PhD Current Scholar Details (May 2026)

Dept.	Sr. No.	Name of Scholar	Supervisor	Title of Research Work	Date of Registration
Civil	1	Mr. Akash Avinash Kaley	Dr. S.R. Khandeshwar	"Quality Assessment of Water and soil due to pollution caused by thermal power plants"	22.03.2022
Civil	2	Ms. Ekta Dhande	Dr. S.R. Khandeshwar	"Devlopment and Performance Evaluation of Phytoremediation system for the treatment of waste Water"	22.03.2022
Civil	3	Ms. Radhika Suresh Thakre	Dr. U. P. Waghe	"Development of Geotechnical risk Evaluation framework for Transportaion Projects"	22.03.2022
Civil	4	Prof. Vivek Dnyandeo Jayale	Dr. A. V. Patil	Development of effective prediciton techniquess for condition assessment of concrete structures	22.03.2022
Civil	5	Prof. Ms. Pallavi Shalikram Chakole (Bankar)	Dr. A.R. Gajbhiye	Development of Modified Media in Rotating Bioiogical Contactor (RBC) for Treatment	22.03.2022
Civil	6	Ms. Snehal Karunkumar Kamble (Patankar)	Dr. A.R. Gajbhiye	Development and Analysis of value added products by using sewage sludge for sustainability	22.03.2022
Civil	7	Mr. Sanket Gajanan Kalamkar	Dr. S. P. Raut	Design and Development of Improved Pervious Concrete	22.03.2022
Civil	8	Mr. Yogesh Prabhakar Kherde	Dr. U. P. Waghe	Infrastructure risk assessment of High Speed Rail Alignments	22.03.2022
Civil	9	Mr. Sagar Wasudeo Dhengare	Dr. U. P. Waghe	Performance Evaluation of Quaternary Concrete by using Sugarcane Bagasse ash, Copper Slag and Hatchery Waste	24.08.2023

Civil	10	Mr. Nikhil vinayak Deshmukh	Dr. S. P. Raut	Development Of Phase Change Concrete Panel Using Agro-Industrial Wastes	04.01.2023
Civil	11	Chandrashekhar P. Joshi	Dr. S.P.Raut	Experimental Investigation on FRP Bars used in Reinforced Concrete	26.07.2023
Civil	12	Mohammad Shahid Arshad	Dr. Khalid Ansari	Development of biochar using tender coconut waste to remove industrial dye	28.02.2024
Civil	13	Shashwat Ram Nibudey	Dr. Khalid Ansari	Developement of Concrete Using Different Industrial Waste Materials	31.05.2023
Civil	14	Rohit P. Deshmukh	Dr. Khalid Ansari	Development of Microalgae-Mediated Bioremediation Adsorbent to remove Heavy Metals in Wastewater	28.02.2024
Mechanical	1	Narendra Giradkar	Dr.Jayant Giri	Process Parameter Optimization for Drying of Agricultural Products in a Fixed Bed Drier	24.03.2022
Mechanical	2	Vivek Korde	Dr.Jayant Giri	- Experimental Investigations on Fluidized Bed Drying of Agricultural Products	25.03.2022
Mechanical	3	M Sharique Tufail	Dr.Jayant Giri	Experimental investigation for process parameter optimization of broken tap removal using EDM.	25.03.2022
Mechanical	4	Ajinkya Edlabadkar	Dr.Sharad Chaudhari	Experimental Investigation on flow of molten metal of Sand-Casting Process for Optimal Performance, to Minimize Defects and Quality Improvement	25.03.2022
Mechanical	5	Om Urkande	Dr.Sharad Chaudhari	Structural modification through topological optimization of prosthetic knee implant	23.01.2024
Mechanical	6	Sushil Lanjewar	Dr.Sandip Khedkar	Design Optimization and Experimental Analysis of Intelligent weeding robot for Cotton Plantation using Machine Learning	23.01.2024
Mechanical	7	Lokesh Kamde	Dr.Sandip Khedkar	Design and experimental analysis of intelligent system for avoiding man versus wild animal conflict in agricultural and forest applications using AIML	29.02.2024
Electrical	1	Ms. T. D. Tembhekar	Dr. Mrs. S. P. Adhau	Implement and Performance Improvement of Loaded Distributed Energy System	16-03-2022

