



Deccan Education Society's
Fergusson College
(Autonomous)
Pune

Research projects

Sr. No.	Name of Teacher	Title of Project	Funding Agency	Duration of Project	Amount (Rs.)
1	Dr. Raka Dabhade (Mentor for DST funded women scientist project, (Dr. Prathibha Mane as Principal Investigator)	Studies on Vertical distribution of atmospheric aerosols using Automatic Twilight Photometer	Department of Science and Technology (DST)	3 years	33,00,000.00
2	Dr. Kishor Sonawane	Study of Metal Oxide Thin Film for Gas Sensing Application	Department of Science and Technology – Board of Research in Nuclear Sciences	01/04/2015 to 30/09/2018	32,00,000.00
3	Dr. Kishor Sonawane (PI) Dr. Sunil Kulkarni (Co-PI)	Synthesis of earth abundant, low cost, environmentally harmless Cu_2MSnX_4 (CNTS/Se)-based thin film solar cells	Department of Science and Technology – Board of Research in Nuclear Sciences	Oct 2019- 3 years	34,86,300.00
4	Dr. Ashish Yengantiwar	Synthesis and characterization of Si-based materials for Lithium-ion cells	Indian Space Research Organization ISRO-SPPU cell (JRP) Pune	OCT 2021 to SEPT 2023 2 years	20,10,000.00
5	Dr. Ashish Yengantiwar	Perovskite-Oxides materials for efficient photo electrochemical water splitting.	UGC-DAE Consortium for Scientific research, Indore (M.P.)	March 2020 to March 2023 3 years	1,35,000.00
6	Dr. Jogita. Pandkar	Bio-assay of Spirogyra the common water bloom algae for its industrial application.	University Grants Commission	2017-2019	4,28,000.00
7	Dr. Priti Aphale	Identification of threats with respect to	Savitribai Phule Pune University	2016-2018	1,50,000.00

		developmental activities of plateaus in western Ghats	(BCUD) Pune		
8	Dr. Ravindrasing Pardeshi	Petrography and Phytolith studies of the Tertiary Formation of Bikaner-Nagaur Basin, Western Rajasthan, India	University Grants Commission	2016-2018	2,70,000.00
9	Dr. Tanuuja Marathe and Dr. Devdutt Upasani	Petrological and geochemical characterisation of the Giant Plagioclase basalt horizon occurring in the areas of south Pune and Satara districts, Maharashtra	Savitribai Phule Pune University (BCUD)	2016-2018	1,30,000.00
10	Dr. Shyam N. Mude and Dr. Shashikant Raut	Fossil calcareous algae from upper Cretaceous to Lower Eocene sediments of Pondicherry basin, South India	Savitribai Phule Pune University (BCUD)	2016-2018	1,40,000.00
11	Dr. Kishor Pendharkar	Study of co-administration of Pentoxifylline with the plant extract <i>Tridax procumbens</i> on the early development of blood vessels in chick embryo	University Grants Commission	2 years 28/01/2015 to 30/07/2017	3,75,000.00