

Mrs. Ritu

M.Pharmacy

Assistant Professor

Pharmaceutics

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Area of Interest

- Pharmaceutical Nanotechnology
- Topical Drug Delivery
- Herbal Formulations

Projects

- Project on “Development and optimization of Nanotherapeutic application for diabetic wound healing”.
- Dissertation work on “Formulation and evaluation of herbal emulgel for *In- Vitro* study for surgical and burn wound healing”.

Achievements

- Publish a review article on "Emulgel:An Effective Drug Delivery System" in the Research Journal of Pharmacy and Technology
- Publish a review article on "FloatingMicroballons An Innovative Approach" in the Research Journal of Pharmacy and Technology
- Publish a review article on "Mucoadhesive Microspheres: An Innovative approach to Enhance gastro-retention" in the Research Journal of Pharmacy and Technology

Certifications

- Two-day International Poster Presentation under the age of Association of Pharmaceutical Teachers of India (central branch) on "Research Ethics, Clinical Therapeutics and Phytopharmaceutical Drug Research: (RECTPD - 2024)" in MMDU
- One day International Poster presentation on “Modern approaches of research in basic and applied sciences (MARBAS - 2021)” in Haridwar
- One-day international conference “Combatting Malaria: New horizon of vaccines and drug discovery by young pharmaceutical sciences”
- One-day international conference on “FIP CPS Champion for Change 2021: How can pharmacists better help patients with mental health problems?”
- One-day international conference "In Vitro In Vivo (IVIV) Correlations: Establishing a correlation between in vitro tests and in vivo product performance"

Faculty Development Programme (FDP's)

- Participate in 7- Days FDP on “Empowering Faculty Through Enhancing Teaching

Skills in Pharmaceutical Education” organized by ISF College of Pharmacy, Moga, Punjab in Collaboration with IKGPTU, Jalandhar, 02-01-2025 to 08-01-2025.

- Participate in 2- Days online FDP on “Pharmacy school management for the shifts towards remote learning & virtual education for pharmaceutical education” which is organized in Australia, 12-02-2023 to 13-02-2023