

PROFILE



Name : Harika Allamsetty

Designation : HOD, Department of Biochemistry

Qualification : M.Sc, B.ed, (Ph.D)

Teaching Experience: 13 Years

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Experience Summary:

- Contemporary work status: Working as HOD – Department of Biochemistry, S.D.M.S.Mahila Kalasala, Vijayawada, from June 2012 – till date
- Lecturer in Department of Biochemistry, TJPS College (PG. Courses), Guntur. From July 2010- june 2012.

RESEARCH EXPERIENCE (2022-till date):

Under the Supervision of Associate Prof. Dr. A. Matta Reddy, Department of Life Sciences, Adikavi Nannaya University, Rajamahendravaram, A.P. Conducting Green Synthesis of Nanoparticles and study of systematic phytopharmacological investigations on selected medicinal plants, Which includes solvent extraction followed by preliminary phytochemical screening, quantitative analysis of phytochemical, Pharmacology studies and in detail FTIR, GC MS analysis for various phyto constituents and their biological importance to be reported. This is helpful in modern drug development based on medicinal plants.

LIST OF PUBLICATIONS:

- To Investigate the Effect of Sprouted Fenugreek Seed Consumption to Control Blood Sugar Levels in Newly Diagnosed Diabetic Patients Aged 25-35 years, Kusuma Neela .B, Naga Raju B., Pallavi,A., Harika, A, *Dogorangsang*, 8(14),59-64 (2021).
- Hepatoprotective Activity of Methanol Extracts of Aerial Parts of *Pergularia daemia*, Pallavi.A, Harika.A, Ram Prasad.P, Nagaraju.B, *Junikhyat*, 11(1),828-834 (2021).
- Phytochemical And Pharmacological Potential Of *Pergularia daemia*,(FORSK):a review, Haika.A ,Pallavi.A ,Kusuma Neela.B, *Juni khyat* ,2021,11(1),843-853 (2021).
- Estimation of Auxins by *Azospirillum Brasilense* and Phylogenetic Relationship between *Azospirillum Brasilense* and *Bradyrhizobium japonicum* in An International journal of Creative Research Thoughts/ ISSN: 2320-2882 with 7.97 impact factor by google scholar, Paper id: IJCRT2103043 (2021).

Workshops/Seminars/Conferences attended:

1. Participated in the One Day State Level Workshop on Indian (NIRF) Rankings -2023 for Autonomous & NAAC accredited degree colleges, organized by IQAC, Andhra Pradesh State Council of Higher Education on 21/11/2022.
2. Participated in the One Day State Level Workshop on Indian (NIRF) Rankings -2023 for Autonomous & NAAC accredited degree colleges, organized by QAC, Andhra Pradesh State Council of Higher Education on 21/11/2022.
3. Participated in the Two Day International Workshop on Bioinformatics organized by Department of life sciences ,SDMSMK,Vijayawada on 20-21 september 2022
4. Participated and Presented a Paper Titled A study on impact of National Educational Policy-2020 on Higher Education system and its challenges on UGC sponsored Two Day National Seminar on National Education Policy 2020: Perspectives and challenges on 22 &23 March,2022,organized by Department of Education, Acharaya Nagarjuna university, Guntur.
5. Presented a Paper on GREEN SYNTHESIS OF SILVER NANOPARTICLES BY STEM EXTRACTS OF PERGULARIA DAEMIA AND INVESTIGATION OF ANTIBACTERIAL EFFECT AGAINST DIABETIC FOOT ULCERS in the Three Day National Seminar on “Recent Trends in Drug Discovery, Nano biotechnology and Food Fermentation Technology” conducted by the Departments of Microbiology, Biotechnology and Food technology, Andhra Loyola college on 4-12-2021 to 6-12-2021.

