

VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE CHANDKHEDA

Brief Report on Webinar on : The troubleshooting experience while installing field instruments in industrial processes: Do's and Don'ts

Name of Department(Organizer)	IC department, VGEC Alumni Association and SSIP Cell
Date and Time	13-09-2020 From 04:30 pm to 05:30 pm.
Venue	Online Meeting on Google Meet
Link of the Meeting	https://meet.google.com/jey-oipi-pfj
No. of Participants	50 Students and 6 faculties

IC Department has organized a Webinar on Topic- The troubleshooting experience while installing field instruments in industrial processes: Do's and Don'ts - for all semester students. It was organized on Google meet platform.

Speaker Details:

The Speaker of the webinar was Mr. Dinesh Priyadarshi, Senior Manager (Instrumentation) at Engineers India Limited, OPal-Dahej Petrochemicals. He is a proud alumnus of the Vishwakarma Government Engineering College.

Webinar Details:

In continuous tradition of the IC department of Industry Interaction for the benefit of the students, this webinar was organized. The webinar was focused on troubleshooting experiences of an engineer while installing different field instruments. As Mr. Dinesh Priyadarshi is working in the large industrial premises, his experiences shared would be helpful to students and would give them exposure to the troubleshooting.

Prof. M.M.Sharma, on behalf of the Instrumentation and control Department has welcomed Mr. Dinesh at the beginning, and then put the session on for the speaker.

Mr. Dinesh Priyadarshi has initiated discussion with various types of process parameter transmitters in practice like Smart transmitters, Foundation Field bus Transmitters, Profibus Transmitters etc. He explained Installation details of Impulse Piping importance and various components required in it. He discussed how this piping allows easy maintenance, protects instruments from process dynamics etc. He also discussed about safety integrated levels for various installations.

Students were informed via mail to attend the online meeting from a shared link and many students joined and listened to the speaker. They asked him few questions also, to which Mr.

Dinesh Priyadarshi replied satisfactorily. Students acknowledged that they have come to know about various details of installation and how each component required in the installation helps in operation and maintenance.

At the end of the session, Mr. Dinesh Priyadarshi expressed gratitude for such event and ensured for any further such events. Prof. M.M.Sharma has delivered vote of thanks to Mr. Dinesh Priyadarshi on the behalf of IC department.

Poster of the Webinar:

VGEC Instrumentation and Control Department & VGEC Alumni Association & SSIP Cell

SSIP
Student Startup Innovation Policy

VGEC
ALUMNI ASSOCIATION

The troubleshooting experience while installing field instruments in industrial processes: Do's and Don'ts

Google Meet Meeting
Date: 13th Sept-2020
Timing: 04:30 PM to 05:30 PM

Organized by
Instrumentation and Control Department, VGEC

Patron:
Dr. N.N. Bhuptani
Principal, VGEC

Convener:
Dr. M. K. Shah
IC Department Coordinator
VGEC

Mr. Dinesh Priyadarshi
Senior Manager (Instrumentation)
Engineers India Ltd
OPal-Dahej Petrochemicals

Registration

For more info contact:
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E-Mail Sent to Students for the Webinar:

Fwd: Invitation to attend **Webinar** on " The troubleshooting experience while field instruments in industrial processes: Do's and don'ts" Inbox x



PARUL TIRKAR

to vgec_ic_2021_passout, vgec_ic_2022_passout, vgec_ic_2023_passout

Fri, Sep 11, 4:39 PM (10 days ago)



Dear all,

Greetings from IC Department, VGEC Chandkheda, Ahmedabad, Gujarat.

It is indeed our pleasure to announce that IC dept under Alumni of VGEC Chandkheda and SSIP cell has organized a **Webinar** on

" The troubleshooting experience while field instruments in industrial processes: Do's and don'ts"

Time: 4:30 PM onwards

We cordially invite you to attend the **webinar**.

The registration link is as given below.

