

Number of Ph.D Full time Ongoing

Si No.	Name	Area/ Title	Research Supervisors
1.	Febina Beevi	2 DOF Controller design	Dr. Jeevamma Jacob, Dr. T K Sunilkumar
2.	Sreekanth M.	Modeling and control of SMA activated unconventional locomotion system	Dr. Abraham T. Mathew, Dr. M. Vijayakumar
3.	Thasneem Fathima N K	Detection and prediction of epileptic seizures using EEG	Dr. Paul K. Joseph
4.	Guguloth Ramesh	Congestion management in deregulated power system with TCSC and with Microgrids	Dr. T K Sunilkumar
5.	Meenu D Nair	Design space exploration of SVPWM	Dr. Mukti Barai
6.	Aniruddha K M	Study and Improvement of Performance parameters of AC-DC Converters	Dr. Mukti Barai
7.	Sujo P. George	Adaptive relaying for Smart Grid Applications	Dr. Ashok S.
8.	Ashmi M.	Control of drives for orthopaedic assistive limb	Dr. K S Sivanandan, Dr. S. Jayaraj
9.	Dheeraj K.	Optimal Control systems	Dr. M P Nandakumar , Dr. Elizabeth P. Cheriyan
10.	Devika K B	Sliding mode control for autopilot design for air traffic control	Dr. Susy Thomas
11.	Joseph Peter	Constant Switching Frequency Hysteresis Controlled VSI fed Induction motor drives	Dr. Rijil Ramchand
12.	G Vivek	Multilevel SVPWM	Dr. Mukti Barai
13.	Abhilash T. Vijayan	Visual Servoing of Industrial Robots	Dr. Ashok S.

14.	Rajashree Raghavan	MPC for non linear systems	Dr. Susy Thomas
15.	M J Laly	Modeling and Control of Microgrids	Dr. Abraham T. Mathew, Dr. Elizabeth P. Cheriyan
16.	Sivaprasad A.	Development of multi input DC-DC converter topologies for hybrid Renewable energy integration	Dr. Kumaravel S. , Dr. Ashok S.
17.	Nithin Raj	Fault detection of multilevel inverters	Dr. Saly George , Dr. Jagdanand G.
18.	Deepthi S. Nair	Torque ripple reduction of BLDC motor	Dr. Jagdanand, Dr. Saly George
19.	Pratheesh K J	Space vector PWM techniques for multilevel inverters	Dr. Rijil Ramchand, Dr. Jagdanand G
20.	Rohit K. Mathew	Resiliency and Reliability Assessment of Electric Power Systems	Dr. Ashok S. , Dr. Kumaravel S.
21.	Sandeep J.	Indirect Matrix Converter fed PMSM drive	Dr. Rijil Ramchand, Dr. Ashok S.
22.	Jaya C K	Power system security Assessment Techniques	Dr. Sunitha R. , Dr. Abraham T. Mathew
23.	Suraj Damodaran	Image processing and its application to Robotics	Dr. T K Sunilkumar
24.	Parvathy P.	Optimal Control	Dr. M P Nandakumar
25.	Haseena K A	2 DOF model matching controller for MIMO systems	Dr. Jeevamma Jacob, Dr. Abraham T. Mathew
26.	Nimmy John T.	Characterization of EEG signals in Alzheimer's	Dr. Subha D P
27.	Vinu Thomas	Control Strategies for Hybrid AC-DC Microgrids	Dr. Kumaravel S. , Dr. Ashok S.
28.	Akhil Vinayak B.	Condition monitoring of inverter connected Induction Machine	Dr. Jagdanand G
29.	Jineeth Joseph	Condition Monitoring of Power Cables	Dr. Sindhu T K
30.	Anjana K G	Solar Inverters	Dr. Mukti Barai
31.	Retheep Raj	Controller design for electrobiomedical supporting systems	Dr. K S Sivanandan

