

External Funding Projects

Sr. No.	Research Project Title	Year	Funding Agency	Principal Investigator/Co-Investigator	Outlay (Rs in lakhs)
1	“Medical Exposure to the population around proposed Nuclear Power Plant Site at Jaitapur, due to diagnostic applications”	2009	BRNS, Mumbai dt. 23.03.2009	Dr.R.J. Khyalappa <i>M.D. (Medicine)</i> Dr.Mrs. M.A.Burande <i>M.D. (Pharmacology)</i>	27.13
2	“Studies on Establishment of Baseline Levels of Radiation & Radioactivity and Assessment of Radiation Doses Due to Natural and Fallout Radioactivity Around JNPP up to A Distance Of 30 Km From Site”	2009	BRNS, Mumbai dt. 23.03.2009	Prof.Dr.S.H.Pawar <i>M.Sc. Ph.D., FICC, FMASc</i> Dr.Mrs. P.N.Pawaskar <i>M.Sc., Ph.D.</i>	46.55
3	“Baseline Survey on Epidemiological Aspects In Jaitapur Region”	2009	BRNS, Mumbai dt. 23.03.2009	Dr.V.S.Patil <i>M.D. (PSM),DPH</i> Dr. V. R. Patkar <i>MBBS</i>	26.39
4	“Studies on Synthesis of CoFe ₂ O ₄ magnetic nanoparticles using magnetotactic bacteria for biomedical applications”	2010	DST, New Delhi dt. 16.11.2010	Prof.Dr.S.H.Pawar <i>M.Sc. Ph.D., FICC, FMASc</i> Dr. Smt. S. J. Ghosh <i>M.Sc. Ph.D.</i>	20.78
5	“Fabrication and performance studies of co-planar single chamber SmSrCoO ₃ /BiCuVO _x /Ni-SDC SOFC unit cell”	2011	DRDO, New Delhi dt. 15.09.2011	Prof.Dr.S.H.Pawar <i>M.Sc. Ph.D., FICC, FMASc</i>	4.81
6	“Development of an electrochemical immunosensor using functionalized magnetic nanoparticles for detection of tumor markers”	2011	DST, New Delhi dt. 10.10.2011	Prof. Dr. S. H. Pawar <i>M.Sc. Ph.D., FICC, FMASc</i> Dr. S. A. Murchite <i>M.S. (Surgery)</i>	89.30
7	“Study of PU/PVDF Nanoscaffolds Loaded with Anti-Microbial Agents for Wound Dressing Application” (2012-present)	2012	UGC, New Delhi. 06.06.2012	Ms. Jagruti Meshram (RGNF)	10.44
8	“Studies on Synthesis of Mg-Mn Ferrite Nanoparticles by	2012	CSIR-SRF, New Delhi	Mr. Vishwajeet Khot	8.37

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	Chemical Route for Hyperthermia therapy applications” (2012-2013)		16.04.2012		
9	Investigating avenues of working together in the field of PG medical education		Anglia Ruskin University, England	Prof. S.H. Pawar	6.00
10	Scaling early childhood development through AWC in India		Grand challenges Canada gates foundation	PI Dr Abhay Gaidhane ,CO PI Dr S Z Quazi and Dr P B Behere	12.45
11	Tribal health and research		Wild land conservation Trust, Mumbai	PI Dr. S Z Quazi ,CO PI Dr Abhay Gaidhane and Dr P B Behere	49.39
12	SPHERES		Harvard University	PI Dr Abhay Gaidhane , Co-PI Dr S Z Quazi and Dr P B Behere	19.15
13	Rapid Diagnosis Neonated and Gynaec		USAID through Harvard university	PI Dr S Z Quazi Co-PI Dr Arpita Jaiswal Dr Sachin Dhamke Dr P B Behere	26.96
14	Biological synthesis of selenium nanoparticles and evaluation of their antimicrobial activity (2013-2018)		UGC –NET-JRF UGC, New Delhi	Mr. Nayeem Mulla	18.942
15	Major Histocomptability class I chain antigen A and B Biomarker study for cancer	2014	DST, New Delhi	Dr M.G.Joshi	37.00
16	MicroRNA profiling of human endometrium at tissue and cellular level: Identifying the microRNA regime regulating stem cell proliferation and differentiation in endometrial hyperplasia conditions	2015	DST, New Delhi	Dr Indumati Somusundaram	20.25
17	Supercapacitor with rare earth metal sulfides/graphene hybrid thin films: fabrication and performance evaluation	2017	DST, New Delhi	Prof C D Lokande	36.00
18	Solid lipid encapsulated	2017	DST, New	Dr Arvind Gulbake	32.84

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	magnetic nanoparticle based hyperthermia and dual drug therapy for colon cancer		Delhi		
19	Freestanding 3D porous Graphene Foam (GF) electrodes decorated by Pseudocapacitive Materials (PCMs) for high energy and power density hybrid supercapacitors.	2017	DST Inspire Faculty Fellow	Dr. U.M. Patil	108
20	Pillared Nanohybrids Based on 2D Inorganic Nanosheets for Highly Efficient and Stable Solar Assisted H ₂ Production.	2017	Ramanujan Fellowship, DST-SERB, New Delhi	Dr. Jayavant L. Gunjekar	108
21	Development of new scaffolds for anticancer therapeutics.	2017	RGST	Dr. Indumathi Somasundaram	4.8
22	Effect Of Allopurinol And Febuxstat On Diabetic Nephropathy In Laboratory Animal Model	2017	C V Raman Fellowship for Visiting Professor Dr M. Abdel, Egypt	Dr M. Abdel, Egypt Host: Dr. Mrs. M.A. Burande	1.8
23	Development of flexible asymmetric supercapacitor with energy density (15 Whkg ⁻¹) and power density (1,000Wkg ⁻¹).	2018	DST, New Delhi	PI-Dr. C. D. Lokhande Co-PI-Dr. U. M. Patil Co-PI-Dr. Manisha Phadatare	45.73
24	Green supercapacitors for renewable energy storage - An international collaboration between Mid Sweden University, Sweden and D. Y. Patil Education Society (Deemed to be University), India.	2018	Swedish Foundation for International Cooperation in Research and Higher Education (STINT), Sweden	PI- Dr. Manisha Phadatare Co-PI- Prof. C. D. Lokhande	12
				Total Amount	Rs 773.082 Lakhs