

VITTHAL PANDEY

B.Tech, 4th year
Department Of Mechanical Engineering
Indian Institute Of Technology Patna

(+91-8935868836,)
vitthalpandey649@gmail.com
vitthal.me12@iitp.ac.in

PERSONAL INFORMATION

Father- Late Mr. N.K.Pandey

Languages- English and Hindi.

Mother- Late Mrs. Anita Pandey

Date of Birth- 02/July/1995

EDUCATION

Under-graduation: Indian Institute Of Technology, Patna.

Degree	DEPARTMENT	CGPA	DURATION
B.Tech	Mechanical Engineering	8.42	2012-2016

Schooling: S.M.P School ,Allahabad,Uttar Pradesh-India

Class	PERCENTAGE	BATCH RANK	YEAR OF PASSING	STATE/BOARD
X	9.8 CGPA	1 ST	2010	CBSE Board
XII	89.6%	1 ST	2012	CBSE Board

OBJECTIVE

- ❖ To work in a challenging environment demanding all my skills and efforts to explore and adapt myself in different fields and realize my potential where I get the opportunity for continuous learning.

INTEREST IN RESEARCH AREAS

- ❖ Non-linear Elasticity
- ❖ Failure Criteria for Composites
- ❖ Turbulence and Heat Transfer
- ❖ Automobiles

INTERNSHIP AND PROJECTS

SUMMER 2014: PROJECT ASSOCIATE, INDIAN INSTITUTE OF TECHNOLOGY MADRAS, INDIA

- ❖ Worked as project associate in thermal and failure analysis of filled Elastomers, sponsored by MRF Tyres, under Professor Krishna Kannan, Dept. of Mechanical Engineering, Indian Institute of Technology Madras.

SUMMER 2015: INDUSTRIAL TRAINEE, FINISAR MALAYSIA – Ipoh(Malaysia)

- ❖ Worked on ALP Machine to minimize the overshoots caused while pressing the Laser Diode into lens Housing Assembly. **Result** Weekly Yield of the Machine increased from 99.02% to 99.97%

SAE INDIA BAJA (2014-2015).

- ❖ Vice-Captain of the team which aimed to design and fabricate an All-Terrain Vehicle and compete at national level. **RESULT:** Qualified virtual round as only team from the state and one of the only two IITs and manufactured the vehicle.

HUMAN POWERED VEHICLE CHALLENGE-2014

- ❖ Member of the team which designed and manufactured a Human Powered Vehicle to compete at national level in an event organised by American Society of Mechanical Engineers(ASME). **RESULT:** Team got All India Rank of six among about Forty teams

POLE CLIMBING ROBOT CHALLENGE-2013

- ❖ Captain of the team which designed a manually controlled Robot which can climb on a Pole in very less time. **RESULT** Team selected in top Six among around 150 teams.

VEHICLE PARKING SYSTEM FOR MODERN LIFE-2012

- ❖ Captain of the team which designed and fabricated a prototype for vehicle parking in crowded areas. **RESULT:** Awarded with First prize.

TECHNICAL UNDERSTANDING

EXPERIENCE WITH MACHINES

- ❖ CNC milling and lathe, Lathe machine, Grinding machine, Power Drill, laser Cutting Machine, Optical Micro Scopes, Hydraulic Press, Ultra Sonic Machine, WEDM and Welding Machines.

SOFTWARE SKILLS

- ❖ Softwares- SolidWorks, AutoCAD and Pro-E, Ansys, Abaqus, HyperWorks, ELCAM,MS-Office, LaTeX.
- ❖ Programming Skills- C, C++, Java (OOPS), MATLAB, Python.

EXTRA CURRICULAR ACTIVITIES

- ❖ Technical Sub-coordinator of Student core-committee for Techno-Cultural Fest of the Institute
- ❖ Coordinator of Undergraduate Lecture Series || Student Council of Mechanical Engineering, IIT Patna.