

List of Research Projects of Pharmacy Department

S. No.	Title	Principal Investigator	Year of sanction	Funding Agency	Worth (in Lakhs)	Duration of Project	Status of Project
1	Phytochemical and pharmacological evaluation of some medicinally important plants of Chhattisgarh state. UGC SAP	Co-ordinator: Prof. V.D. Rangari Deputy co-ordinator: Dr. Dilipkumar Pal	2018-19	UGC	5500000	05 years	Ongoing
2	Computational ecotoxicological modeling and risk assessment of selected classes of pesticide using chemometric tools	Dr. Partha Pratim Roy	2018-19 (Sept-2018 onwards)	SERB	2523000	03 years	Ongoing
3	Design synthesis characterization and evaluation of anticancer activity of some new 1,3,4 oxadiazoles derivatives clubbd with isoindoline 1,3-dione EEQ/2017/000197	Dr. Jagadish Singh	2017-18	SERB	3284000	03 years	Ongoing
4	Role of hippocampus in histaminergic transmission in ethanol withdrawal induced behavioral depression associated with alcohol. DST/EMR/2016/005051	Dr. Nishant Jain	2017-18	SERB	4100000	03 years	Ongoing
5	Curbing pest menace in paddy cultivation through effective green solutions with follow up by pilot study and capacity building for potential users. NRDMS/SC/ST/16/016 (G),	Dr. Vivekananda Mandal	2016-17	NRDMS	985000	03 years	Ongoing
6	Physiological and Biochemical Characterization of Edible Plants Grown in the Vicinity of	Dr. Vivekananda Mandal	2016-17	SERB	3944000	03 years	Ongoing

	Thermal Power Plants in Chhattisgarh State: An Impact of Oxidative Stress due to Exposure to Polycyclic Aromatic Hydrocarbons / Empowerment and Equity Opportunities for Excellence in Science No. EEQ/2016/000067						
7	Synthesis and biological evaluation of some 1,4 pthalazinedione for their anti-hypertensive activity. 43-488/2014	Dr. K.P. Namdeo	2015-16	UGC	1034600	03 years	Completed
8	Approaches for exploring some medicinal plants from chhattisgarh for management of liver disorder and oxidative free radicals by in-vivo and in-vitro experimental models SB/EMER-515/2014	Dr. Bharti Ahirwar	2015-16	SERB	5,50,000	01 year	Completed
9	Evaluation of Ethanomedicinal plants of chhattisgarh against breast cancer Endt No. 1098/CCOST/MRP/2015	Dr. Bharti Ahirwar	2015-16	CGCOST, Raipur	7,00,000	02 years	Completed
10	A search for herbal anticataract drugs from Achanakmar forest area of Chhattisgarh state Endt No. 1093/CCOST/MRP/2015	Dr. Bodakhe SH	2015-16	CGCOST, Raipur	1,40,000	02 years	Completed
11	Search for anticataract agents: Phytochemical and pharmacological investigation Z28015/107/2014-HPC(EMR)-AYUSH-A	PI: Dr. Bodakhe SH Co-PI: Dr. K.P. Namdeo	2015-16	AYUSH	1099040	03 years	Completed
12	Development of targeted nanovector system(s) for intracellular delivery of cytotoxic agents SB/YS/LS/333-2013	Dr. Shivani Rai Paliwal	2014-15	DST (SERB), Fast Track	2700000	03 years	Completed

				Young Scientist Project			
13	Design & Synthesis of Novel estrone-deacetylase Inhibitors SB/YS/LS/335-2013	Dr. Harish Rajak	2014-15	DST (SERB), Fast Track Young Scientist Project	2700000	03 years	Completed
14	Development & characterizations of natural biodegradable polysaccharides based multiparticulate formulations. 8-94/RIFD/RPS/Policy-3	Dr. Sanjay Lanjhiyana	2013-14	AICTE	2000000	03 years	Completed
15	Development and characterization of targeted delivery of purified active phytopharmaceuticals for the effective treatment of crohns disease. 8-160/RIFD/RPS/Policy-4	Dr. K.P. Namdeo	2013-14	AICTE	1322000	03 years	Completed
16	Lectin conjugated multiparticulate delivery system for the effective treatment of H. Pylori infections 20/AICTE/RIFD/RPS (Policy-III)	Dr. Sunil Jain	2013-14	AICTE-RPS	12.0	03 yrs	Completed
17	Mucoadhesive Chitosan coated Cationic Nanoemulsion: Ocular Drug Delivery System 20-29(3)/2012(BSR)	Dr. K. Kesavan	2012-13	UGC-STARTUP	600000	2 yrs	Completed
18	Design and synthesis of some novel metal (Co, Ni, Ga) complexes of bi / tridentate ligand(s) as potential nucleolytic & anticancer agents 20-28(3)/2012(BSR)	Dr. Sanjay K. Bharti	2012-13	UGC-STARTUP	600000	2 yrs	Completed
19	A Chemometric way of strategizing extraction of nutraceutical phenolic antioxidants with subcritical water as an eco-conventional extraction fluid: An accelerated green approach	Dr. Vivekananda Mandal	2012-13	UGC-STARTUP	600000	02 yrs	Completed

