

PhD Enrollment in Research Centres

Sr. No.	Department	Total Seats	NO. OF RESEARCH SCHOLARS
1.	Electrical Engineering (Electronics and Power)	20	11
2.	Electronics and Telecommunication Engineering	20	09
3.	Mechanical Engineering	20	08
4.	Computer Science and Engineering	05	05
5.	Master in Business Administration	04	03

Name of the Department: Electrical Engineering (Electronics and Power)

Sr. No.	Name of the Supervisor	Name of the Research Scholar	Registration No.	Topic	Status Pursuing/ Submitted
1.	Dr. S. R. Paraskar	Mr. P. R. Bharambe	SGBAU/Ph.D./Electrical Engg./91/2020 w.e.f. 01/09/2019	DEVELOPMENT OF NEW ALGORITHM FOR DISCRIMINATION BETWEEN INRUSH CURRENT AND FAULT CURRENT OF THE TRANSFORMER USING SOFT COMPUTING TECHNIQUES	Pursuing
2.		Mr. G. N. Bonde	SGBAU/Ph.D./Electrical Engg./1193/2022 w.e.f. 01/09/2020	DETECTION AND CLASSIFICATION OF UNDERLYING CAUSES OF POWER QUALITY DISTURBANCES USING SIGNAL PROCESSING AND SOFT COMPUTING TECHNIQUE	Pursuing
3.		Mr. P. R. Dhabe	SGBAU/Ph.D./Electrical Engg./1196/2022 w.e.f. 01/09/2021	DEVELOPMENT OF IMPROVED ALGORITHM FOR BATTERY MANAGEMENT SYSTEM OF ELECTRIC VEHICLE	Pursuing
4.		Mr. T. M. Dhande	SGBAU/Ph.D./Electrical Engg./93/2020 w.e.f. 01/09/2019	OPTIMAL PLACEMENT OF BATTERY ENERGY STORAGE SYSTEM IN DISTRIBUTION NETWORK FOR IMPROVEMENT OF RELIABILITY AND POWER QUALITY	Pursuing
5.		Mr. T. S. Pinjari	SGBAU/Ph.D./Electrical Engg./1194/2022 w.e.f. 01/09/2020	IMPACT ASSESSMENT OF ELECTRIC VEHICLE CHARGING ON DISTRIBUTION NETWORK	Pursuing

6.		Mr. R. S. Kankale	SGBAU/Ph.D./Electrical Engg./94/2020 w.e.f. 01/09/2019	DETECTION AND CLASSIFICATION OF POWER QUALITY DISTURBANCES IN EMERGING POWER SYSTEM WITH DISTRIBUTED GENERATION	Completed
7.		Mr. K. N. Sawalakhe	SGBAU/Ph.D./Electrical Engg./1195/2022 w.e.f. 01/09/2021	DESIGN AND DEVELOPMENT OF IMPROVED CONTROLLER FOR CUK CONVERTER	Pursuing
8.	Dr. A. U. Jawadekar	Mr. M. R. Chavan	SGBAU/Ph.D./Electrical Engg./92/2020 w.e.f. 01/09/2019	INDUCTION MOTOR FAULT DIAGNOSIS USING SIGNAL PROCESSING AND SOFT COMPUTING TECHNIQUES	Pursuing
9.		Mr. G. G. Akotkar	SGBAU/Ph.D./Electrical Engg./1420/2022 w.e.f. 01/09/2020	FAULT DIAGNOSIS OF POWER TRANSFORMER USING MACHINE LEARNING TECHNIQUES	Pursuing
10.		Mr. M. A. Bagde	SGBAU/Ph.D./Electrical Engg./1421/2022 w.e.f. 01/09/2021	DEVELOPMENT OF DIFFERENT CONTROL STRATEGIES FOR HYBRID ENERGY STORAGE SYSTEMS IN ELECTRIC VEHICLES	Pursuing
11.		Ms. Samiksha Shahade	SGBAU/Ph.D./Elect Engg./2407/2023 w.e.f. 01/09/2022	MACHINE LEARNING BASED ISLANDING DETECTION FOR DISTRIBUTED GENERATION SYSTEMS	Pursuing

