

Diamond Jubilee Research Strengthening Scheme 2022-2023
Final Recommended List

| SR. NO | Name of PI | Dept Name | Faculty | Project Title | Committee Remark | Total Ist Year Sanction | Total 2nd Year Sanction | Total Sanction |
|--------|-------------------------------|--------------------------------|----------------------|--|---|-------------------------|-------------------------|----------------|
| 1 | Dr. S. G. Ghane | Department of Botany | Science & Technology | "Studies on influence of LED (Light-Emitting Diode) light on growth, nutrition and bioactives in selected sprouts, microgreens, and leafy vegetables" | Recommended | ₹ 2,10,000 | ₹ 60,000 | ₹ 2,70,000 |
| 2 | Dr. Pawar Kalyani Babasaheb | Department of Botany | Science & Technology | Evaluation of phytoremediation potential of selected plant species against toxicity of heavy metals | Recommended | ₹ 1,65,000 | ₹ 85,000 | ₹ 2,50,000 |
| 3 | Dr. Vaishali Anandrao Sawant | Department of Technology | Science & Technology | "Metal Organic Frameworks for Photocatalytic Wastewater Remediation" | Recommended | ₹ 2,02,500 | ₹ 2,500 | ₹ 2,05,000 |
| 4 | Mr. Mahesh S. Salunkhe | Department of Technology | Science & Technology | "Development of machine learning model for predicting the compressive strength for mixture of concrete with manufactured sand and supplementary cementitious materials." | Recommended The equipment should be latest & standard company, Co-PI from ML domain may be appointed | ₹ 2,32,500 | ₹ 37,500 | ₹ 2,70,000 |
| 5 | Shri. Chetan Jayprakash Awati | Technology | Science & Technology | "Improving Accuracy of Recommendation System using Deep Learning" | Recommended | ₹ 1,47,000 | ₹ 35,000 | ₹ 1,82,000 |
| 6 | Dr. Urmila Rajendra Pol | Department of Computer Science | Science & Technology | "Development of prediction model for Thyroid Disease Using Machine Learning Techniques" | Recommended | ₹ 1,40,000 | ₹ 40,000 | ₹ 1,80,000 |

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| 7 | Mr. Ganesh S Patil | Department of Technology | Science & Technology | Design and development of PV-Wind-Battery Hybrid Power Generation System for Rural Electrification. | Recommended | ₹ 2,20,000 | ₹ 5,000 | ₹ 2,25,000 |
| 8 | Dr. Shrikant Madan Maske | Department of Electronics | Science & Technology | "Design, Analysis and Development of Control System for Industrial Processes " | Recommended | ₹ 2,55,000 | ₹ 45,000 | ₹ 3,00,000 |
| 9 | Dr. Siddharth Madhukar Lokhande | Department of Food Science & Tecnology | Science & Technology | "Development and Quality Evaluation of Low-calorie Ragi Ladoo using Fructo-oligosaccharide (FOS) as a sugar substitute" | Recommended The Proposal is very novel. It will explore the utilization of ragi (under utilized mellet) for value added healthy Product | ₹ 2,50,000 | ₹ 50,000 | ₹ 3,00,000 |
| 10 | Mr. Pravin Ashok Prabhu | Department of Technology | Science & Technology | "Experimental Investigation of Heat Storage Materials for Thermal Energy Storage Application" | Recommended Useful to the Society | ₹ 1,02,500 | ₹ 52,500 | ₹ 1,55,000 |
| 11 | Dr. Shivaji Babaso Sadle | Department of Technology | Science & Technology | "Nanostructures of MoS2 For Thermoelectric Application" | Recommended | ₹ 2,15,000 | ₹ 55,000 | ₹ 2,70,000 |

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| 12 | Dr. Sachinkumar Balasaheb Patil | Department of Library & Information Science | IDS | "A Study of Research Data Management Practices among the Science and Technology Faculties of Shivaji University, Kolhapur" | Recommended Changes in Objectives: 1. To identify the level of awareness towards the reletion data tools/repostiones etc. anny the faculties for research data management. 4. Combine of objective no. 4 & 5 as : To identify storage devices of data prevation strategies used for research data and its security. 6. To cancel this objective. | ₹ 45,000 | ₹ 45,000 | ₹ 90,000 |
| 13 | Dr. Yuvraj Govinda Jadhav | Department of Library & Information Science | IDS | "A comparative study of Library Automation Software : Koha and SOUL 2.0" | Recommended Changes in Project Tittle : "A Comparative study of Koha and SoUL Library Automation software Packages | ₹ 40,000 | ₹ 40,000 | ₹ 80,000 |
| | | | | | | ₹ 22,24,500 | ₹ 5,52,500 | ₹ 27,77,000 |