

SWETHA POLAGANI

Vijayawada, Andhra Pradesh - India

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Personal Details:

Gender: Female

Nationality: Indian

Date of Birth: 11th Apr 1987



Seeking a position in Education / Research industry to enhance skills and provide students with a stimulating and knowledge-enriching experience

CAREER SUMMARY

- Student-focused and dedicated professional with more than **10 years** of experience in Teaching Industry,
- Expertise in teaching subjects including Pharmacology, Clinical Pharmacology, Advanced Pharmacology, Drug Regulatory Affairs, Human Anatomy and Biochemistry.
- Distinguished as a skilled professional in delivering lectures and publishing articles in National and International publications
- Extensive experience in working of all laboratory equipments, developing research and evaluation protocols (standard operating procedures, data collection tools and protocols, etc.)
- Adroit at preparing and developing research documents and materials for grant proposals, literature reviews, conference materials, manuscripts and reports
- Well versed in administration, class organization and classroom management including discipline implementation
- Profound accomplishments in counseling students, designing and scheduling lesson plans, assignments and mentoring students to achieve their individual goals
- Good knowledge in understanding adhering to study protocol(s) and procedures
- Adept at developing an overall framework consisting of validation and revalidation of courses, student assessment and knowledge transfer
- Profound ability in conducting seminars and conferences for students
- Excellent interpersonal, oral and written communication skills

SKILL SET

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|---------------------------|------------------------------|----------------------------------|
| • Time Management | • Leadership Management | • Research & Development |
| • Student Motivation | • Molecular Pharmacology | • Project Management |
| • Research Management | • Advanced Pharmacology | • Effective Lesson Planning |
| • Classroom Supervision | • Drug Regulatory Affairs | • Teaching and Administration |
| • Learning & Development | • Study Material Preparation | • Multidisciplinary Lesson Plans |
| • Performance Assessments | • Course Assessment | • Creative Learning Environment |

EDUCATION

- Ph.D Awarded from Andra university, Department of Pharmacognosy and Phytochemistry (2023)
- Master of Pharmacy (M. Pharm) from Padmavathi College of Pharmacy & Research Institute, Dr. M.G.R Medical Health University, Tamil Nadu (2012)
- Bachelor of Pharmacy (B. Pharm) from Sri Venkateswara College of Pharmacy, Andhra University, AP(2008)

LANGUAGE SKILLS

- Proficient in English

CAREER CONTOUR

Designation	Employer	Duration
Assistant Professor	KVSR Siddhartha College Of Pharmaceutical Sciences, Vijayawada	Aug 2024-Till Date
Assistant Professor	Sri Vani School Of Pharmacy ,Vijayawada	Aug2018- Aug2024
Assistant Professor	Samskruthi college of pharmacy,HYD	Jan2017 - July 2018
Assistant Professor	Vikas Group of Institutions, Nunna	Feb 2014 -Jan2017
Assistant Professor	Montessori SivaSivani Institute of Science & Technology,	Feb 2012 - Jan 2014

KEY RESULT AREAS

- Handling and instructing the subjects like Pharmacology, Clinical Pharmacology, Advanced Pharmacology and Drug Regulatory Affairs
- Drafting course materials, including the syllabus and project assignments
- Handling various records of the students such as attendance and their mark sheets
- Administering the laboratory work of the students on a regular basis
- Providing appropriate advice to the students on their academic and career issues
- Assisting the undergraduate and graduate level students in research activities
- Providing administrative support for grant applications, presentations, publications, reports and other program based initiatives
- Maintaining filing system for research projects including grants, ethics, letters of support and other documents
- Assisting with overseeing the work of trainees and research assistants.

MEMBERSHIP

- . Member in “ **AMERICAN SOCIETY OF MASS SPECTROMETRY**” NewMexico, United States of America.

INTERNATIONAL CONFERENCES AND Workshops PARTICIPATED ABROAD

Participated in International workshop organized by **AMERICAN SOCIETY OF MASS SPECTROMETRY** (72 nd ASMS Conference), June 5, 2024 at Anaheim,CA, (USA).

Participated in International Conference organized by **AMERICAN SOCIETY OF MASS SPECTROMETRY** (72nd ASMS Conference), June 2- 6, 2024at Anaheim Convention Center,Anaheim ,CA, (USA).

INDIAN PATENT PUBLICATIONS:-

- . Boswellic acids for the treatment of rheumatoid arthritis, IN Patent Office Journal No.24/2023 dated 16/06/2023
- . Daclatasvir hydrochloride tablet formulation and preparation thereof, IN patent Number 51984, dated 4/8/2023.

