



## VISHWKARMA GOVERNMENT ENGINEERING COLLEGE, CHANDKHEDA

### Brief Report on Webinar on “Virtual Tour of Control Room and Control Valve” held under IEI Student Chapter

Name of Department/Organizer	:	Instrumentation and Control Department under IEI Student Chapter
Date & Time	:	11/10/2020 from 11am to 12:30pm
Venue	:	Google Meet <a href="https://meet.google.com/mdu-kryp-vet">https://meet.google.com/mdu-kryp-vet</a>
No of Participants	:	65 Participants

Instrumentation and Control Department, under IEI Student Chapter, had organized a Webinar on “Virtual Tour of Control Room and Control Valve” for 5<sup>th</sup> and 7<sup>th</sup> semester students. It was organized on Google meet platform.

#### Speaker Details:

The Speaker of the webinar was Mr. Rudra D. Pathak, who is presently working as Senior Instrument Engineer – Maintenance, at GNFC, Bharuch. He has 11 years of work experience in industry.

#### Webinar Details:

In continual tradition of the Instrumentation and Control department of organizing various events under IEI Student Chapter every semester and Industry Interaction done by the department for the benefit of the students, this webinar was organized. This time as discussed with speaker, the content was to have a “Virtual Industrial Visit”, but due to unavoidable circumstances got converted to a presentation mode virtual Industrial tour.

Mr. Rudra D. Pathak, explained the overview of fertilizer plant, explained importance of colour coding in plant, gave a brief overview of DCS and SCADA, tuning of PID, various field equipment and instruments and lastly control valves and its characteristics were covered.

**Poster of the Webinar:**



**Vishwakarma Government Engineering  
College, Chandkheda, Ahmedabad**



**Instrumentation and Control Engineering Department  
IEI Student Chapter**

October 11, 2020  
11 am to 12 pm  
Google Meet Platform

**Webinar  
On**

**Registration Link:**  
[https://forms.gle/cTBkFJ  
WHpyZzvuyj7](https://forms.gle/cTBkFJWHpyZzvuyj7)

**“Virtual Tour of Control Room and Control Valve”**

Mr. Rudra D. Pathak,  
Senior Instrument Engineer – Maintenance  
GNFC, Bharuch

**Patron**

Dr. N. N. Bhuptani  
Principal, VGEC

**Convener**

Dr. M. K. Shah  
Head of Department, IC

**For More Information Contact**

Prof. S.Y. Rathod (9737598487)  
Prof. K.V. Kaul (9428358591)

## E-Mail Sent to Students for the Webinar:



Prof. kamakshi <kamakshikaul@vgecg.ac.in>

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### Webinar on "Virtual Tour of Control Room and Control Valve" under IEI Student Chapter

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Prof. kamakshi <kamakshikaul@vgecg.ac.in>

Wed, Oct 7, 2020 at 11:11 AM

To: vgecg\_ic\_2021\_passout@googlegroups.com, vgecg\_ic\_2022\_passout@googlegroups.com

Cc: Head Instrumentation and Control <hod\_ic@vgecg.ac.in>

Dear All,

Greetings from Instrumentation and Control Engineering of Vishwakarma Government Engineering College, Chandkheda, Ahmedabad

We are pleased to invite you all to attend the Webinar on "Virtual Tour of Control Room and Control Valve", organised by the department under IEI Student Chapter.

Tour Guide:

Mr. Rudra D. Pathak

Senior Instrument Engineer - Maintenance

GNFC, Bharuch

Date: Sunday, 11 October 2020

Time: 11:00AM ; @ Google Meet

Webinar ID will be shared with all registered candidates on 09/10/2020

Register Link:

<https://forms.gle/xBFbiCCCf5e8VZe78>

Please register by 9/10/2020, before 4pm.

Organized by:

Instrumentation and Control Engineering Department, under IEI Student Chapter,

Vishwakarma Government Engineering College, Chandkheda, Ahmedabad

Convener

Dr. M.K.Shah

Department Coordinator , Instrumentation and Control ,

VGEC, Chandkheda, Ahmedabad

Patron

Dr. N. N. Bhuptani

Principal,

VGEC, Chandkheda, Ahmedabad

For any query contact Prof. Swati Y. Rathod on +91-9737598487 or Prof. Kamakshi V. Kaul on +91-9428358591

Important Instructions

- ☒ You are requested to be online at exact time and join Google Meet
- ☒ First timers should download necessary app
- ☒ If you have any questions, please post your question in the chat window during the webinar.

## Snapshots of the Webinar:

Inbox (2) - kamakshikaul@vgce X Vishwakarma Government Engin X Meet - Virtual Tour of Contr X +

meet.google.com/mdu-kryp-vet?authuser=0

Rudra is presenting

### Requirement of Automation

Broadly instrumentation may consist of ;

- (1) Measurement Devices PT/TT/FT
- (2) Control Devices Control valve/on off valve/heater
- (3) Automation Systems DCS/ESD
- (4) Special Automation Systems
  - Vibration/Thrust monitoring system. : Bently Nevada
  - Anti-surge System : Turbogol / Siemens / CCC
  - Over-speed Protection Systems : Protech
  - Governing Systems : Woodward , EHTC
  - F&G Detection system and P A Systems.