Registration Link: <https://forms.gle/C2xmsc4pmF5zJdV58>

Snapshots of the Webinar:

The image displays two screenshots of a mobile application interface, likely a webinar or meeting app. The left screenshot shows a list of 10 points related to process parameters and instrumentation. The right screenshot shows a list of topics for instrumentation installation, including impulse piping and tubing, and closed coupled instruments. Below the content, both screenshots show a list of participants in the meeting, including Nandini Vithlani, Nirav Mehta, Nitin Prajapati, Nivedita Kothari 024, and Palak Joshi 018. The right screenshot also shows Manoj Khediya (You), shailesh Makwana, Mamta Patel, and mukesh sharma. The interface includes a top status bar with time, battery, and signal strength, and a bottom navigation bar with icons for home, back, and search.

Left Screenshot (5:04):

- 1) To ensure the process parameter as per requirement of process
- 2) Easily monitoring of process parameters
- 3) Easy maintenance
- 4) To reduce effect of ambient temperature, gradient temperature
- 5) Increase Process Lag
- 6) Increase Process dynamics
- 7) Leakage increase at per joint
- 8) Blockage of impulse piping / tubing
- 9) Temperature effect
- 10) Ease of maintenance

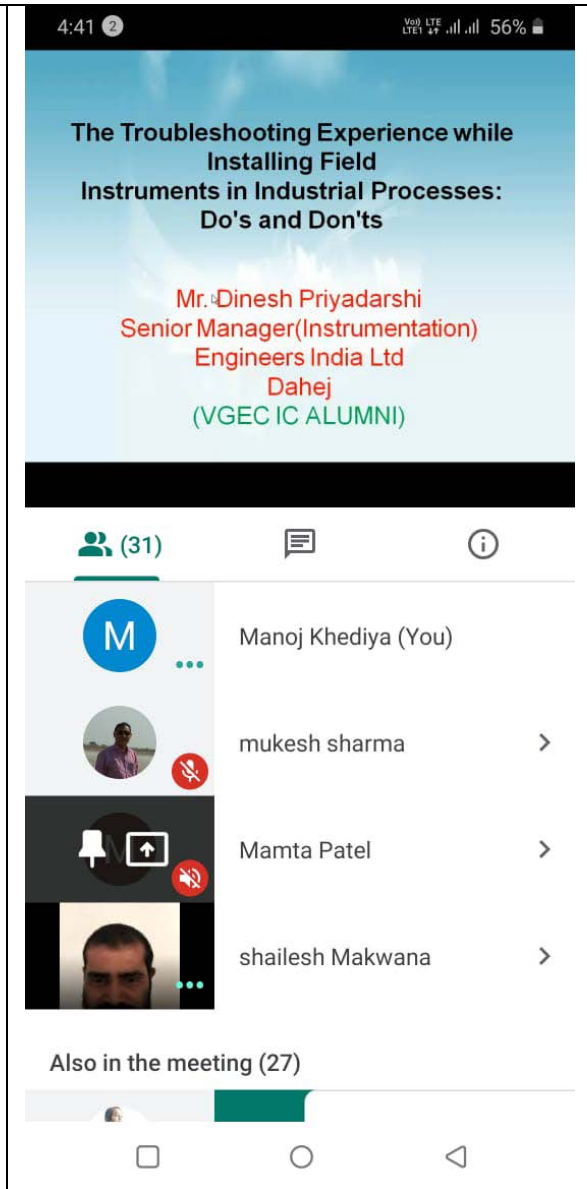
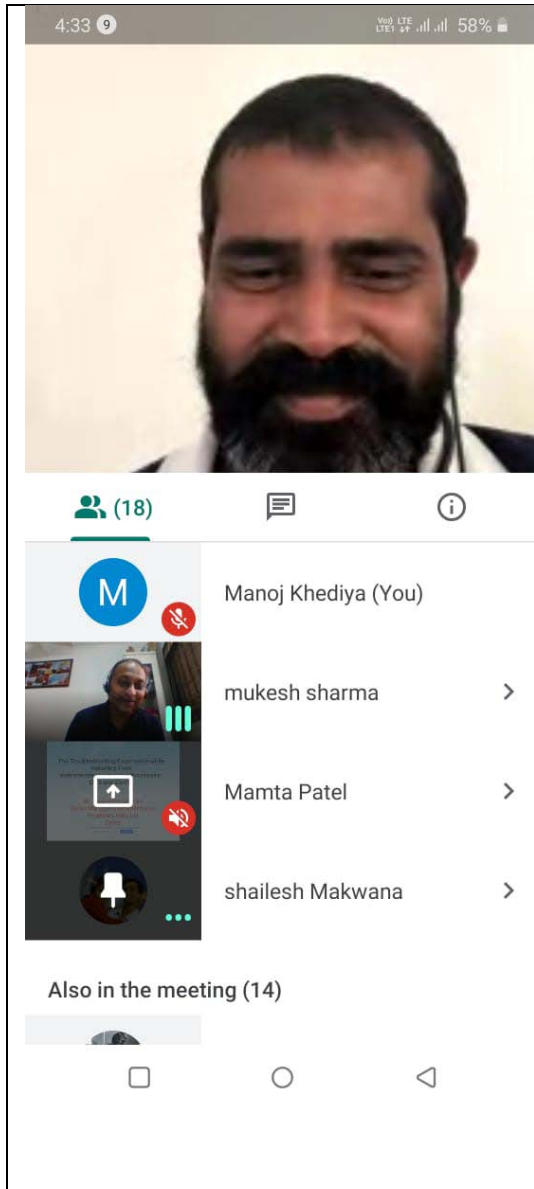
Right Screenshot (4:47):

