Pune District Education Association's

SETH GOVIND RAGHUNATH SABLE COLLEGE OF PHARMACY, SASWAD

Department of Pharmaceutical Chemistry
Dissertation Topics

M. PHARM 2025-26			
Sr. No	**Name of Student**	**Name of Research Guide**	**Dissertation Topic**
1	Bankar Alisha Kiran	Dr. R. S. Chavan	Development and Validation of a Stability-Indicating RP-HPLC Method for the Simultaneous Estimation of Cyclobenzaprine Hydrochloride and Etoricoxib
2	Chavan Kshitija Dipak Anita	Dr. S. J. Pawar	
3	Dronawar Vaishnavi Jaiprakash	Mrs. J. R. Jagtap	Design, Synthesis and Biological Evaluation of Benzimidazole Based Compounds as DHFR Inhibitor for Anticancer and Antimicrobial Activity
4	Ghante Sushama Laxman	Dr. A. P. Kale	Development and Validation of a Simultaneous Bioanalytical RP-HPLC Method for Quantification of Pregabalin and Nortriptyline Hydrochloride in Human Plasma
5	Ghutugade Avinash Kashnath	Dr. G. B. Nigade	Development and Validation of Stability-Indicating Simultaneous Estimation of Bromelain and Quercetin in Marketed Formulation Using RP-HPLC
6	Gore Pradnya Anil	Dr. R. S. Chavan	Design, Synthesis and Biological Evaluation of Quinoline Derivatives as Potential Anticancer Agents
7	Jadhav Shital Gopichand	Mrs. J. R. Jagtap	Quality by Design (QbD)-Based Analytical Method Development and Validation for Praziquantel in Bulk and Tablet Dosage Form by Using HPTLC with Greenness Assessment
8	Kadam Madhura Ramdas	Dr. A. P. Kale	Study of Benzothiazole-Linked Hydroxamic Acids: Biological and Computational Evaluation

9	Lokhande Priyanka Maruti	Dr. G. B. Nigade	HPTLC Fingerprint Analysis of Sanjivani Bati Formulations Using Chemometric Methods
10	Mote Vaibhav Dnyaneshwar Savita	Dr. R. S. Chavan	Bioanalytical Method Development and Validation of Simultaneous Estimation of Etoricoxib and Serratiopeptidase in Human Plasma by RP-HPLC
11	Mundlik Pratham Santosh Kalpana	Dr. S. J. Pawar	Development and Validation of HPTLC Method for the Quantification of L-Theanine in Marketed Formulations
12	Rathod Aniket Pralhad	Mrs. J. R. Jagtap	Development And Validation Of Stability Indicating Assay Method For Simultaneous Estimation Of Ethinylestradiol And Dienogest By Rp-Hplc
13	Raut Sandhya Balkrishna	Dr. A. P. Kale	Development And Validation Of A Stability-Indcating Greener HPTLC Method For The Estimation Of Epalrestat
14	Sawat Sonali Navnath	Dr. G. B. Nigade	Development and Validation of an HPTLC Method for the Quality Assessment of the Ayurvedic Formulation Ayush-64 Using Picroside II and Mangiferin as Biomarkers
15	Solapure Poonam Omprakash	Dr. R. S. Chavan	

M. PHARM 2024-25

Sr. No	Name of Student	Name of Research Guide	Dissertation Topic
1	Barade Gitanjali Suresh	Dr. R. S. Chavan	Stability Indicating Method Development and Validation for Icosapent Ethyl by RP – HPLC
2	Bhosale Saurabh Ajinath	Dr. S. J. Pawar	Development and Validation of Stability Indicating RP-HPLC Method for Determination of Sotagliflozin
3	Borhade Akanksha Bhagwan	Mrs. J. R. Jagtap	Development and Validation of Bioanalytical Method of Icosapent Ethyl in Human Plasma using RP-HPLC
4	Dhoke Divya Lekhandas	Mr. A. P. Kale	QbD Based Method Development and Validation for Cetilistat by RP-HPLC
5	Jagtap Manisha Suresh	Mr. G. B. Nigade	HPTLC Fingerprint Analysis of Amalaki Formulations by Chemometrics Method

