

Akash Gajbhiye

3rd year | DOB : 5th April 1996

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Objective : To pursue a summer internship in the field of Automobile Engineering and associate with an organisation that offers me opportunity to grow.

EDUCATION

IIT - PATNA

UG THIRD YEAR B.TECH IN
MECHANICAL ENGINEERING
CPI : 7.8 / 10

KENDRIYA VIDYALAYA AJNI

INTERMEDIATE/+2 MAY 2013 |
NAGPUR, INDIA
Percentage : 86%

KENDRIYA VIDYALAYA AJNI

MATRICULATION MAY 2011 |
NAGPUR,
INDIA
Cum. CGPA: 9.6 / 10

LINKS

quora:// Akash Gajbhiye

LinkedIn:// akash gajbhiye

COURSES UNDERTAKEN

Engineering Drawing
Engineering Mechanics
Solid Mechanics-1,2
Fluid mechanics-1,2
Thermodynamics
Applied Thermodynamics
Design of Machine Elements
Manufacturing Technology
Heat and Mass Transfer
Kinematics of Machinery

SKILLS

APPLICATION SOFTWARE

- Autocad • Ansys
- Catia • Matlab
- MS-Office

MACHINERY OPERATIONS

- Welding/Casting • Rapid Prototyping
- WEDM • Lathe and Milling
- Worked on UTM, Brinell Hardness test, Torsion Test Machines

PROGRAMMING LANGUAGES

- C • Java
- C++

AREA OF INTEREST

- Automobile Engineering
- Thermodynamics
- Renewable Energy
- Combustion

ACADEMIC PROJECTS

SUPRA-2015 May 2015 – July 2015

Guide : Dr. Manabendra Pathak

- Participated in the event in which we have designed and fabricated a Formula-One Racing Car .
- Worked as a Fabrication Expert in the Supra Team.
- Got hand on experience on the first car made in IIT Patna

SUPRA-2016 Virtual Round (October 2015)

Guide : Dr. Manabendra Pathak

- Completed Fatigue Analysis of Mounting points of Engine.
- Designed the double Rocker Mechanism for gear lever.

ENERGY GENERATION THROUGH SPEED BRAKER | WORKSHOP PROJECT GUIDE : DR. PROBIR SHAH

- This Project mainly involves the complicated spur gear arrangement which is used to generate energy from the to and fro (both) motion of the speed braker .
- Completed the work of drawing in Autocad

WHEEL-OPENER | WORKSHOP PROJECT GUIDE : DR. S PANDA

- The main objective of this project was to open all 4/6 nuts of the tyre at one time due to rotation of a single shaft.
- It includes the function of mainly Bevel gears .

HYDRAULIC ARM

- The main objective of this project was to use practical knowledge without using any drawing skills in software .
- It includes the arrangement of syringes and wood .

EXTRA CURRICULUM ACTIVITIES

- Attended Workshop on IC Engine , learned working of Engine, technologies used at present , efficiency improvement .
- Vice-President , Society of Automotive Engineer .
- Vice Captain of TeamSupra IITPatna .
- Active member of SAE(Society of Automotive Engineers) and SCME(Student Council of Mechanical Engineering) .
- Event Organiser of Celesta(Tech-Fest of IITP) and Technical events in Anwesha 2015
- Winner of Hydraulic-Arm ,Robo-Wars ,Wall-E Competition in celesta 2014