Report on online training on Automation Studio

Name of the Department: Department of Robotics and Automation

1. Type of Event: **Online training on "Automation Studio"**

2. Resource Person: Mr. Sourabh Lakhmapure
   Famic Technologies Pvt. Ltd
   Pune

4. Date of the Programme: Saturday, 8th November 2023.

5. Faculty Coordinators:

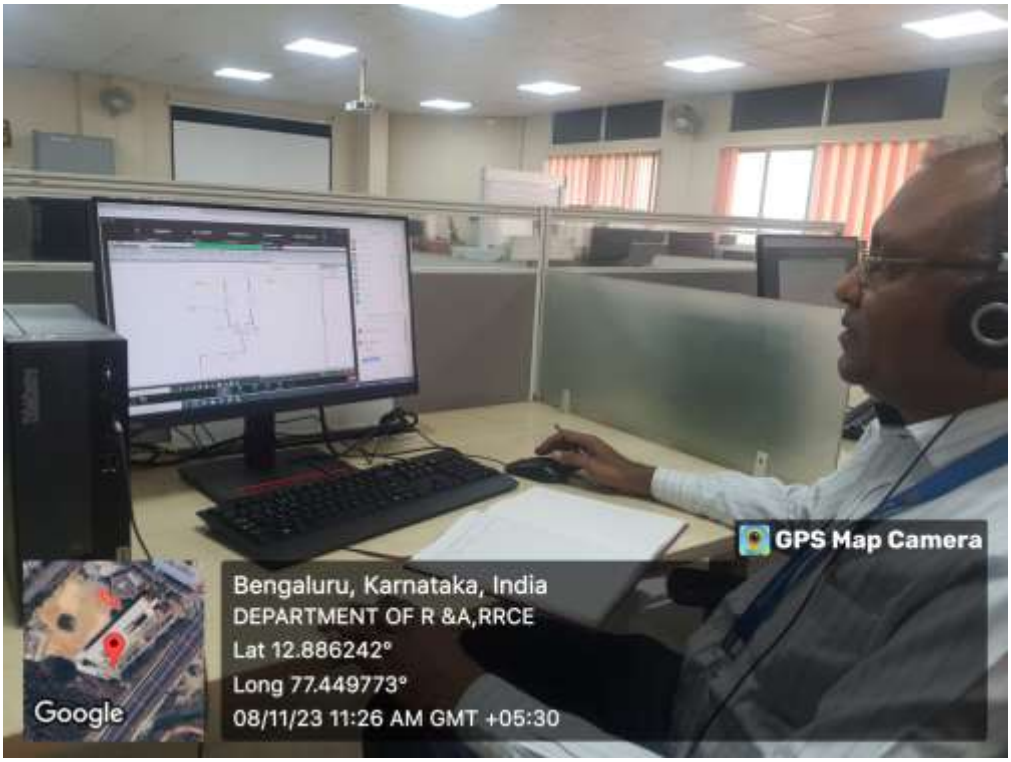
1. Dr. Satheesha V	2. Dr. M. Karthikeyan
Associate Professor	Professor & Head
Department of Robotics and Automation	
RajaRajeswari College of Engineering	
Bengaluru 560074.	

