

Prashant Sharma | Engineering Graduate

Location: Mumbai

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Objective

I would like to study and work in a challenging and creative environment, which will help me in sharpening and enhancing my skill sets. Finally, I would like to contribute the knowledge gained for the betterment of my own country.

Education & Qualifications

BEng

2016 -2019

Mechanical Engineering

Bharati Vidyapeeth's College of Engineering Lavale, Pune.

Core Modules: Thermodynamics, Engineering Maths III, Fluid Mechanics, Applied Thermodynamics, Electrical and Electronics Engineering, Heat Transfer, Turbo Machines, Mechatronics, Design of Machine Elements, Dynamics of Machinery, HVAC, Energy Engineering, Advance Manufacturing Process.

- Presented a Seminar and case study on "Artificial Intelligence".
- Presented and published paper on "Plastic Recycling Plant".
- Participated in National level project competition and exhibition 2019.
- Competed as part of a team in the Polaris Rally Car Design Challenge to design, build and race a double-seat Off road car. Coordinated team meetings and took a lead role in designing braking system, delegating tasks and evaluating progress against targets.

Project:- Plastic Recycling Plant

- The main purpose of this project was to built cost effective plastic recycling machine for granule products for plastic industries and to make a portable and eco friendly environment by recycling of waste plastic.
- This machine shreds plastic in small pieces and then small plastic pieces are fed in compression moulding machine where it is heated at certain temperature and pressure is applied by screw jack, the molten plastic then takes the shape of the mould .

Diploma

2014 - 2016

Mechanical engineering

Viva College of Diploma Engineering and Technology, Virar

Core Modules :Mechanical Engineering Drawing, Strength of Materials, Thermal Engineering, Theory of Machines, Power Engineering, Automobile engineering, Industrial Fluid Power, Solid Modelling, Production Engineering and Robotics Design of Machine Elements.

- Secured 2nd prize in Aero stunt event in Inter college level competition "Techchase Enginario" held in Viva Institute of Technology, Virar.

Project:- Pedal Powered Electricity Generator Using Alternator

- Our goal for this project is to design and implement a bicycle power generator for the generation of electricity by safe and reliable means.
- This machine consists of cycle on which alternator is coupled to rear wheel with V-belt, as we start pedalling, it runs alternator and generates electricity.

HSC (12th)

Science(physics, chemistry, maths)

2012 - 2014

Utkarsh Vidyalaya and Junior college, Virar.

- Secured 48.46%.

SSC (10th)

Maharashtra State Board of Secondary and Higher Secondary Education.

2012

St. Xavier's High School, Virar.

- Secured 71.09%.

Career Summary

June 2019 - March 2020 Intern at Babu's Shipping Private Limited.

Undertook an internship, and sat Within a team Of 10 engineering professionals,.

Key Responsibilities

- Worked with diesel engine and turbo charger technologies, supporting the engineering team with manufacturing tasks and projects.
- Identified ways to modify and improve current processes and procedures and made recommendations to senior colleagues.
- Assisted with the implementation of new processes, systems and technology, providing training to staff and creating supporting documents and resources. Ensured all safety regulations were adhered to.
- Resolved technical issues identified by senior technician.

Additional Information

- Highly competent user of Microsoft Office: Word, Excel, Access and PowerPoint.
- Effective user of social media: Twitter, Facebook, Instagram and YouTube.
- Good working knowledge of both Microsoft Windows and Mac OSX environments.