

List of Research Projects of Pharmacy Department

S. No.	Title	Principal Investigator	Funding Agency	Worth (in Lakhs)	Duration of Project	Status of Project
1	Cultivation and evaluation of Petro-Crops on degraded lands in Chhattisgarh	Prof. J. S. Dangi	Dept. of Land Resources, Govt. of India.	36.5	05 yrs	Completed
2	Ethnopharmacological studies of Traditional Medicinal plants of Amarkantak and Pendra regions of chhattisgarh State.	Prof. J. S. Dangi	AICTE	10.0	02 yrs	Completed
3	Industry Institute Partnership cell	Prof. J. S. Dangi	AICTE	7.0	03 yrs	Completed
4	Entrepreneurship Development Programme	Prof. J. S. Dangi	AICTE	6.0	01 yrs	Completed
5	Design synthesis and Biological evaluation of CCR-5 Antagonists as Anti-AIDS drugs.	Dr. Sanmati K. Jain	AICTE	9.3	03 yrs	Completed
6	Development of Controlled release gastro-retentive multiparticulate delivery systems for the effective management of Type-2 Diabetes mellitus	Dr. Sunil K. Jain	AICTE	6.9	02 yrs	Completed
7	Development and evaluation of Colon specific drug delivery systems for some Anti - Cancer drugs.	Dr. Sanjay Lanjhiyana	CGCOST	1.27	03yrs	Completed

8	Insecticidal activity of medicinal plant	Dr. Bharti Ahirwar	CGCOST	1.15	03 yrs	Completed
9	Synthesis and biological evaluation of histone deacetylase inhibitors	Prof. J. S. Dangi	AICTE RPS	14.5	02 yrs	Ongoing
10	Ethanopharmacological studies of some traditional medicinal plants	Prof. J. S. Dangi and Dr S. Bodake	UGC- SAP	75	05 yrs	Ongoing
11	Design, synthesis and pharmacological evaluation of novel combretastatin A-4 analogues as anticancer agent.	Dr. Harish Rajak	UGC-MRP	10.5	03 yrs	Ongoing
12	Dosage form development and evaluation of phytomedicines for effective treatment of lymphatic filariasis disease prevalent among indian population	Dr. Sanjay Lanjhiyana	UGC	5.14	03 yrs	Ongoing
13	Photochemical and pharmacological evaluation of some potential antigenotoxic plant	Mr. P. Samal	UGC-MRP	3.2	03 yrs	Ongoing
14	Development of colon targeted new generation vaccine formulation	Dr. Ravi shanker Pandey	UGC-MRP	7,22,800	03 yrs	Ongoing
15	Evaluation of lipid based carrier system for delivery of hepatitis C antigen for vaccination using subcutaneous route	Dr. Dinesh Mishra	UGC-STARTUP	6.0	02 yrs	Ongoing
16	Development of colloidal carriers for mucosal vaccination	Dr. Akhlesh Jain	UGC-STARTUP	6.0	02 yrs	Ongoing

17	To assess the Antiabuse potential of central histamine receptor analogs for anxiety related reinforcing effect of nicotine	Dr. Nishant S. Jain	UGC-STARTUP	6.0	02 yrs	Ongoing
18	Computer aided design, synthesis and study of novel PTP-1B inhibitors as potential antidiabetic agents	Dr. Suresh Thareja	UGC-STARTUP	6.0	02 yrs	Ongoing
19	Computational prediction of cytochrome P-450 enzyme inhibitors	Dr. P. P. Roy	UGC-STARTUP	6.0	02 yrs	Ongoing
20	Pharmacological evaluation, quality control and standardization of some potential antidiabetic plants	Dr. Arjun Patra	UGC-STARTUP	6.0	02 yrs	Ongoing
21	Synthesis, characterization and antiproliferation of oxadiazole derivatives	Dr. Jagadish Singh	UGC-STARTUP	6.0	02 yrs	Ongoing
22	Evalaution of selective imidazoline I ₂ receptor ligand as analgesic in chronic neuropathic pain models	Dr. Rajesh R. Ugale	UGC-STARTUP	6.0	02 yrs	Ongoing
23	Phytochemical Investigation and fracture healing activity studies of some medicinal plants of CG State for treatment of bone fracture	Dr. Vinod Rangari	UGC-MRP	12.85	03 yrs	Ongoing
24	Isolation of secondary metabolites and evaluation of antisteroidogenic activities of some potential Indian medicinal plants	Dr. Dilip kumar Pal	UGC-MRP	13.23	03 yrs	Ongoing

	obtained locally from Chhattisgarh state					
25	Lectin conjugated multiparticulate delivery system for the effective treatment of H. Pylori infections	Dr. S.K. Jain	AICTE-RPS	12.0	03 yrs	Ongoing
26	Phytochemical investigations of antisickling activity studies and formulation development of some Indian medicinal plants for the treatment and management of sickle cell anaemia	Dr. Vinod Rangari	AICTE-RPS	19.40	03 yrs	Ongoing
27	A Chemometric way of strategizing extraction of nutraceutical phenolic antioxidants with subcritical water as an eco-conventional extraction fluid: An accelerated green approach for meeting industrial demand	Dr. Vivekaananda Mandal	UGC-STARTUP	6.0	02 yrs	Ongoing
28	Design and synthesis of some novel metal (Co, Ni, Ga) complexes of bi / tridentate ligand(s) as potential nucleolytic & anticancer agents	Dr. Sanjay K. Bharti	UGC-STARTUP	6.0	2 yrs	Ongoing
29	Mucoadhesive Chitosan coated Cationic Nanoemulsion: Ocular Drug Delivery System	Dr. K. Kesavan	UGC-STARTUP	6.0	2 yrs	Ongoing

(Head of the Department)
(Pharmacy)