



# Gandhinagar Institute of Technology

A Report on

“Online expert lecture on Industrial Automation”  
(15<sup>th</sup> March 2022, Tuesday)

## Highlights of the Session

- Welcome speech
- Introduction of Expert
- Lecture Session by Expert
- Practical examples by Expert
- Vote of Thanks

## Event Details:

Date: **15/03/2022**

Organized for: **4<sup>th</sup> Sem EE and EC students**

No. of Participants: **45 (EE-27, EC-18)**

Mode of Event: **Online (Google Meet)**

Delivered by: **Mr. Naman Vashishth (System integrator at ATS Automation, Canada)**

Coordinated by: **Prof. Naitik Trivedi**

## Introduction:

An online expert lecture on “Industrial Automation” was held in the Electrical Engineering and Electronics & Communication Engineering Department of Gandhinagar Institute of Technology on 15<sup>th</sup> March, 2022. The session was organized for 4<sup>th</sup> Semester EE and EC students. Total 45 students along with 7 faculty members had attended the session out of which 27 students were from Electrical Engineering Department and 18 students were from Electronics & Communication Engineering Department. This workshop was coordinated by Prof. Naitik Trivedi, Asst. Professor of Electrical Engineering Department.

This online expert lecture on “Industrial Automation” was delivered by Mr. Naman Vashishth, working as a working as a system integrator at ATS Automation – Cambridge, Ontario, Canada. ATS is an industry-leading automation solutions provider to many of the world’s most successful companies founded in 1978.

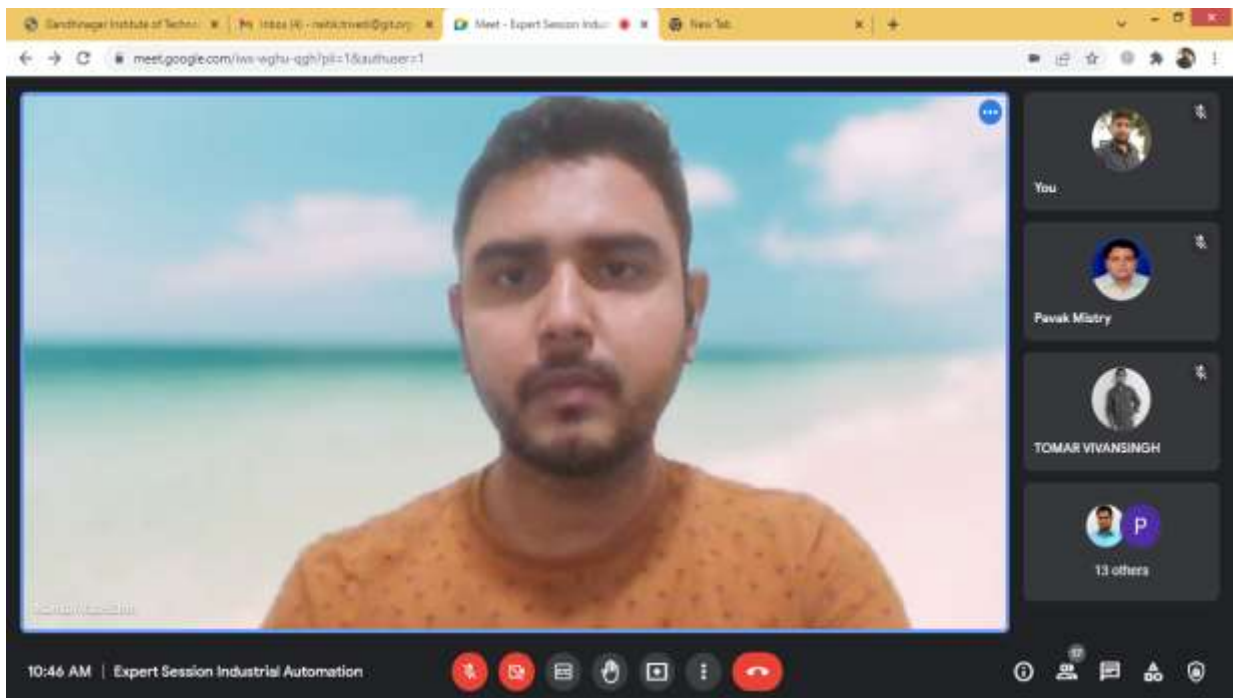
## Event Overview:

