

Bharati Vidyapeeth Deemed to be University, Poona College of Pharmacy Data of Research Projects/Funds/ Grants (2018-2019 to 2024-2025)						
Sr. No.	Name of PI/ Co-PI	Title of the project	Year	Funding Agency	Amount Sanctioned (Rs.)	Status of Project
1	Dr. Abhay M. Harsulkar, Poona College of Pharmacy, Pune Co-PI: Dr. Shantanu Deshpande Department of Orthopedic Bharati Hospital and Medical College Dr. Shama Aphale Poona College of Pharmacy, Pune	RNA mediators for mast cell targeted therapeutics in osteoarthritis (RNA arthritis)	2024-25	ICMR (ID: IIRPIG-2024-01-01441)	2,23,00,000	Sanctioned
2	Dr Urmila Aswar (Tambe) Professor, Dept. of Pharmacology, Poona College of Pharmacy, Pune Dr Preeti Chavan-Gautam Asst. Professor, School of Health Sciences, S. P. Pune University, Pune	Exploration of Ayurveda-based botanicals for management of Alzheimer's disease	2024-25	Ayush CoE Proposal under Ayurswasthya Yojna- Ayurveda-based botanicals and Alzheimer's disease. Government of India Ministry of Ayush Scheme Section (CoE)	35,00,200	Ongoing
3	Dr. Varsha Pokharkar Dr. Aniket Mali IRSHA, Pune	Nanoparticle based targeting of cancer Stem cells in triple-negative breast cancer : optimization and therapeutic evaluation of selected pharmaceutical actives	2023-24	Bharati Vidyapeeth Deemed to be University	3,50,000	Ongoing
4	Dr. ArulMozhi Dr. Vividha Dhapte	Repurposing of NOD Like Receptor Protein-3(NLRP3) Inhibitor as Ocular Formulation for Dry Eye Disease	2023-24	Bharati Vidyapeeth Deemed to be University	2,00,000	Ongoing
5	Dr. Shilpa Shrotriya	Biogenic Bimetallic Nanoparticles for	2023-24	Bharati Vidyapeeth	1,00,000	Ongoing

	Mrs. Ranjana Chavan Y. M. College, Pune	Effective Treatment of Diabetic and Non-Diabetic Skin Wounds Co-infected with multidrug Resistant Bacteria		Deemed to be University		
6	Dr. Abhay Harsulkar , Dr. Shantanu Deshpande, Bharati Hospital, Pune -Orthopedic Dept	Mediators for Mast Cell Targeted Therapeutics in Osteoarthritis	2023-24	Bharati Vidyapeeth Deemed to be University	2,50,000	Ongoing
7	Dr. Sandeep Pathare Dr. Aniket Mali IRSHA, Pune	Synthesis, Evaluation and Computational Study for the Development of Potential Anticancer Agents	2023-24	Bharati Vidyapeeth Deemed to be University	1,50,000	Ongoing
8	Dr. Deepali Bansode Ankit Ganeshpure Dr. Sharada Gadale, Dept. of Chemistry, Y. M. College, Pune	Investigation Molecular Docking, Environmentally Sustainable Synthesis, and Biological Assessment of Benzopyran-Piperazine Hybrids as Novel Anti-Leishmanial Agents	2023-24	Bharati Vidyapeeth Deemed to be University	2,00,000	Ongoing
9	Dr. Shama Aphale Mrs. Asavari Joshi	Development of 3 D Invitro Model for Screening Drugs and or Herbal Preparations for the Treatment of Chemotherapy Induced Anemia	2023-24	Bharati Vidyapeeth Deemed to be University	2,00,000	Ongoing
10	Dr. Sugandha Mulgund Dr. Gajanan Mali Y. M. College, Pune	Antibiofilm and Wound Healing Potential of Triphala Rasayana : A Mechanistic Approach	2023-24	Bharati Vidyapeeth Deemed to be University	1,00,000	Ongoing
11	Dr. Urmila Aswar Dr. Madhavi Mahajan, College of Ayurved, Pune	Preclinical and Dietary Intervention Trial of Oryza Sativa L. (black rice) for obesity	2023-24	Bharati Vidyapeeth Deemed to be University	1,00,000	Ongoing
12	Dr. Dileep Kumar Ankit Ganeshpure, Dr. Alpana Moghe, RGITBT	Machine Learning - Based Approach to Design Novel EGFR Inhibitors for Breast Cancer	2023-24	Bharati Vidyapeeth Deemed to be University	1,50,000	Ongoing

