

3.2.4

Number of departments having Research projects funded by government and non-government agencies during the year

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Year	2022-2023
Number	09
Percentage	more than 50%

Sr. No.	Teacher	Title of Project	Department of the Principal Investigator
1	Dr. Pendharkar Girish Bhikanrao	Assessment of potential of multifunctional microbial metabolites in developing smart bandage for treatment of superficial wounds.	Microbiology
2	Mr. Shiram Abhimanyu Shinde	Functionalization of Nitrogen Containing Heterocycles and Aldehyde Derivatives	Chemistry
3	Dr. Ananta Gulab Dhodamani	Hybrids of Doped/undoped MxOy/CNs Nanostructures for Efficient Energy Conversion and Storage Devices	Chemistry
4	Mr. Anil Ramesh Baswat	Studies on Chemically Synthesized Hydrotalcite Nanoparticles and their Application	Chemistry
5	Mr. Pramod Dhondiram Kumbhar	Development of Efficient Adsorbents for Removal of Toxic Materials form Aqueous Solution	Chemistry
6	Dr. Mrs. Manasi Shirish Patil	Identification and Characterization of Bioactive Metabolites From the Fruits of <i>IxoraCoccinea</i>	Botany
7	Mr. Jayant Shankar Kadam	Develop machine learning algorithm to optimize risk return strategies of investment in Forex Market	Computer Science

8	Dr. Kalpana Narayan Patil	Mental Health and Occupational Stress of Lawyers: A Comparative Study	Psychology
9	Prof. (Dr.) Anna Kaka Patil	An Economic Assessment of Tembhu Lift Irrigation Project	Economics
10	Dr. Jyoti Shivajirao Jadhav	A Study of Impact of Covid 19 Lockdown on Economy of Women in Karad Tehsil of Satara District.	Computer Science
11	Dr. Nishigandha P. Bansode	A Study of Labour Welfare Schemes with Reference to Tasawade MIDC in Karad Taluka	Economics
12	Dr. Madake Suraj Bajirao	Structural investigations of iron-based semiconducting nanocrystalline materials.	Physics
13	Dr. Kumbhar Sarita Suresh	Study of structural, morphological and gas sensing properties of spray pyrolysed Nickel-Zink ferrite thin films.	Physics
14	Dr. Pratibha S. Patil	Production of biodegradable plastic as polyhydroxybutyrate (PHB) by using low cost agricultural waste material	Microbiology
15	Dr. Waghmode Ahilya Vitthal	Study of current seaweeds biodiversity assessment from Maharashtra coast	Botany
16	Dr. Vaidehi B. Chopade	Effect of climate factors on isolated of anthracnose disease of custard apple caused by Colletotrichum gloeosporioides	Botany
17	Dr. Naik Babasaheb Pirgounda	Lok sahir vitthal Umam ek Abhyas	Marathi
18	Dr. Pratibha S. Patil	Isolation and characterization of microbial melanin pigment and study of its application	Microbiology
19	Dr. S. G. Parte	Evaluation of antiglycation and antioxidant potential of some medicinal plants	Zoology
20	Prof. Dr. D. D. Namdas	Rhizophore management for sustainable agriculture	Botany
21	Dr. Pisal H. Sunanda	Hydrothermal synthesis of CNT@wo3 nanocomposite as high performance electrode for flexible supercapacitor	Physics