- TYPE OF INSTRUMENTATION INSTALLATION IN PROCESS MEASUREMENT
- A) IMPULSE PIPING INSTALLATION
- B) IMPULSE TUBING INSTALLATION
- C) CLOSED COUPLED INSTRUMENT INSTALLATION

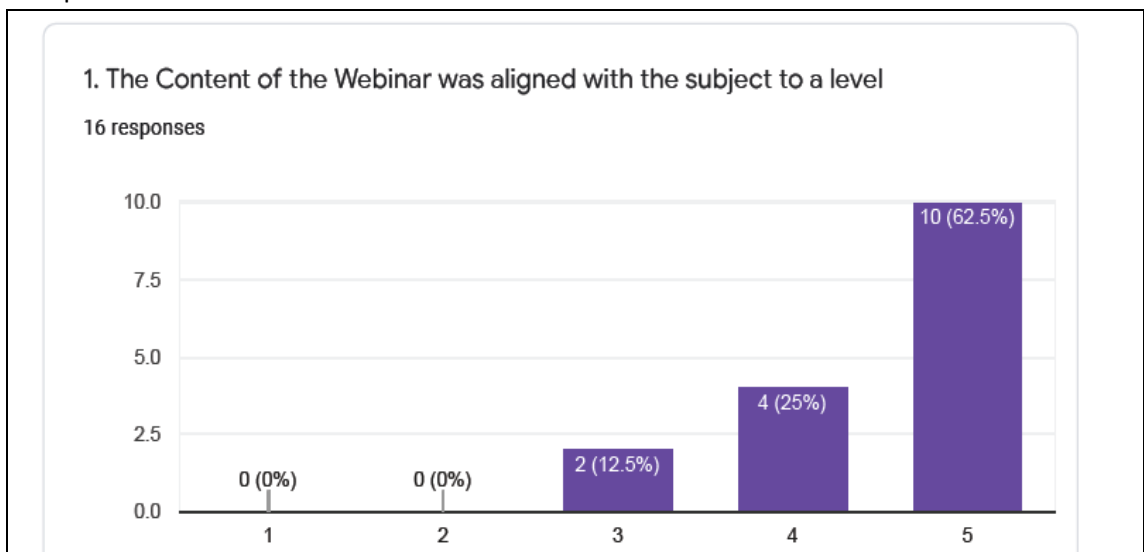
Participants (29):

- Nandini Vithlani
- Nirav Mehta
- Nitin Prajapati
- Nivedita Kothari 024
- Palak Joshi 018
- Manoj Khediya (You)
- shailesh Makwana
- Mamta Patel
- mukesh sharma

Also in the meeting (25):