13	Dr. Sathiyarayanan L. Dr. Arumal Mozi	Studies on Network Phamacology of Saraswat Ghrita on Targets of Alzheimer's Disease and Investigation of Pharmacokinetic and Tissue Distribution of Selected Active Constituents of Saraswat Ghrita	2023-24	Bharati Vidyapeeth Deemed to be University	1,00,000	Ongoing
14	Dr. Ravindra Kulkarni Dr. Amol Muthal	Screening of Triazole Derivatized New Compounds as Carboxyesterase Inhibitors	2023-24	Bharati Vidyapeeth Deemed to be University	1,50,000	Ongoing
15	Dr. Mugdha Survawanshi Dr. Rajesh Rane, Dr. A. P. Pawar, Dr. Urmila Aswar	Design, Synthesis & Evaluation of Novel Symbiotic Hybrid of NSAIDs and Kojic Acid as Dual Inhibitor of Melanogenesis and Inflammation in Psoriasis	2023-24	Bharati Vidyapeeth Deemed to be University	1,00,000	Ongoing
16	Dr. Sunita Bhise	To Explore the Anti-Atherosclerotic Potential of Puerarin-Fisetin Combination Using Metabolomics Approach	2023-24	Bharati Vidyapeeth Deemed to be University	1,00,000	Ongoing
17	Ms. Preeti Tamhane	Development and Evaluation of Sustained Release Ophthalmic Formulation for Berberine	2023-24	Bharati Vidyapeeth Deemed to be University	2,00,000	Ongoing
18	Dr. Rajesh Rane Dr. Dileep Kumar, Dr. A. P. Pawar	Discovery of Novel Ophthalmic Prodrug for relieving Pain Associated with Diabetic Neuropathy	2023-24	Bharati Vidyapeeth Deemed to be University	1,00,000	Ongoing
19	Dr. Ashwin Mali Dr. Ravindra Kulkarni	Studies of Device Design in Orally Inhaled Drug Delivery System	2023-24	Bharati Vidyapeeth Deemed to be University	1,00,000	Ongoing
20	Dr. Savita Yadav Dr. Shama Aphale	Nutritional Analysis of Selected Spirulina Sp. And Comparative Evaluation of their In-vitro and insity Antimicrobial Activity Towards Food-Specific Bacterial Contaminants	2023-24	Bharati Vidyapeeth Deemed to be University	1,00,000	Ongoing

21	Dr. Shakuntala Chopde Dr Deepa Mandlik	Investigating Gastro-protective Potential of Curcumin and NSAID Combination in the Management of Colonic Manifestations	2023-24	Bharati Vidyapeeth Deemed to be University	1,00,000	Ongoing
22	Dr. Deepa Mandlik Dr. Satish Mandlik	Development of Lawsone Polymeric Nanoparticles (PNP) for Effective Treatment of Diethylnitrosoamine Induced Hepatocellular Carcinoma in Experimental Rats.	2023-24	Bharati Vidyapeeth Deemed to be University	1,00,000	Ongoing
23	Dr. Kavita Gjbhiye	Formulation and In-vitro Bioactivity Evaluation of Anti-VEGF drug loaded nanocarrier system for Management of NSCLC	2023-24	Bharati Vidyapeeth Deemed to be University	1,00,000	Ongoing
24	Dr. Dileep Kumar	Design and synthesis of dual inhibitors of Matrix metalloprotease and soluble epoxide hydrolase as anticancer and antitubercular agents	2022-2023	DST – Science and Engineering Research Board	17,66,739	Completed
25	Dr. Hemant Kumar Jain	STUTI on Strategies and Approaches for Characterization of Pharmaceuticals and Biopharmaceuticals	2022-2023	DST -STUTI	8,83,500	Completed
26	Dr. Varsha Pokharkar	Synchronising in-silico, in-vitro, and in-vivo approaches for the development of oral mups of berberine loaded lipid nanocarrier for amelioration of chemotherapy induced mucositis.	2022-2023	DST – Science and Engineering Research Board	29,90,900	Ongoing
27	Dr. Deepali Amol Bansode	Molecular docking, Green ecofriendly synthesis and biological evaluation of indole-condensed chalcones as novel anti-filarial agents	2022-2023	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
28	Dr. Shakuntala Chopade	In vitro and in vivo Evaluation of Microparticulate	2022-2023	Bharati vidyapeeth (Deemed to be University)	81,000	Completed
29	Dr L. Sathyanarayanan	Development of Royal Jelly Formulation as a Nutraceutical agent.	2022-2023	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed

