



Anubhav Jain

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OBJECTIVE

A Mechanical Engineering Student from NIT Hamirpur Intend to build a career in a Hi-tech and competitive environment with proficient people whose guidance will help me to explore my abilities and realize my potential.

ACADEMIC DETAILS

Year	Name of the institution	Course	CGPI/Percentage
2016-present	National Institute of Technology Hamirpur	Bachelor of Technology (Mechanical Engineering)	7.77
2015	K.I.C. Inter College Gursarai, Jhansi	Intermediate (U.P. Board)	90.6
2013	S.M.B.S.S.K. Inter College, Gursarai, Jhansi	Highschool (U.P. Board)	87.83

PROJECTS

1. Design and Fabrication of Manual Combat Robot

Sept2017-Jan-2018

It is a manual combat robot designed and manufactured for Robowars competition held at Cognizance, IIT Roorkee. IT is basically 2-wheel drive system by E-bike motors with two weapons Drum and Pneumatic. It also features gyroscopic effects and manoeuvre in arena. Bot is designed using software like Solidworks and Ansys.

2. Design and Analysis of Student Formula Race car

Aug 2018-present

This project is guided by SUPRA SAE INDIA. In this project our team aims at building a race car which is most efficient in terms of aerodynamics, fuel efficiency and other design parameters.

3. Design and Analysis of Commercial Electric Car

Dec 2018-present

Mentor- Prof. Vinod Yadava, Director NIT Hamirpur

In this Project, our team aims at building a commercial electrical vehicle for campus use. Design of the car is completed. Manufacturing is yet to start.

4. Remote Controlled Plane

Feb 2018-March 2018

An Aerodynamic model of Boeing 737 is designed and manufactured under various aerodynamic conditions. Our next Project is to make plane autonomous So it can take off autonomously and sustain in any type of weather conditions.

5. Gearless Transmission

Oct 2017-Nov 2017

A Prototype in which power is transmitted without use of gears is demonstrated in the exhibition held at NIT Hamirpur.

6. Semi-Automated Bot for Cleaning Between Railway Tracks

Dec 2018- present

This project is in progress and the main purpose of this project is to clean and sanitise the railway tracks automatically especially in the railway stations.

TECHNICAL PROFICIENCY

Software's	Solidworks, Ansys, AutoCAD, Catia, MS office, Lotus Suspension Analysis, Adobe Photoshop
Language	C (basics), MATLAB
Relevant Courses	Strength of Material, Machine Design, Thermodynamics

WORK EXPERIENCE

Advance Automobile Workshop

IIT Bombay, Dec 2017

It specifically focuses on advancement in Engines, Suspension, Transmission along with a basic knowledge about autopilot in cars. Conveyance of Workshop is through some designed animations to visualize us before going into practical things.

Bharat Heavy Electrical Limited

Jhansi, May- June 2018

My training was in in production line of locomotive engine WAG-9H of Indian Railway where I learn the basic assembly of engine, working of Pantograph etc.

Aeva Electronics

Work from Home, June-july2018

This is sales intern in which I have to convince the customers to buy their Home Automation Product through mails and calls.

EXTRA CURRICULAR ACTIVITIES

Achievements

- In top 1.5% among 11 lacs Candidates in JEE Main 2016.
- Secured 1st rank in district in 12th Board Examination.
- Secured 3rd rank in district in Science Exhibition.
- Winner of Aptitude Quiz Organized by Team SOME at NITH.
- Secured 6th rank in Robowars Competition held at Cognizance IIT Roorkee.
- Participated in Boeing Competition held at Techkriti IIT Kanpur.
- Secured 5th rank in Periloscope Competition held at Techfest IIT Bombay.

Interpersonal Skills

- Team and event management
- Confident, Adaptable and Flexible
- Good time management skills
- Hardworking and punctual
- Efficient Decision making

Position of Responsibility

- 1. Secretary at Team ISTE-NITH**
 - Worked with a team of 40 members to organise PRODYOGKI 2K18
 - Organised NITs first Modal United Nations in 2017.
 - Organised Mech Eng. Events (Rube Goldberg Amphion, Mangalyaan)
 - Represented NIT Hamirpur at Techfest, IIT Mumbai.
- 2. Leader at Team Cyborg**
 - Team of Mech, Eng., students which take part in various completions held throughout the country.
 - Represented NIT Hamirpur in Robowars at Cognizance IIT Roorkee.
- 3. Coordinator at Society of Mechanical Engineers (SOME)**
 - Worked with the team of 20 students to organise YANTRIKI 2k18.
 - Organised exhibition with demonstration of various type of mechanisms and engines.
- 4. Vice President at PAHAL**
 - Pahal, an initiative by Team ISTE under Dean Academics aims to help freshers.
 - Counselling regarding the college.
 - Help through admission process.