6. Participants: Faculty member of Mechanical, ECE and Robotics and Automation

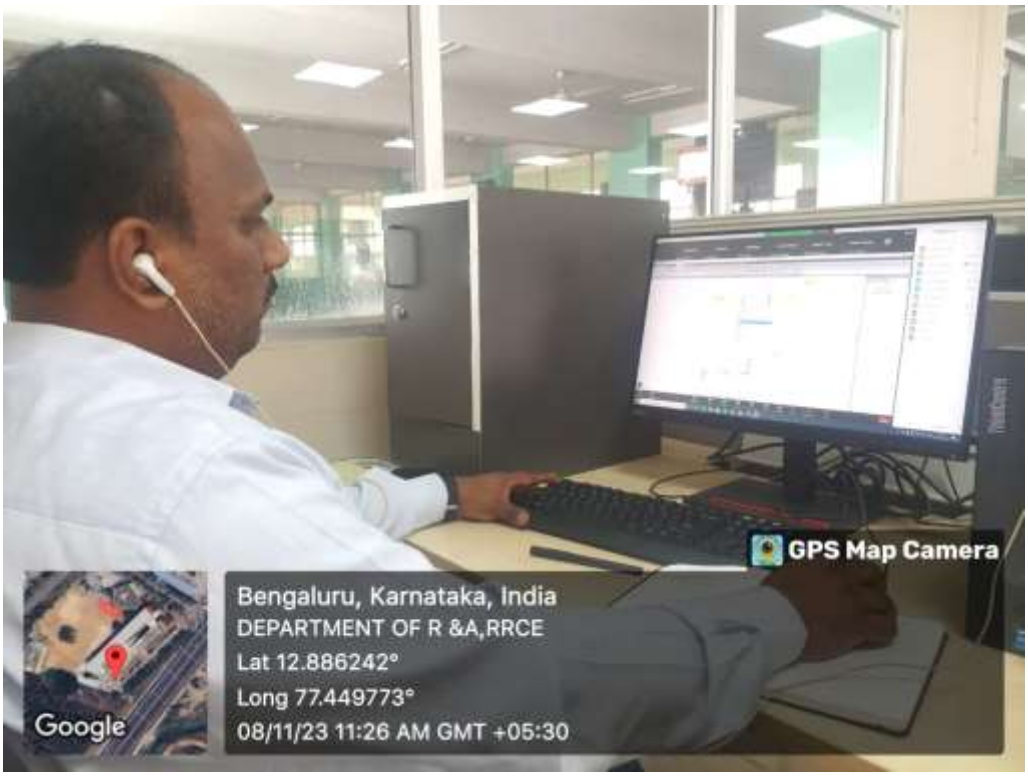
7. Outcome of the Programme: Faculty gained the information about the following:

- Latest Features of Automation Studio
- Standard Hydraulic Circuit and Pneumatic Circuit
- Electro-hydraulics/pneumatics using proximity Sensors
- Illustrated Library
- Building of basic pneumatic circuits
- Building of basic electro-pneumatic circuits with a ladder logic diagram
- Simulation of Building of basic electro-pneumatic circuits with cross-section of components
- Virtual Trainer Kit

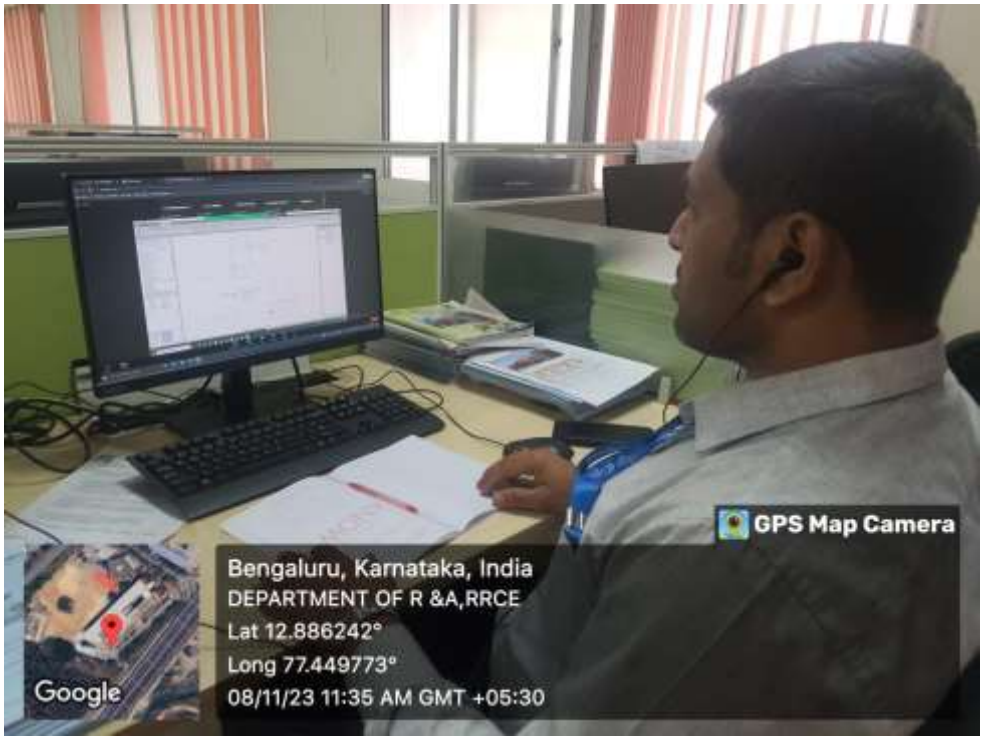
Geotagged Photos on online training on "Automation Studio"