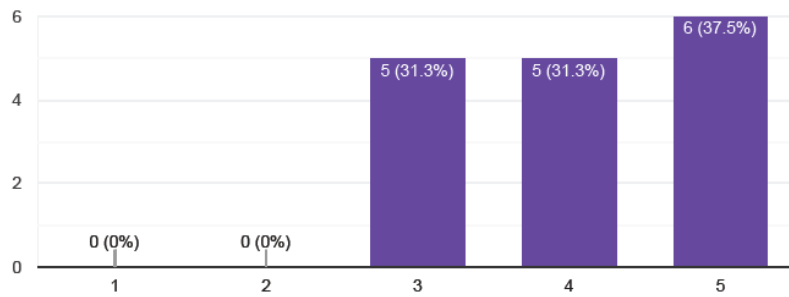


Response of Webinar:



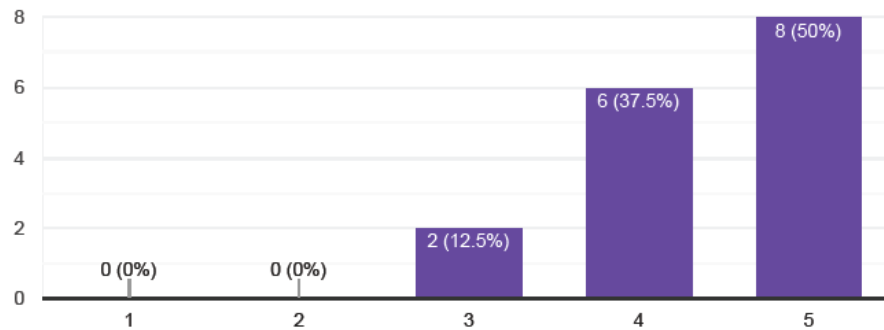
2. The Content Presentation was easy for understanding to a level

16 responses



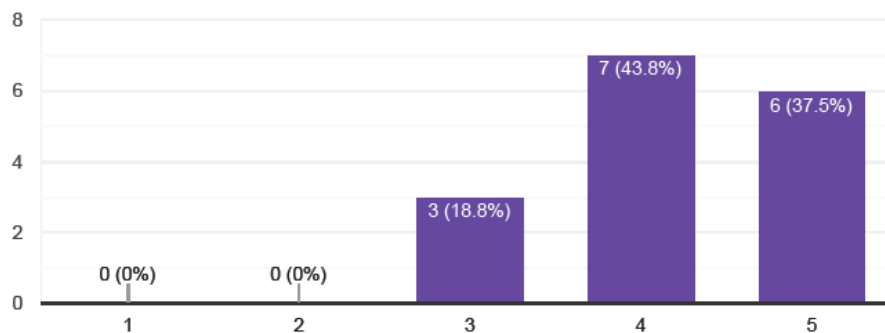
3. Usefulness of the webinar to upgrade your knowledge from theory to practical

16 responses



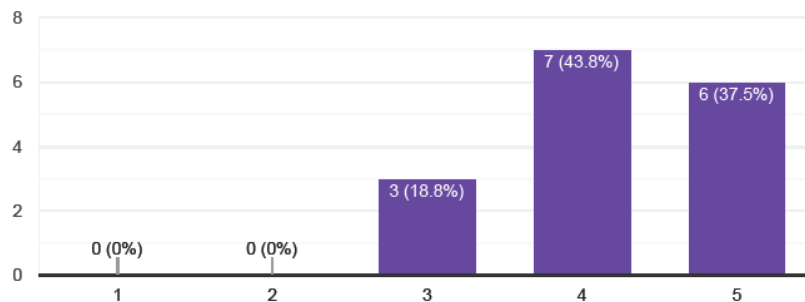
4. Effectiveness of Content Delivered to Enhance Field/Process industry Knowledge.

16 responses



5. Overall Rating for Webinar

16 responses



6. In future, what topics do you want from department to organize for improving technical skills ?

6 responses

Scope after IC engineering

PLC and SCADA online working

What to do after instrumentation engineering?

Arduino

Career after instrumentation engineering

More scopes in M.Tech in instrumentation