SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA
INDORE

Report on
Webinar on "Introduction to PLC & SCADA"
In association with Mitsubishi Electric India

Department of Electrical and Electronics SVITS successfully conducted a webinar on "Introduction to PLC & SCADA" for the students of SVITS, SVVV under the industry academia collaboration with Mitsubishi Electric India.

The details of the webinar are as follows-

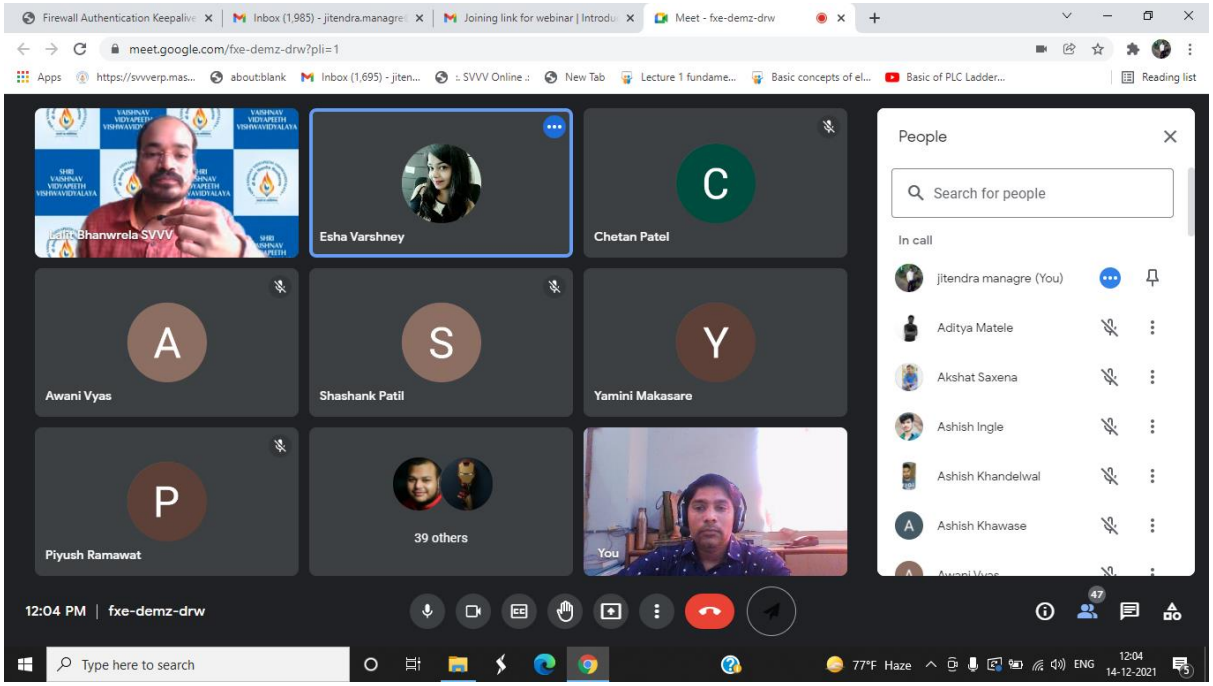
Particulars	***Details***
Objective	The objective of the webinar is to learn about PLC and SCADA technological tools.
