

P.E.S. MODERN COLLEGE OF PHARMACY, NIGDI, PUNE  
 PHARMACEUTICAL CHEMISTRY DEPARTMENT  
 LIST OF STUDENTS GUIDED  
 2015-16 (PHARMACEUTICAL CHEMISTRY)

Sr.No	Guide	Name of student	Title
1	Dr. S. B. Jadhav	Mahajan Monika Dattatray	Stress Degradation Studies of Lamivudine and Tenofovir Disoproxil Fumarate and Development of Validated Stability Indicating Assay Method Using RP-HPLC and HPTLC
2	Dr. P. N. Sable	Prabhakar Apurva Rajkumar	Synthesis and Biological Evaluation of Some Thiophenes as Antibacterial and Antifungal Agents.

2015-16 (QUALITY ASSURANCE TECHNIQUE STUDENTS GUIDED BY PHARM.CHEMISTRY FACULTY)

Sr.No	Guide	Name of student	Title
1	Dr. V. V. Chopade	Kulkarni Kalyani Anil	To study the impurities of selected pharmaceutical compound
2	Dr. P. M. Patil	Godkar Pranitee Vilas	To develop and validate stability indicating assay of Allopurinol by HPTLC and HPLC method in bulk form and pharmaceutical dosage form
3	Mr. A. S. Tapkir	Biradar Shital Magardhwaj	Development and validation of intrinsic stability indicating assay methods for the determination of DPP-4 inhibitor in bulk and dosage forms.
4	Ms. M.T. Harde	Fegade Mayur Kanhaiyalal	Establishment of inherent stability indicating assay method for determination of cough suppressant and anticancer drug in marketed formulation by chromatographic technique.

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 2016-17(PHARMACEUTICAL CHEMISTRY)

Sr.No	Guide	Name of student	Title
1	Dr. S B Jadhav	Gaikwad Shweta Sunil	Synthesis and Biological evaluation of some novel quinazolinone derivatives
2	Ms. A. R. Balap	Shweta Kadam	Stability indicating assay method development and validation of candesartan celixetil and hydrochlorothiazide in its bulk and dosage form by RP-HPLC and HPTLC
3	Mr. A. S. Tapkir	Ganjage Purnima	Design, Development & standardization of single herb formulation of <i>terminalia belerics</i> abstract

2016-17 (QUALITY ASSURANCE TECHNIQUE STUDENTS GUIDED BY PHARM.CHEMISTRY FACULTY)

Sr.No	Guide	Name of student	Title
1	Dr. S. B. Jadhav	Tambe Sumit Sanjay	Development and validation of stability indicating assay method of Sildenafil Citrate and Dapoxetine Hydrochloride and it's Marketed Formulation by RP-HPLC and HPTLC.
		Wani Gokul Popat	Development and validation of stability indicating assay method of Ivermectin and it's Marketed Formulation by RP-HPLC and HPTLC
		Gadekar Swati Rajendra	Design, Development and Standardization of Polyherb Formulation
2	Dr. P. M. Patil	Tambe Madhuri Balasaheb	Development and validation of simple RP-HPLC method for Tacrolimus and its preservatives in pharmaceutical dosage form assisted with Design of Experiment for Tacrolimus Robustness determination
		Rokade Pournima Shrihari	Development and validation of simple RP-HPLC method for Bosutinib assisted with Design of Experiment for Robustness determination
3	Dr. P. N. Sable	Shinde Prasad S	Development and Validation of Stability Indicating Assay Method for Tadalafil in Marketed Formulation.
		Shete Vaishal D	Synthesis and Biological Evaluation of Metal Complexes.

