

## Noble Group of Institutions

### Industry Visit Report

1	Company Name	JYOTI CNC AUTOMATION LTD.
2	Location	METODA – JUNAGADH
3	Date	18/2/2017
4	Time	9 AM TO 5 PM
5	Semester	4 <sup>TH</sup>
6	Name of Department	MECHANICAL
7	Number of Students visited	51
8	Number of Faculties accompanied	2

#### **Objective:**

To develop practical knowledge of students.

To realize & familiar with new technology which is used in industry.

To familiarize with casting process and machining process.

#### **Company Profile**

Driven by a vision to build the company into “A Temple of Technology” Jyoti was established in 1989 and today it is one of the largest multinational. Since inception company has grown manifold from manufacturing gear boxes for machines to developing precision all-g geared head lathe machines.

Later jyoti was the first company to manufacture CNC machines in Gujarat. It was not an end, there are many firsts attached with Jyoti since then. The company has a wide product basket consisting of series of CNC Turning Centers, CNC Turn Mill Centers, CNC Vertical Machining Centers, CNC Horizontal Machining Centers, CNC Vertical Line Machines and High-tech CNC 3 axis and 5 axis machining centers. Jyoti has rightly identified shift from conventional machines to highly sophistic cnc machines.

## **Experience:**

It was good experience for the students as well as faculties to familiarize with the technique used in that industry. Good support from the guide of company to familiarize product operation and its assembly.

## **Learning from visit:**

It was a CNC machine manufacture company. CNC machine was made from number of operation in Jyoti CNC Company. Students learnt various casting process like die casting, sand casting. Students also saw the different machining operation which performed on CNC parts like bending, cutting, welding, shearing etc. Students also saw the fitting shop, assembly shop storage department etc. Students learnt from that visit that how a CNC machine actual made and how many types CNC machines are utilize in the industries for better production aspects.

## **Acknowledgement:**

Students are thankful to the company and college to make such a great experience of the learning of manufacturing of CNC machine. It increases the knowledge of students' step by step production, planning and maintenance system.

## **Photograph:**



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