List of PG Students

M.Tech. (Electrical Energy System) Students

Student Name	Id. No.	Semester & Year of Admission	Thesis Title	Name of Advisor
Mr. Rohit Kumar	31416	I, 2016-17		Dr. Ravi Saxena
Mr. Mukul Singh	42233	I, 2016-17	Simulation, control and fault analysis of 6/4 switched reluctance motor drive using MATLAB.	Dr. Ravi Saxena
Ms. Sudheeksha Mishra	50883	I, 2016-17	Modelling and Simulation of Matrix Converter using Space Vector Modulation Techniques	Dr. Sudha Arora
Mr. Deepayan Gope	50889	I, 2016-17		Dr. S.K. Goel
Mr. Pawan Singh	50896	I, 2016-17		Dr. Ajay Srivastava
Mr. Rajat Sharma	50912	I, 2016-17	Design, modelling and fault analysis of induction motor drive system using ANSYS	Dr. Rajiv Singh
Mr. Rahul Sharma	50988	I, 2016-17		Dr. A.K. Swami
Mr. Vijay Bohra	52461	I, 2017-18	Analysis of Excessive Unevenness in Load Curve Characteristics due to Solar Energy Incorporation into Grid & the Possible Solution	Dr. Sudha Arora
Mr. Deepak Kaushik	52662	I, 2017-18		
Mr. Sanajy Kumar	52470	I, 2017-18		
Ms. Monika Choudhary	52812	I, 2017-18		
Mr. Dinesh Singh Bisht	36170	I, 2017-18		
Mr. Rohit Kumar	31416	I, 2017-18		
Mr. Harpal Singh Sandhu	42637		Conversion of squirrel cage induction motor into permanent magnet motor and its finite element analysis	Dr. Rajiv Singh

Mr. Vibhuti Dhyani	40917		Mathematical modelling, analysis and fuzzy control of double fed induction generator	Dr. Sudha Arora
Mr. Prashant Upadhyay	55808		Comprehensive design of intelligent controllers of proper grid code compliance of DFIG	Dr. Rajiv Singh
Ms. Seema	45502		Modelling, simulation and fault detection of PV system using LABVIEW	Dr. Ravi Saxena
Ms. Garima Sharma	45492		Grid synchronization of a PV and fuel cell based hybrid distributed generation system	Dr. Rajiv Singh
Ms. Neelam Rawat	45707		A novel bio-inspired three dimensional PV cell arrangement of effective solar power extraction	Dr. Rajiv Singh
Mr. Pawanpreet Singh	36499		PFC CUK converter as a high power factor supply for power LED lamps	Dr. S.K. Goel
Mr. Vikas Deep Juyal	47046		Grid interactive SPV power generation and control using MATLAB/ SIMULINK	Dr. Sudha Arora
Mr. Naveen Kumar	49419		Design and feasibility analysis of 30 KW GCPV and wind-solar hybrid system	Dr. S.K. Goel
Mr. Deepak Pandy	49414		Study of shunt active filter for the harmonic current compensation of nonlinear load using PQ theory	Dr. S.K. Goel
Ms. Sandhya Prajapati	38839		Study of impact of temperature on PV module and design of cooling system	Dr. Ravi Saxena
Ms. Ruhi	47044		Modelling of permanent magnet synchronous motor and simulation of closed loop speed controller design for three and five phase PMSM	Dr. Ajay Srivastava
Mr. Lalit Singh Pal	45741		Analysis of mismatch power loss in photovoltaic array	Dr. Ravi Saxena
Mr. Abhishek Kumar Gupta	45782		Modelling, simulation and comparative analysis of MPPT technique for PV application using MATLAB	Dr. Ravi Saxena
Ms. Adita Saini	35095		Performance investigation of switched reluctance motor drive with various converter topologies	Dr. Ajay Srivastava
Mr. Gaurav Rawat	45751		Design and performance analysis of PWM battery charge controller	Dr. Sudha Arora

			and MPPT battery charge controller	
Mr. Deepak Singh Negi	48166		A CSC converter fed BLDC motor drive with power factor correction	Dr. S.K. Goel
Ms. Neha Kumari Parley	47048		Implementation of MPPT technique on wind turbine driven PMSG	Dr. Rajiv Singh
Mr. Madhav Sharma	48167		Modelling and maximum power point operation of solar photovoltaic using boost converter	Dr. S.K. Goel
Mr. Pawan Gangwar	47057		A comparison of various solar tree design for effective solar power harnessing	Dr. Rajiv Singh
Ms. Anjali Bharti	45750		Fault detection, classification and protection system for induction motor based on fuzzy logic in LABVIEW	Dr. Ravi Saxena
Ms. Pooja Singh	45781		Modelling and simulation of different MPPT techniques in solar photovoltaic system	Dr. Sudha Arora
Mr. Narendra Kumar	45570		A performance evaluation of linear and intelligent nonlinear controller for speed control of BLDC motor	Dr. Rajiv Singh
Mr. Gaurav Aggarwal	45774		A Comparison of sensor based and sensor-less technique for the speed control of PWSM Drive	Dr. Rajiv Singh
Ms. Sapna Lohani	45552		Speed control of DC motor using ANFIS	Dr. Ravi Saxena
Ms. Medha Joshi	45761		An intelligent and efficient ANN approach for short term electric load forecasting	Dr. Rajiv Singh
Mr. Narendra Singh Chauhan	45692		Real time monitoring, simulation and performance analysis of solar photo voltaic module using LABVIEW	Dr. Ravi Saxena
Mr. Uday Singh Rawat	45711		PV Array modelling and performance analysis under partial shading condition	Dr. Ravi Saxena
Mr. Chetan Kumar Bhardwaj	41258		Detection and classification of fault in high voltage transmission line using artificial Neural Network	Dr. Sudha Arora
Mr. Harish Kumar	35059		A novel approach for maximum power point tracking of variable speed wind generator system	Dr. Rajiv Singh
Mr. Bharat Upreti	44034		Performance analysis of self-excited induction generator using	Dr. Ravi Saxena

			artificial neural network technique	
Mr. Ashish Kumar	35415		Neural network based efficiency optimization of induction motor drives	Dr. S.K. Goel
Mr. Shailendra Kumar	23641		Steady state and dynamic analysis of series connected self-excited synchronous generator under balanced mode	Dr. S.K. Goel
Mr. Shobhit Gupta	25495		DC motor speed controller based on fuzzy logic	Dr. Sudha Arora
Mr. Harendra Singh Rawat	30728	I, 2003	Axially laminated anisotropic synchronous reluctance motor	Dr. G.K. Banerjee
Mr. Peeyush Kala	41257		Modelling and analysis of fuzzy logic and PI controller based electronic load controller for self-excited induction generator	Dr. Ajay Srivastava
Mr. Pravesh Kumar	28486		FEM based performance analysis of axially laminated anisotropic synchronous reluctance motor	Dr. Ajay Srivastava
Mr. Anubhav Aggarwal	39339		Performance investigation of three phase synchronous reluctance motor using finite element analysis	Dr. Ajay Srivastava
Mr. Jalaj Agarwal	41267		Application of artificial neural network over three phase induction motor drive	Dr. S.K. Goel