



# POORNIMA UNIVERSITY

**REPORT ON  
INDUSTRIAL VISIT TO TRIVENI PUMPS PVT.LTD.  
Jaipur on 3 August 2018  
(Partial fulfillment of the Department of Non-Syllabus Activity)**

Student of Department of Mechanical Engineering, Poornima University visited Triveni Pumps Cast on August 3, 2018. When a student comes to 2<sup>nd</sup> year in mechanical engineering, he got the real engineering subjects which introduce him to engineering, because in 1<sup>st</sup> year the student only study the general basics of Science and Mathematics. In 2<sup>nd</sup> year we study about the materials and its uses and types, casting, moulds, etc. Very few of all have the privilege to know practical aspects of such subjects. Students think of how the thing actually looks like from inside and out. This visit cleared most of our wishes.

We met with one of the most helpful team of employers and workers at Triveni Pumps cast. The whole plant is divided into 4-5 parts and section ranging from pattern, mould and final product. They explained us all the things which use in making the final product and about the process and materials used in that process. Our faculties gave us a detail insight about the machines used. We could see the whole process that how a metal covert into water motor.

This kind of industry also needs many machines through which the material is passed for making final product. The some machines are Lathe machine, CNC, Induction Furnace, Shot Blasting etc. These machines help to melt the material, gave a shape and in finishing of that product. And some work is not done by machine it done by hands of workers.

Then our faculty Mr. Saurabh Mathur and Mr. Jay Prakash gave us the insight of the working of machine. We come to know about the processes and material used. We wonder about many processes are used to make a product and how the cleaning is done.

The overall visit was very interesting and mind absorbing. The real life insights will surely help in our studies. I kind hearted thank our department for arranging such a visit for us.