	for meeting industrial demand 20-27(3)/2012(BSR)						
20	Phytochemical investigations of antisickling activity studies and formulation development of some Indian medicinal plants for the treatment and management of sickle cell anaemia 20/AICTE/RIFD/RPS (POLICY-III) 12/2012-13	Dr. Vinod Rangari	2012-13	AICTE-RPS	1940000	03 yrs	Completed
21	Isolation of secondary metabolites and evaluation of antisteroidogenic activities of some potential Indian medicinal plants obtained locally from Chhattisgarh state 42-694-2013 (SR)	Dr. Dilip kumar Pal	2012-13	UGC-MRP	1323000	03 yrs	Completed
22	Phytochemical Investigation and fracture healing activity studies of some medicinal plants of CG State for treatment of bone fracture F.No. 42-696/2013 (SR)	Dr. Vinod Rangari	2012-13	UGC-MRP	1285000	03 yrs	Completed
23	Evaluation of selective imidazoline I ₂ receptor ligand as analgesic in chronic neuropathic pain models 20-20(3)/2012(BSR)	Dr. Rajesh R. Ugale	2012-13	UGC-STARTUP	600000	02 yrs	Left the University before completion of project
24	Synthesis, characterization and antiproliferation of oxadiazole derivatives 20-19(3)/2012(BSR)	Dr. Jagadish Singh	2012-13	UGC-STARTUP	600000	02 yrs	Completed
25	Pharmacological evaluation, quality control and standardization of some potential antidiabetic plants 20-14(3)/2012(BSR)	Dr. Arjun Patra	2012-13	UGC-STARTUP	600000	02 yrs	Completed
26	Computational prediction of cytochrome P-450 enzyme inhibitors 20-21(3)/2012(BSR)	Dr. P. P. Roy	2012-13	UGC-STARTUP	600000	02 yrs	Completed

27	Computer aided design, synthesis and study of novel PTP-1B inhibitors as potential antidiabetic agents 20-16(3)/2012(BSR)	Dr. Suresh Thareja	2012-13	UGC-STARTUP	600000	02 yrs	Completed
28	To assess the Antiabuse potential of central histamine receptor analogs for anxiety related reinforcing effect of nicotine 20-23(3)/2012(BSR)	Dr. Nishant S. Jain	2012-13	UGC-STARTUP	600000	02 yrs	Completed
29	Development of colloidal carriers for mucosal vaccination	Dr. Akhlesh Jain	2012-13	UGC-STARTUP	600000	02 yrs	Completed
30	Evaluation of lipid based carrier system for delivery of hepatitis C antigen for vaccination using subcutaneous route	Dr. Dinesh Mishra	2012-13	UGC-STARTUP	600000	02 yrs	Left the university before completion of project
31	Development of colon targeted new generation vaccine formulations 41-742/2012 (SR)	Dr. Ravi shanker Pandey	2012-13	UGC-MRP	7,22,800	03 yrs	Completed
32	Photochemical and pharmacological evaluation of some potential antigenotoxic plant 41-729/2012 (SR)	Dr. P. K. Samal	2012-13	UGC-MRP	320000	03 yrs	Completed
33	Dosage form development and evaluation of phytomedicines for effective treatment of lymphatic filariasis disease prevelant among Indian population 41-740/2012(SR)	Dr. Sanjay Lanjhiyana	2012-13	UGC	514000	03 yrs	Completed
34	Design, synthesis and pharmacological evaluation of novel combretastatin A-4 analogues as anticancer agent. 40-275/2011	Dr. Harish Rajak	2011-12	UGC-MRP	10.5	03 yrs	Completed

35	Ethanopharmacological studies of some traditional medicinal plants 3-60/2011 (SAP-II)	Prof. J. S. Dangi and Dr S. H. Bodakhe	2011-12	UGC- SAP	75	05 yrs	Completed
36	Synthesis and biological evaluation of histone deacetylase inhibitors 8023/RID/RPS-63	Prof. J. S. Dangi	2011-12	AICTE RPS	14.5	02 yrs	Completed
37	Insecticidal activity of medicinal plant 315/CCOST/07	Dr. Bharti Ahirwar	2008-09	CGCOST	1.15	03 yrs	Completed
38	Development of Controlled release gastro-retentive multiparticulate delivery systems for the effective management of Type-2 Diabetes mellitus 8023/BOR/RPS-155	Dr. Sunil K. Jain	2007-08	AICTE	6.9	02 yrs	Completed
39	Design synthesis and Biological evaluation of CCR-5 Antagonists as Anti-AIDS drugs.	Dr. S. K. Jain	2006-07	AICTE	9.3	03 yrs	Completed