



Mrs. Swati Sharma

H.O.D. and IQAC In-Charge

Department of Pharmaceutical Chemistry

Abhilashi College of Pharmacy

Academic Qualification: M.Pharmacy (Pursuing Phd)

Area of Specialization: Pharmaceutical Chemistry

Area of Research: Synthetic Medicinal Derivatives

Experience: 12 years (ongoing) of teaching experience

M.Pharmacy, Research Project: The Synthesis and Characterization of Novel Schiff bases of imides moiety as potent Analgesic and Anti-inflammatory agents.

Additional Professional Activities:

- Worked as an Evaluator for Himachal Pradesh Technical University for evaluation of answer books of UG level 2022,2023,2024,2025.
- Worked as a Deputy Superintendent for the Himachal Pradesh Technical University, Hamirpur, and H.P 2025.
- Worked as organizing and scientific committee member of one day national conference.
- Member of organizing committee in one day workshop organized by HPTU and IPC in September 2023.
- Co-Ordinator, Internal Quality Assurance Cell, Abhilashi College of Pharmacy.

Publications:

- Artificial Intelligence in Pharmacy: Revolutionizing Healthcare and Drug Development in International Journal of Research and Scientific Innovation (IJRSI) April 2025.
- Research article Optimization of Amla Seed Oil Extraction: A Solvent-Based Comparative Study. JETIR April 2025.
- Review on Current trends and regulatory perspective for validation and development of Pharmaceuticals using various analytical techniques: Reviewing decade of research in International JETIR January 2025.
- A Comprehensive Overview of Recent Improvements in Gold Nanoparticles (Aunps): Properties, Shapes, Methods, and Characterization. IJCRT Dec. 2024.
- Survey, Awareness and Health Benefits of Nutraceuticals in the Balh region of Nerchowk, Mandi H.P 2024 IJRTI | Volume 9, Issue 5 | ISSN: 2456-3315.
- Exploring Nature's Pharmacy: A Comprehensive Review of Natural Products as Potential Sources of Therapeutic Agents May 25, 2024. MAT Journals.

- Epidemiology and introduction of lumpy skin disease.
- Review On Origin ,Genomic Structure And Replication Of CoronaVirusAndCovid-19
- Benzimidazole: A Review on Its Synthesis, Properties and various Biological Activities.
- Acetylation of Histone And Modification Of Genes Expression Via HDAC Inhibition Affects The Obesity.
- Research on Synthesis, Characterization and Pharmacological Evaluation of Novel Schiff Bases of Imide Moiety in the Journal of Medical Science.
- A REVIEW: Synthesis and biological activity of Imides.

Presentation/ Conference/ Workshop attended

- Poster presented on Artificial Intelligence in Pharmaceutical and Life Sciences: Revolutionizing healthcare and drug development at Minerva College of Pharmacy Indora, Kangara H.P.
- Conference attended on Opportunities and Challenges of Digital Technology in Healthcare Sector organized by Dreamz College of Pharmacy on 9th Nov 2024.
- Workshop attended at Abhilashi College of Pharmacy on strengthening a bridge between Education and Present industrial Demand held on 16th March 2024.
- Conference attended on Recent Advancement in Pharmaceutical Research and Development at Himachal Institute of Pharmaceutical Education and Research on 30th Jan 2024.
- Poster presented in One Day National Conference on Challenges to Face Strengthening of Health Care in Developing Countries at Dreamz College of Pharmacy on 4th Nov. 2023.
- Conference attended of Current trends on Pharmacoeconomics and Advanced Drug Delivery Systems. On 16th Sep. 2023 at Minerva College of Pharmacy Indora, Kangara H.P.
- Member of LOC in One day National Conference on Recent Challenges in Dosage form Design and Pharmaceuticals held on 3rd May 2023.
- Conference attended on International Drug Discovery, Development and Lead Optimization at Baddi University on June 2022.
- Guest Lecture attended at Abhilashi College of Pharmacy, Nerchowk, Mandi, on 29 October 2022, on "Indian Perspective in Preclinical Ethical Consideratons by Dr. Tapan Behl.
- Conference attended "Women Empowerment and Gender Equality in Digital India" on 2017 at Swami Devi Dayal College of Pharmacy, Haryana.
- Poster presented on "To study the synthesis of thiazole derivatives and their biological studies" on 4thMay 2012.
- Poster presented on International Conference "To synthesize schiff base derivatives of imides and to study their biological activities" on 21-23 March, 2012.
- Poster presented on "Study on various biological activities of Schiff bases" at "Future trends in the upcoming pharma sector" on 18 March, 2012.
- Poster presentation on "Study of Synthesis of Imides and its various properties "at National Conference on Drug Innovation: Emerging Trends and Challenges on 10-11 Feb.2012.
- Conference attended of "Pharma-HealthCareQualityConcept"on 4thApril, 2009.

Faculty Development Programme:

- Webinar attended on Targated nanoconstructs for the treatment of autoimmune disease organized by SPER 2025.
- FDP attended on Innovative and Effective teaching and Research skill in pharmacy.
- FDP attended on Current trends and futuristics challenges in pharmaceutical and healthcare sector.
- FDP attended on An Exploration with statisycal technique & Research Methodology 09-11 Jan, 2023 National. Abhilashi University.
- International webinar on corona virus disease 2019 pandemic updates and Q&A session.

- Participated in two days national webinar on Leveraging Digital Initiatives of NMEICT, MHRD and Online Examination during Covid 19.
- Participated in National webinar on Challenges and Opportunities of Online Education in Pharmaceutical Sciences.
- Participated in two days international webinar on International Pharma Webinar on Skills and career Opportunities for Pharmacist A global Perspective.

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