The main objective of this expert lecture was to give an idea about fundamentals and working of Industrial Automation as well as provide a brief overview of the present scenario of Industrial automation, different types of sensors, types of software used as well as different types of production process used in industry. The session was highly interactive and participants actively interacted with the expert. The session was very interesting and successfully met the objectives for which it was planned and organized.

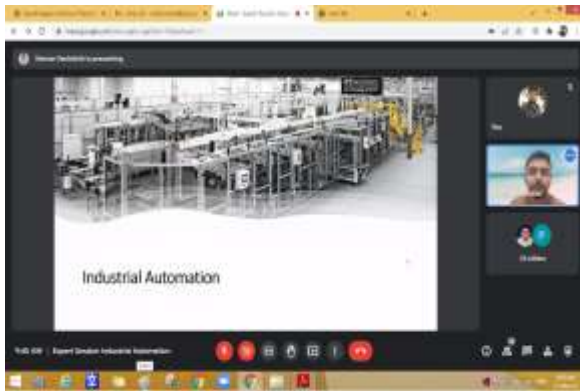
Mr. Naman Vashishth had discussed the realization of industrial automation with its domains and subsystem. He then showcased the conceptual architecture of automation with its benefits and limitations. The Expert also talked about the Critical applications and services of the Industrial automation. He had also guided students about the different opportunities available in the area of automation.

Students enjoyed real life practical examples very much and they were encouraged to follow the industrial automation technology. Faculty co-coordinators and expert guided them how to study and understand automation and to become a better Engineer. Participants gave their valuable feedback for the whole programme.

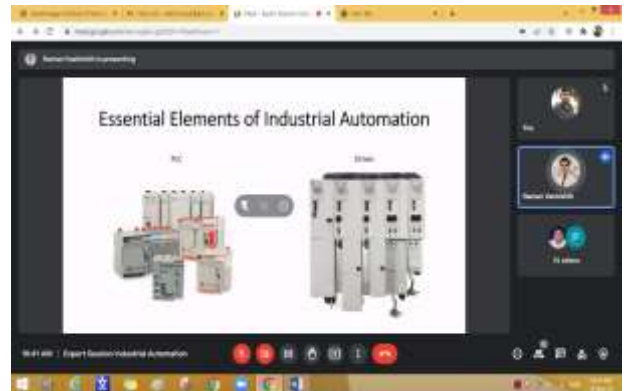
## Moments / Photo Gallery: Online Events Photographs



**Prof. Naitik Trivedi welcoming the expert as well as all the participants**



**Mr. Naman Vashishth explaining industrial automation**



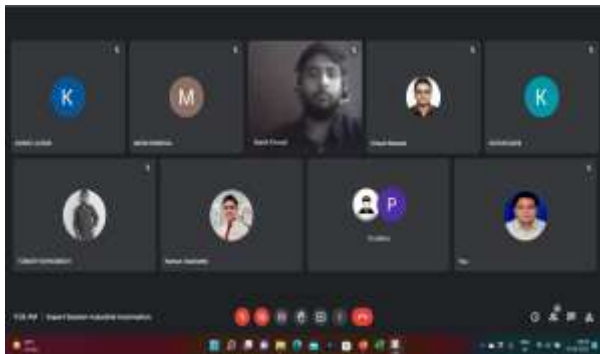
**Mr. Naman Vashishth explaining essential elements of industrial automation**



**Mr. Naman Vashishth showcasing different software used in Automation**



**Mr. Naman Vashishth solving the doubts of the participants regarding Sensors installation and working**



**Vote of thanks to Mr. Naman Vashishth after Concluding the session**