

**The College is a Research Centre for Ph.D. Work and the following Laboratories are  
Recognized by Sant Gadge Baba Amravati University, Amravati**

**Electrical Engineering (Electronics and Power)**

Name of the Supervisor	Name of the Research Scholar	Topic Registered for Ph.D.
Dr. S. R. Paraskar	1 Mr. P. R. Bharambe	Development of new algorithm for discrimination between inrush current and fault current of the transformer using soft computing techniques
	2 Mr. G. N. Bonde	Detection and classification of underlying causes of power quality disturbances using signal processing and soft computing technique
	3 Mr. P. R. Dhabe	Development of improved algorithm for battery management system of electric vehicle
	4 Mr. T. M. Dhande	Optimal placement of battery energy storage system in distribution network for improvement of reliability and power quality
	5 Mr. T. S. Pinjari	Impact assessment of electric vehicle charging on distribution network
	6 Mr. R. S. Kankale	Detection and classification of power quality disturbance in emerging power system with distributed generation
	7 Mr. K. N. Sawalakhe	Design And Development Of Imp[roved Controller For CUK Converter
Dr. A. U. Jawadekar	8 Mr. M. R. Chavan	Induction motor fault diagnosis using signal processing and soft computing techniques
	9 Mr. G. G. Akotkar	Fault diagnosis of power transformer using machine learning techniques
	10 Mr. M. A. Bagde	Development Of Different Control Strategies For Hybrid energy Storage Systems In Electric Vehicles
	11 Ms. Samiksha Shahade	Registered for SGBAU Course Work
Dr. V. N. Gohokar	12 Mrs. Anjali Purohit	Distance protection of transmission lines equipped with series compensation capacitors
	13 Mr. K. K. Rajput	Optimal bayes fault diagnosis of induction motor

## Electronics and Telecommunication Engineering

Name of the Supervisor	Name of the Research Scholar	Topic Registered for Ph.D.
Dr. M. N. Tibdewal	1 Mr. N. B. Bhawarkar	Design and development iot based smart farm data collection using wsn
Dr. K. B. Khanchandani	2 Mr. V. P. Patil	Design development and performance evaluation of algorithms for prediction and diagnosis of cardiovascular diseases
	3 Mr. Swapnil Badar	Design development and performance evaluation of polar code decoder for wireless applications
	4 Mr. C. K. Beral	Registered for SGBAU Course Work
Dr. R. S. Dhekekar	5 Mr. G. S. Khedkar	Development and analysis of ai control techniques for power converters
	6 Mr. K. T. Kahar	Design And Performance Optimization of Micro Electro Mechanical System (MEMS) Based Energy Scavenger For Low Power Applications
	7 Mr. A. P. Dhande	Registered for SGBAU Course Work
Dr. S. B. Patil	8 Mr. P. D. Kale	Design, Development And Performance Analysis Of Multiband micro strip Planar Patch Antenna (MMPPA) For Various Wireless Applications
Dr. D. D. Nawgaje	9 Mr. R. G. Mundada	Dignosis of Ocular Diseases By Using Deep Learning Algorithms.
Dr. V. V. Gohokar	10 Ms. Archana Ahir	Design of robust system using visual analysis for driver alertness monitoring

## Mechanical Engineering

Name of the Supervisor	Name of the Research Scholar	Topic Registered for Ph.D.
Dr. S. S. Deshmukh	1 Mr. Nitin B. Borkar	Qualitative Analysis & Parametric Optimization of Friction Stir Welding
Dr. S. P. Trikal	2 Mr. K. D. Gadgil	Experimentation And Simulation Of Earthen Tubes For Hear Transfer Optimization Using Different Dimple Geometries
	3 Mr. A. S. Bharule	Implementation Of Creative Problem Solving Techniques To Overcome Complex Design Situations In Additive Manufacturing Systems
	4 Mr. Nitin Metange	Design and development of rack and pinion planetary mechanism to improve motion transfer efficiency
	5 Mr. Y. J. Biyani	Registered for SGBAU Course Work
	6 Mr. C. V. Patil	Registered for SGBAU Course Work
Dr.A. M. Mahalle	7 Mr. A. M. Taley	Augmentation of performance of solar power air conditioning system using porous type solar air heater
Dr. Vivek Sunnapwar	8 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

## Computer Science and Engineering

Name of the Supervisor	Name of the Research Scholar	Topic Registered for Ph.D.
Dr. N. M. Kandoi	1 Mr. A. G. Sharma	Design and Development of Lung Cancer Prediction Model Using Deep Learning
	2 Ms. P. V. Kale	Design and Development of Adaptive Liver Tumor Detection System Using Machine Learning
	3 Mr. V. S. Mahalle	Design and Development of Interactive Content Aware Image Retrieval System Based on Feature Extraction Using Machine Learning Approach
	4 Mr. F. I. Khandwani	Registered for SGBAU Course Work
	5 Mr. S. P. Muddalkar	Registered for SGBAU Course Work

## Master in Business Administration

Name of the Supervisor	Name of the Research Scholar	Registered for Ph.D.
Dr. L. B. Deshmukh	1 Mr. V. K. Sali	Registered for SGBAU Course Work
	2 Mr. V. J. Mihani	Registered for SGBAU Course Work
	3 Ms. Anagha N. Tayade	Registered for SGBAU Course Work
	4 Mr. Vishal V. Patil	Registered for SGBAU Course Work