Electrical	2	Mr. V. R. Doifode	Dr. Mrs. S. P. Adhau	Design and Analysis of Solar Powered Pumped Storage Hydro Power Plant	16-03-2022
Electrical	3	Mrs. Xma R. Pote	Dr. Mrs. S. P. Adhau	Performance improvement with economic operation of grid connected solar PV system	16-03-2022
Electrical	4	Mr. P. S. Shete	Dr. R. M. Moharil	Investigations, and Analysis of Power-Sharing, and Effective Control of Energy Storage Devices In DC Microgrid	16-03-2022
Electrical	5	Mr. P. S. Patil	Dr. R. M. Moharil	Investigation and analysis of protection issues pertaining to solar PV grid connected system	16-03-2022
Electrical	6	Mr. Bharat Sudame	Dr. S.G. Kadwane	Enhancement of Dynamic Performance of DC Link Capacitor Voltage in distributed generators with the application of sliding mode control	16-03-2022
Electrical	7	Ms. Jyoti Kumbhare	Dr. S.G. Kadwane	Development of Off Board V2V Charger for Electric Vehicle	16-03-2022
Electrical	8	Ms. Nikita Malewar	Dr. S.G. Kadwane	Design and Development of Active Islanding Method for distributed generation System	16-03-2022
Electrical	9	Mr. Asif L. Jamadar	Dr. P. M. Meshram	Performance Enhancement of SEPIC Based Multilevel DC to DC Converter with Model Predictive Control	16-03-2022
Electrical	10	Mr. Chetan D. Patil	Dr. P. M. Meshram	Application of Electric Spring to Improve Performance of PV System during grid connected and off grid	16-03-2022
Electrical	11	Ms. Shweta Laxminarayan Tiwari	Dr. P. M. Meshram	Fault Diagnosis and Fault Tolerant of IGBT Failures in Modular Multilevel Converter (MMC	20-12-2023
Electrical	12	Mr. Prasad Joshi	Dr. B. Y. Bagde	Two Stage grid connected solar photovoltaic system performance analysis to enhance power quality	20-12-2023

Electrical	13	Gaurav Gondhalekar	Dr. B. Y. Bagde	AI Based Approach for Performance Enhancement of Grid Connected Microgrid	20.02.2024
Electrical	14	Mohammad Waseem Akram	Dr. S. G. Kadwane	Fractional Order Sliding Mode Control for Enhanced Performance of Electric Vehicle Drives	08.06.2024
Electrical	15	Sujata Alone	Dr. S.R. Gaigowal	Analysis of Solar Photovoltaic Inverter as PV STATCOM to Improve the Power Quality in Distribution System	20.02.2024
Electrical	16	Vishant Giridhar Naik	Dr. S.R. Gaigowal	Coordinated Control of SVC and SSSC for Enhancing Voltage Stability in Power System.	8.06.2024
Electronics	1	Kuldeep Gangadhar Pande	Dr. P.T Karule	Design of Floating Point Arithmetic Compuational Units for Non Linear Applications	3.19.2022
Electronics	2	Atish Ashok Peshattiwar	Dr. A.S.khobargade	Design an Algorithm for Performance Analysis of Polar Codes for 5G Communication System	3.19.2022
Electronics	3	Abhinav Ashokrao Parkhi	Dr. A.S.khobargade	Design and Implementation of Deep Learning Achitecture for Person Re-Identification Based on Embedded Cluster Analysis	3.19.2022
Electronics	4	Pradnya Atmaram Jadhav	Dr. D.B. Bhoyar	Design and Development of efficient algorithm for security of vehicular Ad.hoc Network .	3.19.2022
Electronics	5	Poonam Ramesh Chaudhari	Dr. R.D. Thakare	Performance Optimization of Solar Power Plant by Temperature Tracking using Embedded System	3.19.2022
Electronics	6	Hitesh Suresh Gehani	Dr.S.V.Rathakanthiwar	Security & QOS Enhancement of IOT system Using Computational Intelligence and Side Chaining	3.19.2022
Electronics	7	Mrs. Sujata Chiwande	Dr.P.K. Dhakole	Design of Reversible Logic Circuits for Optimized Power and Speed Applicaton	3.21.2022
Electronics	8	Mr. Aniket Gokhale	Dr.P.K. Dhakole	Video Object Tracking using Frame Histogram and Segmentation	3.21.2022

Electronics	9	Vilas Diwakarrao Alagdeve	Dr. P.T Karule	Design and Analysis of Stock Market Prediction Modelling Using Recurrent Neural Network and Machine Learning	3.21.2022
Electronics	10	Mr. Sachin Kawalkar	Dr. D.B. Bhoyar	An Analysis and Development of Algorithm for Securing Complex Cloud networks	3.19.2022
Electronics	11	Mrs. Anagha Choudhari	Dr. D.B. Bhoyar	Design & Development Of Efficient Soil Nutrient Electronic System For Indian Crops	21.3.2022
Electronics	12	Mr. Sandip Desai	Dr.M.M.Mushrif	Brain MRI image analysis for tumor detection and its classification using machine learning .	21.3.2022
Electronics	13	Swati Krishnarao Mohod	Dr. R.D. Thakare	An Identification and classification of images for predictive diagnosis of brain diseases	3.21.2022
Electronics	14	Abhishek Arun Madankar	Dr. A.S.khobargade	Improving the Channel Charecterstics of Mili-Meter Wave Communications Using Machine Learning Algorithms	3.21.2022
Electronics	15	Ms. Mohsina Anjum	Dr.Y.A. suravanshi	Voice analysis for detection of neorological diseases using machine learning	26.05.2023
Electronics	16	Ms. Swati Nitnaware	Dr. A.S.khobargade	Deep Learning Models for Seizure Prediction Using Electroencephalogram Data	8.22.2023
Electronics	17	Ms. Vaishali Niranjane	Dr. A.S.khobargade	ResNet based Channel estimation for mmWave Massive MIMO Systems	8.24.2023
Electronics	18	Ms. Kanchan Kamble	Dr.S.S.khade	Performance Optimization of Fractal Antenna with Multi-resonance	8.22.2023
Electronics	19	Ms. Shraddha Sangewar(Gugulu)	Dr. D.B. Bhoyar	Design of an Electronic Glass System to Support Visually Impaired Persons	18.9.2023
Electronics	20	Mr. Bhupendra Deshmukh	Dr. Y. K. Dubey	CROP LEAVES CHLOROPHYLL Estimation And Predictive Analysis Using Machine Learning	18.9.2023
Electronics	21	Mr. Rahul Kamdi	Dr. A.S.khobargade	Performance Optimization of Spatially Coupled Low - Density Parity-Cheek (SC-LDPC) Codes for Fixed Window Size	11.18.2024