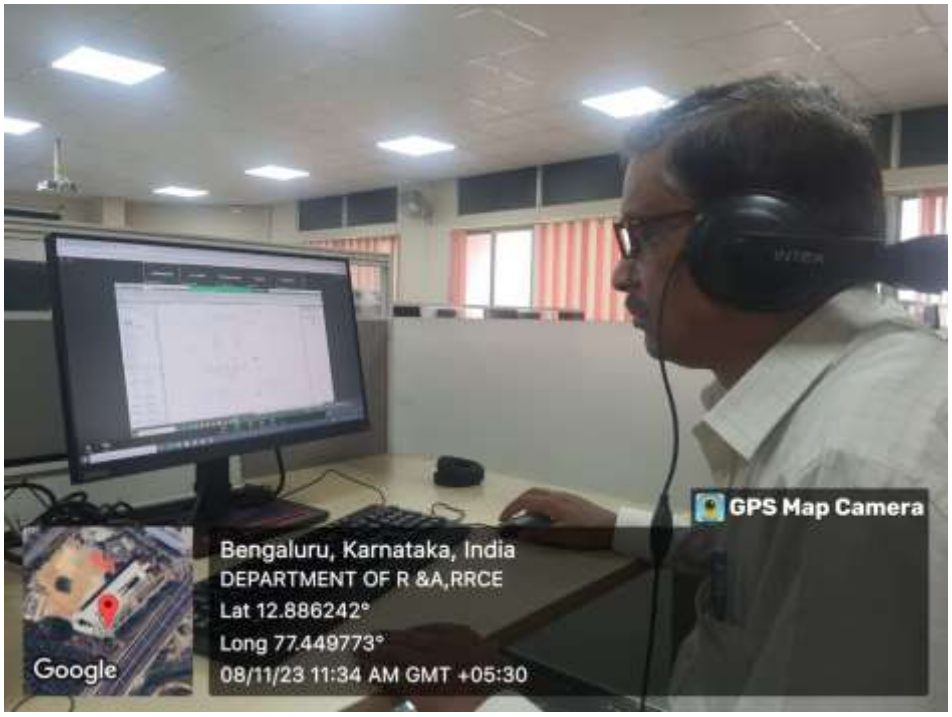
Dr.M.Karthikeyan, HOD RA attending the online training on "Automation Studio"



Dr.Satheesha.V., Associate Professor, RA attending the online training on "Automation Studio"

