

Vyom Mittal

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Objective

To work in a challenging environment of a recognized company where I can utilize my technical and analytical skills to solve problems and perform given tasks.

Education Qualification

- B. Tech (Mechanical Engineering) from A.B.E.S Engineering College, Ghaziabad.
- 12th with aggregate 81% from D.P.S., Meerut (C.B.S.E) in 2013.
- 10th with 9.8 CGPA (out of 10.0) from D.P.S, Meerut (C.B.S.E) in 2011.

Technical Skills

- Machines: Lathe, Drill, Milling, Shaper, Grinder.
- Designing Software: Catia, Autocad.
- Development tools & languages: Basic C , Basic HTML
- Operating systems: Windows, Ubuntu.
- Application packages: MS Office.

Professional Skills

- Excellent verbal and personal communication skills.
- Accuracy and Attention to details.
- Ability to make sound decisions while being calm.
- Patient and moderately adaptive.
- Good people management and prioritization skills.

Projects

Project Name : SAE Baja.

Organization : SAE India.

Duration. : 6 Months.

Team Size. : 16

Description. : Designing and manufacturing of an All Terrain Vehicle(ATV). It is a national level event where vehicle's performance is tested on different terrains .

Learning: In-depth learning about designing and mounting of suspensions, acquired knowledge about steering calculations, braking systems and transmission.

Project Name : Design and analysis of various structures of bike alloy wheels.

Organisation : ABES Engineering College

Duration : 1 year

Description: Creating simulations of various alloy wheel designs that focus on reducing the mass of the current design. The new design include reducing the number of spokes, modifying the design of spokes.

Internship

Company : India Yamaha Motors Pvt. Ltd.

Title : Manufacturing process of two wheeler

Duration: 2 Months

Discription: IYM's Manufacturing facilities comprises of 2 state-of-the-art Plants at - Faridabad (Haryana) and Surajpur (Uttar Pradesh).

The infrastructure at both the plants supports production of motorcycles, scooters and it's parts for the domestic as well as overseas market. At the core are the 5-S and TPM activities that fuel the agile Manufacturing Processes. They have In-house facility for Machining, Welding processes as well as finishing processes of Electroplating and Painting till the assembly line.

Learning: In-depth learning of all manufacturing processes involved in making of a 2 wheeler. I worked in the muffler line and exhaust pipe division. We did time study on the worker in muffler line and found out ways to increase the production by reducing the wasteful time.

Achievements and Awards

- Participation Certificate for SAE BAJA competetion.
- 1st prize in college level quiz competetion.
- 3rd prize in sketching competetion.
- 3rd prize in skating competetion.

Interests

- Travelling
- Bike Riding
- Playing Football, Tennis
- Playing Guitar

Personal Details

- Father's Name: Mr. Pankaj Mittal
- Date of Birth: Oct 25th, 1995
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