



Laureate Institute of Pharmacy

(Approved by PCI & AICTE, New Delhi and H.P. Govt.)

Affiliated to H.P. University, Shimla & H.P. Technical University, Hamirpur

Kathog, Tehsil Jwalamukhi Distt. Kangra H.P.-176031

Ref. No.

Date

Research Projects Going on in Research Centre:

- A target specific oral Herbo-nanoparticulate system of Doxorubicin: A Metronomic Chemotherapy of Cancer (**Project Funded by AICTE for Rs 17.00 Lakh , Principal Investigators: Dr. Vinay Pandit & Dr. M S Ashwat**)
- Advancing treatment of tuberculosis using phytogenic bimetallic Au-Ag nanocarriers: preclinical studies
- Design, Synthesis and Pharmacological Evaluation of 2,5-Disubstituted -1,3,4- Thiadiazole Derivatives as Potential Candidates for Treatment of Alzheimer's Disease
- Pharmacological Evaluation of Biologically Synthesized Silver Nanoparticles of *Atropa acuminata* : A Mechanistic Investigation
- Development, characterization and Evaluation of phytosomes containing *Carica papaya* leaf extract for Antithrombocytopenic and anticancer Activity
- Development and Characterization of Trojan Particulate System for Treatment of Lung Cancer : A Novel Approach
- Preparation and Evaluation of Topical Polyherbal Formulation for the Management of Rheumatoid Arthritis

Research Projects Under Taken by PG Students

- Formulation and evaluation of Transferosomes for dermatological delivery
- Formulation and Evaluation of Fast dissolving tablet of linezolid for treatment of pneumonia
- Formulation and characterization of Nanocarrier Hydrogel of Methotrexate for the management of psoriasis Formulation and evaluation of herbal ethosomal hydrogel for the management of psoriasis
- Formulation and Evaluation of Topical Gels Containing Loaded Ufasomes for the treatment of Psoriasis. Formulation and Evaluation of Niosomal loaded Transdermal patches.

- Formulation and Evaluation of liposomal hydrogel of berberine for the management of psoriasis.
- Formulation and evaluation of cream containing solid lipid nanoparticles for the treatment of Herpes simple virus Formulation and evaluation of immediate release fast dissolving Sublingual tablet containing Vildagliptin Formulation and evaluation of topical cream containing drug loaded ufasomes for the treatment of herpes Formulation and Evaluation of Ethosomes of Silymarin for Dermal Delivery
- Formulation and Evaluation of Gastroretentive Microspheres for the treatment of Stomach Cancer
- Formulation and Characterization of Hydrogel Loaded Silver nanoparticles of Ibuprofen for the Effective Management of Rheumatoid Arthritis
- Stability indicating method development and validation for simultaneous estimation of Sitagliptin phosphate monohydrate and N-acetyl cystein in bulk drug by using UV-visible spectrophotometer and RP-HPLC.
- Phytochemical Screening and Chromatographic Profiling of the different extracts of Cuscuta reflexa
- Method development and validation of levocetirizine by using uv -visible spectrophotometer and RP-HPLC.
- Method development and validation for simultaneous estimation of azilsartan medoxomil and pravastatin sodium in bulk drug by using UV visible spectrophotometer and RP HPLC
- Analytical method development and validation for simultaneous estimation of Ivabradine Hydrochloride and Atenolol in bulk drug by using UV-Visible spectrophotometer and RP-HPLC
- Method development and validation for simultaneous estimation of Emtricitabine and Efavirenz in bulk drug by using UV-visible spectrometer and RP-HPLC
- RP-HPLC and UV-visible method development and validation of novel synthesized pyrazoline derivative.
- RP-HPLC and UV Spectrophotometer Method development on pravastatin sodium and metoprolol succinate.