



Narula Institute of Technology

81, Nilgunj Road, Agarpara, Kolkata-700109

Supporting Documents

Criteria: 1.3.4

Project List of Programme M.Tech.

in

Power System

(for the academic year of 2019-20)

Programme Name	Programme Code	List of students undertaking field project/ research project/ internships	Title of Project
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Abhinaw Kumar Rai	Design of Solar Powered City Passenger Vehicle
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Prajit Biswas	Economic operation of power system
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Sanjay Sarathi Misra	An IOT Approach for Raspberry PI based Smart Energy in Class-Rooms
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Sreetama Banerjee	Embedded system Based AC Voltage Controller for Induction Heating applications
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Kaustav Mandal	PLC based Monitoring system for hybrid Electricity Generator integrated with Rooftop Air Ventilator and Solar Panel
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Anshu Kumar Srivastava	Wind Energy and Solar Energy based Hybrid Power generation system
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Avishek Das	Study and Design of micro grid and grid integration issues of distributed generation
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Ramesh Layek	Wavelet based ANN approach for power quality disturbance
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Avik Mukherjee	Design and Implementation of DSPIC30F2010 Based Three-Phase Variable Frequency Drive using W11NK90Z MOSFET

			MOSFET
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Shirshendu Ghosh	Application of Power Electronics on Wind Turbine
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Santosh Singh	Power Quality Improvement by D STATCOM
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Nitesh Kumar	Integration of wind- and wave-power generation systems on a DC micro grid using MATLAB
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Sudhanshu Mishra	Independent Residential Building with Renewable Sources
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Promila Das	Application of Stockwell's Transform in Detection of High Impedance Faults in Power System Network
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Anirban Adhikari	Power Quality Analysis on a Grid Connected Photovoltaic System Using MATLAB/SIMULINK
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Debajyoti Banerjee	Application of S-Transform for Detection of High Impedance Faults in Power System Network
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Sourav Tarafder	Power Theft Detection And Elimination
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Titas Bhaumik	Performance Analysis for Radial Distribution on IEEE 14 Bus System

M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Parnab Saha	Economic operation of power system
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Uday Patra	Investigation On Optimal Placement of Series Compensation Device For IEEE 5 Bus System For Enhanced Power Transmission Applications
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Priyanki Dhar	Microgrid Connected IoT Based Home Automation System
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Bijita Bhowmick	Power Quality Analysis on a Grid Connected Photovoltaic System Using MATLAB/SIMULINK
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Souvik Ghosh	Application of Power Electronics on Wind Turbine
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Ankita Aich	Design and development of Miniature wind turbine
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Suvamoy Bhattacharyya	Simulation & Control of Solar, Wind Hybrid Renewable Power System
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Sayantana Moulik	Performance Comparison of Sensorless Speed Estimation for a Brushed DC Motor
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Tamal Das	Determination of Locational Marginal Prices of a Congested Power System
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Madhulina Das	Modeling of Digital Impedance Relay for Protection of Transmission Lines



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M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Pritam Das	Voltage Regulation of Transmission Line using STATCOM
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Dibyendu Samanta	IoT based Sensor Applications for Developing Secured and Integrated Digitized Home
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Subhankar Das	Development of an Automobile LED Lighting Application by using Single Inductor Dual Output Converter working in Current Source Mode
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Sayan Das	Performance enhancement of a Optimized MPPT Technique based Solar Powered Water Pumping System
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Soumendu Bhowmik	Study of developing Plant Health Monitoring System Based on IoT
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Priyadarshini Chatterjee	Modified Bridge Network based Temperature Measurement system for Coal-Fired inlet of a Boiler in a Thermal Power Plant
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Oindrila Dutta	Maximum Power Point Tracking of Solar PV System under different Shading Conditions
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Piu Sarkar	Study of Grid -Tied Inverter for Renewable Energy Sources
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Swagata Ghosh	Enhancement of Technology of Low

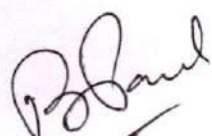


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			Voltage DC Ceiling Grid with Improved Efficiency
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Tanmoy Dey	Smart applications in a Reliable and Economic Power System
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Anupam Biswas	Use of weather forecast for increasing the self-consumption
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Soumyajit Dey	Development and performance analysis of Arithmetic logic
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Kushal Kumar	Application of IoT and Deep learning in Fault Identification
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Sudipta Datta	Sensorless speed estimation of DC drives
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Anshu Bhakat	High Impedance fault Analysis in 9 bus system
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Sourav Kumar Nath	Design of Smart Controller to Utilize Distributed Generation
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Sudipto Ghosh	Performance Analysis for Radial Distribution on IEEE 14 Bus System
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Pritam Roy	Modelling of Digital Impedance Relay for Protection of Transmission Lines
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Sushovon Adhikary	Wavelet based ANN approach for power quality disturbance recognition.
M.TECH IN ELECTRICAL	EE-PS (M.TECH)	Rishab Sharma	Performance Analysis of DSPIC30F2010



ENGINEERING			Based Three-Phase Sinusoidal PWM Inverter using W11NK90Z MOSFET
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Sanjay Roy	Integration of wind- and wave-power generation systems on a DC micro grid using MATLAB
M.TECH IN ELECTRICAL ENGINEERING	EE-PS (M.TECH)	Doyel Basak	Low Cost Design and Control of DC-DC Converter for Solar Photovoltaic System



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