Name of the Department: Electronics and Telecommunication Engineering

Sr. No.	Name of the Supervisor	Name of the Research Scholar	Registration No.	Topic	Status Pursuing/ Submitted
1.	Dr. M. N. Tibdewal	Mr. N. B. Bhawarkar	SGBAU/Ph.D./Etc. Engg./960/2021 w.e.f. 01/09/2019	DESIGN AND DEVELOPMENT IO T BASED SMART FARM – DATA COLLECTION USING WSN	Pursuing
2.		Mr. C. K. Beral	SGBAU/Ph.D./Elec & Tele. Engg. /3122 /2023 w.e.f. 01/09/2022	PRIORITY BASED CONGESTION CONTROLLING MECHANISM FOR WIRELESS SENSOR NETWORK TO HEALTHCARE SYSTEM	Pursuing
3.	Dr. K. B. Khanchandani	Mr. V. P. Patil	SGBAU/Ph.D./Etc. Engg./957/2021 w.e.f. 01/09/2019	DESIGN DEVELOPMENT AND PERFORMANCE EVALUATION OF ALGORITHMS FOR PREDICTION AND DIAGNOSIS OF CARDIOVASCULAR DISEASES	Pursuing
4.		Mr. Swapnil Badar	SGBAU/Ph.D./Etc. Engg./958/2021 w.e.f. 01/09/2019	DESIGN, DEVELOPMENT AND PERFORMANCE EVALUATION OF POLAR CODE DECODER FOR WIRELESS APPLICATIONS	Thesis Submitted
5.	Dr. R. S. Dhekekar	Mr. G. S. Khedkar	SGBAU/Ph.D./Electro. Engg./1945/2022 w.e.f. 01/09/2020	DEVELOPMENT AND ANALYSIS OF AI CONTROL TECHNIQUES FOR POWER CONVERTERS	Pursuing
6.		Mr. K. T. Kahar	SGBAU/Ph.D./Etc. Engg./959/2021 w.e.f. 01/09/2019	DESIGN PERFORMANCE OPTIMIZATION OF MICRO ELECTRO MECHANICAL SYSTEM(MEMS) BASED ENERGY SCAVENGER FOR LOW POWER APPLICATIONS	Completed

7.	Dr. S. B. Patil	Mr. P. D. Kale	SGBAU/Ph.D./Etc. Engg./961/2021 w.e.f. 01/09/2019	DESIGN, DEVELOPMENT AND PERFORMANCE ANALYSIS OF MULTIBAND MICROSTRIP PLANAR PATCH ANTENNA (MMPPA) FOR VARIOUS WIRELESS APPLICATIONS	Pursuing
8.	Dr. D. D. Nawgaje	Mr. R. G. Mundada	SGBAU/Ph.D./Electro. Engg./1946/2022 w.e.f. 01/09/2020	DIAGNOSIS OF OCULAR DISEASES BY USING DEEP LEARNING ALGORITHMS	Thesis Submitted
9.	Dr. D. P. Tulaskar	Mr. Mr Shashank P. Zade	SGBAU/Ph.D./Elect. & Tele Commu. Engg./3612/2024 w.e.f. 01/09/2023	DESIGN AND OPTIMIZATION OF LOW NOISE AMPLIFIER FOR MULTISTANDARD RECEIVERS	Pursuing

Name of the Department: Mechanical Engineering

Sr. No.	Name of the Supervisor	Name of the Research Scholar	Registration No.	Topic	Status Pursuing/ Submitted
1.	Dr. S. S. Deshmukh	Mr. Nitin B. Borkar	SGBAU/Ph.D./Mech. Engg./765/2022 w.e.f. 01/09/2022	QUALITATIVE ANALYSIS AND OPTIMIZATION OF FRICTION STIR WELDING OF ALUMINIUM ALLOYS	Pursuing (Re-registration)
2.	Dr. S. P. Trikal	Mr. K. D. Gadgil	SGBAU/Ph.D./Mech. Engg./109/2020 w.e.f. 01/09/2019	EXPERIMENTATION AND SIMULATION OF EARTHEN TUBES FOR HEAT TRANSFER OPTIMIZATION USING DIFFERENT DIMPLE GEOMETRIES	Pursuing
3.		Mr. A. S. Bharule	SGBAU/Ph.D./Mech. Engg./1932/2022 w.e.f. 01/09/2020	IMPLEMENTATION OF CREATIVE PROBLEM-SOLVING TECHNIQUES TO OVERCOME COMPLEX DESIGN SITUATIONS IN ADDITIVE MANUFACTURING SYSTEM	Pursuing
4.		Mr. Nitin Metange	SGBAU/Ph.D./MECH/7337/2015 w.e.f. 15.01.2015	DESIGN AND DEVELOPMENT OF RACK AND PINION PANATORY MECHANISM TO IMPROVE MORTION TRANSFER EFFICIENCY	Pursuing (Re-registration)
5.		Mr. Y. J. Biyani	SGBAU/Ph.D./Mech. Engg./2122/2023 w.e.f. 01/09/2022	DESIGN AND DEVELOPMENT OF LOW-COST AIR CONDITIONING FOR AGRO BASED INDUSTRIES	Pursuing