Date	14 & 17 DEC 2021
Time	12:00pm to 1:00pm
Topic	Introduction to PLC & SCADA
Speaker	Ms. Esha Varshney, Engineer FAC MEI
No. of students registered	87
No. of students attended	44

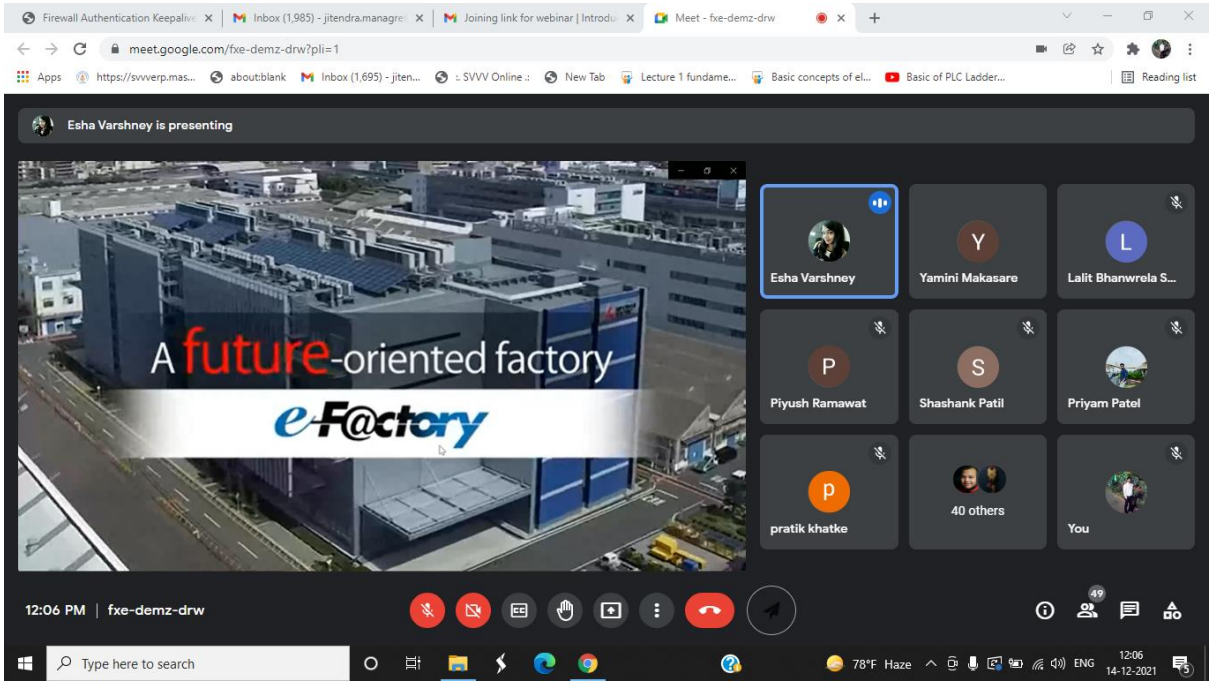
Summary

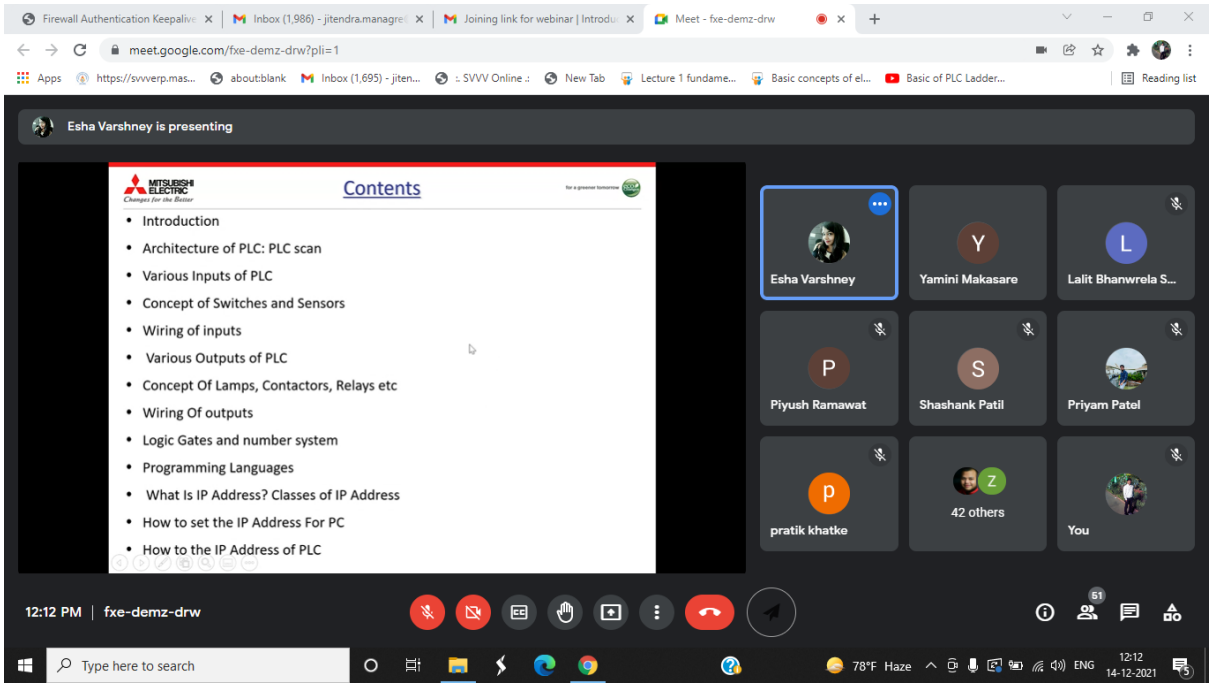
Prof. Lalit Bhanwrela (Incharge of Mitsubishi Factory Automation Lab at EEE Dept. SVITS) was the moderator of the event and he welcomed the guest speaker Ms. Esha Varshney, Engineer FAC MEI along with Prof. Jitendra Managre EEE Dept. After this Prof. Lalit Bhanwrela gave a brief introduction of the Mitsubishi Factory Automation Lab to the audience. The webinar session saw an overwhelming response from all registered students of the SVITS. A total of 44 students out of 87 students attended the