INTERNATIONAL PATENT PUBLICATIONS:-

- . Tail Flick Analgesiometer For Animal Activity, Design Number: 6308752, Grant Date: 22 Nov 2023, Country: UK.
- . Paddle Over Disc Dissolution Apparatus For Drug Release study By Transdermal Patches, Design Number: 6308753, Grant Date: 22 Nov 2023, Country: UK.

PUBLICATIONS & PRESENTATIONS:-

- Accepted an article with title-The Past, Present and future of Microfluidics in Biomedical Research, as a part of conference proceedings in Future Journal of Pharmaceuticals and Health Sciences in 17th August 2024, with ISSN:2583-116x.
- Accepted an article with title-Formulation , optimization of Retapamulin Transferosomes for the treatment of Impetigo, Journal of Drug and Alcohol Research, with Ref Number:APJDAR-236206. Jan-2023
- Comparitative Evaluation of invitro anti-inflammatory activity of selected medicinal plants from Andhrapradesh,International journal of research in Pharmaceutical Sciences,13(4), 440-445,2022.
- Trichodesma Zeylanicum: A reservoir plant with their pharmacological effects, International Journal Of Research In Pharmaceutical Sciences,11(4): 4-2020.
- Efficacy and adverse effects of Gliclazide Metformin and comparison with Glipizide Metformin in the treatment type 2 diabetes patients, International Journal of Medicine and Pharmaceutical Research, 6(2),83-87,2018.
- Estimation of Levetiracetam in Human K₂EDTA Plasma in range from 0.253 mg/ml to 35.060 mg/ml by using LC-MS/MS, World Journal of Pharmacy and biotechnology,5(2),51-57,2018.
- Development and Validation of a sensitive Bioanalytical method for the quantitative estimation of Desvenlafaxine in human plasma samples by LC-MS/MS: Application to Bio Equivalence study. International journal of medicine and pharmaceutical research. 6(2),378-382-2018.
- Study of antihypertensive agents in rural areas by the community pharmacists, Indian Journal of Research in Pharmacy and Biotechnology, 5(1): 28-30 - 2017
- Simultaneous estimation and method validation of Terbutaline sulfate and Guaifenesin in liquid dosage form by RP-HPLC, Indian Journal of Research in Pharmacy and Biotechnology, 5(1):36-40 - 2017.
- RP-HPLC method development and validation for simultaneous estimation of Amlodipine besylate and Telmisartan in tablet dosage form Indian Journal of Research in Pharmacy and Biotechnology, 5(1):74 - 2017
- Anti Urolithiatic activity of melia azedarach linn leaf extract in ethylene glycol -induced urolithiasis in male albino rats. Tropical journal of Pharmaceutical research 13(3),391-397. 2014.
- A Systematic review of Desvenlafaxine's efficacy, safety, moa and adverse effects in the treatment of major depressive disorders. International journal of medicine and pharmaceutical research. 5(2),73-76-2017.
- Formulation and evaluation of Chitosan nanoparticles containing Zidovudine for the target delivery in to the brain, Indian Journal of Research in Pharmacy and Biotechnology, 5(2):134-139 - 2017
- Evaluation and comparison of efficacy and safety of Atorvastatin alone and in combination with fenofibrate in dyslipidemia, Indian Journal of Research in Pharmacy and Biotechnology, 5(2):140-144 - 2017.
- Efficacy, safety,moa, adverse effects of Bromocryptine for the treatment of major disorders: A systematic review of drug, International journal of medicine and pharmaceutical research,6(6)-215-218.2017.
- Stability indicating LC-MS/MS method for estimation Bromocryptine Mesylate in Human plasma: Application to a Bio equivalence Study, Asian journal of medical and pharmaceutical sciences, 6(2),94-97-2018.
- Published a Research article on Wound healing activity of thespesia macrophylla blume in international journal of advanced pharmaceutical genuine research, Manuscript Number - IJAPGR1303 - 2013.
- Levetiracetam as an Anti-seizure treatment for epileptic patients: a review, Asian Journal of Chemical and Pharmaceutical Research, 5(2), 82-86,2017.
- Efficacy and adverse effects of Gliclazide Metformin and comparison with Glipizide Metformin in the treatment type 2 diabetes patients, International Journal of Medicine and Pharmaceutical Research, 6(2),83-87,2018.
- Estimation of Levetiracetam in Human K₂EDTA Plasma in range from 0.253 mg/ml to 35.060 mg/ml by using LC-MS/MS, World Journal of Pharmacy and biotechnology,5(2),51-57,2018.

