

ELECTRICAL ENGINEERING DEPARTMENT
JORHAT ENGINEERING COLLEGE

YEAR 2022-2023

S.N.	Project title	Guided by	Student name
1.	ADRC on Rotor Bearing System	Dr. Mrinal Buragohain	HAJU SERENE Pangri Rongphar ASHUTOSH BORTHAKUR
2.	An Energy Management System using Fuel cell and Battery	Dr. Moushumi Patowary	LAKSHYA JYOTI NATH NIRANGKUSH BORA SUMIT PARASHAR TIRTHARAJ MALI
3.	Simulation and Analysis of V2G and G2V using bidirectional dc fast charging architecture	Mr. Papumoni Saikia	SOUNIK SAIKIA ABHIJEET DUTTA AKIB JABED LASKAR ASHIM KALITA BHASKAR JYOTI SUBADAR
4.	PV integrated Multifunctional Off-Board EV Charger with Improved Grid Power Quality	Mr. Nipan Kumar Das	DHRUBA JYOTI GOGOI DIXIT DUTTA SIDHARTHA GOSWAMI TANUJAM BARUAH
5.	Power Quality Improvement of an Interconnected Grid System using PWM Technique of DSTATCOM	Mr. Tusar Kumar Dash	K. ZOTHANSANGA GAURAV KUMAR GOSWAMI TUSHAR PROTIM DUTTA
6.	Automatic fault Detection and Isolation System in a Distributed Generation Integrated System using Instantaneous Overcurrent Relay	Mr. Tilok Baruah	DEBADEEP DUTTA KRITARTHA GAUTAM SYED ARSHADUL HAQUE
7.	Electric Vehicle Wireless Charging Technology.	Mr. Tusar Kumar Dash	SUBHASISH BHADURI
8.	Underground Cable Fault Distance Locator.	Mr. Nipan Kumar Das	ANINDITA DUTTA DEBOLINA DEBNATH SHUBHANGI DAS SWAPNIL DAS
9.	Load Frequency Control for Four Area Power System	Dr. Mrinal Buragohain	BORNIL BORBORA RISHIKESH KARKI VISHAL MALLICK
10.	Optimal Allocation Of Dg Using Differential Evolution Algorithm	Dr. Suman Sutradhar	BISHAL KHAKLARI NITISH KUMAR NATH PRABAL JYOTI SWARGIARY
11.	Analysis of Cell Balancing Techniques in Battery Management System for Electric Vehicle	Mr. Tilok Baruah Mr. Pankaj Sharma	ANISH CHAMUAH RUCHI ACHARJEE SHIWANGI SONOWAL SMITALINA NEOG

			NIKITA SANKAR DAS
12.	Object Detection using Tensor Flow.	Dr.Aditya Bihar Kandali Ms. Jyotiskha Sarmah	ANKIT NATH ARNAVJYOTI KALITA H LALTANPUII
13.	Load Demand Prediction Using Artificial Neural Network and its Application in Energy Demand Response System	Dr.Aditya Bihar Kandali, Mrs. Pooja Bora	ABHINAB GOGOI ABIDUDDIN AHMED
14.	Optimal Load Flow with SVC Device Using Artificial Bee Colony	Dr. Suman Sutradhar	RUKASEN RONGHANG SIMEON JOUTE BHARGAV BORGOHAIN
15.	Voltage and Real Power Analysis of Grid Connected Renewable Distributed Generation	Mr.Tilok Boruah	JAYASHREE SARMA MAYUR CHETIA RITURAJ BORTHAKUR
16.	Forecasting Of Renewable Energy Generation Using Machine Learning And Optimization Of Conventional Source For Forcasted Load Demand	Mr. Pranab Jyoti Haloi	PRITOM DEKA RUCHIKA PAUL TANMOY SAIKIA RITURAJ BARUAH