session and some faculty members also participated in the session. Ms. Esha Varshney, as the guest speaker, talked about the PLC and its block diagram. She covered the technical configuration of Mitsubishi PLC products and their applications. She also gave a brief introduction about programming languages which are used

in PLC like Ladder, Function block diagram, Sequential functional block, Instruction list and Structured text etc. In the second session of this webinar she talked about the programming part and gave the examples of motor power on-off PLC programs, timer based power operations etc. After the session students asked various questions in the Q&A part and all the questions were technically handled by the speaker. In the end Prof. Jitendra Managre EEE Dept. proposed the words of thanks.

Glimpse of Webinar






Esha Varshney is presenting
Contents
Introduction
Architecture of PLC: PLC scan
Various Inputs of PLC
Concept of Switches and Sensors
Wiring of inputs
Various Outputs of PLC
Concept Of Lamps, Contactors, Relays etc
Wiring Of outputs
Logic Gates and number system
Programming Languages
What Is IP Address? Classes of IP Address
How to set the IP Address For PC
How to the IP Address of PLC
Esha Varshney
Yamini Makasare
Lalit Bhanwrela S...
Piyush Ramawat
Shashank Patil
Priyam Patel
pratik khatke
42 others
You
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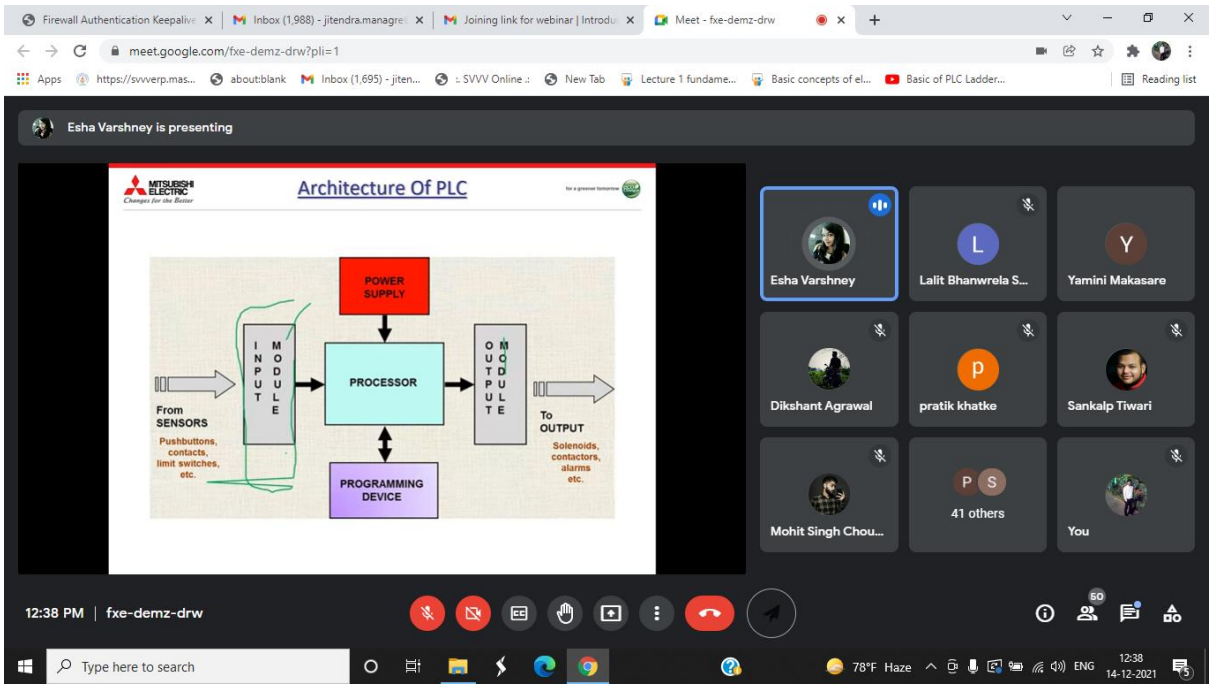
Esha Varshney is presenting
Architecture Of PLC
POWER SUPPLY
PROCESSOR
PROGRAMMING DEVICE
INPUT MODULE