6. Presented a Paper on Hepatoprotective activity of Methanol extracts of Aerial parts of *Pergularia daemia* seminar on UGC sponsored National seminar on **Advances in Chemistry and its Allied Sciences- 2021 (ACAS-2021)** on 17th - 18th, March- 2021, at the Department of Chemistry, Acharya Nagarjuna University, Guntur.
7. Presented a paper on international conference “Estimation of Auxins by Azospirillum brasilense and Phylogenetic relationship between Azospirillum brasilense and Bradyrhizobium japonicum” at Sree Velagapudi Ramakrishna Memorial college, Nagaram in collaboration with SSRG- chenniah on 26-10-18 & 27-10-18
8. Given Demo on Assembly and Usage of Paper microscope- Foldscope in PVP Siddhartha Engineering College, Kanuru, on 28/8/18 organized by Siddhartha Academy of General and Technical Education, Vijayawada, on 28/8/18
9. Presented a Paper on Role of Plant Genetic resources in sustainable agriculture in one day National Seminar on “Conservation and Sustainable utility of Phyto- Resources” organized by dept. of Botany and international institute of Information technology, Hyderabad, held at Maris Stella college, Vijayawada, on 17, August, 2018
10. Presented a Paper on Cancer Biology in “Ciencia 2016” Organized by P.B. Siddhartha College, Vijayawada On 22/1/2016.
11. Presented a Poster in Workshop “Current Research Trends in Pharmacology And Drug Discover” organized by Vijaya institute of Pharmaceutical sciences for women(SRK Foundation) in Association with Indian Pharma logical society, Vijayawada. On 29&30 January, 2016.
12. Acted as external judge for the seminar in CHEM COGNIZANCE, organized by Department of Chemistry, Andhra Loyola College, Vijayawada on 14/2/17 & 15/2/17.
13. Acted as resource person for a Seminar on ” Bioinformatics” on 6/8/2016 in SRR & CVR Govt degree college, vijayawada
14. Presented a Paper on CHANGES IN LEVELS OF LACTATE DEHYDROGENASE AND SUPER OXIDE DISMUTASE IN ABDOMINAL MUSCLE AND LIVER OF REPEATEDLY “IDS” TREATED MALE MICE DURING INDUCED HEPATITIS B. in Panigrahi Government college for women Hanumakonda, RR dist.on sep 19 & 20th 2014.
15. Published article on Thyroid diseases and heart attacks in college magazine
16. Presented a Paper on Endocrinology on behalf of the staff club , S.D.M.S.M. kalasala, Vijayawada.
17. Participated in Academic Job Training Programmes, Organized by S.D.M.S.M. Kalasala.

Papers Presentation:

- Participated and Presented a Paper Titled ***A study on impact of National Educational Policy-2020 on Higher Education system and its challenges*** on UGC sponsored Two Day National Seminar on National Education Policy 2020: Perspectives and challenges on 22 & 23 March, 2022, organized by Department of Education, Acharya Nagarjuna university, Guntur.
- Presented a Paper on ***GREEN SYNTHESIS OF SILVER NANOPARTICLES BY STEM EXTRACTS OF PERGULARIA DAEMIA AND INVESTIGATION ANTIBACTERIAL EFFECT AGAINST DIABETIC FOOT ULCERS*** in the Three Day National Seminar on “Recent Trends in Drug Discovery, Nano biotechnology and Food Fermentation Technology” conducted by the Departments of Microbiology, Biotechnology and Food technology, Andhra Loyola college on 4-12-2021 to 6-12-2021.

- Presented a paper on *Hepatoprotective activity of methanol extract of aerial parts of pergularadaemia* on UGC sponsored national seminar on advances in chemistry and its allied sciences – 2021 (ACAS-2021) on 17th-18th, march-2021, at the Department of chemistry, Acharya Nagarjuna University, Guntur.

Committee Convenor:

- BOS Chair person of Department of Biochemistry, SDMSMK.
- Calender and Hand Book
- First Aid and Health Watch Club
- Community service project, SDMSMK

Committee Member:

- Member of Research Committee
- Member of BOS – SCIENCE, SAGATE, Vijayawada
- Member of BOS- Montissorie Mahila kalasala,
- Member of BOS- SRR and CVR Govt., Degree college, Vijayawada
- Member for Attendance committee
- Member of Time Table committee
- Member of Garden committee
- Member of Canteen committee
- Member of IQAC, SDMSMK
- External Semester End Paper setter to Pithapur Raja Government college, Kakinada, Maris Stella, Andhra Loyola college, Vijayawada.

