

Bharati Vidyapeeth Deemed to be University,
Poona College of Pharmacy
Data of Research Projects/Funds/ Grants Received (2018-2019 to 2022-2023)

Sr. No.	Name of PI/ Co-PI	Title of the project	Year	Funding Agency	Amount	Status of Project
1	Dr. Dileep Kumar	Design and synthesis of dual inhibitors of Matrix metallo proteinase and soluble epoxide hydrolase as anticancer and antitubercular agents	2022-2023	DST – Science and Engineering Research Board	17,66,739	Completed
2	Dr. Hemant Kumar Jain	STUTI on Strategies and Approaches for Characterization of Pharmaceuticals and Biopharmaceuticals	2022-2023	DST -STUTI	8,83,500	Completed
3	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
4	Dr. Deepali Amol Bansode	Molecular docking, Green ecofriendly synthesis and biological evaluation of indole-condensed chalcones as novel antifilarial agents	2022-2023	Bharati vidyapeeth (Deemed to be), University	1,00,000	Completed
5	Dr. Shakuntala Chopade	In vitro and in vivo Evaluation of Microparticulate	2022-2023	Bharati vidyapeeth (Deemed to be), University	81,000	Completed
6	Dr L. Sathiyarayanan	Development of Royal Jelly Formulation as a Nutraceutical agent.	2022-2023	Bharati vidyapeeth (Deemed to be), University	1,00,000	Completed
7	Dr Ravindra Kulkarni	Synthesis and Screening of PIM 1 Kinase Inhibitors	2022-2023	Bharati vidyapeeth (Deemed to be), University	1,00,000	Completed
8	Dr Rajesh Rane	Design and Synthesis of Novel Anticancer gents 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
9	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

10	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
11	Dr Dileep Kumar Dr Ankit Ganeshpurkar	Development of Multi-Target Directed Ligands (inhibitors of 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
12	Dr Arulmozhi S. , Dr. Varsha Pokharkar	Formulation Development and Brain Pharmacokinetics of Microemulsion Based Formulation of GSK 3 β inhibitor	2022-2023	Bharati vidyapeeth (Deemed to be), University	1,00,000	Completed
13	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
14	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
15	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
16	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
17	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
18	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

19	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
20	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
21	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
22	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
23	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
24	Dr Dyandevi Mathure	Design, Development and Evaluation of Nanocarrier's Loaded Nasal Hydrogel	2022-2023	Bharati vidyapeeth (Deemed to be), University	70,000	Completed
25	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
26	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
27	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
28	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
29	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

30	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
31	Dr. Sharvil Patil	PCI-CBIT Scheme	2021-2022	Pharmacy Council of India	50,000	Completed
32	Dr. Vaibhav Shinde	Design and Development of Electrospun wound dressing material	2021-2022	Bharati vidyapeeth (Deemed to be), University	1,00,000	Completed
33	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
34	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
35	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
36	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
37	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
38	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
39	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

40	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
41	Dr.Bothiraja Chellampillai	Teachers Associateship For Research ExceUence (TARE).(Health Sciences)DST-SERB	2019-2020	DST – Science and Engineering Research Board - Teachers Associateship for Research Excellence (TARE)	18,30,000	Completed
42	Dr. Savita Yadav	Leadership and Excellence	2019-2020	AICTE Training and Learning (ATAL)	93,000	Completed
43	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 Fellow ship (RPS-NDF)	12,00,000	Completed
44	Dr. K. R. Mahadik	AICTE Unnat Bharat Abhiyan	2019-2020	AICTE Unnat Bharat Abhiyan	2,80,000	Completed
45	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
46	Dr. Ajay Namdeo, Balaji Deshmukh	"Microbial load and stability of some phytochemical components of selcted Indian medicinal plan materials as affected by gamma irradiation"	2018-2019	Board of Research in Nuclear Sciences (BRNS)	25,83,200	Completed
47	Poona College of Pharmacy Dr. Arulmozhi S.	CEP-Pharmacy Teachers Programme	2018-2019	CEP-Pharmacy Teachers Programme Grant by PCI	3,00,000	Completed
48	Poona College of Pharmacy	Scheme of QIP	2018-2019	QIP, AICTE	34,90,069	Completed
Total :-1,63,98,408						