6	Kale Prem Nandkishor	Dr. R. S. Chavan	Bioanalytical Method Development and Validation of Inosine Pranobex in Human Plasma by RP-HPLC
7	Keshewar Sanket Sonajirao	Dr. S. J. Pawar	Bioanalytical Method Development and Validation of Sotagliflozin by RP-HPLC
8	Mhetar Manasi Jayavant	Mrs. J. R. Jagtap	Design, Synthesis and Biological Evaluation of Sulfinyl and Sulfonyl Benzimidazole Analogues as Antimicrobial Agents.
9	Natu Chetan Mohan	Mr. A. P. Kale	RP-HPLC Method Development and Validation of C-Phycocyanin using Marketed Formulation
10	Shinde Prajakta Kailas	Mr. G. B. Nigade	Stability Indicating Assay Method of Gokushura Vati by RP - HPLC
11	Shinde Vaishnavi Vishnu	Dr. R. S. Chavan	QbD Based Method Development and Validation of Ursolic Acid from Rosmarinus Officinalis by HPTLC Method

M. PHARM 2023-24

1	Bhongale Samiksha Sambhaji	Dr. R. S. Chavan	Development and Validation of HPTLC method for Simultaneous Estimation of Biomarkers in Jamun Churna
2	Jadhav Shashwati Ashok	Mrs. J. R. Jagtap	Design synthesis and biological evaluation of benzimidazole derivatives as antimicrobial agents.
3	Jadhav Srushti Prakash	Dr. A. P. Kale	Study of heterocyclic compounds as antimicrobial agents
4	Jangid Monika Shyamsundar	Mr. G. B. Nigade	Accelerated stability studies of Amlaki vati by HPTLC
5	Kadam Rutuja Ganpatrao	Dr. R. S. Chavan	Design, synthesis and biological evaluation of Quinoline derivaries as antitubercular agents.
6	Kapase Pratik Sunil	Dr. S. J. Pawar	Bioanalytical method development and validation of dutasteride by RP-HPLC using rat plasma
7	Kudale Shubhangi Somnath	Mrs. J. R. Jagtap	Development and validation of RP HPLC method for Glimepiride niosomal formulation
8	Lande Rushikesh Anil	Mr. A. P. Kale	Development and validation of an HPLC method for determination of Alogliptin benzoate in rat plasma
9	Makar Pratibha Maruti	Mr. G. B. Nigade	RP-HPLC Method Development of an Ayurvedic Formulation-Gokshura vati
10	More Ketakee Rajesh	Dr. R. S. Chavan	Qbd based method development for estimation of rosuvastatin calcium and

			ezetimibe in pharmaceutical formulation by RP-HPLC
11	Shendge Shital Shankarrao	Dr. S. J. Pawar	Design, synthesis and biological evaluation of thiazole derivatives as an antimicrobial agents
12	Shendge Shivani Tukaram	Mrs. J. R. Jagtap	Development and validation of RP-HPLC method for Brimonidine tartarate microsphere formulation.
13	Shinde Nilesh Narayanrao	Dr. A. P. Kale	Design, synthesis and biological evaluation of Benzothiazole and it's derivatives as an antimicrobial agents.
14	Zanzane Nilesh Dhanaji	Dr. R. S. Chavan	Design, synthesis and biological evaluation of coumarin derivatives as potential antidiabetic agents
M. PHARM 2022-23			
1	Ahire Shubham Satish	Dr. R. S. Chavan	Design, synthesis and evaluation of Quinoline derivative as an antimicrobial agent
2	Dalvi Sayali Anil	Dr. S. J. Pawar	Design synthesis and evaluation of chalcone for its antimicrobial potential.
3	Gambhire Neha Suresh	Mrs. J. R. Jagtap	Analytical method development of Aegle Marmelos formulation by HPLC
4	Lakade Pratik Bhagwan	Mr. A. P. Kale	Absent
5	Mane Prajakta Arun	Mr. G. B. Nigade	Analytical method development and validation of Ayurvedic solid dosage form- Vati by HPTLC
6	Mane Suneja Sanjay	Dr. R. S. Chavan	Development and validation of HPTLC method for Ayurvedic tablet formulation
7	Misale Kshitij Madhav	Dr. S. J. Pawar	Absent
8	Patil Aditi Dipak	Mrs. J. R. Jagtap	Method development and validation of Drakshadhi churna by using HPTLC
9	Phadtare Srushti Shantilal	Mr. A. P. Kale	Synthesis andBiological evaluation of some heterocyclic derivatives as an anticonvulsants
10	Potdar Divyani Deepak	Mr. G. B. Nigade	Design, synthesis and evaluation of phenolic acid derivative as an antimicrobial agent
11	Zinjad Shweta Babaji	Dr. R. S. Chavan	Design, synthesis, biological evaluation and molecular docking of

