

ELECTRICAL ENGINEERING DEPARTMENT
JORHAT ENGINEERING COLLEGE

YEAR 2017-2018

S.N.	Project title	Guided by	Student name
1.	Load Flow Analysis Using Gauss Seidel Method	Mr. Pranab Jyoti Haloi	Manoj Kumar Baishya Lalnuntluanga Chuaungurpuia Pachau
2.	Optimal Placement Of Capacitors In Radial Distribution System Using Genetic Algorithm	Mr. Nipan Kumar Das	Debosmita Dey Pulpuli Kutum Binita Das
3.	Neural Network: Radial Basis Function	Dr. Mrinal Buragohain	Arnab Barua Richard Bailung Arindam Boruah
4.	Automatic Power Factor Correction Panel Design	Mr. Papumoni Saikia	Satirtha Devnath Himanshu Bharali Satish Pathak
5.	Controlling And Protection Of Household Appliances By Using Remote And Pc	Dr. Aditya Bihar Kandali	Kalpajyoti Mudoi Saurab Dey Abdul Basit Laskar
6.	Fuzzy Logic Control Of Static Var Compensator For Reactive Power Compensation On Transmission Line	Mr. Papumoni Saikia	Himangshu Deka Tanmoy Chetia Randib Sharma
7.	Performance And Optimization Of Induction Motor Using Indirect Vector Control Method	Mr. Nipan Kumar Das	Achinta Sarma Brajen Kalita Sanjib Kalita
8.	Load Survey in Three Phase 250 kVA Transformer In Jec	Mr. Papumoni Saikia	Tapas Choudhury Trideep Hazarika Rahi Masam Raja
9.	State Estimation Of 14 Bus Power System Network Using Matlab	Dr. Aditya Bihar Kandali	Kalpajyoti Mudoi Abdul Basit Laskar Saurab Dey
10.	Load Flow Analysis Using Newton Raphson Method	Mr. Pranab Jyoti Haloi	Manoj Kumar Baishya Lalnuntluanga Chuaungurpuia Pachuau
11.	Sinle Phase Cycloconverter With Firing Circuit	Dr. Chottan Sahu	Prabhu Deva Ravi Upadhyay Benjamin Doley
12.	Modelling Signal With Missing Data Set	Dr. Mrinal Buragohain	Shrutosom Mukherjee

			Deboleena Chakraborty
13.	System Identification Using Support Vector Machines	Dr, Mrinal Buragohain	Shrutosom Mukherjee Deboleena Chakraborty
14.	Speed Control Of Single Phase Induction Motor Through IGBT With PWM Converter	Dr. Chottan. Sahu	Tinku Roy Suraj Prakash Daga Manash Pratim Patowary
15.	Formant Analysis Of Some Syllables Of Assamese Language Of Assam Using DSP Methods	Dr. Aditya Bihar Kandali	Gourab Bhuyan Iftikar Rahman Neelutpal Sharma
16.	Detection Of Internal Arcing Of Switchboard Using Optical Fiber	Mr. Tilok Baruah	Nayan Jyoti Borah Angshuman Boruah Manab Jyoti Gogoi
17.	Speed Control Of DC Motor Using PID Technique	Dr. Chottan Sahu	Shamim Abbas Roktim Mohan Arun Bahattarai
18.	Mechanical Design Of Overhead Lines And Software Design	Mr. Pranab Jyoti Haloi	Sarim Terang Pabitra Daimari Jessie Lalpiengzuol
19.	Comparison Of Convergence Of Different Solution Techniques Of Load Flow Equation Using Matlab	Mr. Tilok Baruah	Wasim Khandekar Tirthankar Chakraborty
20.	Position Analysis Of A Syllable In Text Of Assamese Language Using Formal And MFCC Feature	Dr. Aditya Bihar Kandali	Gourab Bhuyan Iftikar Rahman Neelutpal Sharma
21.	Analysis And Identification Of A Multi-Variable System	Dr. Mrinal Buragohain	Pragyan Thakuria Aprotim Kumar Sarma Bhargob Sharma
22.	Object Tracking Using Kalman Filter In Matlab	Mr. Pranab Jyoti Haloi	Amar Ghosh Prakash Singha Gitartha Das Partha Pratim Hazarika
23.	Reactive Power Control Of Transmission Line Using SVC	Mr. Papumoni Saikia	Himangshu Deka Tonmoy Chetia Randib Sharma
24.	Modelling Of A System Using Sugeno Type Fuzzy Logic Inference	Dr. Mrinal Buragohain	Pragyan Thakuria Aprotim Kumar Sarma Bhargob Sharma
25.	Mamdani Type Of Fuzzy Logic Controller	Dr. Mrinal Buragohain	Anmol Singh Shajidul Islam
26.	System Identification: Estimation Of Continuous Time Model Using Non-Uniform Data	Dr. Mrinal Buragohain	Arnab Barua Arindom Boruah Richard Bailung
27.	Empirical Study Of Particle Swarm Optimization	Dr. Mrinal Buragohain	Anmol Singh Shajidul Islam

28	Electricity Billing Display	Mr. Papumoni Saikia	Khonandro Kempri Tirim Rongpi Swahnowaz Zaman
29	Home Appliances Control System Using Mobile Dtmf	Dr. Neelanjana Baruah	Bhaskar Jyoti Kalita Simanta Bhattacharjee
30	Continuous Dc Supply With Safety Operation	Mr. Tilok Baruah	Raktim Gogoi Dipu Saikia Kamlesh Gupta