

VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE CHANDKHEDA

Brief Report on Webinar

“An Instrumentation and Control engineer's Diary: From theory to Practical”

Name of Department(Organizer)	IC department
Date and Time	13-09-2020 From 11:00 am to 12:30 pm.
Venue	Online Meeting on Google Meet
Link of the Meeting	https://meet.google.com/fxy-dgfu-ngo
No. of Participants	70 Students and 7 faculties

IC Department has organized a Webinar “An Instrumentation and Control engineer’s Diary: From theory to Practical” for all semester students. It was organized on Google meet platform.

Speaker Details:

The Speaker of the webinar was Mr. Ritesh Vyas, Technical Advising Specialist for BHGE. He is GE-Italy Certified Heavy Duty MarkVIe senior control engineer. He has more than 13 years of work experience in Power, Gas and Oil Industries. 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. This time as discussed with speaker, the content was to share the day to day experiences of an engineer in industry. What different aspects that an engineer encounters when he acts as an industry person and how he/she recollects the fundamentals studied during engineering at the time of any event/accident/phenomenon in the industry were the centre of the discussion.

Prof. M.K.Shah, Head of the Department Instrumentation and control has welcomed Mr. Ritesh at the beginning, and then put the session on for the speaker.

Mr. Ritesh explained how P & ID symbols which are part of engineering study actually play in industry to locate any device in a large plant just from a diagram drawing. How PID parameters are selected in industry for better control. Push Buttons actions, whether kept on rising edge or falling edge matters in protection of the circuits. How a single bolt of a turbine enclosure is fixed and the torque applied to twist it plays a major role in proper functioning of the equipment. LVDTs are not just lab instruments; they are actually used in valve positioner as a feedback. Thermocouple wires should be same from sensor to Junction Box to Control Panel to the back of the Controller. He shared his real life experiences with all students. He emphasized that whatever small content of the syllabus that we may ignore or skip are

actually vital part of the industry and we only realize it by experience, so keep learning all aspects of syllabus content thoroughly.

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. Ritesh replied satisfactorily. Students acknowledged that the points Mr. Ritesh shared were quite useful and they learnt to focus on the fundamentals.

At the end of the session, Mr. Ritesh has shared his memories with the faculties of his college days, and acknowledged for his today's position is due to his faculties. He also expressed his willingness to provide his assistance in future in such forms of interactions. Prof. M.M.Sharma has delivered vote of thanks to Mr. Ritesh Vyas on the behalf of IC department.

Poster of the Webinar:

VGEC Instrumentation & Control Dept. And VGEC Alumni Association organize Webinar On

**An Instrumentation & Control engineer's Diary:
From Theory To Practical**

SEP 13 2020
11:00 am to 12:00 pm

Mr. Ritesh Vyas

- Technical Advising specialist for BHGE
- GE-Italy certified Heavy Duty Mark-VIe Senior Control Engineer
- Work experience 13+ years in various streams of Power, Oil & Gas Industry

Registration

Google Meet

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

Convener:
Dr.M.K.Shah
IC Department Co-ordinator,
VGEC

Organized by
Insrtrumentation & Control Dept. ,VGEC

For more information Contact:

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Prof.Mamta Patel	+91 94278 04309	mamtavp@vgecg.ac.in

E-Mail Sent to Students for the Webinar:

Invitation to attend Webinar on "An Instrumentation and Control engineer's Dairy: From theory to Practical "

1 message

"Parul Tirkar" via vgec_ic_2021_passout <vgec_ic_2021_passout@googlegroups.com> Wed, Sep 9, 2020 at 5:17 PM

Reply-To: Parul Tirkar <parulstirkar@yahoo.com>

To: Vgec_ic_2023_passout <vgec_ic_2023_passout@googlegroups.com>, Vgec_ic_2022_passout <vgec_ic_2022_passout@googlegroups.com>, Vgec_ic_2021_passout <vgec_ic_2021_passout@googlegroups.com>

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

It is indeed our pleasure to announce that IC dept under Ahmmi of VGEC Chandkheda has organized a Webinar on

"An Instrumentation and Control engineer's Dairy: From theory to Practical "

Date: 13/09/2020, Sunday

Time: 11:00 AM onwards

We cordially invite you to attend the webinar.

The registration link is as given below.

Registration Link: <https://forms.gle/S9zTdj4Hsg4cm2NTA>

Registered Participants will receive Google Meet Link on the day before the event.

Eminent Speaker:

Mr. Ritesh Vyas
Technical advising specialist for BHGE

Patron:

Dr. Nilay N. Bhuptani

Principal,

VGEC-Chandkheda.