			benzimidazole derivative as an antimicrobial agent
12	Zope Dhanashri Vijay	Dr. S. J. Pawar	Synthesis of Poly N- acetyl glucosamines derivatives as candidate vaccine
	M. PHARM 2021-22		
1	Lomate Omkar Gahininath	Dr. R. S. Chavan	Development and Validation of Stability Indicating HPLC method for estimation of Centhaquin Citrate
	M. PHARM 2020-21		
1	Bhongale Suraj Vikas	Dr. R. S. Chavan	Development and Validation of Stability Indicating RP-HPLC Method for the estimation of Evogliptin Tartrate
2	Dorugade Rahul Vijay	Dr. S. J. Pawar	Design, Synthesis and Evaluation of some Pyrimidine Derivatives as Anthelmintic Agent
3	Jadhav Pranali Anandrao	Mrs. J. R. Jagtap	Design, Synthesis and Antimicrobial Activity of some 1,3-Diazine Derivatives
4	Jagtap Vishal Janardan	Mr. A. P. Kale	Design, Synthesis and Evaluation of Heterocyclic Anticonvulsant Agent
5	Jangale Swapnil Kailas	Mr. G. B. Nigade	Development and Validation of Analytical method for the simultaneous estimation of Photochemicals in Herbal formulation of Amalaki
	M. PHARM 2019-20		
1	Raut Kirti Sunil	Dr. R. S. Chavan	Synthesis and biological evaluation of Thiazole derivatives as Antimicrobial Agents
2	Budhe Urmila Ashok	Dr. S. J. Pawar	Development and Validation of RP-HPLC method for the estimation of Sotagliflozin
3	Petkar Pooja Anant	Mrs. J. R. Jagtap	Design , Synthesis and Biological evaluation of N-containing

			heterocyclic compound as Antimicrobial Agents
4	Thombare Rutuja Ulhas	Mr. A. P. Kale	Design , Synthesis and Evaluation of some Heterocyclic Derivatives as Anticonvulsant Agents
5	Zagade Pratik Rajendra	Mr. G. B. Nigade	Optimization and Validation of Colorimetric Serum Bactericidal Assay for Neisseria Meningitidis"
	M. PHARM 2018-19		
1	Kokat Jayshree sudhakar	Dr. R. S. Chavan	Design, synthesis and biological evaluation of newer Heterocyclic compounds as antimicrobial agents
2	Zori Priya Gururaj	Dr. S. J. Pawar	Design and synthesis of heterocyclic compounds for some biological activity.
	M. PHARM 2017-18		
1	Shendkar Harsha Balasaheb	Dr. M. N. Deodhar	Design, Synthesis and Biological Evaluation of Heterocyclic Derivatives as Analgesic Agents
2	Sonal Arun Phule	Dr. R. S. Chavan	Design, synthesis and biological evaluation of oxazolone derivatives as antidiabetic agent
3	Pisal Pooja Sunil	Dr. S. J. Pawar	Development and Validation of Stability Indicating HPLC method of Pharmaceutical Dosage Form