

REKHA PAL

Assistant Professor

Contact

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Fatehpur Tanda, Doiwala,
Dehradun -248140, Uttarakhand

Technical Skills

Instrument

- UV Vis Spectrophotometer
- Dissolution Apparatus
- Friability Test Apparatus
- Disintegration Apparatus

Computer Skills

- MS Word, MS Excel, MS PowerPoint

Educational Background

- School of Pharmaceutical Sciences, SGRRU (Dehradun)
  Masters in Pharmaceutics 2021
  8.2/10 (CGPA)

- Ramanand Institute of Pharmacy & Management, UTU (Dehradun)
  Bachelor of Pharmacy 2019
  67%

- G.I.C. Majrigrant, Uttarakhand Board of School Education
  Intermediate 2015
  58%

- G.I.C. Majrigrant, Uttarakhand Board of School Education
  High School 2013
  65%

Teaching Experience

- Organization: Motherhood University, Roorkee
- Designation: Assistant Professor
- Duration: 28/12/2021 to present Date

M. Pharm Thesis (2021)

Formulation and evaluation of controlled release Aceclofenac microspheres by cross linking technique using central composite design.
Guide: G.Gananarajan, Professor (SGRRU)

Project Description: developed controlled release microspheres to enhance the solubility of Aceclofenac using central composite design in two variables, X1= gelatin (controlled release polymer) and X2= gluteraldehyde (cross linking agent). And checked the responses (R1= In vitro Drug release, R2= Percentage yield, R3= Drug Entrapment efficiency, R4= swelling Index) on the basis of the two variables.

Research Publications

- Seema Tomar, Rekha Pal (2024) **Novel PVC membrane selective Electrode for the Determination of Clozapine in Pharmaceutical preparations** IJARESM, ISSN NO. 2455-6211,
- G. Venkateshwarlu, Navneeth Kumar, Mukesh Chandra Sharma, K. Pavankumar, Rekha pal, Taniya Rawat, E Rajeshwari **Wound Healing Activity of Indian Medicinal Plants.** https://doi.org/10.37896/HTL28.02/5200
- K.Pavankumar, G.Venkateshwarlu, Mukesh Chandra Sharma, Govind pal, Rekha pal, Taniya Rawat **in Vitro Anthelmintic Activity of Alcoholic and Methanolic Extract of Seeds of Panicum Miliaceum in Indian Adult Earthworm**. HTL Journal, Volume 28, Issue 1, Jauary-2022
- Rekha pal and G. Gananarajan (2021) **Raft Forming Gastro Retentive Drug Delivery System- A novel Approach**. https//doi.org/10.20959/wjpps20218-19519
- Rekha pal and G. Gananarajan (2021) **Microspheres as Controlled Drug Delivery System: An updated Review** https://doi.org/10.5281/zenodo.552843
- Rekha pal and G. Gananarajan (2021) **Formulation and Evaluation of Aceclofenac loaded microspheres by Cross linking Technique using Central Composite Design.** http://doi.one/10.1729/Journal.28412

Conferences/Workshops/FDP

- Attended one days International conference on "NEW HORIZONS IN PHARMACEUTICAL, BIOMEDICAL & BIOSCIENCES" & give abstract for souvenir on the topic of Formulation Evaluation & Characterization of Sustain Release Pellets at Motherhood University, Roorkee, 2024.
- Attended one week workshop on "Current Trends of Teaching & Research in Science & Technology" at Motherhood University Roorkee, Feb, 2024.
- Attended two days International conference on "Ethical code for interdisciplinary & yogic diagnosis" & presented abstract on the topic of yogic perspective for immunity development, at Motherhood University, Roorkee, 2023.
- Attended one days International conference on "NEW HORIZONS IN PHARMACEUTICAL, BIOMEDICAL & BIOSCIENCES" & give abstract for souvenir on the topic of Formulation & Evaluation of Itraconazole Liposome using central composite Design.at Motherhood University, Roorkee, 2023.
- Attended online session on "Achieving Problem- Solution Fit & Product –Market Fit at Motherhood University, Roorkee, 2023.
- Attended workshop on "Bloom's Taxonomy & the Lesson Plan Design" at Motherhood University, Roorkee, 2022.
- Attended national workshop on "TECHNIQUES OF SOLID WASTE MANAGEMENT WITH REFERENCE OF SWACHH BHARAT ABHIYAN" at Motherhood University, Roorkee, 2022.
- Participated in cultural program at Ramanand institute of pharmacy and management, Haridwar, 2019.
- Poster presentation in a seminar on the topic "APPLICATION OF GREEN CHEMISTRY IN PHARMACEUTICAL SCIENCE" at DBG Institute of Pharmacy & Research, Dehradun, 2018.

Achievement/ organizer

- Organizing committee member (Registration) of the International conference on "NEW HORIZONS IN PHARMACEUTICAL, BIOMEDICAL & BIOSCIENCES" at Motherhood University, Roorkee, 2024.
- Organizing committee member (Registration) of the International conference on "NEW HORIZONS IN PHARMACEUTICAL, BIOMEDICAL & BIOSCIENCES" at Motherhood University, Roorkee, 2023
- Organizing committee member of health awareness program on the occasion of world health day at Kishanpur Primary Health Center Roorkee, April 2023.
- Achieved RAJYA PURASKAR (2015) as a guide in Bharat Scouts & Guides.

Industrial Training

- Organization: Psychotropic India Limited, Haridwar
- Training Area: Production, Quality Control Department
- Duration: 47 days (18/06/2018- 3/08/2018)

Extra-curricular Activities

- Participated in cultural program at Ramanand institute of pharmacy and management, Haridwar, 2019
- Poster presentation in a seminar on the topic "APPLICATION OF GREEN CHEMISTRY IN PHARMACEUTICAL SCIENCE" at DBG Institute of Pharmacy & Research, Dehradun, 2018
- Achieved RAJYA PURASKAR (2015) as a guide in Bharat Scouts & Guides.

Academic experience

- Member of Board of Faculty.
- Class Coordinator.
- Member of Cultural Committee.
- MOOC co-ordinator.
- Time Table incharge.
- Member in the overall University Examination Committee.
- Member of Examination Committee. Member of secretary in Departmental examination Committee.

Skills

- Calm, Positive attitude
- Dedicated, Hardworking
- Good communications skills,
- Good listener
- Versatile thinker

Declaration

I hereby declare that all the information given is true to my best knowledge.

(Rekha Pal)