



# NATIONAL INSTITUTE OF TECHNOLOGY

(Deemed University)

Warangal – 506004 (A.P.)

## TRAINING AND PLACEMENT SECTION

### CURRICULUM VITAE



KUNAL CHOUDHARY

Third Year Under Graduate Student

Department of Electrical and Electronics Engineering

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### OBJECTIVE

To work in an educational and research environment with the aim of using technological advancements in an efficient manner, thus contributing my knowledge towards the prolific improvement of the society.

### ACADEMIC PROFILE

#### 1. Pre – Engineering

Level	Name of the Institution	Board/Council University	Year of Passing	CGPA / %	Class
Class X	St Paul's School, Sirohi (Rajasthan)	CBSE	2010	9.4	Merit
Class XII	Nalanda Academy, Kota (Rajasthan)	CBSE	2012	84.2	Merit

## 2. B.Tech : Regular

Examination	Year of Passing	SGPA	CGPA	Main Subjects Studied
I Semester	2012	8.73	8.73	<ul style="list-style-type: none"><li>• Maths-2</li><li>• English for Communication</li><li>• Physics Theory and Lab</li><li>• Basic Electronics Engineering</li><li>• Environmental Studies</li><li>• Computer Programming and Problem Solving Theory and Lab</li></ul>
II Semester	2013	9.38	9.05	<ul style="list-style-type: none"><li>• Engineering Drawing</li><li>• Elements of Mechanical Engineering</li><li>• Chemistry Theory and Lab</li><li>• Maths-1</li><li>• Basic Electrical Engineering Theory</li><li>• Engineering Mechanics</li><li>• Workshop</li></ul>
III Semester	2013	9.38	9.16	<ul style="list-style-type: none"><li>• Electric and Magnetic Fields</li><li>• Analog Electronics Theory and Lab</li><li>• Data Structures Theory and Lab</li><li>• Maths-3</li><li>• Network Analysis-I</li><li>• Electrical Measurement and Instrumentation</li></ul>
IV Semester	2014	9.42	9.22	<ul style="list-style-type: none"><li>• Digital Electronics</li><li>• Power Systems-I</li><li>• Network Analysis-II</li><li>• Maths-4</li><li>• Electrical Machines-I</li><li>• Integrated Chip Lab</li><li>• Electrical Measurement and Instrumentation Lab</li></ul>

## SUBJECTS TO BE LEARNT BY THE END OF THIS ACADEMIC YEAR:

Control Systems	Electrical Machines-II
Power Systems-II	Digital Signal Processing
Microprocessors and applications	Engineering Economics and Accountancy
Power Electronics	Power System Protection
Electrical Machines-III	Power System Operation and Control
Electrical Machines-I Lab	Electrical Simulation Lab
Electrical Circuits Lab	Control Systems Lab

CGPA :- 9.22/10 (currently in 5<sup>th</sup> semester)

3. (2014-2016) - Enrolled in TECHNOLOGY ENTREPRENEURSHIP PROGRAMME by INDIAN SCHOOL OF BUSINESS(ISB)

## **PROJECTS AND TRAINING EXPERIENCE**

- Inplant training-2014 at **Bharat Heavy Electricals Limited - Bangalore** (8 WEEK).
  - Learnt about Power Plant Automation and Control Systems.
  - PCB Assembly and System Testing.
  - Traction Systems,Excitation Systems.
  - SCADA, PADO, HVDC, HMI, BOP and Fabrication.
- Currently enrolled in **EPICS** (Engineering project in community service) an initiative by **IEEE**. Working on “Effective energy harvesting using piezoelectric material” .
- Successfully submitted basic electronics projects “Four bit counter” and “Radio Jammer”.
- Member of the institute team making “FORMULA CAR” for the “SUPRA-SAE CHAMPIONSHIP -2014 ” and looking after the transmission and electrical innovation department.

## **ACADEMIC ACHIEVEMENTS**

- **Second Topper** of the branch of **Electrical Engineering** in a batch of **120students**.
- Was one among the 27 students selected for the **TEP** by **ISB**( 2yr Programme) in 700 students.
- Recipient of **MERIT SCHOLARSHIP** for the second year (complete redemption of fees for two semesters)
- Secured **EXCELLENT** in Mathematics in all the four semesters.

## **SOFTWARE SKILLS**

LANGUAGES:- C, C++, PYTHON,HTML,JAVA

SOFTWARES:- AUTOCAD, AVR STUDIO, NI MULTISIM, PSPICE, MATLAB,  
MS WORD/EXCEL/POWER POINT

## **EXTRA- CURRICULAR ACTIVITIES**

- Successfully conducted the event “SPREE GAMES” as an EVENT MANAGER in the institute's cultural fest "SPRINGSPREE 14"(second largest in SOUTH INDIA)
- Member of **IEEE NIT WARANGAL** and volunteer many events related to IEEE in college.
- Participated in ALGOOLYMPICS (qualified for 3<sup>rd</sup> round) in “TECHNOZION 13”(second largest techfest in SOUTH INDIA.)
- Active member of the “**AASHAYAM-TO LITERATE INDIA**” , aimed at spreading the fruits of education to the grass root level and eradicating Illiteracy.
- Studied Data structure and Algorithm courses on COURSERA, UDACITY and edX.
- Have taken part in many music competitions as a singer and was a part of dance club.

## **SEMINARS AND CONFERENCES ATTENDED:**

- Attended the “ CLIMATE LEADERSHIP WORKSHOP” , a one day workshop on advanced environment friendly machines conducted by NATURE CLUB in TECHNOZION 13 (NIT WARANGAL)
- Attended the workshop on “**ROBOTICS AND EMBEDDED SYSTEMS**” organized by Department of Electronics and Communication Engineering, 28<sup>th</sup> and 29<sup>th</sup> september,2013 at NIT WARANGAL

## **STRENGTHS:**

- Decent communication skill, nice grasping capacity, ability to work in a team.
- Nice presentation skills that I proved by giving many presentations on different topics.
- Good confidence levels and extreme positive attitude which helps me to take appropriate decisions at different situations.

**I hereby declare that above specified details are true and correct to the best of my knowledge and belief, and for any discrepancy that may have crept in, I shall be liable to punishment.**

**Kunal choudhary**