OUTPUT MODULE
From SENSORS
Pushbuttons, contacts, limit switches, etc.
To OUTPUT
Solenoids, contactors, alarms etc.
Esha Varshney
Lalit Bhanwrela S...
Yamini Makasare
Dikshant Agrawal
pratik khatke
Sankalp Tiwari
Mohit Singh Chou...
41 others
You
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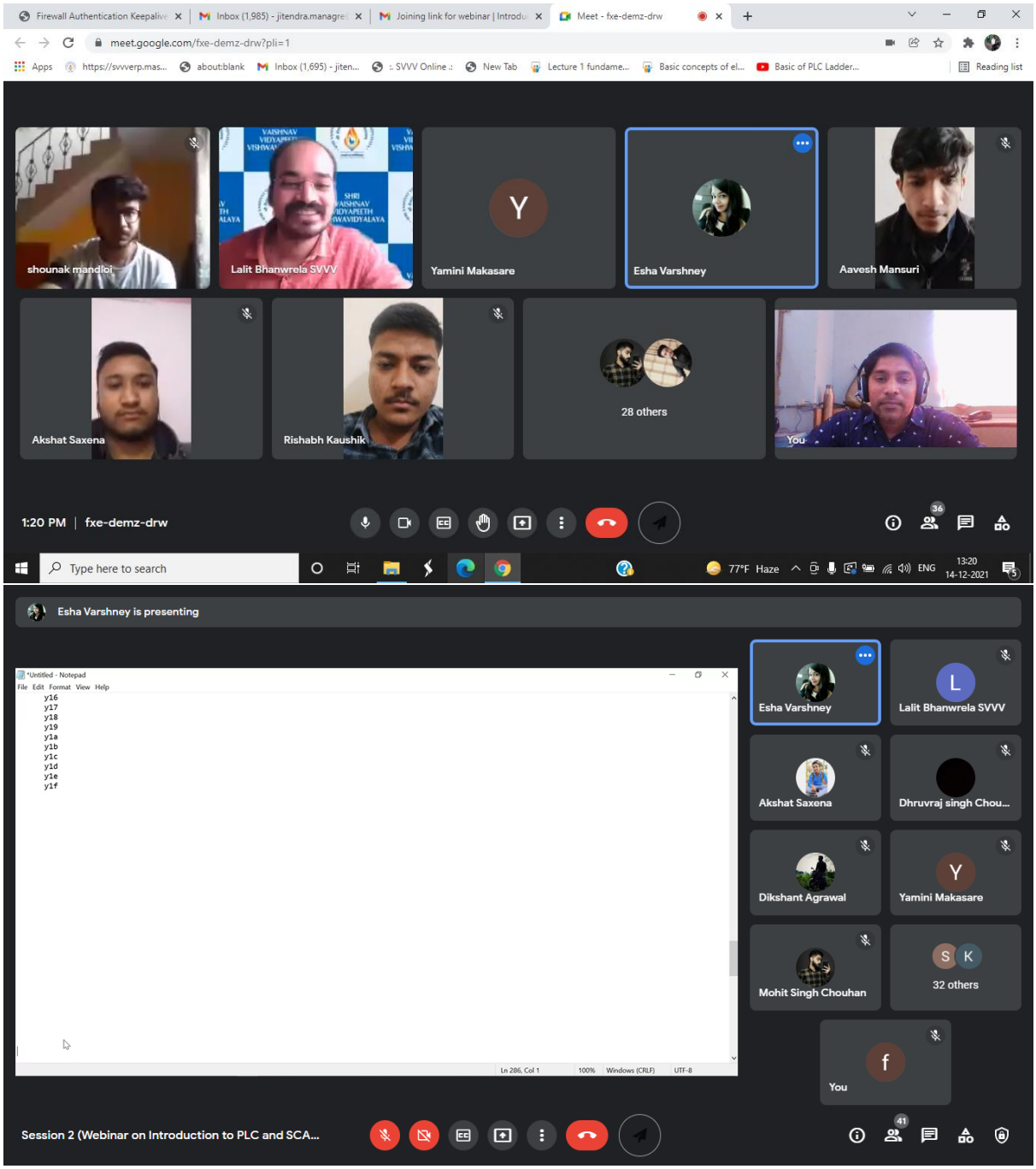
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shounak mandloi
Lalit Bhanwrela SVVV
Yamini Makasare
Esha Varshney
Aavesh Mansuri
Akshat Saxena
Rishabh Kaushik
28 others
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14-12-2021
Esha Varshney is presenting
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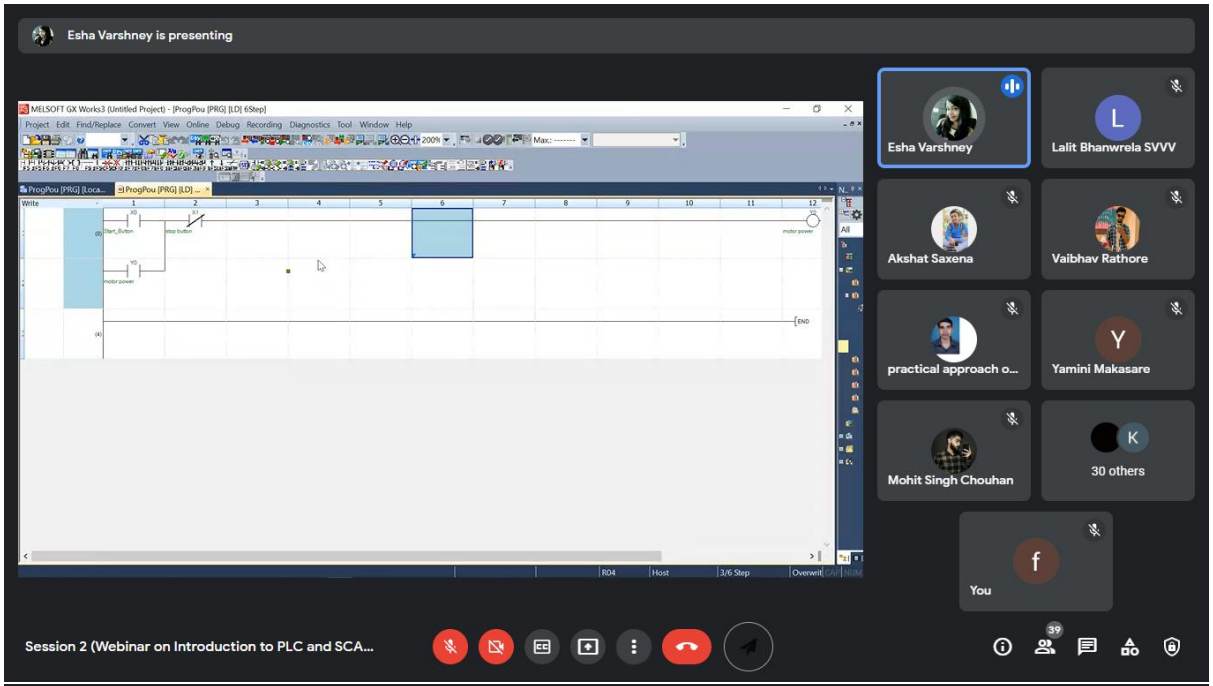
Esha Varshney
Lalit Bhanwrela SVVV
Akshat Saxena
Dhruvraj singh Chou...