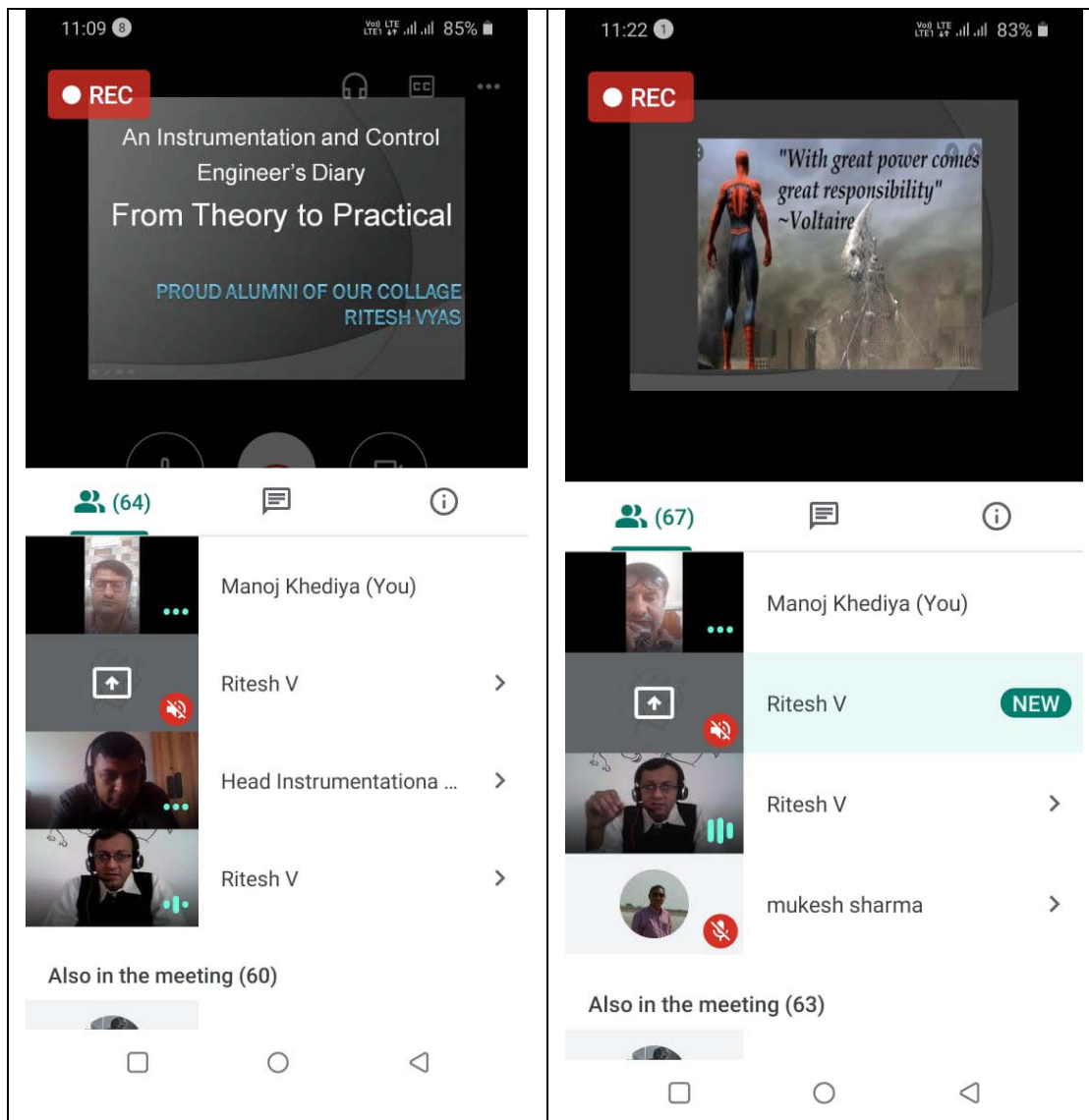
Convener:

Dr. M.K.Shah

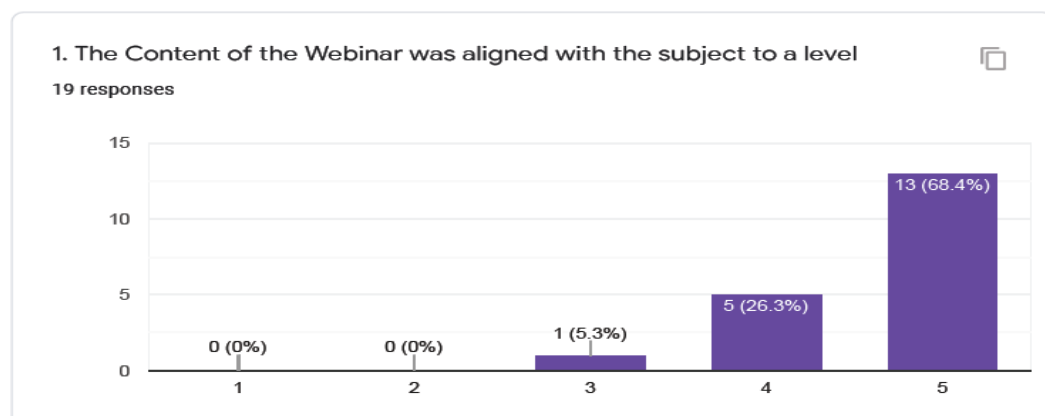
IC Department Co-ordinator

VGEC-Chandkheda.

Snapshots of the Webinar:

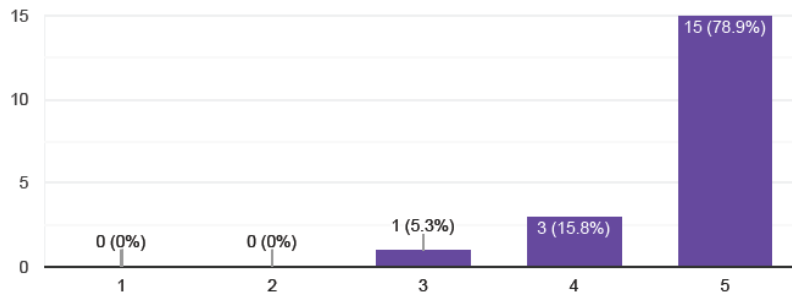


FEEDBACK OF WEBINAR:



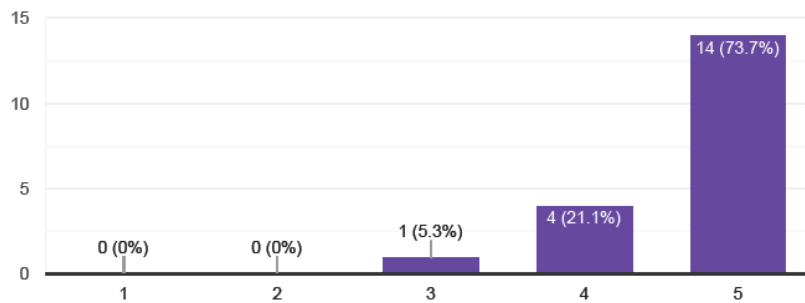
2. The Content Presentation was easy for understanding to a level

19 responses



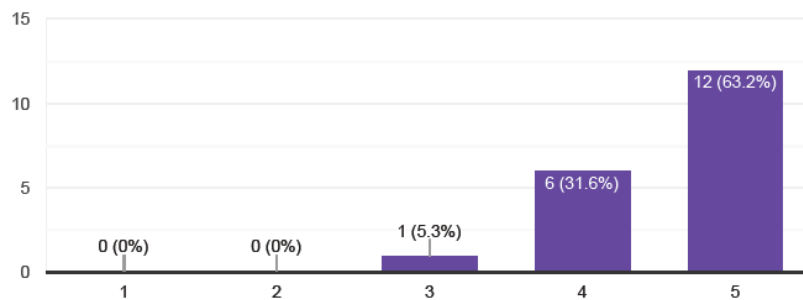
3. Usefulness of the webinar to upgrade your knowledge from theory to practical

19 responses



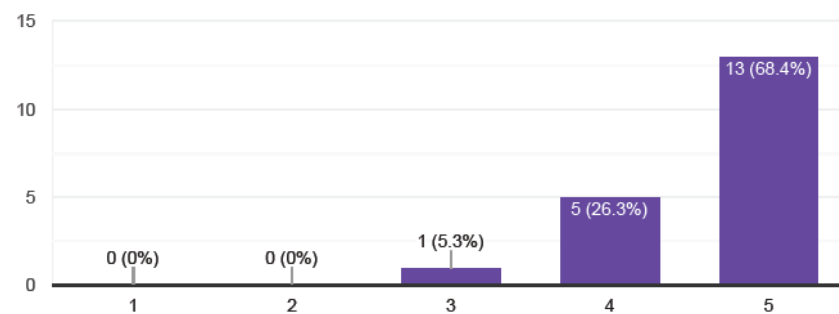
4. Effectiveness of Content Delivered to map the theory classes and real industrial application.

19 responses



5. Overall Rating for Webinar

19 responses



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

4 responses

DCS & SCADA

Introduction to robust control , how to approach towards deep learning of AI & ML(as it's basics topics are not in our branch curriculum)

Yes

Current industrial instrumentation and process automation techniques.