



D. Y. Patil Education Society (Deemed to be University), Kolhapur.

EXTERNAL PROJECTS

Sr. No.	Name of Projects	PI Name	Funding Agency	Government	Department	Year	Amount (Rs.)in Lakhs	Duration
1	Major Histocompatibility class I chain antigen A and B Biomarker study for cancer. (June2015-June2018)	Dr. M. G. Joshi	DST, New Delhi	Government	Centre for Interdisciplinary Research	2015-2018	36.31	3 Year
2	MicroRNA profiling of human endometrium at tissue and cellular level: Identifying the microRNA regime regulating stem cell proliferation and differentiation in endometrial hyperplasia conditions. (December 2015-December2018)	Dr. Indumathi Somasundaram	DST, New Delhi	Government	Centre for Interdisciplinary Research	2015-2018	24.75	3 Year
3	Effect of Allopurinol and Febustat on diabetic Nephropathy in Laboratory Animal Model.	Dr.Mrs. Meeta A. Burande (Dr. M. Abdel, Egypt)	C V Raman Fellowship for Visiting Professor	Government	Pharmacology	2017-2018	1.8	6 Month
4	Freestanding 3D porous Graphene Foam (GF) electrodes decorated by Pseudocapacitive Materials (PCMs) for high energy and power density hybrid supercapacitors. (March2017-March2022)	Dr. U. M. Patil	DST, Inspire Faculty Fellow	Government	Centre for Interdisciplinary Research	2017-2022	108	5 Year
5	Supercapacitor with rare earth metal sulfides/graphene hybrid thin films: fabrication and performance evolution. (Jan2017-Jan2020)	PI-Dr. C. D. Lokhande Co-PI-Dr. Manisha Phadatare	DST, New Delhi	Government	Centre for Interdisciplinary Research	2017-2020	38.606	3 Year
6	Surface modified magnetic solid lipid nanoparticles for imaging and hyperthermia with dual drug therapy in colon cancer. (Feb2017-Feb2020)	Dr. Arvind Gulbake	SERB-DST, New Delhi	Government	Centre for Interdisciplinary Research	2017-2020	32.84	3 Year
7	Pillared Nanohybrids Based on 2D Inorganic Nanosheets for Highly Efficient and Stable Solar Assisted H ₂ Production. (August2017-August 2022)	Dr. Jayavant L. Gunjekar	Ramanujan Fellowship, DST-SERB, New Delhi	Government	Centre for Interdisciplinary Research	2017-2022	108	5 Year

8	Development of new scaffolds for anticancer therapeutics.	Dr. Indumathi Somasundaram	RGST	Government	Centre for Interdisciplinary Research	2017-2019	4.8	2 Year
9	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.	PI- Dr. Manisha Phadatare Co-PI- Prof. C. D. Lokhande	Swedish Foundation for International Cooperation in Research and Higher Education (STINT), Sweden	Swedish Government	Centre for Interdisciplinary Research	2018-2019	12	1 year
10	Development of flexible asymmetric supercapacitor with energy density (15 Whkg ⁻¹) and power density (1,000Wkg ⁻¹). (July2018-July2020)	PI-Dr. C. D. Lokhande Co-PI-Dr. U. M. Patil Co-PI-Dr. Manisha Phadatare	DST, New Delhi	Government	Centre for Interdisciplinary Research	2018-2020	45.73	2 Year
11	A strategic introduction of reduced Graphene Oxide (Rgo) in Nickel cobalt Phosphate electrodes to enhance the energy density of asymmetric supercapacitor device. (Feb2020-Feb2022)	Dr. Umakant Patil Co-PI- Prof. C. D. Lokhande	DST-SERB-CRG	Government	Centre for Interdisciplinary Research	2020-2022	21.62	2 Year
12	Polyoxovanadate Intercalated 2D Cobalt-Chromium Layered Double Hydroxide Nanosheets Hybridized with Graphene Oxide as High Energy Density Supercapacitor Electrode”. (Feb2020-Feb2023)	Dr. Jaywant Gunjekar	DST-SERB	Government	Centre for Interdisciplinary Research	2020-2023	23.98	3 Year
13	Asymmetric Solid-State Supercapacitor for Energy Storage. (March 2021-March 2023)	Prof. C. D. Lokhande	SERB-TETRA	Government	Centre for Interdisciplinary Research	2021-2023	30.10	2 Year
14	Quantum dot for cancer detection. (August 2021-August 2023)	Dr. Arpita Pandey Tiwari	My lab Discovery Solutions Pvt.Ltd.	Industry	Centre for Interdisciplinary Research	2021-2023	2.0	2 Year
15	DNA Nanobiosensor for TB Detection.	Dr. Deepak V. Sawant	AICTE, New Delhi.	Government	Dr. D. Y. Patil Medical College Hospital and	2022-2023	5.50	1 Year

[illegible]

