



**Report on  
INDUSTRY NOW AND UPCOMING  
REVOLUTION  
AND  
CAREER GUIDANCE**

**12<sup>th</sup> June, 2021**

**Organized by  
ISA STUDENTS SECTION &  
INSTRUMENTATION AND CONTROL  
ENGINEERING DEPARTMENT,  
L.D COLLEGE OF ENGINEERING**

**PLATFORM:-** Google Meet

**DATE:-** 12-06-2021

During this Online education impartation, students had less interaction with the seniors and their other mentors, many final year and pre final year students were confused about their career decisions and plans. Targeting to solve their questions and doubts related to career paths after engineering and to make them aware of current industry trends and upcoming revolution in the field of Instrumentation and Control engineering **ISA student section LDCE** in association with the Department of Instrumentation and Control, **L.D. College of Engineering** had organized an Interactive webinar on “**Industry Now and Upcoming Revolution and Career Guidance**” on Google meet platform on the date of 13 June 2021.

More than 78 students of final year and pre final year of LDCE and of various colleges like GEC Gandhinagar, DDU, and VGEC from IT,Computer,Electrical, IC and EC departments had attended the webinar. Students from the Instrumentation and control department had taken the main benefit of this webinar by clarifying their doubts and interacting with the speaker.

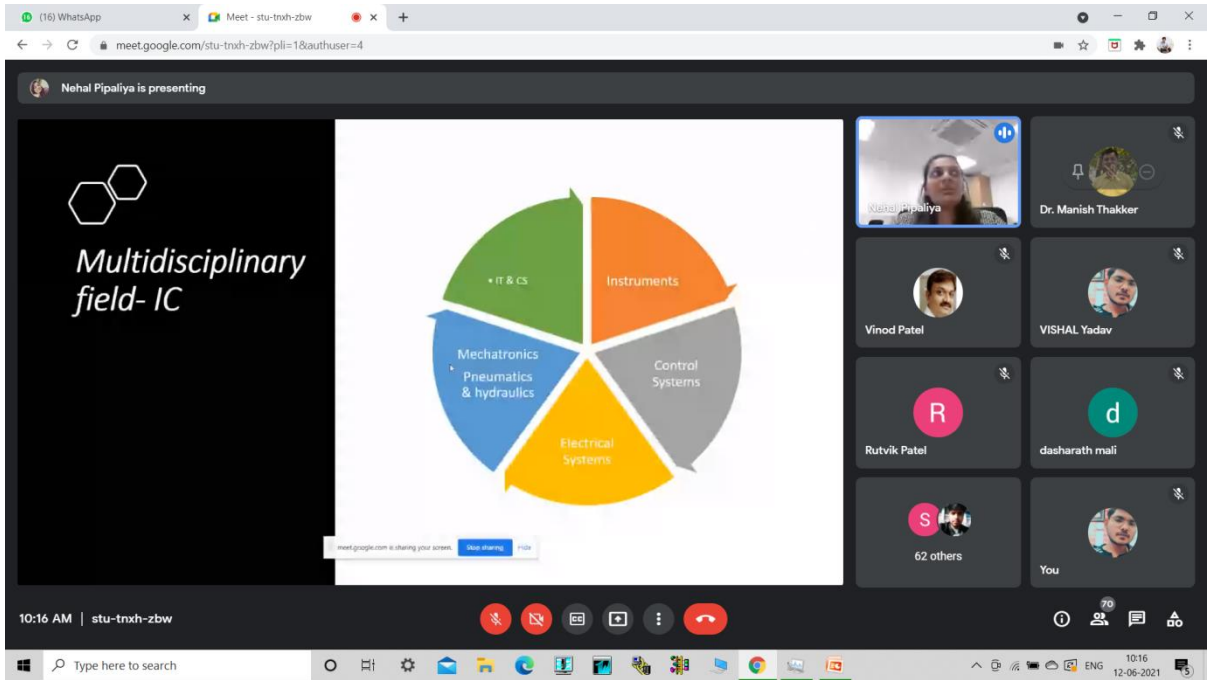
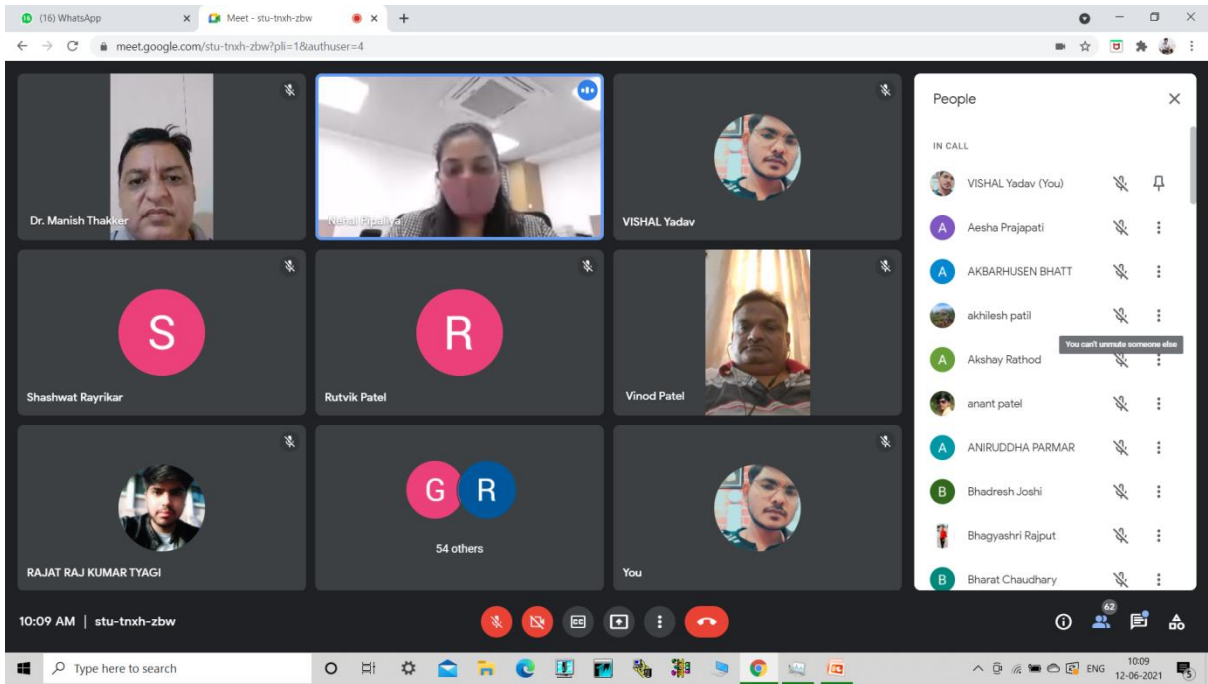
The webinar was conducted by MS Nehal Pipaliya, she is an alumni of LDCE with B.E. in Instrumentation and control engineering. Ms Nehal has more than six years of experience working in the automation and control Domain. She is trained by Siemens and professionally qualified for simatics S7 1200/1500. She also has professional qualification for PROFICY HMI SCADA.