6.		Mr. C. V. Patil	SGBAU/Ph.D./Mech. Engg./3251/2024 w.e.f. 01/09/2023	ESTIMATION OF OPTIMUM MACHINING PARAMETER USING ARTIFICIAL INTELLIGENCE ALGORITHM	Pursuing
7.	Dr. A. M. Mahalle	Mr. A. M. Taley	-	AUGMENTATION OF PERFORMANCE OF SOLAR POWER AIR CONDITIONING SYSTEM USING POROUS TYPE SOLAR AIR HEATER	Pursuing
8.	Dr. Vivek Sunnapwar	Mr. Santosh Wankhade	-	A STUDY AND ANALYSIS OF THERMAL AND ELECTRICAL PROPERTIES OF ALUMINA: INVESTIGATION OF IMPROVEMENT IN FUNCTIONALITY OF SOME PRODUCTS BY USING NANOPARTICLES	Pursuing

Name of the Department: Computer Science and Engineering

Sr. No.	Name of the Supervisor	Name of the Research Scholar	Registration No.	Topic	Status Pursuing/ Submitted
1.	Dr. N. M. Kandoi	Mr. A. G. Sharma	SGBAU/Ph.D./Comp Sci & Engg./2106/2022 w.e.f. 01/09/2021	DESIGN AND DEVELOPMENT OF LUNG CANCER PREDICTION MODEL USING DEEP LEARNING	Pursuing
2.		Ms. P. V. Kale	SGBAU/Ph.D./Comp Sci & Engg./2105/2022 w.e.f. 01/09/2021	DESIGN AND DEVELOPMENT OF ADAPTIVE LIVER TUMOUR DETECTION SYSTEM USING	Pursuing
3.		Mr. V. S. Mahalle	SGBAU/Ph.D./Comp Sci & Engg./2107/2022 w.e.f. 01/09/2021	DESIGN AND DEVELOPMENT OF INTERACTIVE CONTENT AWARE IMAGE RETRIEVAL SYSTEM BASED ON FEATURE EXTRACTION USING MACHINE LEARNING APPROACH	Pursuing
4.		Mr. F. I. Khandwani	SGBAU/Ph.D./Comp Sci & Engg./2892/2023 w.e.f. 01/09/2022	DESIGN AND IMPLEMENTATION OF A FOOD RECOMMENDATION SYSTEM FOR PRESCHOOLERS BASED ON A DATA MINING	Pursuing
5.		Mr. S. S. Muddalkar	SGBAU/Ph.D./Computer Sci & Engg./2891/2023 w.e.f. 01/09/2022	DESIGN AND DEVELOPMENT OF A DIET PLANNER TO IMPROVE FERTILITY HEALTH FACTORS IN MALES USING MACHINE LEARNING	Pursuing

Name of the Department: Master in Business Administration

Sr. No.	Name of the Supervisor	Name of the Research Scholar	Registration No.	Topic	Status Pursuing/ Submitted
1.	Dr. L. B. Deshmukh	Mr. V. K. Sali	SGBAU/Ph.D./Busi. Mgt./3316/2024 w.e.f. 01/09/2023	A STUDY OF EFFECTS OF LEADERSHIP STYLE ON ORGANIZATIONAL PERFORMANCE IN SMALL SCALE INDUSTRIES OF	Pursuing
2.		Mr. V. J. Mihani	SGBAU/Ph.D./Busi. Mgt./3317/2024 w.e.f. 01/09/2023	EMPOWERING RURAL NATIVES OF INDIA: A COMPREHENSIVE STUDY OF CATTLE FARMING ENTREPRENEURSHIP MODULE FOR SOCIO-ECONOMIC DEVELOPMENT OF VIDARBHA REGION	Pursuing
3.		Ms. Anagha N. Tayade	SGBAU/Ph.D./Busi. Mgt./3315/2024 w.e.f. 01/09/2023	EMOTIONAL INTELLIGENCE IN ENGINEERING AND COMMERCE STUDENTS-"A COMPARATIVE	Pursuing