

Criterion 3 – Research, Innovations and Extension

Key Indicator - 3.2 Innovation Ecosystem.

Details of Projects by M. Pharm Students in Pharmaceutical Industries

2019-20

S. No.	Name of the student	Branch	Title of the project	Name of the company	Name of research Guide
1	Garje Shubhangi Navnath	Pharmaceutics	Study of antisnake venom activities of leaves of <i>Annona squamosa</i> L. against saw scaled viper venom	Haffkine Bio-pharmaceuticals Corporation Ltd., Pimpri	Dr. Ashlesha Pandit
2	Shewale Abhishek D	Pharmaceutics	Formulation Development and evaluation of extended release pellets consisting of gastrointestinal anti-inflammatory agent for ulcerative colitis	Alkem Laboratories Limited (Research and Development Centre), Taloja, Navi Mumbai	Ms. Priya Rodge
3	Deshmukh Siddhata A	Pharmaceutical Quality Assurance	Validation of Multiplex opsonophagocytic Assay for <i>Streptococcus pneumoniae</i>	Serum Institute of India Pvt. Ltd., Pune	Mrs. Suvarna Vanjari
4	Chavan Ganesh Ananda	Pharmaceutical Quality Assurance	Analytical method development and stability indicating HPLC method for determination of impurities of nimodipine 60 mg/ 20 ml oral solution	Callidus Research Lab,	Dr. Rajendra Patil
5	Singh Sujata Virendra	Pharmaceutical Quality Assurance	Stability Indicating RP-HPLC method development and validation of Azelastine Hydrochloride in its dosage form	Alkem Laboratories Limited (Research and Development Centre), Taloja, Navi Mumbai	Dr. Prashant Ghode
6	Sharma Nishi Omprakash	Pharmaceutical Quality Assurance	Development and validation of RP-UPLC method estimation of Linezolid in Pharmaceutical dosage form	Glenmark Pharmaceutical Ltd., R & D Centre, Navi Mumbai	Dr. Atul Sayare

2020-21

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1	Dalvi Akshay Ramesh	Pharmaceutical Quality Assurance	RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE ESTIMATION OF METFORMIN HCL AND VILDAGLIPTIN IN ITS DOSAGE FORM	Shree Icon Pharmaceutical Laboratories, Vijayawada, AP	Dr. Prashant Ghode
2	Gavhane Pranali Nandakumar	Pharmaceutical Quality Assurance	RP-HPLC METHOD DEVELOPMENT & VALIDATION FOR THE SIMULTANEOUS ESTIMATION OF DAPAGLIFLOZIN, SAXAGLIPTIN & METFORMIN HYDROCHLORIDE IN TABLET DOSAGE FORM	Shree Icon Pharmaceutical Laboratories, Vijayawada, AP	Dr. Prashant Ghode
3	Kadam Avinash Bhujangrao	Pharmaceutical Quality Assurance	STABILITY INDICATING RP-HPLC METHOD DEVELOPMENT & VALIDATION FOR Sildenafil CITRATE TABLET	UMedica, Turbhe Mumbai	Dr. R. B. Patil
4	Kadav Minal Shashikant	Pharmaceutical Quality Assurance	STABILITY INDICATING RP-HPLC METHOD DEVELOPMENT & VALIDATION FOR THE ESTIMATION OF DOFETILIDE IN ITS DOSAGE FORM	Shree Icon Pharmaceutical Laboratories, Vijayawada, AP	Dr. Atul Sayare
5	Kakade Sushama Navnath	Pharmaceutical Quality Assurance	STABILITY INDICATING RP-HPLC METHOD DEVELOPMENT & VALIDATION OF ANTIHYPERTENSIVE DRUG	Emcure Pharma Pune	Dr. Atul Sayare
6	Kale Rohit Uttam	Pharmaceutical Quality Assurance	DEVELOPMENT VALIDATION OF RP-HPLC METHOD USING INTERNAL STANDARD FOR THE SIMULTANEOUS ESTIMATION OF TRANEXAMIC ACID AND MEFENAMIC ACID	Shree Icon Pharmaceutical Laboratories, Vijayawada, AP	Dr. Atul Sayare
7	Nevase Pooja	Pharmaceutical	STABILITY INDICATING RP-HPLC METHOD	Shree Icon Pharmaceutical	Dr. Prashant