32.	Avinash Nelson	Characterization of Polymer Nano Composites	Dr. Preetha P. , Dr. Sunitha K.
33.	Anjali Anand K	Fault detection of Multilevel Inverters	Dr. Saly George , Dr. Jagdanand G.
34.	Muthavarapu Aswini Kumar	Multilevel Z- Source Inverters	Dr. Mukti Barai
35.	Rohikaa Micky R.	Dynamic Security Assessment of Microgrids	Dr. Ashok S., Dr. Sunitha R.
36.	Jayakrishnan S R	Analysis of Subsynchronous Resonance in Distributed Generators	Dr. Elizabeth P.Cheriyian Dr. Sindhu T K
37.	Athira Raju	Power Electronics applications in Power systems	Dr. Elizabeth P. Cheriyian , Dr. Rijil Ramchand

Number of Ph.D Part time Ongoing:

Si No.	Name	Area/ Title	Research Supervisors
1.	John George	FACTS Controllers for Power Quality Improvement	Dr. T L Jose, Dr. Jeevamma Jacob
2.	Binu K Baby	Torque ripple minimization in BLDC motor	Dr. Saly George
3.	Sujalakshmy V	Control of self balancing system	Dr. K S Sivanandan, Dr. K M Moideenkutty
4.	Surya S Nair	Analysis and classification of ophthalmologic diseases based on electroretinographic signal	Dr. Paul K. Joseph
5.	Vasanthi V	Analysis and Performance Improvement of AC-DC Locomotive drives	Dr. Ashok S.
6.	Maya V	Supplementary Controller for Power system Oscillation Damping	Dr. Elizabeth P. Cheriyian, Dr. Jeevamma Jacob
7.	Parthish Kumar	Robust control techniques for	Dr. Jeevamma Jacob

	Paul	stabilization of non linear MIMO systems	
8.	Rehna Nalakath	Optimal Control	Dr. M P Nandakumar
9.	Nisha P V	Filtering of Electromagnetic Interference in Power Systems	Dr. Sindu T K, Dr. Elizabeth P. Cheriyan
10.	Shalu George K	Control of Orthopaedic Applications	Dr. K S Sivanandan
11.	Saritha M.	Automation of MRI brain image interpretation	Dr. Paul K. Joseph, Dr. Abraham T. Mathew
12.	Rinu Alice Koshy	Design of discrete time SMC for non linear systems	Dr. Susy Thomas
13.	M. Pala Prasad Reddy	Modeling and vibration suppression of of single flexible link manipulator	Dr. Jeevamma Jacob
14.	Shijoh V.	Modeling, state estimation and control of hybrid systems	Dr. M V Vaidyan
15.	Priya N.	Design of Controller for interval systems	Dr. T K Sunilkumar
16.	Biju K.	Application of Multilevel inverter for renewable energy systems	Dr. Rijil Ramchand
17.	Jino M. Pattery	Self healing distribution network with IEC 61850 Interoperability	Dr. Elizabeth P. Cheriyan, Dr. Rijil Ramchand
18.	Sigi C. Joseph	V2G and V2H applications in Smart grids	Dr. Ashok S.
19.	Joseph P. Varghese	Multi agent based power system assessment	Dr. Ashok S. , Dr. Kumaravel S.
20.	Ahammed Muneer K V	Biomedical Image Processing	Dr. Paul K. Joseph
21.	Sony Kurian	Design and Implementation of Grid Connected Wind energy System and Battery Storage with Power Scheduling	Dr. Elizabeth P. Cheriyan, Dr. Sindu T K
22.	Ajay Babu	Development of Energy Management strategies for Hybrid Electric Vehicles	Dr. Ashok S.
23.	Shyma Muhammed	Robust Control of uncertain time delay systems	Dr. Abraham T. Mathew

24.	Suresh K. Damodaran	Optimal Environmental Economic dispatch in a Deregulated Power system	Dr. Sunil Kumar T K
25.	Mini V.	Reactive power management in Deregulated Power system	Dr. Sunil Kumar T K
26.	Mary Reena K E	Modeling and control of cyber physical systems	Dr. Abraham T. Mathew, Dr. Lillykutty Jacob
27.	Shingare Deodatta Yashawant	Dynamic support of DFIG based wind energy conversion system to grid	Dr. Sunil Kumar T K