

DEPARTMENT OF ELECTRICAL ENGINEERING
POWER SYSTEMS LABORATORY
PhD. Projects Ongoing

Sl.	Title	Research Scholar	Guide	Scheme
1	Analysis and Mitigation of Subsynchronous Resonance in DFIG Based Wind Power Plants	Jayakrishnan S R (P140089EE)	Dr. Elizabeth P Cheriyan, Dr. Sindhu T K	Part Time
2	Small Signal Stability analysis of Renewables integrated conventional power system and Enhancement methods.	Grace Sadhana S (P150099EE)	Dr. Ashok S, Dr. Kumaravel S	Part time
3	Wide Area Monitoring of Power Systems	Subin Koshy (P160069EE)	Dr. Sunitha R	Part Time
4	Frequency Regulation of Wind Integrated Power Systems	Sony M G (P190035EE)	Dr. Deepak M, Dr Abraham T. Mathew	Part Time
5	Composite Transmission-Based Emergency Demand Response Framework for Emerging Deregulated Power Grids	T P Vishnu (P190094EE)	Dr. Gopakumar P, Dr. Sunitha R	Full Time
6	Artificial intelligence for Energy Management optimization in microgrid	Swathi Krishna (P200062EE)	Dr. Deepak M, Dr. Sunitha R	Full Time
7	Investigations on control strategies of variable speed wind turbines for system inertia	Sunil V Chandran (P210057EE)	Dr. Deepak M	Full Time
8	Inertia Estimation and Forecasting	Steffy L Chandra Bhas (P220087EE)	Dr. Deepak M	Full Time
9	Energy Management in Networked Microgrids	Zubin J B (P220043EE)	Dr. Sunitha R, Dr. Gopakumar P	QIP
10	Load frequency control	Abhilash (P220038EE)	Dr. Deepak M	Part time (External)
11	TSO-DSO coordination involving EV Flexibility	Sujith Kumar (P230209EE)	Dr. Vivek Mohan Dr. Jagadanand G	Full Time
12	Reliability Analysis of On-grid PV System	Anith Krishnan (P230024EE)	Dr. Vivek Mohan Dr. Nimal Madhu	Part time (External)
13	Energy Management in AC-DC MicroGrid	Reji R (P230161EE)	Dr. Vivek Mohan Dr. Nimal Madhu	Part time (External)
14	Feed in Tariff with Battery Energy Storage in PV System	Bino Kuriachan (P230054EE)	Dr. Vivek Mohan Dr. Sathiya S	Part time (External)
15	Modelling and forecasting of growth in renewable energy, devising methodology for scheduling of RE plant and grid integration	Shine Raj (P230187EE)	Dr. Sunitha R	Part time (External)

Last updated: 13.09.2023