	Prakash	Quality Assurance	DEVELOPMENT AND VALIDATION FOR THE ESTIMATION OF BILASTINE IN BULK AND IT'S DOSAGE FORM AND CHARACTERIZATION OF DEGRADATION PRODUCT BY LC-MS	Laboratories, Vijayawada, AP	Ghode
8	Pawar Jayshri Chandrapalsinh	Pharmaceutical Quality Assurance	FORMULATION DEVELOPMENT AND EVALUATION OF ENTERIC COATED OMEPRAZOLE PELLETS AND COMPARATIVE DISSOLUTION PROFILE WITH INNOVATOR	Shree Icon Pharmaceutical Laboratories, Vijayawada, AP	Dr. Atul Sayare
9	Phalke Rutuja Rajendra	Pharmaceutical Quality Assurance	RP-HPLC METHOD DEVELOPMENT & VALIDATION FOR THE SIMULTANEOUS ESTIMATION OF QUINAPRIL AND HYDROCHLOROTHIAZIDE IN ITS DOSAGE FORM USING INTERNAL STANDARD METHOD	Shree Icon Pharmaceutical Laboratories, Vijayawada, AP	Dr. Atul Sayare
10	Rathod Shivam Pandit	Pharmaceutical Quality Assurance	STABILITY INDICATING RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE ESTIMATION OF CLEVIDIPINE BUTYRATE IN IT'S DOSAGE FORM	Shree Icon Pharmaceutical Laboratories, Vijayawada, AP	Dr. Prashant Ghode
11	Thorat Komal Navnath	Pharmaceutical Quality Assurance	DEVELOPMENT AND VALIDATION OF RP-HPLC METHOD FOR THE SIMULTANEOUS ESTIMATION OF AZITHROMYCIN & CEFIXIME IN TABLET DOSAGE FORM USING INTERNAL STANDARD METHOD	Shree Icon Pharmaceutical Laboratories, Vijayawada, AP	Prof. Manisha Chavan
12	Umale Pranoti Madhukar	Pharmaceutical Quality Assurance	ANALYTICAL METHOD DEVELOPMENT AND VALIDATION FOR SIMULTANEOUS ESTIMATION OF AZELNIDIPINE AND TELMISARTAN IN IT'S DOSAGE FORM	Shree Icon Pharmaceutical Laboratories, Vijayawada, AP	Prof. Asawari Pachauri
13	Vivekanand	Pharmaceutical	VALIDATED STABILITY	Shree Icon	Dr. Prashant

	NurdasTembhurnikar	Quality Assurance	INDICATING METHOD FOR ESTIMATION OF RIFAPENTINE IN ITS DOSAGE FORM & CHARACTERIZATION BY LC-MS	Pharmaceutical Laboratories, Vijayawada, AP	Ghode
14	Abhijeet Umakant Raut	Pharmaceutical Quality Assurance	RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE SIMULTANEOUS ESTIMATION OF CEFTRIAXONE SODIUM AND SULBACTAM SODIUM IN POWDER FOR INJECTION FORMULATION	Hindustan Antibiotics Ltd., Pune	Dr. R. B. Patil

Patent filed

Sr. No.	Name of Inventor	Title	Application Number	Current Status
1.	Ashwini Kedar, Kanchan Koyate, Arun Kumar Teotia, Ashlesha Pravin Pandit	An Automated Pastille formation Apparatus	20182102509	Published
2.	Ashwini Kedar, Kanchan Koyate, Arun Kumar Teotia, Ashlesha Pravin Pandit	An ecofriendly mosquito repellent composition and process for preparation thereof	IP201821006839	Published

Best Research Paper Awards

Research Work of Shreyas R. Joshi (M. Pharm student) and Dr. Ashlesha Pandit, Professor, Department of Pharmaceutics, has received **Dr. P. D. Sethi Memorial Annual National Awards 2019 for 'Best Research Papers on Application of TLC/HP-TLC in Pharma, Herbal & Other Chemical Analysis'**. The title of the research paper was "*Curcumin as a permeability enhancer enhanced the antihyperlipidemic activity of dietary green tea extract*". It is the great recognition of the research work done at the institute in the area of herbal drug formulations guided by Dr. Ashlesha Pandit. The authors, Dr. Ashlesha Pandit, Prof. Preeti Dalal, Prof Vinita Patole and the Principal Dr. K. R. Khandelwal has been congratulated by our Founder Secretary Prof. T. J. Sawant Sir for this great achievement and their valuable guidance.



Research Work of Saurabh Baradkar (M. Pharm student) and Dr. Prashant Ghode, Associate Professor, Department of Pharmaceutical Quality Assurance, has received **Dr. P. D. Sethi Memorial Annual National Awards 2019** for ‘Best Research Papers on Application of TLC/HP-TLC in Pharma, Herbal & Other Chemical Analysis’. The title of the research paper was *“Stability Indicating HPTLC Method Development and Validation for the Estimation of Saxagliptin in Bulk and its Dosage Form”* It is the great recognition of the research work done at the institute in the area of HPTLC method development guided by Dr. Prashant Ghode. The authors Dr. Prashant Ghode, Dr. Atul Sayare, Prof. Asawari Pachauri, Dr. K. R. Khandelwal and the Principal have been congratulated by our Founder Secretary Prof. T. J. Sawant Sir for this great achievement and their valuable guidance.





Award Received by the hand of Shri Akshay Charegaonkar, Director Anchrom Enterprises India Pvt. Ltd., Mumbai

Awards for Innovation

I] Innovative **Apparatus to Formulate Pastilles** was developed by Dr. Ashlesha Pandit, Professor, Department of Pharmaceutics was presented by students Ms. Shilpa Gupta, Ms. Suvidha Kabadi, Mr Gaurav Rede at 6th National Level Technical Expo GRAVITY 2020 organized by K J's Educational Institute, Pune has received best innovation award. The same innovation was presented by students at **Simulation- Pharma Model Making Competition** organized by **Sinhgad Technical Education Society, Pune** **has received Best Model apparatus award.**

Dr. Ashlesha Pandit, students and Principal Dr. K. R. Khandelwal has been congratulated by our Founder Secretary Prof. T. J. Sawant Sir for this great achievement and their valuable guidance.



II] HAP Model making competition **Cynasure 2020** was held and organized at Charak College of Pharmacy, Wagholi, Pune. Ungraduate students Ms. Shraddha Pawar, Mr. Rohit

Rajput under the guidance of Dr. Vaishali Mute have received prize for HAP Model making. Dr. Vaishali Mute, students and Principal Dr. K. R. Khandelwal has been congratulated by our Founder Secretary Prof. T. J. Sawant Sir for this great achievement and their valuable guidance.

