Nilotpal Misra

BE 8th SEMESTER | ELECTRICAL ENGINEERING
ASSAM ENGINEERING COLLEGE, GUWAHATI
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EDUCATION

ASSAM ENGINEERING COLLEGE
BE in ELECTRICAL ENGG (2016-20)
Sep 2020 | Guwahati, Assam
Division: First Class
Cum. percentage: 71.6

PINEWOOD RESIDENTIAL SCHOOL
CLASS 12
MARCH 2016| Tinsukia, India
Percentage: 88

DELHI PUBLIC SCHOOL
CLASS 10
MARCH 2014| Duliajan, India
CGPA: 10

LINKS

LinkedIn:// **Nilotpal Misra**
Twitter:// **Nilotpal Misra**

SKILLS

HARD SKILLS
Public Speaking • Leadership Skills • Team Player and ability to get mixed up with people • Presentation Skills • Ability to work under pressure

PROGRAMMING
Programing and Data Structure using C • MATLAB • PSIM • JAVA • Python • Microsoft Office • Adobe Photoshop • PLC

VOLUNTARY WORKS

ASSAM CARES
Worked as a student volunteer playing the role of data entry specialist to help the needy people during the outspread of the COVID-19 pandemic. It was a govt. funded program.

HOBBIES

Playing Table Tennis • Listening to music • Cycling

INDUSTRIAL TRAINING

OIL INDIA LIMITED | Summer Intern
June 2019 - July 2019 | Duliajan, ASSAM

ASSAM ELECTRICITY GRID CORPORATION LIMITED | Winter Intern
January 2019 | Kahilipara, ASSAM

INDIAN RAILWAYS | Summer Intern
June 2018 – July 2018 | Tinsukia, ASSAM

PROJECTS

4 WAY TRAFFIC LIGHT SIGNAL USING 555 TIMER IC
Mini Project | Completed in 6th sem
A 555 timer IC was being used to design a 4 way traffic light controller to automate the process of Signalling system in a Crossroad.

SELF BALANCING ROBOT
Major Project| Completed in 7th sem
A Two Wheeled Self Balancing Robot with Dynamic Model is a combination of both Software and Hardware project. The project is developed in various software including MATLAB, Proteus, ARDUINO IDE. The project focuses on the classic problem of Pendulum Cart System and controlling the cart using PID Controller to make it Stable.

DESIGNING OF AC CHOPPER
Major Project| Completed in 8th sem
This project was being used to design and simulate a single phase AC CHOPPER using IGBT switch as a power switch and designing the controlling circuit. The software was simulated using MATLAB.

POSITIONS OF RESPONSIBILITY

• **TRAINING AND PLACEMENT COORDINATOR** - Elected as the training and placement coordinator for the batch of 2016-20 to help to lure companies for carrying out placement drives in our college.
• **PRESIDENT OF QUIZZINGA** - Lead the quiz club of my school Pinewood Residential School from May 2014 to February 2016.
• **FOUNDED MUST** - Founded a non profit organisation Make an Underpriviledge Smile Today (MUST) in 2011 to help the needy by collecting donations and monetary help provided by my school Delhi Public School.

AWARDS

• Voted as the Training and Placement Coordinator for the batch of 2016-20.
• Selected in zonal round of HOME AUTOMATION in Techniche, IIT Guwahati
• Cleared the First level of National Talent Search Examination in 2011
• Won various Awards and Certificates in the field of Education and Sports at National and State level