

ANAND PHARMACY COLLEGE, ANAND

Research Projects Guided by Faculty in PG Courses

2014-2015

M. Pharm (Pharmacology)

Sr. No.	Student name	Title of the project	Guide
1	Vaidehi Patel	Development and evaluation of polyherbal formulation for antiurolithiatic activity	Dr. Tejal R. Gandhi

M. Pharm (Pharmaceutics)

Sr. No.	Student name	Title of the project	Guide
1	Patel Aakash	Demonstration of risk assessment for the development of compression coated tablet containing Aspirin and Clopidogrel bisulphate	Ms. Asha S. Patel
2	Babariya Poonamben	Identification of key formulation variables for modulating release of Lornoxicam from hydrophobic matrix in hydro-alcoholic dissolution media	Dr. Mukesh C. Gohel
3	Gohil Jaydevsinh	Development and characterization of topical organogel containing Diacerein and Aceclofenac for the treatment of arthritis	Dr. Mukesh C. Gohel
4	Javiya Kanaiyalal	Optimization of preparative conditions for development of biodegradable microspheres of Doxofylline for lung targeting	Dr. Mukesh C. Gohel
5	Malek Nasiruddin	Design and development of transdermal patch containing Lornoxicam and Thiocolchicoside for treatment of gout.	Dr. Vaishali T. Thakkar
6	Patel Hetalben	Practical application of the quality by design for the development of Zaltoprofen tablets with improved dissolution functionality.	Dr. Mukesh C. Gohel
7	Patel Prachi	Fabrication and evaluation of locally acting contraceptive in-situ gel containing Neem extract and Copper gluconate employing the current concept of regulators for females	Dr. Mukesh C. Gohel
8	Rami Dharini	Exploration of foam granulation technique to prepare fast disintegrating tablet containing Flupirtine maleate	Mr. Lalji H. Baldaniya
9	Ankitaben Purohit	Demonstration of science based development of self micro emulsifying drug delivery system	Dr. Mukesh C. Gohel

		containing bacopa monnieri extract for improved in-vitro functionality	
10	Chandni Rangani	Science based development and evaluation of functional solid oral dosage form of Rudraksha employing innovatively prepared leaf extract	Dr. Mukesh C. Gohel
11	Kabarawala Mugdhaben.	Formulation and evaluation of topical spray of Momentasone furoate for the treatment of psoriasis	Dr. Vaishali T. Thakkar
12	Patel Pratik	Formulation and assessment of sprinkle pellets containing Artemether and Lumefantrine for paediatric patient	Mr. Lalji H. Baldaniya
13	Patel Rinkuben	Development and assessment of hydrogel containing Silversulphadiazine and auxillary agents for treatment of acid burns	Dr. Vaishali T. Thakkar
14	Sevak Yagniben	Formulation, optimization and evaluation of sublingual film of Candesartan cilexetil	Dr. Vaishali T. Thakkar
15	Chovatiya Hardik	Preparation, characterization of Mefenamic acid-Phospholipid complex for enhancement of solubility	Dr. Vaishali T. Thakkar
16	Joshi Maulin	Development and characterization of medicated chocolate containing Cefpodoxime proxetil:as a Paediatric dosage form	Dr. Vaishali T. Thakkar
17	Ketankumar Javiya	Development and evaluation of poly herbal formulation containing lipid lowering agents	Dr. Vaishali T. Thakkar
18	Pansuriya Nirali	Patient centric development of vaginal ring for extended release of Cisplatin	Dr. Vaishali T. Thakkar
19	Patel Ami	Development and evaluation of an antistress polyherbal tablet	Ms. Asha S. Patel
20	Patel Nishit	Development and evaluation of an antihypertensive poly herbal tablet	Mr. Lalji H. Baldaniya
21	Shah Chirag I	Exploration of Cyclodextrin derivative for use in extrusion spheronization for achieving dual objective of faster erosion and improved dissolution of Fabuxostate	Dr. Mukesh C. Gohel
22	Vaghani Dhavalkumar	Exploring polymeric micelles as targeted pulmonary delivery of Rifampicin, Ethambutol and Ofloxacin for treatment of tuberculosis	Ms. Asha S. Patel
23	Bhoi Sejalben	In-depth investigations in the dosage form development of Solanesol for the treatment of diabetic foot ulcer	Dr. Mukesh C. Gohel
24	Chauhan Happykumar	Fabrication and evaluation of a newer combination containing Cilostazol and Telmisartan with improved functionality for the treatment of cardiovascular complication associated with diabetes	Dr. Vaishali T. Thakkar

