



## DEPARTMENT OF MECHANICAL ENGINEERING

### REPORT ON INDUSTRIAL VISIT - 2019

DATE – 05/10/2019 (SATURDAY)

TIME – 10:30 AM Onwards

#### PLACE OF VISIT:



ENGINEERING TECHNIQUE

173, GIDC Makarpura,

Vadodara – 390010,

Gujarat, India

### Industrial Visit – Engineering Technique Industry

As a part of the GTU Curriculum, Mechanical Department of Khyati School of engineering organized an Industrial Technical Visit for the III<sup>rd</sup> Semester (II Year) Mechanical Engineering students at **Engineering Technique**.

Diploma Mechanical Engineering in its II<sup>nd</sup> Year inculcates an important subject of Manufacturing Engineering-I for the students which includes a broad concept of advance manufacturing in recent trends.

To understand the advance technicality and practical approach to the manufacturing process and to understand the same in industry environment was the basic aim of the technical visit.

The visit was organized on **05/10/2019 (Saturday)** from 10:30 AM onwards.

The visit was a part of two-day skill development program on “digitalization in manufacturing”

## **BACKGROUND OF THE COMPANY**

Engineering Technique is the authorized resellers of SOLIDWORKS 3D CAD Design Software and Envision TEC 3D Printers in India. They have an experienced and dedicated design engineering team who can fulfill all your mechanical CAD design and 3D printing needs with the best quality and time-bound assurance.

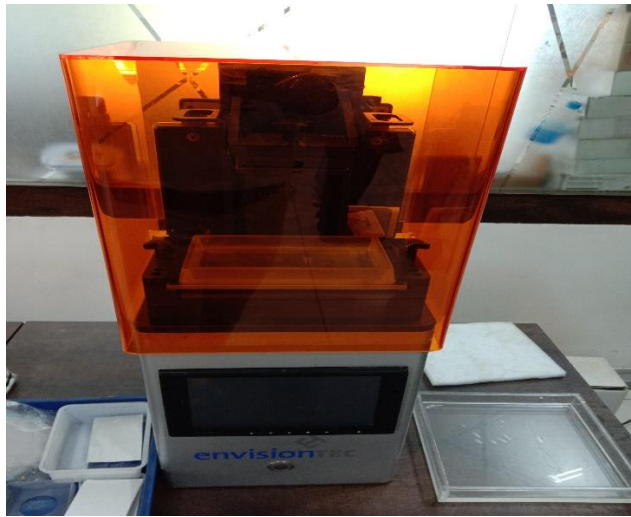
MISSION of Engineering Technique is to enable manufacturing and engineering companies to achieve their business goals in shortest possible time by providing them Quality Solutions and Services for Design Innovation.



## **DESCRIPTION OF THE VISIT**

The visiting team included 20 students of mechanical department accompanied by faculty of the department Mr. Nairut Shah .Around 10:30 AM the team entered in the premises of Engineering Technique. We were given a warm welcome with a welcoming speech and introduced Engineering Technique to the students. Thereafter we were explained regarding the safety measure to be taken in the industry. The students were also motivated to be an Entrepreneur. Following 3D printers were shown to the students.

## Micro Plus Advantage



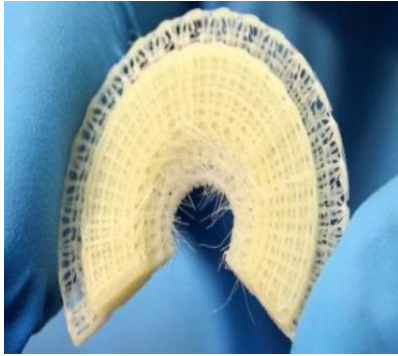
A Desktop 3D Printer for Professionals. The Micro Plus Advantage is a cost-effective 3D printer that is ideal for jewelers and other designers specializing in small, precise components. It is capable of building 10-12 average-sized rings in a single build. Following product can be manufactured by 3D printer

## 3D-Biplotter:

The 3D-Biplotter Developer Series is designed for research groups new to the field of tissue engineering, as well as for specialized use, where limited capability may still meet requirements. It consists of the same basic hardware and software as the Manufacturer Series but with reduced park position functionality. It is still capable of using multiple modular head types and an optional heated platform.



Application of 3D Printer





## Ending The visit

Around 1 PM the students had finished visiting the entire industry and were thoroughly satisfied with the visit of each and every shop of the industry. After that it was a question answer session regarding visit. all the questions were explained by Mr. Rudresh Vyas & his team.



The students were then offered lunch and cold-drinks as a part of hospitality. Some final words of encouragement were given by Mr. Rudresh Vyas to the students and then the students gathered in seminar hall for seminar on “**Recent Trends & Development in 3D Printer**”

At the end of seminar certificate were given to students for participation in two-day skill development program on “digitalization in manufacturing”



The students of Mechanical Department fully enjoyed the technical visit and would like to thank Mr. Rudresh Vyas and his team for their invaluable time and guidance throughout the visit. The students of mechanical department would like to thank Dr. Shital Shah, Principal and Mr. Kartik Patel, Trustee and Binita Mam, Director for allowing them to go for an intriguing technical visit.



Faculty For Visit:

Mr. Nairut Shah  
Mechanical Department,  
Khyati School of Engineering.

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