Electronics	22	PRACHI GAWANDE	Dr. Y. K. Dubey	Secured Learning Framework for wearable device in healthcare applications	26.02.2024
Electronics	23	AMIT HANSDAS BHOYAR	Dr. Y. K. Dubey	Advanced Fault Tolerance Analysis And Design Of Re-Configurable On Board Data Handling System For Space Applications	29.02.2024
Electronics	24	PANCHBUDHE NILESH SURESH	Dr. R.D. Thakare	Early Detection of Mandarin Leaf Diseases for Mandarin Fruit Quality Prediction	08.02.2024
Electronics	25	Sumedh Jadhav	Dr. M.D. Chawhan	Development of Fault-Tolerance in Routing techniques for Mobile Ad Hoc Network	26.02.2024
Computer	1	Rupa Fadnavis	Dr. Manali. M .Kshirsagar	Design and Development of Machine Learning Techniques for Personalized Medicine	17.03.2022
Computer	2	Aditya Kanetkar	Dr. Manali. M .Kshirsagar	Securing Private data on Cloud using provably secure encryption - decryption techniques	17.03.2022
Computer	3	Sushma Balaji Adsul	Dr. Kishor K. Bhoyar	Design and Implementation of Machine Learning models for diagnosis of chronic diseases	17.03.2022
Computer	4	Amruta Paul	Dr. Lalit Damahe	Recognizing and Correcting Yoga Poses using Computer Vision	31.10.2023
Computer	5	Pratibha Waghale	Dr. Lalit Damahe	Design and Development of Techniques for Camouflage Object Detection using Computer Vision	31.10.2023
Computer	6	Shilpa Dhopte	Dr. Lalit Damahe	Food Recognition and Calorie Estimation using Computer Vision for Dietary Assessment	31.10.2023
Computer	7	Abhay Yeole	Dr. Rajesh Dharmik	Design ensemble of Machine Learning and Deep Learning Techniques for classification of X-ray Images	01.09.2023

Computer	8	Mayuri P. Bamnote	Dr. Kishor K. Bhoyar	Design and Development of Machine learning approaches for document image forgery detection and localization	6.05.2023
Computer	9	Lata Tembhare	Dr. Manali. M .Kshirsagar	Risk analysis of COVID-19 survivors health using machine learning	01.09.2023
Computer	10	Krupali R. Dhawale	Dr. A.R.Bhagat Patil	Development and Performance Enhancement of Machine Learning Based Approaches for Detection of Skin Diseases	21.09.2023
Computer	11	Pragati Pachghare	Dr. Ujwalla Gawande	Throat cancer detection using machine learning techniques	01.09.2023
Computer	12	Rinku Hadke	Dr. Ujwalla Gawande	Integrative Multivariate multimodal approach for extreme weather prediction using machine learning.	28.02.2024
Computer	13	Rashmi Wadibhasme (Bhat)	Dr. Kishor K. Bhoyar	Application of Machine Learning to Development of Personalized Homeopathic Treatment	27.02.2024
Computer	14	Jagdish R. Yadav	Dr. Rajesh Dharmik	Design and implementation of Hand-Coded Rule Techniques for Mathematical Information Retrieval	27.02.2024
Computer	15	Prachi Dussawar	Dr. Kavita Singh	Design and Development of smart contracts with enhanced consensus mechanism for interoperability in block chain	27.02.2024
Computer	16	Kiran R. Gavhale	Dr. Ujwalla Gawande	EmoRecs: Personalized Activity Recommendation System Based on Multimodal Emotion Detection using facial expression and voice modulation	05.06.2024
Computer	17	Rasika Rewatkar	Dr. A.R.Bhagat Patil	A development and performance evaluation of various approaches to predict the occurrence of colorectal cancer using data analysis for enhanced diagnosis and prognosis.	18.09.2023

Computer	18	Minakshi Ramteke	Dr. Manali. M .Kshirsagar	Generating high quality synthetic data of oral cancer using GANs for enhancing textual pattern.	21.09.2023