Dikshant Agrawal
Yamini Makasare
Mohit Singh Chouhan
32 others
You
Session 2 (Webinar on Introduction to PLC and SCA...


Esha Varshney is presenting
Esha Varshney
Lalit Bhanwrela SVVV
Akshat Saxena
Vaibhav Rathore
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Yamini Makasare
Mohit Singh Chouhan
30 others
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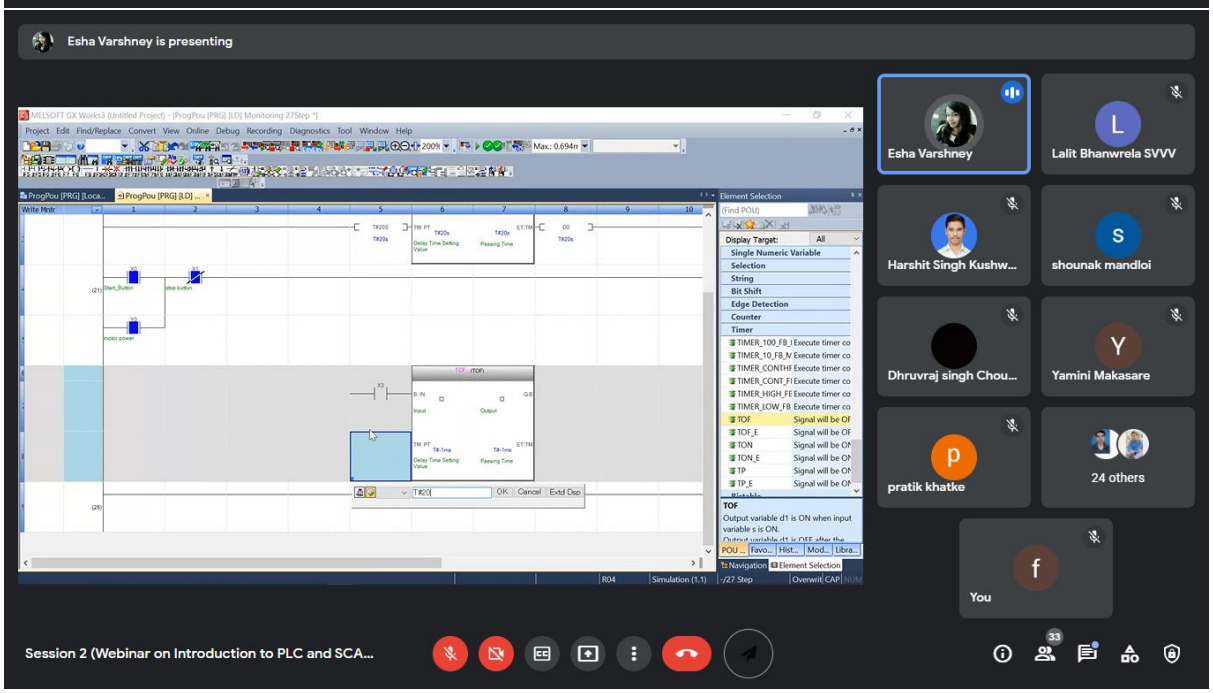
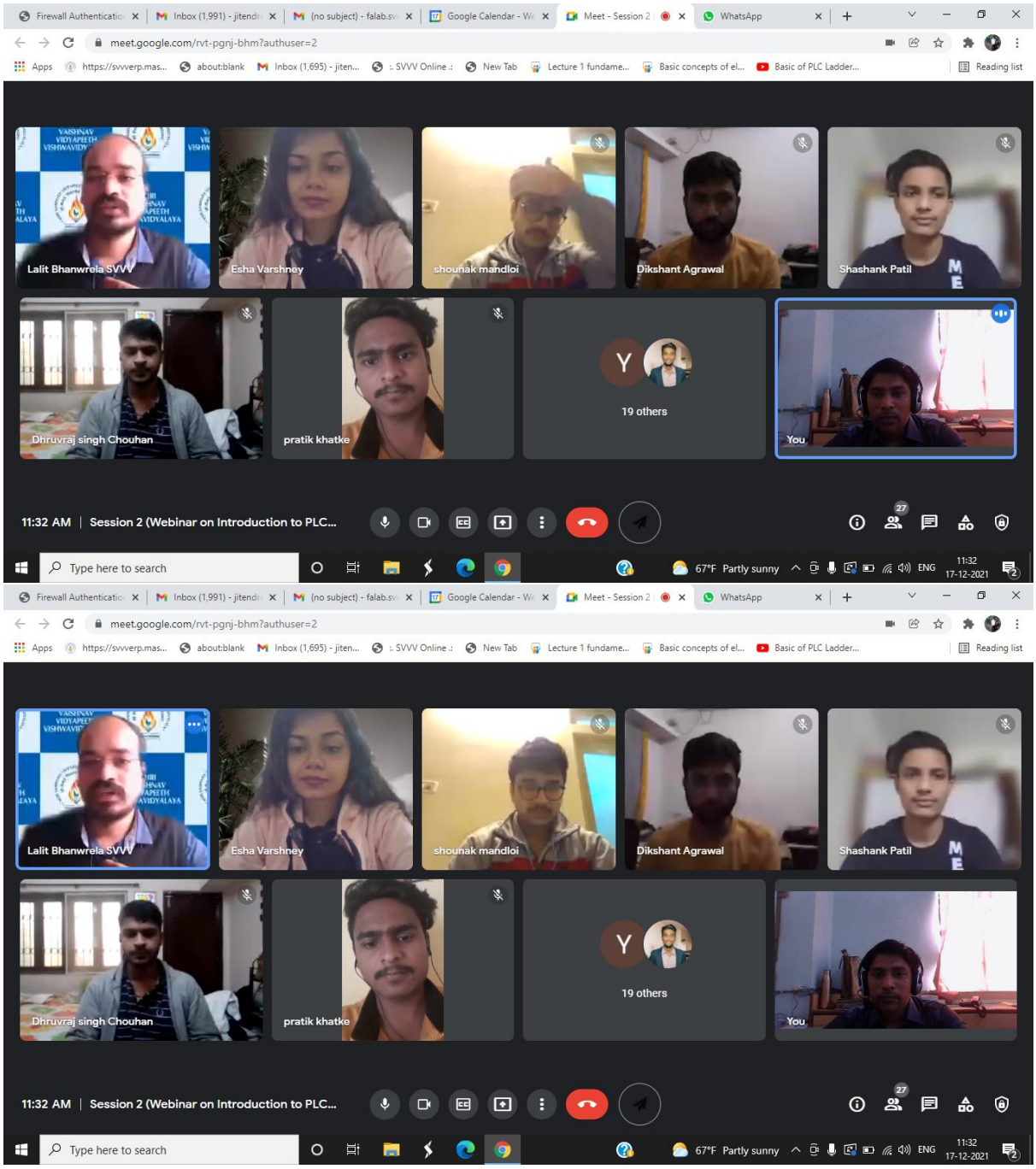
Session 2 (Webinar on Introduction to PLC and SCA...


Esha Varshney is presenting
Esha Varshney
Lalit Bhanwrela SVVV
Harshit Singh Kushw...
shounak mandloi
Dhruvraj singh Chou...
Yamini Makasare
pratik khatke
24 others
You
Session 2 (Webinar on Introduction to PLC and SCA...



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Lalit Bhanwrela SVVV
Esha Varshney
shounak mandloi
Dikshant Agrawal
Shashank Patil
Dhruvraj singh Chouhan
pratik khatke
19 others
You
11:32 AM | Session 2 (Webinar on Introduction to PLC...
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17-12-2021