Webinar started by Vishal Yadav, Secretary – ISA LDCE with a Welcoming Message for all the attendees followed by brief Introduction about the speaker and her past professional experience. Along with that , faculty advisor, and head of the department *Dr. Manish T. Thakker*, and *Prof. Vinodkumar P. Patel*(Training and Placement officer) gave a welcome speech for the speaker and briefed all the attendees about Importance of ISA Section and Departmental Activities.

Then Ms Nehal started the session by sharing her professional and personal experience as a control system engineer, further she guided the students with the various career opportunities in the campus and off the campus. Then she shares the current industry scenario discussing about industry 4.0 and upcoming revolution Industry 5.0 . she briefly discussed about the how IOT,Robotics,Cyber security and cloud computing are making plant more optimized and efficient in the industry 4.0 revolution she also discussed what is the role of an automation engineer in Industry 4.0 along with guiding the students that how these demanding skills will be beneficial in their professional career. Ms Nehal also shared her experience about Higher studies at abroad, how one can apply in foreign universities and avail various scholarship opportunities. The second half was open for the live Q&A in which students had interacted with the speaker about their queries related to their internships,placements and higher education.

The session concluded with summing all the possible opportunities for an engineering student and answering all the queries.

# Glimpse of Webinar:



16) WhatsApp Meet - stu-tnxh-zbw

meet.google.com/stu-tnxh-zbw?pli=1&authuser=4

Nehal Pipaliya is presenting

## Control System Components

10:17 AM | stu-tnxh-zbw

Participants: Nehal Pipaliya, Dr. Manish Thakker, Shashwat Rayrikar, VISHAL Yadav, Rutvik Patel, dasharath mali, 60 others, You.

16) WhatsApp Meet - stu-tnxh-zbw

meet.google.com/stu-tnxh-zbw?pli=1&authuser=4

Nehal Pipaliya is presenting

## Industry 4.0

Industry 4.0 - Technological pillars

Participants: Nehal Pipaliya, Shashwat Rayrikar, HETVI BURKHAW..., VISHAL Yadav, Rutvik Patel, dasharath mali, 71 others, You.

In-call messages

Messages can only be seen by people in the call and are deleted when the call ends.

ISA STUDENT SECTION LDCE 9:59 AM  
We will wait 2-3 minutes more and then we can start.

Nehal Pipaliya 9:59 AM  
yes sure.

Nehal Pipaliya 10:02 AM  
Do we want to wait or we can start!

Chetansinh Chauhan 10:34 AM  
Mam which country is best for master in instrumentation and control engineering.

Send a message to everyone

10:43 AM | stu-tnxh-zbw

Meeting ID: meet.google.com/stu-tnxh-zbw?pli=1&authuser=4

**Nehal Pipaliya is presenting**

**In-call messages**

mam whcn country is oest for master in instrumentation and control engineering.

**akhlesh patil** 10:52 AM  
Mam how can i start my career, so that i'll be placed in core companies like siemens,GE etc.

**Kush dadiyala** 10:52 AM  
What tech skills i should learn to stand out from the crowd in industrial automation in current scenario ?

**akhlesh patil** 10:54 AM  
I'm from EEE background

**mayur tandel** 10:56 AM  
Ma'am if i moved in other instrument related filed in commissioning,maintenance, others which country is best.

**akhlesh patil** 10:56 AM  
For controls I need to learn PLC?  
Thank you mam

Send a message to everyone

10:56 AM | stu-tnxh-zbw

Meeting ID: meet.google.com/stu-tnxh-zbw?pli=1&authuser=4

**TAPAN CHAVDA is presenting**

**In-call messages**

**mayur tandel** 10:56 AM  
Ma'am if i moved in other instrument related filed in commissioning,maintenance, others which country is best.

**akhlesh patil** 10:56 AM  
For controls I need to learn PLC?  
Thank you mam

**Kush dadiyala** 10:59 AM  
Robotics process automation ( RPA ) can help in Industrial automation ?

**Jaydeep Khatri** 11:00 AM  
Mam as an ic student can we try to move to get jobs in IT and CS company

**Kush dadiyala** 11:02 AM  
What is subject matter expert ? in industrial automation

**Nehal Pipaliya** 11:05 AM

Send a message to everyone

11:07 AM | stu-tnxh-zbw