Presented a Research Paper on:

- Participated in International Conference organized by Delhi Pharmaceutical Sciences and Research University”
13th IASTAM ORATION AND AWARDS FUNCTION-2023 & INTERNATIONAL CONCLAVE” January 21-22, 2023. At Delhi
- **“A Validated RP - HPLC method for estimation of Telmisartan in tablet dosage forms with stress test stability of drug substance”** at National convention organized by Sri Siddhartha Pharmacy College, Nuzvidu - 24th Mar 2012
- **“Preparation & Characterization of Sustained Release PLGA - LOADED Micro particles containing Leuprolide acetate”** In IPGA Welfare Trust Sponsored National level seminar organized at Padmavathi college of pharmacy & Research Institute Tamil Nadu - 12th Jan 2012
- **SEMINARS**

Delivered a seminar on:

- A Validated RP-HPLC method for estimation of Olmesartan in tablet dosage forms with stress test stability of drug substance” at Sri Siddhartha Pharmacy College, Nuzvid
- “A Validated RP-HPLC method for estimation of Valsartan in tablet dosage forms with stress test stability of drug substance” at Chebrolu Hanumaiah institute of Pharmaceutical sciences, Guntur
- “Transdermal Patches” at K.V.S.R. Siddhartha College of Pharmaceutical Sciences, Vijayawada

CONFERENCES / SEMINARS & WORKSHOP

Conference / Seminars Attended:

- **67th Indian pharmaceutical congress, IPC-2015** held at Mysore - 19th - 21th Dec 2015
- **IPA Sponsored National Seminar Innovation in Pharmaceutical Sciences, Organized by:** MAM College of Pharmacy, Narasaraopeta - 7th & 8th Nov 2015
- **“Recent trends in Experimental Pharmacology”, Organized by:** The department of Pharmacology at K.V.S.R. Siddhartha College of Pharmaceutical Sciences, Vijayawada - 11th & 12th Sep 2015
- National Seminar on **Exploring Innovative Practice in Pharmaceutical Education & Research, Organized by:** Jayamukhi College Of Pharmacy, Narasampet - 13th Aug 2015
- **Two-day National Seminar on “Applications of Green Chemistry in sustainable development “** held at K.V.S.R. Siddhartha College of Pharmaceutical Sciences, Vijayawada - 29th & 30th July 2015
- National Seminar On **Pragmatic View on Pharmacovigilance & Therapeutic Outcome, Organized by:** RIPER, Anathapuram - 5th May 2015
- **Indo African Conference on “Global Trends & Ongoing Developments in Pharmaceutical Sciences”,** Organized by: Chebrolu Hanumaiah Institute of Pharmaceutical Sciences and Association of Pharmacy Professionals, Bhopal - 14th Feb 2015
- National Seminar on **Innovation & Pharmacy Research, Organized by:** Pullareddy College of Pharmacy, Hyderabad - on 6th Feb 2015
- **66th Indian pharmaceutical congress, IPC-2015** from held at Hitex, Hyderabad - 23rd - 25th Jan 2015

Workshops Attended:

- National Workshop on **PHARMACOVIGILANCE, Organized by:** Chalapathi Institute of Pharmaceutical Sciences, **Chief Speaker:** Dr. V. Kalaiselvan; **Principal Scientific Officer-** (Indian Pharmacopoeia Commission) - 23rd Apr 2016
- National Level workshop on **Current Research Trends in Pharmacology & Drug Discovery, Organized by:** Vijaya Institute of Pharmaceutical Sciences for Women, Vijayawada. Associated with: Indian Pharmacological Society; **Chief Guest:** Dr. B. Dinesh Kumar; **President** (Indian Pharmacological society) - 29th & 30th Jan 2016
- National Workshop on **Trispiring Novelty & Hi-tech Handling in Advance Pharmaceutical Sciences, Organized by:** Theegala Krishna Reddy College of Pharmacy, Hyderabad - 29th & 30th Dec 2015.

Workshops/seminars Conducted:

National Seminar Report on "Recent Advances in Drug Discovery, Research and Clinical Trials"

Date of Event: 17th August 2024

Organized by: Department of Pharmacognosy, KVSr Siddhartha College of Pharmaceutical Sciences

Location: KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada.

Swetha Polagani,

Vijayawada,

18-Nov-2024.