Industry Institute Interaction Cell

<u>AICTE CII Survey Curriculum(Faculty) Input Activity Report</u>

Title of the Activity
(Guest Lecture)

Event Information
Event Type: Guest lecture
Event Topic : **Faculty Industry interaction program**
Name of the Resource Person: Mr. Anandan PremKumar
Industry Affiliation: Siemens India, Mumbai
Event date: 24-01-2023
Organized for Mechanical Engineering Faculty
Organized by: Dr. Pradip P. Patil
No of Student attended: 31
Attachments: 1. Event Description (Maximum 500 words including major areas covered) **2. Photographs** **3. Impact Analysis**

Event Description

In view of the awareness on Industry 4.0, Guest-lecture is organized for inculcating interest and planning for content inclusion in teaching learning process. This activity will be organized for faculty with association industry experts from reputed industries.

The audience were Mechanical engineering staff members. At the beginning, Dr. Pradip P. Patil welcomed Mr. Premkumar and briefly introduced speaker about his experience and association with Siemens.

Mr.Premkumar delivered contents related to Industry 4.0 technologies. He presented the contents on elements of product and process twin. In developing the product twin, he mentioned the requirement of three software: NX for product modeling, MCS for communication of product data and PLC for automating the product twin.

While discussing the process twin, he demonstrated the complete automation of process plant for performance monitoring.

1. Photographs (in JPEG/PNG)

Speaker in action

Students Interacting with Speaker

2. Attendance report (Scanned copy)

All 9 staff members attended the meeting on 24-01-2023.

3. FeedbackReport (Scanned copy)

Criteria (Tick the appropriate column)	Strongly Agree	Agree	Disagree	Strongly Disagree
Session was relevant to me	9	0	0	
Length of session was sufficient	8	1	0	
Contents were well organized	7	1	1	
Questions were encouraged	8	1	0	
Instructions were clear and understandable	8	1	0	

Impact Analysis:

Summary: Faculty member interacted with Mr Premkumar for improving students skill set in the area of digital twin. He also focused on need for including the content in the course.