

1. Name of the Faculty : Ms. Sowmiya.A
2. Qualification : M. P h a r m
3. Faculty ID : P0112
4. Designation : Assistant Professor
5. Department : Pharmaceutical Chemistry
6. Date of joining : 03.07.2024
7. Official E-Mail ID : sowmiya.a@kcp.edu.in



Work Experience:

S. No.	Professional	Subject	Institutions	University	Month & Year
1.	Assistant Professor	<ul style="list-style-type: none"> ✓ Medicinal Chemistry (Pharm D) ✓ Pharmaceutical Organic Chemistry-III (B. Pharm) ✓ Pharmaceutical Inorganic Chemistry (Pharm D) 	PGP College of Pharmaceutical Science & Research Institute	The Tamilnadu Dr. M.G.R Medical University	1 Year

Educational Details:

S.N o.	Degree	Subject	College/School	University	Month & Year of Passing
1.	B. Pharm	Pharmacy	JSS College of Pharmacy, Ooty.	JSS Academy of Higher Education & Research, Mysore.	2021
2.	M.Pharm	Pharmaceutical Chemistry	JSS College of Pharmacy, Ooty.	JSS Academy of Higher Education & Research, Mysore.	2023
3.	Pg Diploma	pharmacovigilance	JSS Academy of Higher Education & Research, Mysore.	JSS Academy of Higher Education & Research, Mysore.	2023

8. Teaching Experience (in years) : 1.9 years

9. Industrial Experience (in years) : Nil

10. No. of Publications : 07

11. No. of Papers Presented in Conferences : 03

12. No. of Conference/Seminars attended : 08

13. No. of Research Grants / Projects received : Nil

14. Patents : 01

15. No. of Consultancy services offered : Nil

No. of Publications

1. *1 Mini- Reviews in Medicinal Chemistry- "Targeting STAT3 enzyme for cancer treatment"; Ref no: BMS-MRMC-2023-81.*
2. *Current Bioactive Compounds- "Anticancer activity of novel 1,3,4- oxadiazole derivatives against PARP-1 inhibitors"; Ref no: BMS-CBC-2023-37.*
3. *Current Topics in Medicinal Chemistry – "A recent progress in biological activities of 1,3,4-thiadiazole and its derivatives: A Review"; Refno: BMS-CTMC-2024-229*
4. *International Journal for Multidisciplinary Research – "Harnessing Insilico Techniques for Breakthroughs in Breast Cancer Drug Discovery" Ref No: 23676*
5. *International Journal for Multidisciplinary Research – "Understanding Transdermal Patches: A Comprehensive Overview" Ref No: 23988*
6. *Indian Journal of Heterocyclic Chemistry - "Alternative turbo synthetic methods used in the synthesis of Azetidone-based sulfanilamide derivatives and their pharmacological activities" DOI: 10.59467/IJHC.2024.34.521*
7. *International Journal of All Research Education & Scientific Methods – "Revolutionizing Protein Structure Prediction: Advanced Computational Methods in Homology Modelling" Ref- Volume 13, Issue2, Feb2025*

No. of Papers Presented in Conferences

1. *AIMST International E- conference- "An in silico immunostimulation based peptide vaccine design against the hantaan virus"-9th, 10th & 11th April 2021*
2. *International Conference on Professional Development and Advanced Training in Artificial Intelligence driven drug design, discovery and development- "Synthesis, characterization, and biological evaluation of carrier linked prodrug of zaltoprofen with glucosamine"- 14th & 15th Oct 2022*
3. *International Conference on Research Innovations & Challenges (ICRIC)- "Design, synthesis of novel potent Poly (ADP-Ribose) Polymerase -1 inhibitors based on acetamide scaffold's"- 19th, 20th, 21st Jan 2023*

No. of Conference/Seminars attended

1. *1 International E- conference on Health Science organized by ALNOOR- AIMST- 9th, 10th & 11th April 2021*
2. *Virtual Seminar on Artificial Intelligence and Machine Learning Approaches for Structure and Ligand based Drug Design organized by Dept of Pharmaceutical Chemistry, JSS College Of Pharmacy, Ooty on 12th March 2022*
3. *International Conference on Professional Development and Advanced Training in Artificial Intelligence driven drug design, discovery and development organized by JSS Academy of Higher Education & Research, Mysuru & Operant Pharmacy Federation – 14th & 15th Oct 2022*
4. *Webinar on DBT Sponsored Popular Lecture Series in Biotechnology on Applications of Proteomics in the Biomedical Drug Discovery organized by Dept of Pharmacology, JSS College of Pharmacy, Ooty – 4th Nov 2022*
5. *International Conference on Research Innovations & Challenges (ICRIC) organized by Centre for Research & Training (CRT) National Foundation for Entrepreneurship Development (NFED) – 19th, 20th, 21st Jan 2023*
6. *National Seminar on Innovative Breakthrough in Pharmacare -Nurturing the future Pharmacists organized by the Dept of Pharmacology and Pharmacy Practice Vivekanandha, sankagiri- 10th & 11th Aug 2023*
7. *Webinar on International Pharmacist Licensure Exams- Training and Career Opportunities conducted by CliMed Research Solutions, India & RxEdu on 17th Jan 2024*
8. *National Level Conference on Bridging Pharma Research and Intellectual Property Pioneering Healthcare Innovations organized by The Erode College of Pharmacy – 15th, 16th & 17th Feb 2024*

No. of Patents

1. *Preparation And Characterization of Solid Lipid Nanoparticles for The Effective Treatment of Breast Cancer*