	Dr. P. N. Sable	Khedkar Snehal N	Synthesis of Metal Complexes as Antimicrobial Agents
4	Dr. V. V. Chopde	Jadhav Suraj G	Isolation and characterization of antimicrobial compound from selected medicinal plant
		Gagare Vikas Kailas	Method development and validation for determination of selected bulk drug and its formulation
		Nagare Avinash Amrut	Isolation and characterization of selected impurities obtained from Pharmaceutical API
		Patil Sachin B	Isolation and characterization of degradant products of selected bulk drug
		Pawar Nimish	Isolation and characterization of herbal surfactant from selected medicinal plant
5	Ms. M. T. Harde	Waghmare Prashant A.	Development and validation of stability indicating assay method for determination of some recent marketed formulation by Chromatographic method
		Jagtap Prerana P.	Development and validation of stability indicating assay method for determination of some recent marketed formulation by Chromatographic method
		Baride Rasika C.	Design, Development and Standardization of Poly herb formulation of <i>Salix alba</i> and <i>Rosmarinus officinalis</i> .
6	Mr. A. S. Tapkir	Deshmukh Sagar Shrikantrao	Inhibition study of Enzyme Aldehyde Oxidase by chemical inhibitor -Drug Discovery prospective
		Farsh Zeba Mukhtar Alam	Identification, isolation purification of piceatannol from cyperus rotundus and its characterization by HPLC
		Mithbavkar Jay Rajaram	Biomarker Quantification- Development of fit for purpose LC-MS/MS method for determination of methyl guanidine in mice urine
7	Mr. S. Y. Chaudhari	Shete Dipali Balwant	Design and Synthesis of Substituted Pyrazoline derivatives as an Anti-inflammatory agents.
		Uttekar Snehal Sanjay	To develop new RP HPLC method for the estimation of ledipasvir and sofosbuvir in pharmaceutical dosage form

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 2017-18 (PHARMACEUTICAL CHEMISTRY)

Sr.No	Guide	Name of student	Title
1	Dr. S B Jadhav	Pournima Ashok Bhalekar	Synthesis and Evaluation of Antidiabetic Activity of Some Novel Sulphonamide/Isothiocyanate Linked Quinazolinone Derivatives.
2	Dr. P. N. Sable	Sonali Fulchand Pimple	Design, Synthesis and Biological Evaluation of Some Novel Tacrine Analogues.
3	Mr. S. Y. Chaudhari	Akash Kamalakar Sutar	Design, Synthesis and Virtual Screening of Novel Coumarin Derivatives and Evaluation of their Anti-Inflammatory Activity.
		Rukhsar Nasir Shaikh	Design, Synthesis and Evaluation of Tacrine MTDLs (multi-target directed ligands) as an Anti-Alzheimer's Agent.

2017-18 (QUALITY ASSURANCE TECHNIQUE STUDENTS GUIDED BY PHARM.CHEMISTRY FACULTY)

Sr.No	Guide	Name of student	Title
1	Dr. S. B. Jadhav	Naykodi Pragati Shantaram	Stability indicating assay method for Sofosbuvir and Ledipasvir using HPLC and HPTLC
2	Dr V V Chopade	Biradar Priyadarshani Sanjayrao	Solubility enhancement of rosuvastatin by hot melt extrusion technique.
		Kanade Komal Pandit	Isolation and characterisation of <i>berberis aristata</i> plant extract
3	Dr. P. N. Sable	Mudukshiwale Suhas Sambhaji	Method Development, Validation and Stress Degradation Study of Anticonvulsant Drug by using Chromatographic Techniques
4	Dr. A. R. Balap	Giramkar Hrushikesh	Development and validation of stability indicating assay method for determination of Pimobendan and Metoprolol tartarate in bulk and marketed formulation by HPTLC method and characterization of its degradation product by LC-MS
		Sathe Pooja	To study the pharmacokinetic herb-drug interaction of momordica charantia fruit extract and pure charantin with nateglinide in wistar rats
		Salunkhe Abhijit	To study the pharmacodynamic herb-drug interaction of momordica charantia fruit extract and pure charantin with nateglinide in wistar rats
5	Dr. M. T. Harde	Patil Priya G.	Establishment of Inherent stability indicating assay method for determination of antiparkinson and anthelmintic drug in bulk and marketed formulation by chromatographic technique

