

ELECTRICAL ENGINEERING DEPARTMENT
JORHAT ENGINEERING COLLEGE

YEAR 2018-2019:

Group No.	Topic/ title	Guided By	Name of the student
1	Analysis of Smart Grid With Respect to Jorhat City.	Mr. Nipan Kumar Das	B. Madhukalya P. Sharma S. Sankar B.R. Z. Jamil
2	Load Flow Analysis Using Newton-Rapshon Method in Python Programming Language.	Dr. Aditya Bihar Kandali	P. P. Hazarika A. Kalita K. Gogoi R. Borgohain K. Barman
3	A Brief Study of Controllers Used in Control Systems	Dr. Mrinal Buragohain	N. M. Kalita C. Kalita S. Das S. Parasar
4	3-Phase Induction Heater	Dr. Chhotan Sahu	N. M. Kalita C. Kalita S. Das S. Parasar
5	Load Flow Analysis and a Comparative Study Between Newton Raphson and Gauss Seidel Method Using MatLab.	Mr. Pranabjyoti Haloi	E-19/15 E-21/15 E-22/15 E-23/15 E-58/15
6	Medical Image Forgery Detection	Mr. Pranabjyoti Haloi	H.S. S. Phukan J. Islam J. Das S. Kalita
7	Speed Control of Single Phase Induction Motor Using Integral Controller	Mr. Tilok Boruah	S. Sarma D. Das R. Chandak N. Deka
8	Smart Fire Fighting System	Mr. Tilok Boruah	A. Azad J. Gogoi D. Borah A. Nath
9	Automatic Power Factor Compensation	Mr. Pankaj Sharma	K. Bhuyan B. Borah O. C. Phukan S. Das

10	Detailed Analysis of Weakly Meshed Distribution System Including DG Penetration	Dr. Suman Sutradhar	C.Bhuyan S. Debnath S. Roy S. K. Deori U. K. Das
11	Speed Control of Induction Motor By Variable Frequency Drive	Mr. Nipan Kumar Das	P. Duarah A.Bhattacharyya B. Banik S. Hassan H. Abdullah
12	Designing a Circuit to Run Solar Pump on Alternating Current Power Supply	Mr. Pankaj Sharma	J. S. Baruah C. Sonowal R. Rowmuria S. Kathar Vanlalrinchhana
13	Energy Storage Schemes for Power System Stability	Mr. Papu Moni Saikia	N.Talukdar C. Deka D. Saikia A. Mili
14	Comprehensive Study and Simulation of a Solar Photovoltaic Cell Model in MatLab	Mr. Papu Moni Saikia	S. Bhatta H. Goswami A. K. Deka M. Choudhury
15	Micro-Hydroelectric Power Plants	Mr. Nipan Kumar Das	A.Phukon A. Gogoi S.Bharadwaj B.Khati