Participations and Presentations:

IPR-4

National & International Webinars- 46

Faculty Development Programmes- 14

Quizzes- 23

Workshops- 03

Online Courses- 3

National Conference-1

1. Acted as Judge for the competition Paint me funky in state level Technical event Techsparks-2K22 on 1-12-2022
2. Acted as judge for Fancy dress competition organized by Nextgen school Vijayawada in the month of November.
3. Acted as a Judge for District Level Competitions held by A.P state Government in the month of November on the eve of Aazadhi ka Amruth Mahosthav.
4. Acted as a member for BOS for Research in Science, organized by Siddhartha Academy of General and Technical Education, Vijayawada at Siddhartha Dental college, Chinnaautupally, Gannavaram.
5. Acted as Spot valuation for final year Bioinformatics Papers for Maris stella college on 21-11-2022
6. Acted a Member of BOS for Research in Science, organized by Siddhartha Academy of General and Technical Education, Vijayawada at PVP Siddhartha Engineering College, Kanuru, on 28/8/18
7. Attended National Workshop on “Regulatory Mechanisms, Transgenic Technology and Applications in Plants” 2018 jointly organized by Dept. of Botany and Indian institute of Science Education and Research, Tirupathi at Acharya Nagarjuna university, Guntur on 2 and 3 August, 2018.
8. Life Sciences Association Organized One Day National Faculty Training Workshop on FOLDSCOPE- Assembly & Usage on 31/7/18 by Dr. Ch. Tulasi Mastannamma , Incharge, Dept. of Zoology, GCW(A) & Dr. S.T.V. Raghavamma, Associate Professor, Chalapathi Institute of Pharmaceutical Sciences, Guntur.
9. Attended an Orientation Workshop on “FOLDSCOPE “ Government College for Women, Guntur on 13/7/18.
10. Acted as subject expert for BOS in Montissorie Mahila Kalasala, Vijayawada on 6/7/18.
11. Acted as member for BOS for the Department of Biotechnology, Montissorie Mahila Kalasala, Vijayawada on 7-7-2017.
12. Attended a Workshop on “ Techniques in Molecular biology & Immunology” a Two day workshop organized by Dept. of Biochemistry, Biotechnology and Microbiology, GCWW(A), Guntur in collaboration with HIMEDIA during 20/1/17 & 21/1/17.
13. Attend a Two day WorkShop on Faculty development Programme in SDMS. Siddhartha mahila kalasala, Vijayawada on 4/11/2016 & 5/11/2016
14. Acted as External practical examiner for Degree students on SRR & CVR Govt, Degree college and Dr.Zakir Hussain College of Arts and Science, Ibrahimpatnam. on 7/11/16, 30/12/16 and 9/11/16, 6/12/16.
15. Participated in Two Day National Seminar on Solid Waste Management on & SRR & CVR Govt Degree & PG College, Vijayawada. on 16/9/2016 & 17/9/2016
16. Participated in one day state level seminar on “Molecular and Biochemical insights in Aqua culture “ conducted by department of Biochemistry & Zoology, SRR & CVR Govt Degree College, vijayawada On 19/7/2016.
17. Participated in a UGC funded One Day State Level seminar on “ Emerging Trends in Life Sciences” conducted by department of Botany and Microbiology, SRR & CVR Govt. Degree College, vijayawada on 22/6/2016

18. Feliestated as a **Best Teacher** by Ln. Chigurupati Vara Prasad, MLC,Lions International Director, Lions Club, Vijayawada on the eve of Teachers Day..
19. Participated in Two Day Faculty Development Programme conducted by Internal Quality Assurance cell in Siddharatha Mahila Kalasala, Vijayawada
20. Participated in a Workshop and Completed a Mini Project in **Bioinformatics** Conducted by Kusuma Informatics, Visakapatnam.
21. Participated in a UGC funded One Day State Level seminar on “ Emerging Trends in Life Sciences” conducted by department of Botany and Microbiology, SRR & CVR Govt. Degree College, vijayawada on 22/6/2016
22. Participated in a National Seminar on **Role Of Biochemistry and Medicine in Promoting Human Welfare** in Montessori Mahila Kalasala, Vijayawada.
23. Participated in an Orientation Programme in **Aqua Culture and Fischeries** organized by State Institute of Fisheries Technology, Kakinada.
24. Participated in **CISTRON** A Fundamental Research Training Programme (Molecular Biology and Genetic Engineering) Conducted by PG Department of Biotechnology, Andhra Loyola College, Vijayawada.
25. Participated in GENEX 2005, state level seminar conducted by ANDHRA LOYOLA COLLEGE, Vijayawada and presented a paper on **Protein Synthesis and awarded second prize.**
26. Participated in **CISTRON** A Fundamental Research Training Programme (Molecular Biology and Genetic Engineering) Conducted by PG Department of Biotechnology, Andhra Loyola College, Vijayawada.