

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Details of Ph.D. Research Scholars List Registered with the Department

Sl. No.	Name	Title of the Thesis/Area of Research	Guide/Co-guide	On Going / Submitted
1.	Ms. Nivedita Chaudhary	Simulation of Biochemical Pathway and Automated Classification of Neurodegenerative Diseases	Dr. R. K. Sinha	Submitted
2.	Mr. Pankaj Mishra	Development of Pricing Mechanism and Generation Scheduling for Indian Power Market	Dr. T. Ghose	On Going
3.	Mr. Surendra Kumar	Brain Signal Analysis in Alcoholism	Dr. R. K. Sinha & Dr. S. Ghosh	Submitted
4.	Mr. Arun Kumar Dwivedi	Lightening Impact on Satellite Signal Propagation	Dr. Sanjay Kumar & Dr. Manoj Kumar	Submitted
5.	Ms. Madhwi Kumari	A Study on Some Aspects of Hybrid Electric Vehicles	Dr. P. R. Thakura & Dr. D. N. Bhadodkar	On Going
6.	Mr. Nishant Singh	Electrooculogram and Brain Wave Assisted Brain-Computer Interface	Dr. R. K. Sinha	Submitted
7.	Mr. Mayank Singh	Impact Assessment of Demand Side Management using Network Mapping	Dr. R. C. Jha	On Going
8.	Mr. Prem Prakash	Smart Grid-Concept, Operation and Challenges	Dr. R. C. Jha	On Going
9.	Mr. Gauri Shanker Gupta	Design of Multi Class Man-Machine Interface	Dr. R. K. Sinha & Dr. S. Ghosh	On Going
10.	Mr. Piyush Kumar Ojha	Solar Based Hybrid Electric Vehicles	Dr. P. R. Thakura	On Going
11.	Mr. Brij Mohan Prasad	Development of Converter and Controller for Hybrid Electrical Vehicle	Dr. P. R. Thakura	On Going
12.	Mr. Nirbhar Neogi	Studies on Automated Surface Defect Detection of Steel Strip Using Image Processing Techniques	Dr. D. K. Mohanta & Dr. P. K. Dutta	Submitted
13.	Mr. Prabhat Kumar Ranjan	Role of Power Electronics in Distributed Generation	Dr. P. R. Thakura	On Going
14.	Md. Aftab Alam	Development of Remedial Techniques Against Electromagnetic Interference in High Performance Drives	Dr. P. R. Thakura & Dr. M. K. Mukul	On Going
15.	Mr. G. Kumar Raja	Analysis of Demand Response and Control Technologies in the Context of smart Distributed Grid Operations	Dr. T. Ghose	On Going

Sl. No.	Name	Title of the Thesis/Area of Research	Guide/Co-guide	On Going / Submitted
16.	Mr. V. K. Karan	A Study of BLDC Motor Drive for Hybrid Electric Vehicles	Dr. P. R. Thakura & Dr. A. N. Thakur	On Going
17.	Mrs. Sushama Surya Prakash Kamlu	License Plate Localization and Recognition	Dr.(Mrs.) V. Laxmi	On Going
18.	Mrs. Sarita Kumari	Study on Some Aspect of Sensor Design for Measurement of Process Parameters	Dr. (Mrs.) S. Chakraborty & Dr. S. C. Bera	On Going
19.	Mr. Kumar Rajan	Design of Automatic License Plate Recognition System (ALPRS)	Dr.(Mrs.) V. Laxmi	On Going
20.	Mr. Suraj	Design of Online Human-Computer Interface	Dr. R. K. Sinha & Dr. S. Ghosh	On Going
21.	Mr. Sarat Kumar Mishra	Application of Evaluation Computing Techniques in Multiobjective Problems of Power System	Dr. S. K. Mishra	On Going
22.	Mr. Praveen Chandra Behari	Application of Power Electronics & Control in HEV	Dr. P. R. Thakura & Dr. V. Laxmi	On Going
23.	Mr. Avanish Kumar	Experimentation and Investigation on Traction Motor Drive for Hybrid Electric Vehicle	Dr. P. R. Thakura & Dr. N. L. Nath	On Going
24.	Mr. Vivek Kushwaha	Real-Time Fault Diagnosis of an Induction Motor using Vibration Signature Analysis	Dr. S. K. Pradhan & Dr. N. L. Nath	On Going
25.	Mr. Rajeev Kumar Chauhan	Multistage Planning of Distribution System Network	Dr. T. Ghose	On Going
26.	Mr. Manish Kumar	Biomedical Image Denoising using Soft Computing Techniques	Dr. S. K. Mishra	On Going
27.	Mr. Deepsekhar Acharya	Analytical Study on Stability and Sensitivity Limitations of Multi Agent Systems	Dr. N. L. Nath	On Going
28.	Ms. Soumita Ghosh	Reliability analysis of Phasor Measurement Unit (PMU)considering uncertainty	Dr. Debomita Ghosh	On Going
29.	Mr. Amit Kumar Sahoo	Development of Soft and Evolutionary based Algorithm to Direct and Inverse Modeling problem	Dr. S. K. Mishra	On Going