Madari Kurva Pravallika

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Education

- **Raghunatha Model High School - 2010**
  Hyderabad, Telangana, India
  Matriculation, Senior Secondary
  PERCENTAGE: 95%

- **Sri Chaitanya Junior Kalasala, Hyderabad - 2012**
  Hyderabad, Telangana, India
  Matriculation, Higher Secondary
  PERCENTAGE: 97%

- **Indian Institute of Technology Patna – 2016***
  Patna, Bihar, India
  Electrical Engineering, Bachelor of Technology
  CPI: 7.67

Academic Projects

- **Summer Research Intern - (May, 2015 - July, 2015)**
  Defence Research and Development Organisation, Hyderabad, Telangana (India)
  Analytical study of a project titled "A study on Inertial Navigation System requirements for Ballistic Missiles" has been carried out during the Internship period.

- **Fog Removal in Images - (December, 2014 - April, 2015)**
  Indian Institute of Technology Patna, Patna, Bihar (India)
  Various techniques to defog an image are studied and also implemented one on MATLAB.

- **Seizure Detection in EEG- (July, 2014 - April, 2015)**
  Indian Institute of Technology Patna, Patna, Bihar (India)
  Analytical study has been carried out on different feature extraction techniques.

- **Generation and Synchronous Detection of BPSK Modulation- (November, 2014)**
  Indian Institute of Technology Patna, Patna, Bihar (India)
  Schematic and PCB designing was done using a software called Diptrace.

Technical Skills

- **Programming Languages:** *C, MATLAB, Verilog*
- **Electronics and Electrical***: Digital circuit design, Analog circuit design, FPGA implementation and testing.*

Positions of Responsibility

- **Secretary, Eco and Welfare affairs - (July, 2014 - March, 2015)**
  *Student Gymkhana, Indian Institute of Technology Patna**, Patna, Bihar (India)*
  Secretary for all the Eco and welfare related issues of Girls Hostel.

Extra-Curricular Activities

- Volunteer of "10th Society" a team of 15 who helped the poor children around Patna city - (January, 2013).
- Volunteer of Eco Team, Anwesha (Techno-cultural fest), Patna, India (Bihar) - (February, 2013).
- Organizer of several events at Anwesha - (February, 2014).