SHUBHAM BARANWAL

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OBJECTIVE   To enhance knowledge in the field of Embedded System and solve real-world problems

EDUCATION

Degree	School/College	Board/University	Passing Year	Percentage/CGPA
B.tech E.E.E (pursuing)	National Insitute of Technology, Meghalaya	National Insitute of Technology, Meghalaya	2017	8.34 (till 5th sem)
AISSCE (Class 12)	Army Public School, Shillong	Central Board of of Secondary Education	2013	90.83
AISSE (Class 10)	Army Public School, Shillong	Central Board of of Secondary Education	2011	10

PROJECTS

1. Autonomous Robot on Hazardous Waste Disposal Theme in e-YANTRA'15

2. Line Follower Robot using ATMEGA 16 Microcontroller

3. Working on Smart Home Theme of Robotics and IOT Club, NIT Meghlaya

RESEARCH & PUBLICATION

- PV and QV curve analysis on IEEE-30 bus system

TRAINING & INTERNSHIP

1. HINDALCO in Summer 2015

2. E- Yantra Summer Internship 2016 (in near future)

TECHNICAL SKILL

- Familiar in following Programming Languages
    – C
    – C++
    – Embedded C

– Assembly Language

- Worked on following Micro Controller and Micro-Processor

  – 8081 Microcontroller
  – ATMEGA 2560 Microcontroller
  – ATMEGA 16 Microcontroller
  – 8085 and 8086 Microprocessor

- Familiar with following Simulation Software

  – Proteus 8
  – Keil uVision
  – MATLAB
  – ATMEL Studio
  – Power System Simulator for Engineers (PSS@E)

SOFT SKILL

1. Leadership
2. Teamwork
3. Management
4. Communication

EXTRA - CURRICULAR ACTIVITIES

- Worked as Co-Coordinator and Coodinator in organising Techincal and Cultural festival of NIT Meghalaya
- Volunteered in Social works through NSS
- Volunteered in NIT Awareness Drive programme conducted by NIT Meghalaya
- Volunteered in organising Shillong Run

CO-CURRICULAR ACTIVITIES

1. Winner of e-Yantra-2015 under theme Hazardous Waste Disposal.
2. Winner of Stair Climber event organized by TechXtra-15(annual Technical festival),Tezpur University.
3. Runner up of Track Minion event organized by TechXtra-15 (annual Technical festival), Tezpur University.
4. Winner of Line follower Robot event organized by Cognitia-13(annual Technical festival), NIT Meghalaya.