

List of candidates registered for PhD in Applied Physics (Electrical Engineering)

Sl. No.	Name of candidate	Affiliation / Scholarship scheme	Title of Thesis	Name(s) of Supervisor(s)
1.	Tista Banerjee	University Research Fellow (URF)	Heuristic approach of analysis of electrical machine drive	Dr. S. Chowdhuri, Prof. J.N.Bera, Prof. G. Sarkar
2.	Monalisa Singha Roy	DST Woman Scientist WOS-A	Non-invasive Assessment of Cardiovascular Functions utilizing Machine Learning Techniques	Dr. Rajarshi Gupta, Dr. KaushikDas Sharma and Dr. Arunansu Talukdar
3.	Pritha Roy	Rajib Gandhi National Fellowship	Remote Monitoring and Performance Analysis of Micro Grid under Different Operating Conditions	Dr. S. Chowdhuri Prof. J.N.Bera, Prof. G. Sarkar
4.	Jayanta Mukhopadhyay	Principal (JIS Polytecnic), kalyani, India	Performance study of switched reluctance motor drive using different types of controller	Dr. S. Chowdhuri Prof. S. Sengupta
5.	Debasish Biswas	Assistant Professor, Dept of Electrical Engineering, Techno India Rajarhat, Kolkata	A Control Theoretic Approach for Analysis and design of Fractional order System.	Dr. K. DasSharma, Prof G. Sarkar
6.	Sananda Pal	DST Inspire Fellow, Govt of India	Reconfiguration of Electrical Network towards Development of Economic, Reliable Smart Power System	Prof S. Sengupta Prof JN Bera, Dr. S. Sen
7.	Samiul Alam	Assistant Professor, Dept of AEIE, heritage Institute of Technology, Kolkata	Photoplethysmogram Instrumentation and Data Archiving for Personal Healthcare	Dr Rajarshi Gupta, Dr Kaushik Das Sharma Prof Jitendranatha Bera
8.	Arkendu Mitra	Assistant Professor, Dept of AEIE, heritage Institute of Technology, Kolkata	High Performance Pulse Width Modulated Three-Phase Active Front-End Rectifier	Dr. Sumana Chowdhuri

9.	Arabindo Chandra	Assistant Professor, Dept of AEIE, Techno India College of Technology, Kolkata	Sensorless Vector Control of Surface PM Synchronous Motor for Standstill to Rated Speed Operation	Dr. Sumana Chowdhuri
10.	Soumyajit Datta	Assistant Professor, Dept of AEIE, Techno India College of Technology, Kolkata	Sensorless V/f Controlled Surface PM Synchronous Motor Drive	Dr. Sumana Chowdhuri
11.	Dipak Kumar Mandal	Assistant Professor, Dept Applied Physics, University of Calcutta	Development of an Efficient SPV System	Dr. Sumana Chowdhuri
12.	Ujjal Sur	Assistant Professor, Future Institute of Engineering & Management, Kolkata	Different Aspects of Load Flow Studies over Power Distribution System	Dr. Amitava Biswas, DR Jitendra Nath Bera
13.	Anirban Dey	SRA, Centre of Excellence in Systems Biology and Biomedical Engineering, University of Calcutta	Application of Machine Intelligence in Multi-Modal Medical Data Integration	Dr. Kaushik Das Sharma
14.	Bed Prakash Das	DST project Fellow, Applied Physics, CU	Development of IOT based energy efficient intelligent building management system with smart occupancy detection	Dr. Kaushik Das Sharma
15.	Abhisek Majumder		Improved Performance of Micro-grid Inverter for different operational conditions	Dr. Sumana Chowdhuri
16.	Soumyak Chandra	SRA, Centre of Excellence in Systems Biology and Biomedical Engineering, University of Calcutta	Energy Efficient Data Routing Scheme for Human Health Monitoring using Wireless Sensor Network	Dr Rajarshi Gupta
17.	Biplab Roy	Assoc. Professor, Neotia University, West Bengal	Analysis of human physiological signals for early detection of cardiovascular and respiratory diseases	Dr Rajarshi Gupta
18.	Rumrum Banerjee	-	An orthogonal Hybrid function approach to model order reduction and controller design	Dr. Amitava Biswas & Dr. Jitendra Nath Bera
19.	Rakesh Das	Departmental Research Fellow, Applied Physics, CU	Wireless Networking in a Smart Grid	Dr. Jitendra Nath Bera

20.	Sarbojit Mukherjee	Assistant professor, RCC Institute of Information Technology, Kolkata	Improved Performance Soft Switch DC DC Converter Integrating PV-MPPT controller and Battery Charger	Dr Sumana Chowdhuri
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