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Web of Science Researcher ID AAZ-2168-2020

https://scholar.google.com/citations?user=NK1s1_IAAAAJ&hl=en

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Title: Associate Professor

Department : Biotechnology, Sri Padmavati Mahila Visvavidyalayam, Tirupati

Research Publication : International : **60** National: **14**

Book Chapters : **08**

Seminars/Conferences :

Attended/Participated: International : **30** National; **58**

Organized : International : **01** National: **08**

Research Projects : International :-National : **05**

Ph.D/ MPhils/Post Docs Guided : **06 + 02**

Reviewer : International: **05** National Journals:

Seminars/Conferences organized : International : **01** National : **08**

Titles of Three (3) Best Publications (Last 5 Years) :

- Therapeutic applications of Magnetotactic bacteria and Magnetosomes: A review emphasizing on the Cancer treatment. *Frontiers in Bioengineering and Biotechnology*, **10: 1-14, 2022. Impact Factor: 5.890**
- Formulation, Optimization and In vitro Characterization of Omega-3 rich binary lipid carriers for Curcumin delivery: In vitro evaluation of sustained release and its potential antioxidant behaviour, *Polymer Bulletin(Springer) 2021, Impact Factor: 2.870*
- Bacopa phospholipid complex retrieves aluminum maltolate complex-induced oxidative stress and apoptotic alterations in the brain regions of albino rat, *Environmental Science and Pollution Research (Springer) 2019, 26 :12071-12079, Impact Factor: 4.223*
- Facile approach to synthesize magnesium oxide nanoparticles by using Clitoria ternate- Characterization and in vitro antioxidant studies, *Applied Nanoscience (Springer) 2016, 6, 437-444, Impact Factor: 3.674*
- Phytochemical fabrication and characterization of silver nanoparticles by using Pepper leaf broth, *Arabian Journal of Chemistry (Elsevier) 07-06, 1099-1103, 2014, Impact Factor: 5.165*

Special Distinctions/Awards/ Honours(State/National/International only):

- **Research Associate, UGC, New Delhi**

- **Associate Fellow-2016**, A.P. Akademy of Sciences, Andhra Pradesh
- **National Environmentalist Award, 2006**-National Environmental Science Academy, New Delhi.
- **Distinguished Scientist award**, Venus International Foundation, Chennai
- **Scientist of the year 2019**- National Environmental Sciences Academy, New Delhi
- **Best paper award** at a National Nanotechnology Meet on Energy & Environment, Centre for Nanosciences& Nanotechnology, 3rd to 5th Sep, 2012, Sathyabama University, Chennai
- **Best paper award**, at National Seminar on “ Emerging trends in Aquaculture: Challenges and Opportunities, 30th-31st, 2012, Sri Venkateswara University, Tirupati.
- **Best paper award** at a National conference on Trends in cancer research under one health concept , 4th -6th Feb, 2017, Sri Venkateswara Veterinary University, Tirupati

Administrative Positions:

- Member – Board of Studies, Dept. of Biotechnology, SPMVV
- Member– National and International Rankings committee, SPMVV
- Member – Directorate of Admissions, SPMVV
- Member– BioNEST Facility, Women Biotech Incubation Facility (WBIF), SPMVV
- Member –Student club committee, DST-CURIE-Artificial Intelligence, SPMVV
- Member– Placement Office, SPMVV
- Member– DST-CURIE, Central Instrumentation Facility, SPMVV
- Programme Officer, NSS Bureau, SPMVV
- Assistant Warden, SPMVV Hostels, SPMVV

(contd...2)

Professional/ Academic/ Administrative Recognitions:

- Young Faculty Award, Venus International Foundation, Chennai
- Invited speaker at a IMB-INDIA International Webinar on Aquatic Science and Technology 2020”16th Dec 2020, Institute of Marine Biotechnology, Universiti Malaysia Terengganu, Malaysia.
- Invited speaker at a National Conference on Luminescence and its Applications 18th to 20th Feb, 2016 RTM Nagpur University, Nagpur.
- Invited speaker at Advances in Biological systems and Material Science in Nano World, Dept.of Chemistry, 2017, Coimbatore Institute of Technology, Coimbatore.
- Invited speaker at National Seminar on Trends in Hospital waste Management- Need of the Hour” SKR Govt. Degree college, Oct 8th- 9th 2012, Gudur, Andhra Pradesh.
- Invited speaker at a Webinar Nanotechnology- based drug delivery systems: Challenges and opportunities, 21st Dec 2020 St.Joseph’s College, Vizag, Andhra Pradesh.

Visits Abroad:

- Presented a paper at an International Conference on “Prevention of Dementia” by Alzheimer’s Association held at Washington DC during June 9-12, 2007.
- Presented a paper at an International Conference 8th World Medical Nanotechnology, Dallas, USA, 8th & 9th June , 2016.
- Presented a paper at an International Conference on Science and Technology of Emerging materials ,July 18-20,2018.