25	Dhodi Sneha	Development and characterization of in-situ gel forming implant containing Diclofenac sodium and Thiocolchicoside for the treatment of gout	Dr. Mukesh C. Gohel
26	Kotwal Roshni	Enhancement of solubility of sustain release Carvedilol containing disintegration controlled matrix tablet by solid dispersion	Dr. Vaishali T. Thakkar
27	Ravin Pandya	Investigation of an active film coated tablet containing Tizanidine and Ibuprofen for the treatment of post-operative pain management after periodontal surgery	Mr. Lalji H. Baldaniya

M. Pharm (Quality Assurance 1st shift)

Sr. No.	Student name	Title of the project	Guide
1	Bhatt Unnatiben	Development and validation of stability indicating HPLC method for pranlukast dry syrup	Dr. Kalpana Patel
2	Chaudhari Dipikakumari	Development and validation of analytical methods for simultaneous estimation of erdosteine, terbutalinesulphate and guaiphenesin in combined dosage form	Dr. Purvi Shah
3	Hingoo Kavita	Bioanalytical method development and validation for estimation of zaltoprofen and its pharmacokinetic application in rat plasma	Dr. Purvi Shah
4	Memon Nargis	Solubility enhancement of diclofenac sodium and chlorzoxazone in combined dosage form and its pharmacokinetic application by RP-HPLC method	Dr. Purvi Shah
5	Parmar Aarti	Simultaneous estimation of lornoxicam and thiocolchicoside and its pharmacokinetic application in rat plasma by chromatographic method	Dr. Purvi Shah
6	Patel Naiyaben	Stability indicating analytical method for estimation of anagliptin using analytical quality by design approach	Mr. Hitesh Raval
7	Patel Rupalben	Risk based approach for evaluation of blow-fill-seal technology	Dr. Kalpana Patel
8	Patel Sweta	Bioanalytical method development and validation for estimation of metronidazole in human plasma by UPLC-MS/MS method	Mr. Hitesh Raval Ms. Ratna Limgavkar
9	Shah Priyanka	Development and validation of analytical method for simultaneous estimation of ambroxol hydrochloride and doxofylline in pharmaceutical dosage form	Dr. Kalpana Patel

10	Tivari Ravikumar	Bioanalytical method development and validation for estimation of clonazepam in K ₃ EDTA human plasma using UPLC/ESI-MS/MS	Dr. Kalpana Patel
11	Vahora Hanna	Development and validation of bioanalytical method for simultaneous estimation of aceclofenac and diacerein and its pharmacokinetic application	Mr. Hitesh Raval
12	Patel Hinalben	Development and validation of chromatographic method for simultaneous determination of preservatives in marketed formulation	Dr. Kalpana Patel
13	Rajyaguru Upasanaben	Development and validation of stability indicating HPLC method for estimation of alvimopan in soft gelatin capsule	Dr. Kalpana Patel
14	Shah Pratik	Development and validation of analytical methods for simultaneous determination of nadifloxacin, mometasonefuroate and miconazole nitrate in semisolid dosage form	Dr. Kalpana Patel
15	Phadnis Yugashri	Prospective process validation of levofloxacin infusion based on quality risk management principles	Mr. Hitesh Raval

M. Pharm (Quality Assurance 2nd shift)

Sr. No.	Student name	Title of the project	Guide
1	Patel Payal	Isolation of ursolic acid from <i>nerium oleander</i> leaves and quantification of ursolic acid in herbal formulation	Dr. Purvi Shah
2	Zankhna Solanki	Development and validation of UPLC-MS/MS method for estimation of olmesartan medoxomil in human plasma and its pharmacokinetic application	Dr. Purvi Shah
3	Gamit Nirajkumar	Development and validation of analytical methods for simultaneous estimation of ambroxol hydrochloride, loratadine and guaifenesin in combined dosage form using experimental design	Mr. Hitesh Raval Ms. Ratna Lingavkar
4	Godhani Prutha	Simultaneous estimation of telmisartan and cilostazol in newer pharmaceutical formulation and it's in vivo pharmacokinetic study	Dr. Kalpana Patel
5	Patel Digna	Development and validation of dissolution method for aceclofenac and tizanidine by QbD approach	Dr. Purvi Shah
6	Sindha Neelamben	Cleaning validation for estimation of pharmaceutical residues using risk based analysis	Dr. Purvi Shah

7	Vyas Grishma	Analytical method development and validation for simultaneous estimation of lansoprazole and aspirin in pharmaceutical dosage form	Mr. Hitesh Raval
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