

FACULTY OF SCIENCE & TECHNOLOGY

| Sr. No. | Subject | Name of Supervisor | Name of the Ph.D. Scholar | Date of Registration | Research Topic | Date of Awarded | Category |
|-----------------------|------------------|----------------------------|---------------------------------------|----------------------|---|-----------------|----------|
| October – 2023 | | | | | | | |
| 1 | Chemistry | Dr. N. A. Kedar | Mr. Chavan Kamlesh Harichandra | 24/02/2016 | “Study Towards Design, Synthesis and Biological Evaluation of 5 and 6 Membered N, S, O Heterocycles” | 12/10/2023 | Open |
| 2 | Mathematics | Dr. B. D. Karande | Mr. Shinde Santosh Popatrao | 03/10/2013 | “On Some Dynamics Systems of Quadratic Fractional Differential And Integral Equations” | 16/10/2023 | OBC |
| 3 | Computer Science | Dr. Parag Bhalchandra | Mr. Deshmukh Sushant Diwakarrao | 17/04/2019 | “Deep Learning Model for Diagnosis of Selected Critical Diseases” | 17/10/2023 | Open |
| 4 | Zoology | Dr. Sanjay Shamrao Nanware | Mr. Kalyankar Madhav Marotrao | 11/05/2017 | “Studies on Gastrointestinal Helminth Parasites in Domestic Fowl, <i>Gallus Domesticus</i> L.” | 20/10/2023 | Open |
| 5 | Fishery Science | Dr. Kiran S. Shillewar | Mr. Kadtan Nitesh Vilas | 26/04/2019 | “Impact of Temperature, pH and Hardness on Different Life Stages of Neon Tetra, <i>Paracheirodon innesi</i> (MAYERS, 1936)” | 20/10/2023 | OBC |
| 6 | Mathematics | Dr. Arun B. Jadhav | Mr. Deshmukh Ambadas Vinayakrao | 27.04.2019 | “An Approach to Fuzzy Transportation Problem Using Different Ranking Methods” | 28/10/2023 | Open |
| 7 | Physics | Dr. Rajaram S. Mane | Shaikh Zeenat Parveen Mohammed Akhtar | 12.05.2017 | “Asymmetric Nanocomposite Supercapacitors: Synthesis, Fabrication and Electrochemical Properties” | 28/10/2023 | Open |
| 8 | Physics | Dr. Rajaram S. Mane | Mr. Narwade Sandesh Hari | 26.04.2019 | “Metal oxide-sulfide nanostructures for gas sensor, supercapacitor and catalysis applications” | 28/10/2023 | SC |

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| November – 2023 | | | | | | | |
| 1 | Physics | Dr. Arvind V. Sarode | Ms. Kabara Komal Badriprasadji | 12/07/2021 | “Study of Structural and Dynamical Properties of Some Polymers and Biomolecules” | 02/11/2023 | Open |
| 2 | Microbiology | Dr. Mrs. A. P. Pathak | Mr. Joshi Vikas Balasaheb | 11/05/2017 | “Assessment of Cultivable Halophilic diversity and commercially important Biomolecules from western coastal Mangrove Vegetation” | 06/11/2023 | Open |
| 3 | Biotechnology | Dr. M.M.V. Baig | Mrs. Vaishali Nitin Wadekar | 25/04/2019 | “Antioxidant, Anti-inflammatory and Radioprotective Potential of Phycocyanin from Spirulina platensis” | 07/11/2023 | Open |
| 4 | Computer Science & Engineering | Dr. D. D. Doye | Ms. Lomte Vina Madhavrao | 28/04/2016 | “Devnagari Text Recognition” | 08/11/2023 | Open |
| 5 | Physics | Dr. Vishwanath D. Mote | Mr. Kathawate Lahu Hanmantrao | 26/04/2019 | “Deposition of In and Al-doped ZnO Thin Films by Spray Pyrolysis Technique and Their Characterization” | 08/11/2023 | SC |
| 6 | Electronics & Telecommunication Engineering | Dr. R. S. Holambe Dr. L. M. Waghmare | Mr. Patil Parmeshwar Shyamsundar | 27/04/2019 | “Satellite Image Analysis for Land Use- Land Cover Applications” | 09/11/2023 | OBC |
| 7 | Biotechnology | Dr. M.M.V. Baig | Mr. Nage Nitin Bhimrao | 25/04/2019 | “Design And Development of Broad-Spectrum Antimicrobial Peptides As Topical Agent” | 21/11/2023 | NT |
| 8 | Instrumentation Engineering | Dr. B. M. Patre | Mr. Nerkar Sachin Suresh | 27/04/2019 | “Some Studies on Uncertainty and Disturbance Estimation Based Techniques for Control System Applications” | 25/11/2023 | Open |
| 9 | Instrumentation Engineering | Dr. R. H. Chile | Mr. Desai Ranvir Jayprakash | 14/09/2017 | “Design of Power Distribution Control and Stochastic Observers for Flux Mapping for Advanced Heavy Water Reactor” | 25/11/2023 | Open |
| 10 | Pharmacy | Dr. Surendra G. Gattani | Mr. Kushare Sachin Shivaji | 09/11/2011 | “Investigation of Novel Multifunctional Pharmaceutical Excipients” | 30/11/2023 | Open |