30	Dr Ravindra Kulkarni	Synthesis and Screening of PIM 1 Kinase Inhibitors	2022-2023	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
31	Dr Rajesh Rane	Design and Synthesis of Novel Anticancer agents Inspired from Natural Products Targeting MMP-2 and (matrix metalloproteinase-2 and 9)	2022-2023	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
32	Dr Sandeep Shivaji Pathare Dr Vithal M. Kulkarni,	Synthesis, Evaluation & Computational Study of Potential Antidiabetic Agents	2022-2023	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
33	Dr Mugdha Suryawanshi	Synthesis and Pharmacological Evaluation of 2-mercapto Benzimidazole Analogues as Antidepressant Agents	2022-2023	Bharati vidyapeeth (Deemed to be University)	70,000	Completed
34	Dr Dileep Kumar Dr Ankit Ganeshpurkar	Development of Multi-Target Directed Ligands (inhibitors for Acetylcholinesterase and NMDA receptor) through Machine Learning and Molecular Modeling Techniques for the Management of Alzheimer's Diseases.	2022-2023	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
35	Dr Arulmozhi S. , Dr. Varsha Pokharkar	Formulation Development and Brain Pharmacokinetics of Microemulsion Based Formulation of GSK β inhibitor	2022-2023	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
36	Dr Deepa Satish Mahadik	Exploring the Chemoprotective effect of Phytosteroid targeting the molecular pathways of hepatocellular Carcinoma	2022-2023	Bharati vidyapeeth (Deemed to be University)	50,000	Completed
37	Dr Amol P. Muthal Dr Mahesh M. Ghaisas	Development of novel cardioprotective and anti-hypertensive agents from Indian Medicinal Plants	2022-2023	Bharati vidyapeeth (Deemed to be University)	50,000	Completed
38	Dr Urmila Manoj Aswar	Study of Protective Effect of Black Rice in NA-STZ induced Diabetes Melitus in male Wistar Rats	2022-2023	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
39	Dr Amarjitsing Rajput Dr. Dileep Kumar	Formulation, Development and Characterization of Lutein Loaded Nano-liposomal gel for Management of Psoriasis.	2022-2023	Bharati vidyapeeth (Deemed to be University)	70,000	Completed

40	Dr Satish K Mandlik	Implementation of Quality by Design (QbD) approached in preparation and characterization of Targeted Nanocarriers	2022-2023	Bharati vidyapeeth (Deemed to be University)	50,000	Completed
41	Dr Shilpa Nilesh Shrotriya	Topical film Forming Spray Dressing Loaded with Nano-sponges of Phytoconstituent for Chronic Diabetic Wounds / Diabetic Foot Ulcers.	2022-2023	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
42	Dr Vividha Dhapte, Dr Rama Bhadekar,	Study of Antibiotic Efficacy on Biofilm Formation in Clinical Ecosystem	2022-2023	Bharati vidyapeeth (Deemed to be University)	70,000	Completed
43	Dr Sharvil Sadashiv Patil	Preparation and characterization of artesunate-chrysin cocrystals using Solvent Evaporation Method	2022-2023	Bharati vidyapeeth (Deemed to be University)	50,000	Completed
44	Dr Atmaram Pawar Dr Sharvil Patil	Patient Centric Dosage Form Development for Paediatric Antibiotics using Hot Melt Extrusion	2022-2023	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
45	Dr Ravindra N Ramble	Development of Asenapine Formulation to Improve its Solubility and Efficacy	2022-2023	Bharati vidyapeeth (Deemed to be University)	50,000	Completed
46	Dr C. Bothiraja	Development of Efonidipine HCl Ethanolate Film Coated Tablet Using Single Excipient	2022-2023	Bharati vidyapeeth (Deemed to be University)	50,000	Completed
47	Dr Dyandevi Mathure	Design, Development and Evaluation of Nanocarrier's Loaded Nasal Hydrogel	2022-2023	Bharati vidyapeeth (Deemed to be University)	70,000	Completed
48	Dr Shama Aphale	Anticancer activity of Sterculia Foelida (Vitkhadirah) against Renal and Gynecological Cancer	2022-2023	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
49	Dr Abhay Harsulkar	Exploring Nitric Oxide(NO) mediated Cellular Inflammation in Cells Relevant to Pathophysiology of Osteoarthritis	2022-2023	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
50	Mrs. Malati R Salunkhe Dr Ajay Namdeo Dr Swati Shankar Gadgil,	Development of a Novel Herbal Formulation for Anti-inflammatory Activity	2022-2023	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed

