Phytochemical Compositions Of Plantain (*Musa Paradisiaca*) 24th January 2023 Organized by G.Venketaswasmy Naidu College (Autonomous), Kovilpatti.
2. Presented a paper In Interational Level Conference on “Post Covid Complication & Biological Approach” Topic entitled “Phytochemical Analysis & Characterization of Trigonella Foenum Graceum (Fenugreek Seeds) 8th August 2022 Organized by Saveetha Dental College & Hospital, SIMATS, Chennai,
3. Presented a paper In National Level Conference on “Post Covid Complication & Biological Approach” Topic entitled “Future Scope in Nanotechnology & Diagnosis” 27th and 28th August 2022 Organized by Jamal Mohamad College, Thiruchirapalli.
4. Presented a paper In National Level Conference on “NANO 2022 - Design and Formulation - An Approach to Biomedical Therapy” topic entitled “Future Scope in Nanotechnology & Diagnosis” On 27th August 2022, Organized by Dhanapalan College of Science and Management, Chennai.”
5. Presented a paper In International Level Conference on “Biological Innovation & Computational Exploration For Pandemic Chanllenges (BICPAC)” Topic entitled “Nephroprotective Effect of Gallic acid in Vancomycin Induced Nephrotoxicity” on 24th and 25th February ,2022 organized by PG & Reaserch Department of Zoology , Bischoep College, Trichy.
6. Presented a paper In National Level Conference “Recent Trends In Chemical Sciences 2022, Topic entitled “Extraction,Characterization & Antioxidant Activities of Fenugreek Seed Oil” on 4th April , 2022 Organized by Sona College Of Arts & Science, Salem .
7. Presented a paper In National Level Conference on “Recent Trends In Aquatic Terrestrial Biology”, Topic entitled “Nephroprotective Effect of Gallic acid in Vancomycin Induced Nephrotoxicity” on 4th April ,2022 organized by PG & Reaserch Department of Zoology , Muslim Arts College, Thiruvithancode, Kanniyakumari.

8. Presented a Paper entitled “Influence of melatonin on the status of lipid peroxidation and antioxidative during N-nitrosodiethylamine-induced liver carcinogenesis in mice” in UGC-SAP sponsored *National Conference on Diabetes Mellitus and Cancer (DIA-CAN’12)* December 2012” in Department of Biochemistry & Biotechnology, Annamalai University, Annamalai nagar, Chidambaram..
9. Presented a Paper entitled “Status during n-nitrosodiethylamine-induced liver cancer in mice” in 3rd international conference on bioinformatics and systems biology (INCOBS-2012) on 16th-18thFebruary, 2012 at Annamalai University, Annamalai nagar. Chidambaram.
10. Presented a paper Paper entitled “Beneficial role of gallic acid on vancomycin induced nephrotoxicity in rats” in International conference on natural products and Biomedical Technology (ICNPBT-2011) on 10-12, January 2011 at Annamalai University, Annamalai nagar, Chidambaram.

Conferences/Workshops/Seminar/Webinars Participated

1. Participated in the One day seminar on Enriching Academic Writing Style on 5th May 2022, at Marudhar Kesari Jain College for Women, Vaniyambadi.
2. Participated in the National Level Webinar on 18th May on “Data is Everywhere : A Different Perspective of Data” Organized by PG Research Department of Computer Science and PG Department of Computer Applications, In Association with Rotary club of Global Scholars at Marudhar Kesari Jain College for Women, Vaniyambadi.
3. Participated in the State Level Webinar on 22nd April 2022 on “Angel Investment/ Venture C Opportunity for Early Stage Entrepreneurs” Organized by Institution’s Innovation Council (IIC), Atal Ranking of Institutions in Innovation Achievements & Women Entrepreneurship Development Cell Of Marudhar Kesari Jain College For Women,Vaniyambadi.
4. Participated in the National Webinar on 25th November “Motivation Session by Successful Innovators” organized by IIC, Marudhar Kesari Jain College for Women, Vaniyambadi. P
5. Participated in the Nation level “Constitution Day Quiz” on 26th November 2021 Conducted by Citizen Consumer Club, YRC, RRC, NSS of Marudhar Kesari Jain College for Women, Vaniyambadi.
6. Participated in the State level Webinar on 11th November 2021 On “Importance of Education & Women Empowerment”, organized by institutions in Innovation Achievements, Marudhar Kesari Jain College for Women, Vaniyambadi.
7. Participated in the National conference on 20th February 2010on “Frontiers in Medical Biotechnology & The 20th Annual meeting of the society of biological chemists (India)”, in the Department of Biochemistry and Biotechnology, Annamalai University,Chidambaram.
8. Participated in the *Symposium on* 1st November 2011 on “*pain management and research*, Annamalai University, Chidambaram.
9. Participated in the National Level workshop on 27th February and 2nd March 2010 sponsored by Prof. K.S. Sonachalam memorial XX inter-disciplinary research methodology workshop on at Department of Economics, Annamalai University. Chidambaram.
10. Participated in the State level conference on 8th February 2008 on “Trends in bio-sciences [TIBS-08] K.M.G. college of Arts and Science, Gudiyatham, Vellore.
11. Participated in the State level Symposium on “Newer challenges in laboratory diagnosis for

life style diseases” Loyola college, Chennai.

12. Participated in the National level Symposium on 12th October 2007 on 6th winter symposium on Cardiovascular sciences, Christian Medical College, Vellore.

Professional Society Membership

1. International Peer reviewed Research Journal & Book Publication
2. Global Professors Welfare Association Forums

Awards

1. Received a TIP Great Educator Award on 24th January 2022, Sponsored Youth & Sports Development Federation of India, Azadi ka Amrit Mahotsav.
2. Received a International PAAI International Awards for Education Excellence on 26th February 2022, PRITHVI Association India.
3. Received a Dr. APJ Abdul Kalam education excellence awards 2022 on 27th July 2022, Sponsored by TIP Community
4. Received a Bharathiyar Achiever Award on 11th September 2022 by Srivivekanandha Multiskill Development Centre.
5. Received a Women Transforming National Award 15th October 2022 by Women Empowerment.
6. Received a 7th December 2022 by Vajra Kodi mani Award.