Virtual Tour of Control Room and ... X

People (65) Chat

Ketul Patel  
khwab devaka  
KOMAL NAYI  
Mamta Patel  
Manoj Khediya  
Manthan Mistry  
Meet Patel  
mistry abhishek  
Mithil Jethva

Rudra  
mukesh sharma  
Swati Rathod  
swapna shah  
Shivang Thakk...  
Harsh Chavda  
Himanshu Gohil

Type here to search

EN 11:10 11-10-2020

Inbox (2) - kamakshikaul@vgce X Vishwakarma Government Engin X Meet - Virtual Tour of Contr X +

meet.google.com/mdu-kryp-vet?authuser=0

REC Rudra is presenting

REC You are presenting

You're presenting to everyone

Stop presenting

Virtual Tour of Control Room and ... X

People (51) Chat

Add people Host controls

Prof. kamakshi (You)  
Amal Raphael  
amrendra singh  
Astha Patel  
brijesh bhandari  
DARSHAN SONANI  
Deepika Panchal  
Dhruvika Gajjar

Rudra  
Shivang Thakk...  
Swati Rathod  
swapna shah  
mukesh sharma  
Pooja Bhatt  
Prof. kamakshi

Type here to search

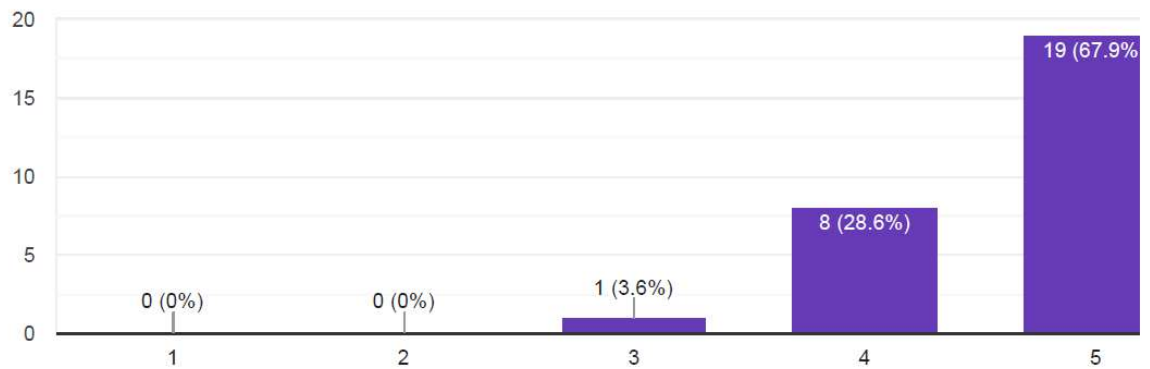
EN 12:23 11-10-2020

## Feedback of Webinar:

The Content of the Webinar was aligned with the subject to a level \*

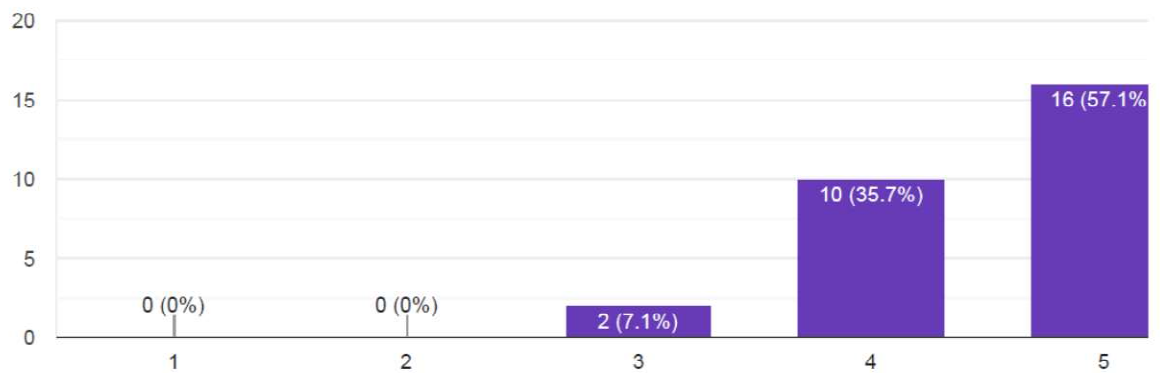


