



RIET

**RAJASTHAN INSTITUTE OF
ENGINEERING & TECHNOLOGY**

Approved by AICTE & Affiliated to Rajasthan Technical University

Report

on

“Industrial Visit”

Organized

By

MECHANICAL DEPARTMENT

on

4th October, 2016

Industrial Visit

Industrial visit is a vital part of engineering courses. It help Bridge gap between classroom and real world. Through industrial visit engineering students are opened to real world, where they get to know what is engineering and what is their future profession. One of the important objectives of engineering courses is desire prepare graduates to quickly become productive upon entering the workforce. Therefore industrial visit make students understand the subject to its core and its deeper practical experience in real field situation. Universities apply different methods to corporate practical experiences and real world applications into their curricula to prepare students for the technical challenges they might face in workplace. Industrial visit is providing you an opportunity to gather information about your academic lessons, which cannot be visualized in classrooms .But nowadays the main objective behind the industrial visit, is not fulfilled. Students are just visiting the companies for name sake. They are unaware about the importance of industrial visit. Many experts made studies on importance of industrial visit in a student's career .As per expert view; industrial visit is one of the most important factors in technical education. A good industrial visit will give the students an opportunity to learn things practically in a real-time functional environment through interaction, witnessing the working methods and clarifying the doubts from experienced workers .There is a lot of difference between the information we get from books and what we earn by seeing.

Rajasthan Institute of Engineering and Technology had organized an Industrial visit to AMTEK – Automotive division especially for Department of Mechanical Engineering students of IIIrd Year in order to enhance their practical experience and Industrial exposure by letting students have an overview of the manufacturing process of components made by the companies.

AMTEK industries located at **Sco-13, 14, 15, 3rd Floor, Sector-34a, Sector-22, Sector-22, Chandigarh, 160022**, the visit was made possible by prior confirmation by Head of Department, Mechanical Engineering Mr Raghav Singh Dhakar.

Mr Bheem Raj, Mr Joginder & Mr. Avdesh Dixit were coordinators for the entire visit.

AMTEK

The Amtek Group, headquartered in India, is one of the largest integrated component manufacturers in India with a strong global presence. It has also become one of the world's largest global forging and integrated machining companies. The Group has operations across Forging, Iron and Aluminum Casting, Machining and Sub-Assemblies. It has world-class facilities across India, Japan, Thailand, Germany, Hungary, Italy, Romania, UK, Brazil, Mexico and US. The Amtek Group is comprised of corporate entities Amtek Auto, JMT Auto, Amtek Global Technologies and other subsidiaries and associates. With the infrastructure and

technology platform developed over 25 years, the Group is well positioned in the Indian Auto and Non-Auto component markets.

We visited their Automotive Division located in Himachal Pradesh.

AMTEK Mission

“To be became a world class engineering company in the Automotive and Non-Automotive sector. This is to be achieved by capitalizing on our superior technology base for the benefit of our customers, suppliers and stakeholders.”

Motive of Industrial Visit

Amit Arora from AMTEK, he brings rich experience gained from customer engagements around the world through technology partnerships and strategic alliances. This results in realizing superior value to help industries perform efficiently and profitably. The visit was guided by Mr. Amit Arora, who first gave a brief description about AMTEK Engineers to the students through a presentation. The students were then divided into two groups. The first department the students visited was the Forging Department which was followed by machining Division where they saw and learnt about injection molding machines. After visiting machining Division they visited Tool Room Division where clutch plate etc are manufactured with the help of Vertical Milling Machine. After that the students visited Technical Training Room.

They had question and answer session after their manufacturing division visit. The students were also served refreshments. The visit was very fruitful for students as they understood very well about the manufacturing process of various automotive parts widely used in two wheelers to tractors in India.

