



SOWMIYA A

M. PHARM., PGDPV.,
(PHARMACEUTICAL CHEMISTRY)

PROFILE

Passionate pharmaceutical educator with expertise in curriculum development and teaching methodologies. Skilled in translating complex scientific concepts into engaging lessons tailored to diverse learning styles. Committed to fostering a supportive and inclusive learning environment, while providing mentorship to inspire student success. A collaborative team player dedicated to enhancing educational outcomes through innovative approaches.

CONTACT

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HOBBIES

Music
Travel

EDUCATION

Sri Shanthi Vijay Girl's Higher Secondary School, Ooty, The Nilgiris
SSLC
2016-2017
Scored 97.8 %

Sri Shanthi Vijay Girl's Higher Secondary School, Ooty, The Nilgiris
HSC
2018-2019
Scored 86.7 %

JSS College of Pharmacy, Ooty
B. Pharm.,
2017-2021
Scored – 8.24 CGPA

JSS College of Pharmacy, Ooty
M. Pharm., (Pharmaceutical Chemistry)
2021-2023
Scored – 9.4 CGPA

JSS College of Pharmacy, Ooty
PGDPV
2012-2023
Scored – 75 %

EXPERIENCE

**PGP COLLEGE OF PHARMACEUTICAL SCIENCE AND RESEARCH INSTIUTE,
NAMAKKAL (ASSISTANT PROFESSOR)**

JUN 2023 – CURRENT

I have been responsible for delivering lectures, leading discussions, and supervising laboratory sessions, while also developing course materials and assessments aligned with educational objectives. Additionally, I mentor students in research projects and career development, conduct research, publish findings, and present at conferences. Collaborating with colleagues on interdisciplinary projects, contributing to departmental activities and continuous improvement initiatives, and staying updated with advancements in pharmaceutical sciences are integral parts of my role. I am dedicated to fostering a positive and inclusive learning environment.

PERSONAL DETAILS

Father's Name : ARUN

Nationality : Indian

Date Of Birth: 19/03/1999

Marital Status : Single

Religion : Hindu

Address: 25, Kel Thalaiyattu
Mundu, Udhaigai, The Nilgris

Pincode: 643001

CONFERENCE ATTENDED AND PAPER PRESENTED

POSTER PRESENTATION

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

PUBLISHES

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. International journal for multidisciplinary research – "Harnessing insilico techniques for breakthrough in breast cancer treatment "; Ref no : 23676
4. Results in chemistry- "Identification of Poly (ADP -ribosylation)-1 Inhibitors through Molecular docking, MMGBSA and Molecular dynamics approach" – Communicated
5. Current Medicinal Chemistry - "An update on 1,3,4- oxadiazole - A brief review" - Communicated

CONFERENCE ATTENDED

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

SKILLS

Pharmaceutical Knowledge

- Possess a comprehensive understanding of pharmaceutical principles, encompassing the drug development lifecycle and regulatory compliance standards.
- Proficiency in teaching pharmacokinetics, pharmacodynamics, and drug interactions, ensuring students grasp fundamental concepts effectively.

Teaching Methodologies

- Familiarity with a range of pedagogical approaches, including lectures, discussions, case studies, and hands-on laboratory sessions, tailored to engage diverse learning styles.
- Experience integrating technology and multimedia resources to enhance instructional delivery and student engagement in the classroom.

Analytical Skills

- Demonstrate a strong aptitude for analyzing scientific literature, interpreting research data, and deriving meaningful insights, vital for guiding students through research projects and coursework.

Communication

- Showcase excellent written and verbal communication skills honed through academic presentations and research reports, facilitating clear and concise delivery of complex concepts to students.
- Ability to translate intricate scientific information into accessible content tailored to diverse learning styles, fostering student comprehension and engagement.

Student Mentorship

- Commitment to providing academic guidance and mentorship to students, supporting their intellectual and professional development through research projects, career counseling, and extracurricular activities.
- Experience fostering a supportive and inclusive learning environment, promoting student success and well-being inside and outside the classroom.

Team Collaboration

- Proven track record of working collaboratively within multidisciplinary teams, leveraging collective expertise to achieve shared educational objectives.
- Experience in coordinating with colleagues to develop and implement innovative teaching methodologies, enhancing student learning outcomes through collaborative initiatives.

Reference:1) DR.S.Manimaran, Principal PGPCOP&RI

Contact 8940925235

2) Dr. Gowamma Byran Associate Professor, Jss College
of Pharmacy, Ooty- 9442111172

Declaration

I hereby declare that all the information mentioned above
is true to my knowledge.

DATE : 03/07/2024

PLACE: Coimbatore

Signature