28 responses



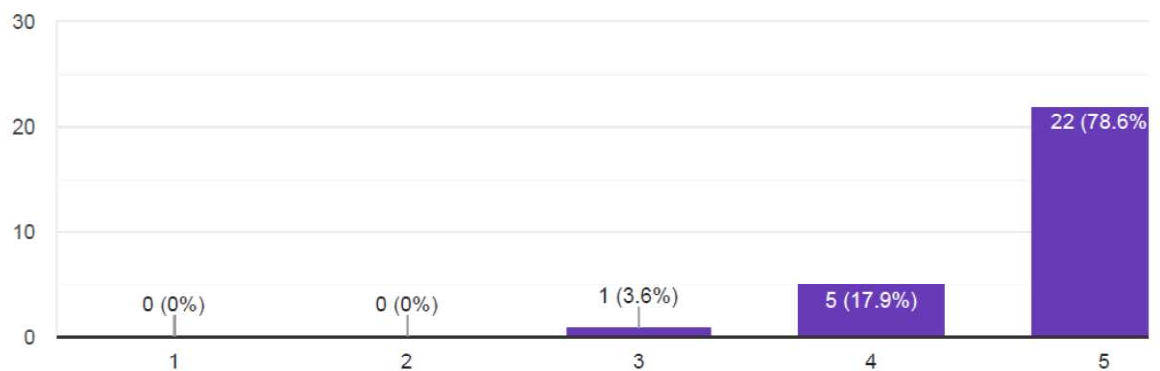
The Content Presentation was easy for understanding to a level \*

28 responses



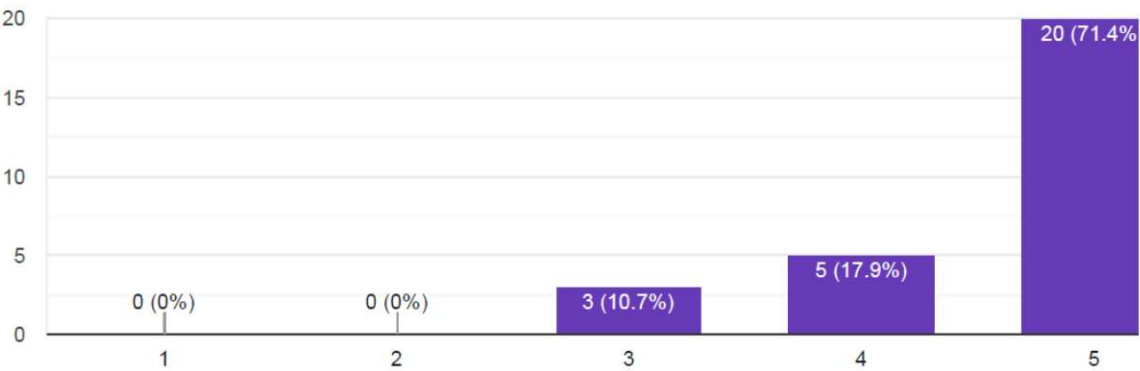
Usefulness of the webinar to upgrade your knowledge from theory to practical

28 responses



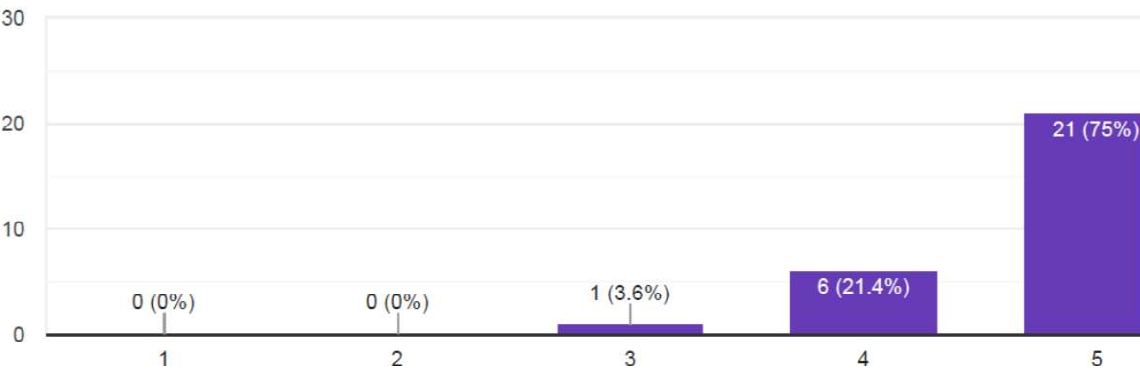
Effectiveness of Content Delivered to Enhance Field/industry Knowledge. \*

28 responses



Overall Rating for Webinar \*

28 responses





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

13 responses

Our department organize many webinar on control valave and transmitter and compressor etc ....so my personal request to department is organize DCS, PLC and SCADA because we don't show any single webinar on this topic

No

Automation

Instrument devices,sensor, dcs - scada

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Industry visit

In detail of dcs system

It was excellent. Thank you VGEC and IC dept. In future, topics like where India stands in the field of instrumentation and industrial automation and different techniques used in developed countries