51	Mrs. Preeti Tamane	Exploring the efficacy of standardized extract of Berberis Aristata in Oral Cancer	2022-2023	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
52	Dr. Nilesh Deshmukh	Formulation of vitamin D3 and Omega 3 fatty Acids Combination for Treatment of Depression	2022-2023	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
53	Dr Asawari Raut/ Dr Pravin Patil/ Dr Vaibhav Suryawanshi,	Effect of Lguratimod on Methotrexate Levels and Comparison with Existing Combination of Methotrexate Hydroxychloroquine in Patients with Rheumatoid Arthritis	2022-2023	Bharati vidyapeeth (Deemed to be), University	1,00,000	Completed
54	Dr. Sharvil Patil	PCI-CBIT Scheme	2021-2022	Pharmacy Council of India	50,000	Completed
55	Dr. Vaibhav Shinde	Design and Development of Electrospun wound dressing material	2021-2022	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
56	Dr Ajay Namdeo	Biotechnological strategies for the enrichment of vanillin production from decalepsi hamiltoni in vitro culture	2021-2022	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
57	Dr Varsha Pokharkar	Evaluation of preclinical efficacy of buccal nanogel in oral cancer	2021-2022	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
58	Dr Manjusha Sajit Dr Bijoy Panda	Evaluation of toxicity profile of Asparagines based therapies in acute lymphoblastic leukemia	2021-2022	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
59	Dr Sunita Pawar	Design and implementation of digital platform for training community pharmacist through digital platform	2021-2022	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
60	Dr. Vividha Dhaptte	Formulation and development of lipomers of selected chemotherapeutic agents	2021-2022	Bharati vidyapeeth (Deemed to be University)	92,366	Completed
61	Dr. Mugdha Suryawanshi	Synthesis of selected impurities and characterization	2021-2022	Bharati vidyapeeth (Deemed to be University)	1,04,153	Completed
62	Dr. Savita Yadav	Stability studies of selected herbal extract using analytical techniques	2021-2022	Bharati vidyapeeth (Deemed to be University)	1,41,261	Completed

63	Dr. K. R. Mahadik	Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST) Program – 2019	2020-2021	DST FIST	72,00,000	Completed
64	Dr. Kavita Gajbhiye	Peptide-aptamer functionalized stimuli-responsive nanocarriers for targeted delivery of anti-cancer bioactive to achieve eradication of breast tumor (Dr. Kavita Gajbhiye)	2019-2020	DST – Science and Engineering Research Board	32,48,860	Ongoing
65	Dr. K. R. Mahadik	Isolation & characterization of phytochemicals from selected medicinal plants & development of chromatographic methods for their determination in herbal products.	2019-2020	Ayush- National Medicinal plant Board (NMPB)	4,55,000	Completed
66	Dr. S. Y. Gabhe, A. B. Pharane	Structural Modifications on herbal medicinal scaffold as potential bioenhancers and nanosizing effect of these agents on pharmacokinetic parameters of some drugs (Dr. S. Y. Gabhe, Student-A. B. Pharane)	2019-2020	HRD DHE Women Fellowship	30,58,750	Completed
67	Dr.Bothiraja Chellampillai	Teachers Associateship For Research Excellence (TARE).(Health Sciences)DST-SERB	2019-2020	DST – Science and Engineering Research Board - Teachers Associateship for Research Excellence (TARE)	18,30,000	Completed
68	Dr. Savita Yadav	Leadership and Excellence	2019-2020	AICTE Training and Learning (ATAL)	93,000	Completed
69	Dr. A. P. Pawar	Development Of Functional Microemulsions For Enhanced Brain Uptake In Neurodegenerative	2019-2020	Research Promotion Scheme (AICTE) For Research Centres under National Doctoral Fellowship (RPS-NDF)	12,00,000	Completed
70	Dr. K. R. Mahadik	AICTE Unnat Bharat Abhiyan	2019-2020	AICTE Unnat Bharat Abhiyan	2,80,000	Completed
71	Dr. Arulmozhi S	Screening of herbal formulation for treatment of Alzheimer's disease	2019-2020	Bharati vidyapeeth (Deemed to be University)	1,80,000	Completed