	Dr. M. T. Harde	Khomne Anuja D.	Establishment of Inherent stability indicating assay method for determination of anticancer antihistaminic drug in bulk and marketed formulation by chromatographic technique
6	Mr. S.Y.Chaudhari	pawar Ajay Shivaji	To develop and validate stability indicating assay of chlorpromazine hcl by uv and HPLC Method for pharmaceutical dosage form
7	Mr. A. S. Tapkir	Pandit Megha P.	Development and validation of stability indicating assay method for Azelastine HCl and Ciclesonide
		Salve Suraksha B.	Design, development and standerdisation of single herb formulaton of <i>Aegle marmelos</i> extract

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 2018-19 (PHARMACEUTICAL CHEMISTRY)

Sr.No	Guide	Name of student	Title
1	Dr. S B Jadhav	Phadtare Shital Satyavan	Synthesis and Evalution of antidiabetic activity of some triazole linked quinazolinone compounds
2	Dr. P. N. Sable	Gaikwad Navnath Ambadas	Analytical method development and Validation of Antiasthmatic drug and it's estimation in marketed preparation.
3	Mr. S. Y. Chaudhari	Malusare Anita Vijay	Design, Synthesis and Biological evaluation of some Tacrine derivtives as an Anti-Alzheimer agents

2018-19 (QUALITY ASSURANCE TECHNIQUE STUDENTS GUIDED BY PHARM.CHEMISTRY FACULTY)

Sr.No	Guide	Name of student	Title
1	Dr. S B Jadhav	Adepawar saroja P.	Development of Stability Indicaing Assay Method For determination of Sorafenib Tosylate in bulk and tablet dosage from characterization of degradant by Lc-MS
		Naikare Manish K.	Development of Stability Indicaing Assay Method For determination of Nitrofurantoin in bulk and tablet dosage form and characterization of degradant byLC-MS
2	Dr. P. N. Sable	Newale Pooja Ankush	Stability Indicating Assay method and Stress degradation study of Adapalene by HPTLC method and characterization of degradation product by LC-MS method.
3	Dr. V. V. Chopade	Choudhary Bhavesh Mohanlal	Formulation and development of self micro emulsifying drug delivery system for silymarin
		Gaikwad Akshay Dnyandeo	Solubility enhancement of Glibenclamide by Hot melt extrusion method
		Yadav Chaitali Ramchandra	Development of RP-HPLC method for estimation of selected antiviral drug and its pharmaceutical dosage form
4	Dr. P. M. Patil	Kalokhe Shivani Raosaheb	Quantification of methocarbamol and its impurities present in pharmaceutical dosage form by stabality indicating HPLC method
		kasbe Sneha Madhavrao	Isolation and characterization of Capparis Zeylenica Plant extract
5	Dr. M. T. Harde	Raskar Poonam Balasaheb	Novel stability indicating HPLC method for determination of related substances present in extrude base Posaconazole delayed release tablet

	Dr. M. T. Harde	Gadekar Mayuri Subhash	Development and validation of stability indicating assay method for determination of Dipyridamole and Aspirin in bulk and marketed formulation using chromatographic method
		Sonawane Bhanuprasad Suresh	Development and validation of stability indicating assay method for determination of Azelastine HCL and Fluticasone Furoate in bulk and marketed formulation using chromatographic method
6	Dr. A. R. Balap	Waghmare Ravina Rajendra	Development and validation of stability indicating assay method for determination of Dosulepin HCl in bulk and marketed formulation by HPTLC method and characterization of degradation product by LC-MS
		Chandgude Rushikesh Ramdas	Development and validation of stability indicating assay method for determination of Allopurinol in bulk and marketed formulation by HPTLC method
7	Dr. A. S. Tapkir	Damgude Sayali Shantaram	Development and validation of RP-HPLC method for determination of Scopoletin and Myristicin in bulk and dosage form.
		Kumbhar Snehal Arun	Development and validation of stability indicating assay and preservative content of stiripentol oral suspension.