

Praneeth.Cheekoti

Undergraduate Final Year(B.Tech)

Department of Electrical Engineering

Indian Institute of Technology Patna

Email-id : praneeth.cheekoti@gmail.comLinkedin : <https://in.linkedin.com/pub/praneeth-cheekoti/7b/13/6b0>

Mobile No.: 09472457152

ACADEMIC DETAILS

Examination	University	Institute	Year	CPI/%
Under Graduate Specialization:	<i>Electrical Engineering</i>		upto 6	semesters
Under Graduation	IIT Patna	IIT Patna	2014	7.94
Intermediate/+2	Board of Intermediate(A.p)	Narayana Jr College	2012	94.10
Matriculation	SSC	SaiGrace High School	2010	93.33

TECHNICAL SKILLS

- **Languages** (C, Java), **Tools** (Eclipse, Pspice, Photoshop), **Electronics and Electrical** (Verilog programming, Analog/Digital circuit Design, Advanced PLC programming, PCB designing).

PROJECTS

- **Detection of unattended packages through human activity recognition and object association** (B.Tech Project)
(Asst.Prof Mahesh H Kolekar , July'15 - ongoing)
 - Designing a tracker, to embed into surveillance camera for unattended baggage detection
- **Reception and Transmission of data from RF seeker OBC to missile OBC** (Internship -P.G.A.D - R.C.I DRDO Hyderabad)
(Sc- F S.Narayanan, Director of P.G.A.D and Sc-D Rajesh Kumar , May'15 - July'15)
 - Designed and implemented an algorithm to connect RF seeker OBC with missile OBC to increase single shot kill probability
 - Involved in physical implementation of the algorithm with real time equipment
- **Half-Duplex wireless Communication Systems** (Design lab Project)
(Asst.Prof Sumantha Guptha , Jan'15 - May'15)
 - Designed Frequency modulator and Demodulator using VCO and PLL
 - Design was successfully implemented on the hardware using voice signal and implemented also in PCB
- **Eye Tracking** (Academic Project)
(Asst.Prof Mahesh H Kolekar , Nov'14 - Apr'15)
 - Construction of Real-time Eye Tracking system using smart camera
 - Learnt a software OpenCV which can be used for interfacing PC and Camera
- **Design of Generators.** (Internship in B.H.E.L Hyderabad)
(Guide: Addl.Eng. G. Nagaraja , May'14 - July'13)
 - Learnt all technological aspects related in designing of a generator
 - Underwent all technical problems that arose while designing a generator

POSITIONS OF RESPONSIBILITY

- Sub-Coordinator for Creative and Design team for the annual Techno-Cultural fest of IIT Patna-Anwasha'13
- Coordinator for Creative and Design team at Techno-Cultural fest Anwasha'14
- Coordinator for Gaming club and Dance club of IIT Patna since a year
- Captain for Counterstrike 1.6 and dota 2 teams