72	Dr. Urmila Aswar	Evaluation of compounds in chronic unpredictable stress induced depression	2019-2020	Bharati vidyapeeth (Deemed to be University)	1,47,000	Completed
73	Dr. A.G. Namdeo	Enhancement of indole alkaloid in Cathranthus species by plant Tissue culture techniques	2019-2020	Bharati vidyapeeth (Deemed to be University)	1,05,000	Completed
74	Dr. V.M. Shinde	Studies on application of micropropagation for enhancement of secondary metabolites in medicinal plants	2019-2020	Bharati vidyapeeth (Deemed to be University)	1,01,000	Completed
75	Dr. Sharvil Patil	Green synthesis of phytomolecules loaded metal nano particles for cancer therapy	2019-2020	Bharati vidyapeeth (Deemed to be University)	1,25,000	Completed
76	Dr. Bothiraja	Studies on formulation aspects of selected phytoconstituents	2019-2020	Bharati vidyapeeth (Deemed to be University)	1,00,000	Completed
77	Dr. Deepali Bansode	Synthesis and evaluation of I satin derivatives as anticancer agents	2019-2020	Bharati vidyapeeth (Deemed to be University)	1,15,000	Completed
78	Dr. Sandeep Pathare	Design and synthesis and biological evaluation of antifungal drugs	2019-2020	Bharati vidyapeeth (Deemed to be University)	1,20,000	Completed
79	Dr. Deepa Mandlik	Evaluation of hepatoprotective activity of plant compounds on experimental animals	2019-2020	Bharati vidyapeeth (Deemed to be University)	1,20,000	Completed
80	Dr. R. N. Kamble	Investigation of sorafenib tysolate loaded liposomal dry powder inhaler for treatment of lung cancer	2019-2020	Bharati vidyapeeth (Deemed to be University)	1,20,000	Completed
81	Dr. Sakuntala chopade	Synthesis, in vitro study and pharmacological evaluation of novel macromolecular prodrugs for IBD	2019-2020	Bharati vidyapeeth (Deemed to be University)	1,50,000	Completed
82	Dr. Deepali Bansode	Microwave assisted synthesis, molecular docking and pharmacological evaluation of novel potent fluorinated thiazolidine and cinnamic acid analogues as antitubercular agents	2018-2019	DST – Science and Engineering Research Board	43,98,000	Completed

83	Dr. Ajay Namdeo, Balaji Deshmukh	"Microbial load and stability of some phytochemical components of selected Indian medicinal plant materials as affected by gamma irradiation"	2018-2019	Board of Research in Nuclear Sciences (BRNS)	25,83,200	Completed
84	Poona College of Pharmacy Dr. Arulmozhi S.	CEP-Pharmacy Teachers Programme	2018-2019	CEP-Pharmacy Teachers Programme Grant by PCI	3,00,000	Completed
85	Poona College of Pharmacy	Scheme of QIP	2018-2019	QIP, AICTE	34,90,069	Completed
86	Dr. Ashwin Mali	Particle engineering techniques for dry powder inhaler for enhanced lung deposition	2018-2019	Bharati vidyapeeth (Deemed to be University)	1,60,000	Completed
87	Dr. Savita Yadav	Standardisation of Poly herbal formulations	2018-2019	Bharati vidyapeeth (Deemed to be University)	1,60,000	Completed
88	Dr. L.Sathiyarayanan	Nutraceutical studies on bee products	2018-2019	Bharati vidyapeeth (Deemed to be University)	1,50,000	Completed
89	Dr. Vividha Dhapte	Formulation and development of liposomes of selected chemotherapeutic agents	2018-2019	Bharati vidyapeeth (Deemed to be University)	1,60,000	Completed
90	Dr. Asavari Raut	Statin utilization trend in primary and secondary prevention of cardiovascular diseases and impact of adherence to statin therapy	2018-2019	Bharati vidyapeeth (Deemed to be University)	1,55,000	Completed