

PG/PhD Recognized staff	Specialization	Total no. of Publications	Cumulative Impact Factor
PHARMACEUTICS AND QUALITY ASSURANCE TECHNIQUES			
Dr. Sanjay J. Kshirsagar	Pharmaceutics	232	110
Dr. Moreshwar P. Patil	Pharmaceutics	40	19.1
Dr. Nilima A. Thombre	Pharmaceutics	47	27.3
Dr. Gitanjali S. Deokar	Quality Assurance	30	19.1
Dr. Sapna P. Ahirrao	Pharmaceutics	18	12.8
Dr. Deepak S. Bhambere	Pharmaceutics	15	11.8
Dr. Umesh D. Laddha	Pharmaceutics	32	75
Dr. Smita P. Kakad	Pharmaceutics	12	16
Dr. Eknath D. Ahire	Pharmaceutics	35	20
PHARMACOLOGY AND PHARMACOGNOSY			
Dr. Pavan B. Udavant	Pharmacology	20	09
Dr. Sunita N. Surse	Pharmacognosy	10	8
Dr. Neelam L. Dashputre	Pharmacology	25	23.6
Dr. Anjali B. Tajanpure	Pharmacology	15	9.2
Dr. Rahul R. Sable	Pharmacology	13	5.35
Mr. Shubham J. Khairnar	Pharmacology	32	52
PHARMACEUTICAL CHEMISTRY			
Dr. Dinesh D. Rishipathak	Pharmaceutical Chemistry	38	22.3
Dr. Sandeep S. Sonawane	Pharmaceutical Chemistry	51	34.5
Dr. Santosh S. Chhajed	Pharmaceutical Chemistry	51	51
Dr. Rani S. Kankate	Pharmaceutical Chemistry	35	32
Dr. Rakesh U. Shelke	Pharmaceutical Chemistry	05	1
Dr. Kavita R. Chandramore	Pharmaceutical Chemistry	08	0.7

Thrust Area	Major Instrumental Facility
FORMULATION AND DEVELOPMENT (PHARMACEUTICS & QUALITY ASSURANCE)	
<ul style="list-style-type: none"> Colon targeted drug delivery Self-emulsifying drug delivery system Targeted drug delivery system Controlled release tablets and nanotechnology Novel ocular drug delivery systems, Development of cocrystals for dissolution enhancement Novel Drug Delivery system Application of QbD approach in the development of pharmaceutical dosage form Controlled Release drug delivery Nasal delivery of nano formulation Liposomal & Topical drug delivery system Colon targeted drug delivery Trans dermal drug delivery system Extended-release dosage forms Analytical method development & validation Development and validation of bioanalytical methods Stability indicating method 	<ul style="list-style-type: none"> Tablet Compression Machine ACG tablet coater High speed homogenizer Dissolution test apparatus Spray dryer Probe Sonicator Rapid Mixer Granulator Sterilization unit Incubator Colony counter Aseptic Room Brookfield Viscometer Stability Chambers Orbital Shaker Stability chamber UV-VIS spectrophotometer
SYNTHESIS AND METHOD DEVELOPMENT (PHARMACEUTICAL CHEMISTRY & ANALYTICAL CHEMISTRY)	
<ul style="list-style-type: none"> Computer-aided drug design and co-crystals synthesis Design, Synthesis, and Evaluation of New Chemical Entities (NCEs) as anti-infective, anticancer agents Bioanalytical method development and validation, FDS Stability indicating method, Chemical kinetics Synthesis and characterization of impurities and degradation products Design and synthesis of small molecule heterocycle for different pharmacological activities Use of QbD/DoE approach in forced degradation studies and analytical method development, microwave assisted forced degradation studies 	<ul style="list-style-type: none"> Fume Chamber Microwave synthesizer Rotary Evaporator Hot Air Oven Reflux Assemblies Flame Photometer Fluorimeter HPLC system (Waters) FTIR spectrophotometer (Shimadzu IR Affinity-1)
CLINICAL TRIAL DEVELOPMENT (PHARMACOLOGY)	
<ul style="list-style-type: none"> Toxicological Profiling Preclinical Pharmacodynamic and Pharmacokinetics assessment Preclinical research Exploring the safety and effectiveness of emerging pharmaceuticals across a spectrum of illnesses Neurodegenerative disorders by subjecting potential medications to evaluations in animal models Preclinical studies of various diseases and disorders in various Experimental animal models (Ex vivo, In vitro, In Vivo) 	<ul style="list-style-type: none"> Biochemical analyzer Plethysmometer Electroconvulsimeter Cooling Centrifuge
REGULATORY AFFAIRS	
<ul style="list-style-type: none"> Comparative study of various guidelines Study of IND, NDA, ANDA for biologics Nutraceuticals and medical device 	