

Ph.d Guides and Research Areas

Sr. No.	Name of the guide	Research Areas
1.	Dr. Bala Prabhakar	Novel Drug Delivery Systems, Targeted Drug Delivery
2.	Dr. Sateesh B.	Diabetes, Inflammation & Toxicity studies
3.	Dr. Vaishali Londhe	Novel drug delivery systems like nanoparticles, liposomes, microneedles, Solubility enhancement methods like solid dispersions, inclusion complexation, SMEDDS, cocrystals for improvement in bioavailability, Modified oral delivery like ODT, oral jelly etc. using Design of Experiments (DOE), Transdermal drug delivery, Analytical/ bioanalytical method development and validation, impurity profiling, Herbal formulation development
4.	Dr. Pravin Shende	Biosensors, nanosponges, nanobubbles, nanoflowers, microneedles, Resealed erythrocytes, Biocarrier drug delivery, DoE-based formulations, Liposomes, dendrimers, solid-lipid nanoparticles, Polymeric nanoparticles, carbon NP, magnetic NP, nanocrystals, Targeted, Transdermal, buccal, pulmonary and pulsatile drug delivery systems, Inclusion complexation for improving solubility and bioavailability, Preformulation and stability studies of conventional dosage forms
5.	Dr. Yogesh Kulkarni	Pharmacology of herbal drugs focusing on diabetes, diabetic complications, and neurodegenerative disorders, Toxicity of natural products, herbal drugs, Standardization of herbal drugs
6.	Dr. Khushwant Yadav	Nanomedicine, Drug delivery, Formulation Development for Anticancer drugs, Novel Delivery Systems for Glaucoma, Neurodegenerative diseases, Microparticles, Polymer based kinetics
7.	Dr. Sanjay Sharma	Analytical and Bioanalytical Method Development and Validation, Impurities Profile, Natural products (cow urine and its preparations), Drug Regulatory Affair (DRA), Intellectual property Right (IPR), Failure investigation and compliance including CAPA for Pharmaceuticals etc.
8.	Dr. Saritha Shetty	Formulation development: Excipient technology, Polymer nanotechnology, Transdermal and Topical drug delivery systems, Oral and Mucoadhesive drug delivery systems, Herbal Research and Cosmetic Technology, Analytical Method Development and Validation
9.	Dr. Ginpreet Kaur	Diabetes, Nutraceuticals, Metabolic Syndrome, Inflammation, Cardiovascular diseases
10.	Dr. Kalyani Barve	Targeting inflammatory pathways for therapeutic management of cardiovascular/metabolic/CNS disorders, Preclinical evaluation of medicines used in traditional systems (Ayurveda, Siddha, Homeopathy and Unani) used in cardiovascular and metabolic disorders, Study of Pharmacodynamic interactions of herbs and medicines, Extraction and isolation of phytoconstituents
11.	Dr. Sarika Wairkar	Nanotechnology, Nasal drug delivery, Particle Engineering of drugs
12.	Dr. Amisha Vora	Analytical method development and validation, Impurity profiling, Standardization of herbal drugs and formulations, Drug-drug and herb drug interactions
13.	Dr. Kavita Singh	Expertise in development of various formulations viz. Polymeric and lipid based Nano carriers, Novel ophthalmic drug delivery systems, Osmotic drug delivery systems, Colon targeted and

		extended release matrix based oral solid dosage forms, anti-aging interventions, Pharmacokinetic studies etc. She carries keen interest in exploring novel anti-aging modalities and is engaged in multiple industrial projects in this arena.
14.	Dr. Kapil Juvale	Design and synthesis of small molecule modulators as anticancer agents, Development of small molecule inhibitors of Monocarboxylate transporters (MCT1 and MCT4) and ABC transporters involved in MDR in cancer, Study of bacterial proteins as potential antibacterial targets, Biochemical evaluation of small molecules
15.	Dr. Chandrakant Bonde	Design and development of new chemical entities (NCEs) as anti-cancer and Antitubercular agents, Computer aided drug design, Stability indicating method development using LC-MS, Analytical and bio analytical method development of Active Pharmaceutical Ingredients (APIs), Impurity synthesis of API
16.	Dr. G.L. Gupta	Drug addiction (Alcohol addiction), Behavioral pharmacology, CNS disorders- Psychopharmacology, Toxicity studies
17.	Dr. Smita Rane	Film Coating, Organogel, Liposome, nanoparticles, Transdermal, Parenteral, targeted drug delivery, Optimization and Quality by Design
18.	Dr. Payal Dande	Phytochemistry, Pharmacology and Herbal drug formulation
19.	Dr. Amit Page	Angiogenesis, CNS Pharmacology, Diabetes, Inflammation.
20.	Dr. Ashwini Deshpande	Dosage form design and novel drug delivery systems
21.	Dr. Santosh Yele	Nutraceutical for lifestyle diseases Diabetes Pharmacognosy Natural Products and Ethnopharmacology