

**Industry Institute Interaction Cell**

**AICTE CII Survey Curriculum (Student) Input Activity Report**

**Title of the Activity**

(Student Industrial Visit)

**Event Information**

**Event Type:** Student Industrial Visit

**Event Topic :** Pneumatic and Automation

**Name of the Resource Person:** Mr. Romit Sawani

**Industry Affiliation:** SMC Corporation India Pvt Ltd

**Event date:** 28.01.2023

**Organized for:** TE Student

**Organized by:** Dr Pradip P. Patil

**No of Students attended:** 18

**Attachments:** 1. Event Description (Maximum 500 words including major areas covered)  
2. Photographs  
3. Impact Analysis

**1. Event Description:**

A visit is organised for students of third year mechanical Engineering students to understand the importance and application of pneumatics in industry. Students visited the training center, Mr Sawani presented the overview of SMC corporation: 8800 crore turnover, 11000 employees, three R&D centers in India and markets share of 34 % in pneumatics/Hydraulics and automation including Robotics.

Mr Kale, Head of training division provided insight in the automation industry. He provided the instances for need of automation including Energy monitoring, sustainable design, fault monitoring in pneumatic component.

Mr. Gadgil , technical trainer at SMC, introduced the innovative method to aware students about pneumatic component. Students also learned the usage of components used in practice in Industry.

## 2. Photographs



## 3. Impact Analysis:

18 students of third year mechanical Engineering department visited to SMC pneumatics India Pvt Ltd, training center in Belapur, Navi Mumbai, for gaining practical knowledge of Pneumatics and Automation.