

ELECTRICAL ENGINEERING DEPARTMENT
JORHAT ENGINEERING COLLEGE

YEAR 2017-2018

Group No.	Topic/ title	Guided By	Name of the student
1	Design Of Control System Using Different Techniques	Dr. Mrinal Buragohain	Jyotishmaan Konwar Debarshi Mahanta Thirujit Saikia
2	Design And Implementation Of Power Circuit Of Single Phase Half Controlled Bridge Rectifier	Dr. Chhotan Sahu	Chandrama Gogoi Surangana Duarah Rachael Pakhumate
3	Four Quadrant Operation Of Dc Motor With 555 Timer Ic	Dr. Chhotan Sahu	Akash Borua Raktim Roy Jiauz Zaman
4	Solar Power Charge Controller	Mr. Nipan Kumar Das	Lalhezuali R Lalnunfela C Beiphalai
5	Design Of Control System Using Different Techniques	Dr. Mrinal Buragohain	Nishanta Nibir Goswami Mrinalini Mishra Dhurba Narayan Sarmah
6	Analysis Of Solar Power Trends And Growth In India	Mr. Tilok Boruah	Sumit Saha Manash Pratim Boruah Abhishek Chowdhury
7	Smart Blind Stick For Visually Impaired Persons	Mr. Nipan Kumar Das	Mitul Ali Nur Md Mustan Kiduai Abhishek Sahu
8	Wireless Speed And Direction Control Of Dc Motor	Mr. Papumoni Saikia	Yaheya Al Aman Kamal Kalita Prakash Barman

9	A Study On Substation In Grounding And Its Design Parameters	Mr. Nipan Kumar Das	Ritumon Gogoi Amlan Dutta Nihar Konwar
10	Underground Cable Fault Detection Using Distance Relay	Dr. Aditya Bihar Kandali	Akshay Ranjan Changmai Kaushik Das Jyotishman Boruah
11	Solar Pannel Brightness Control With Indication Of Moisture Level In An Automatic Street Light Control	Mr. Pranab Jtoti Haloi	Dipankar Paul Kaushik Kalita
12	Unsupervised Segmentation Categorization Indexation And Story Formation Of Broadcast News Video	Mr. Pranab Jtoti Haloi	Arnab Kishor Bordoloi
13	Image Compression Using Dwt	Mr. Pranab Jyoti Haloi	Iftekar Ahmed Aditya Kr. Tamuli Nusrat Izaz
14	Overcurrent Relay Using Arduino Microcontroller	Dr. Aditya Bihar Kandali	Priyanka Kalita Munmee Boruah Rupmili Terangpi
15	Assesment Of The Freshness Of Fish Using Electronic Nose	Mr. Pranab Jyoti Haloi	Pratick Keshan Bikash Sarma Konkona Baruah
16	Design Of Control System Using Different Techniques	Dr. Mrinal Buragohain	Shahinoor Islam Jishu Mani Malakar Kaberi Borah
17	A Study On Modernization Of Mariani Substation	Mr. Papumoni Saikia	Akash Borah Hrishikesh Goswami Sandeep Kalita
18	Three Phase Fault Detection With Auto Reset On Temporary Fault And Permanent Tripn Otherwise	Dr. Neelanjana Boruah	Kirti Kamal Saikia Kangkan Kallul Raidingia Mriganka Kashyap Sarmah Dibankar Khanikar
19	Greenhouse Monitoring And Control Using Plc	Mrs. Monisha Pathak	Manash Jyoti Deori Sarchephong Terang Ringhamdao Haflongbar
20	Microcontroller Based Accident Avoidance Car	Mr. Arobindra Saikia	Arman Hussain Pritam Bharali

21	Power Demand And Supply Analysis Of Jorhat	Mr. Tilok Boruah	Mandira Kachari Liza Boruah Bhashwati Talukdar
22	Performance Analysis Of Series And Shunt Compensated Transmission Line	Mr. Tilok Boruah	Animesh Pathak Prashidha Bharali Madhurjya Rajkhowa
23	Microhydroelectric Power Plants	Mr. Nipon Kumar Das	Anupam Gogoi Swapnajit Bharadwaj Bibek Khati Abinash Phukon
24	Stability Of Limit Cycles In Non Linear Feedback Systems Containing A Relay	Mr. Mrinal Buragohain	Jyotishmaan Konwar Debarshi Mahanta Thirujit Saikia
25	Structured H-Infinity Controller Design Using Matlab	Dr. Mrinal Buragohain	Shahinoor Islam Jishu Mani Malakar Kaberi Borah