

K. N. P. Raja Sekhar | 1201ME15
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EDUCATION

PROGRAM	INSTITUTION	%CGPA	YEAR
B Tech in Mechanical Engineering	Indian Institute of Technology Patna	6.44	2016
Board of Intermediate,A.P.	Narayana Junior College,Visakhapatnam	89.8	2011
CBSE X	JawaharNavodayaVidyalaya,Visakhapatnam	87.8	2009

SCHOLASTIC ACHIEVEMENTS

- Secured **AIR 2080**,OBC category in IIT-JEE conducted all over India (2012)
- Ranked among top **10%** in AIEEE and EAMCET engineering entrance exams (2012)
- Succeeded upto “VisharadPoorvardh”level in Dakshin Bharat Hindi PracharSabha exams (2007)

COURSES

- Numerical Methods
- Micro Economics
- Macro Economics

SKILLS

- Programming Skills - C, MATLAB
- Machine designing software- SolidWorks, AutoCAD and Pro-E
- Other Skills- Microsoft Office
- Operating Systems- Windows,Linux

PROJECTS

- Amphibious Cycle** (Jan 2014 – May 2014)
 - Designed and manufactured the working model of a cycle capable of running on land as well as on water
 - Aimed at improving the practical travel conditions in flooded regions
- Garbage Collector** (Aug 2014-Dec 2014)
 - Designed and manufactured an efficient garbage collector which is manually powered
 - It works on link based slider crank mechanism.

PROFESSIONAL EXPERIENCE

- Summer internship: **RashtriyaIspat Nigam Ltd.(RINL)** (May 2014-Jun 2014)
 - Introduced to the working function of Continuous casting machine, LD converter, Thermal Power plant, Blast furnace, Rolling mills and coke ovens.
 - Exposed to internal structure of blast furnace during capital repair
- Summer internship : **Heavy Engineering Corporation Limited, Ranchi** (May2015-July 2015)
 - Explored various manufacturing processes in one of the largest foundry plant in India.
 - Acquired practical knowledge on manufacturing and assembly of products like EOT cranes ,Coke pusher, Coal charging car and Coke guide car

POSITIONS OF RESPONSIBILITY

- Hostel Mess Secretary** (July2015-Present)
 - Co-ordinated and handled the mess facilities for over 500 students
 - Working towards providing better options for dining and hygienic conditions

CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES

- NCC cadet during 2006-2008 , participated in Winter camp held in 2007 and received level A certificate
- Member of Security Team for Anwasha 2013,IITPatnaTechnical and cultural fest
- Conducted a survey in Bihta village as a part of “Unnat Bharat Abhiyan” a Govt. of India programme aimed to uplift and develop rural India
- Created a realistic model of the ancient weapon Trebuchet using the basic principles of physics and won 2nd position in the competition