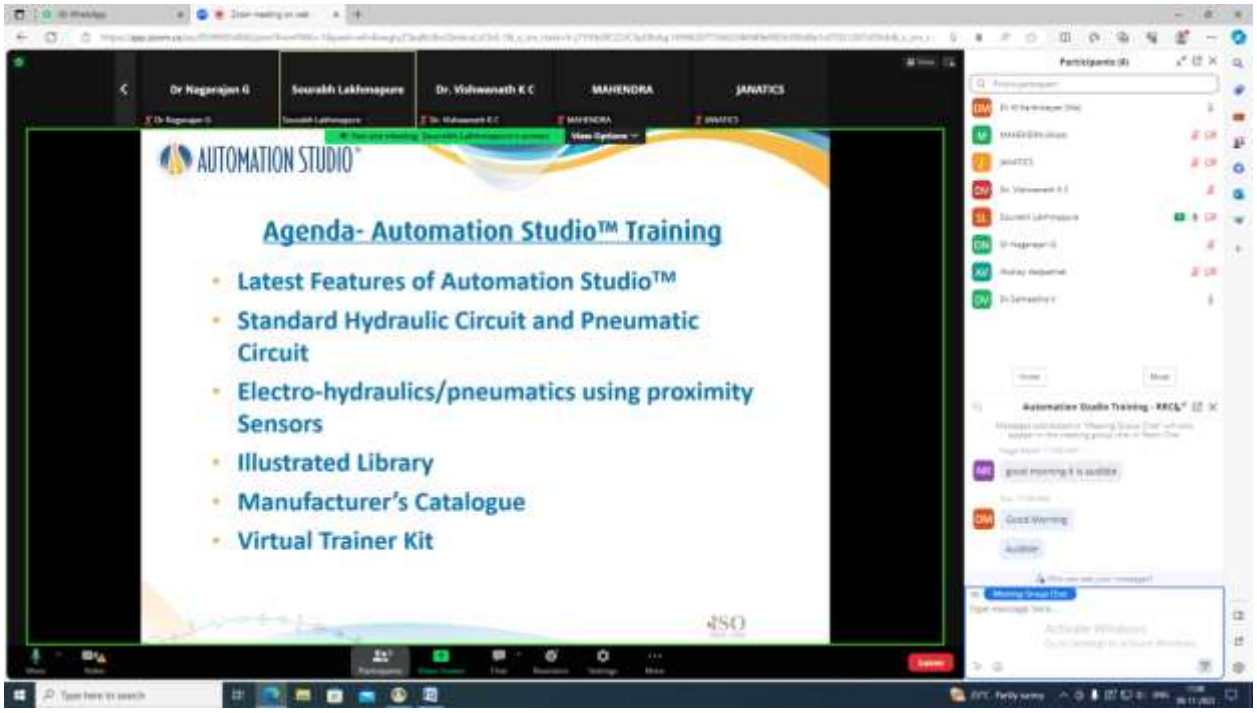


Dr.Vishwanath.K.C, esha.V., Associate Professor, RA attending the online training on "Automation Studio"

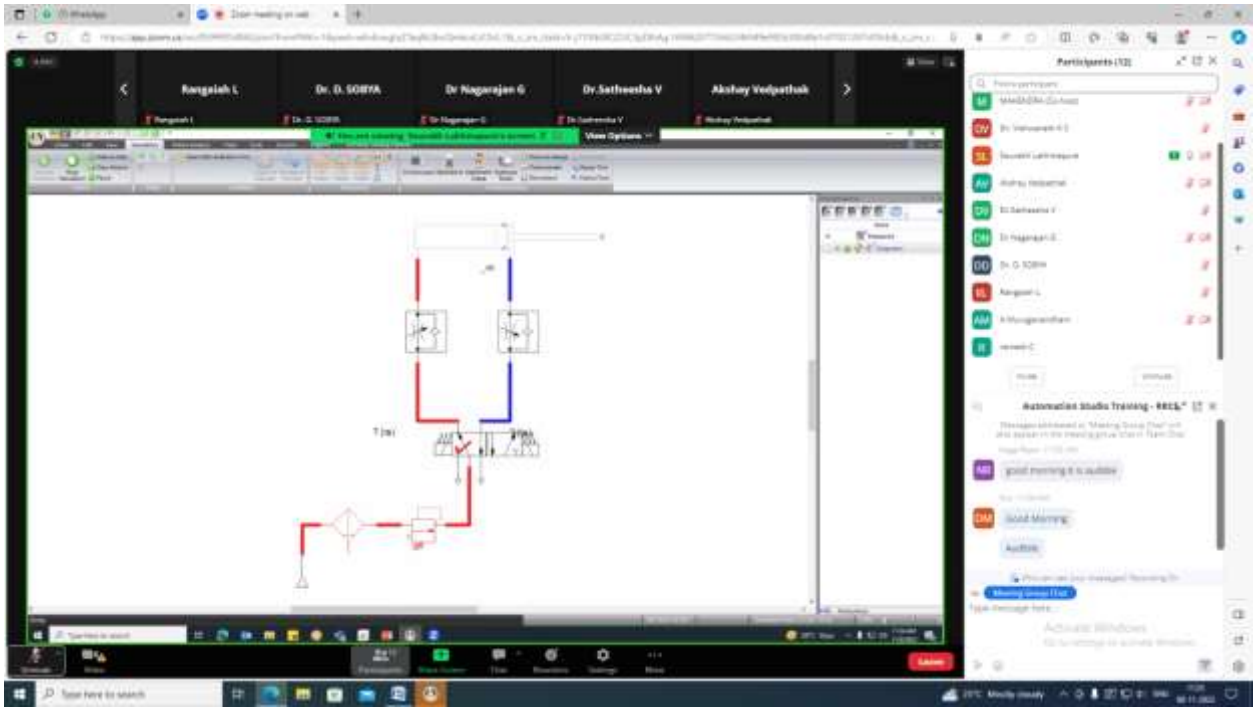


Mr.Krishnamoorthy, Technical Assistant attending the online training on "Automation Studio"

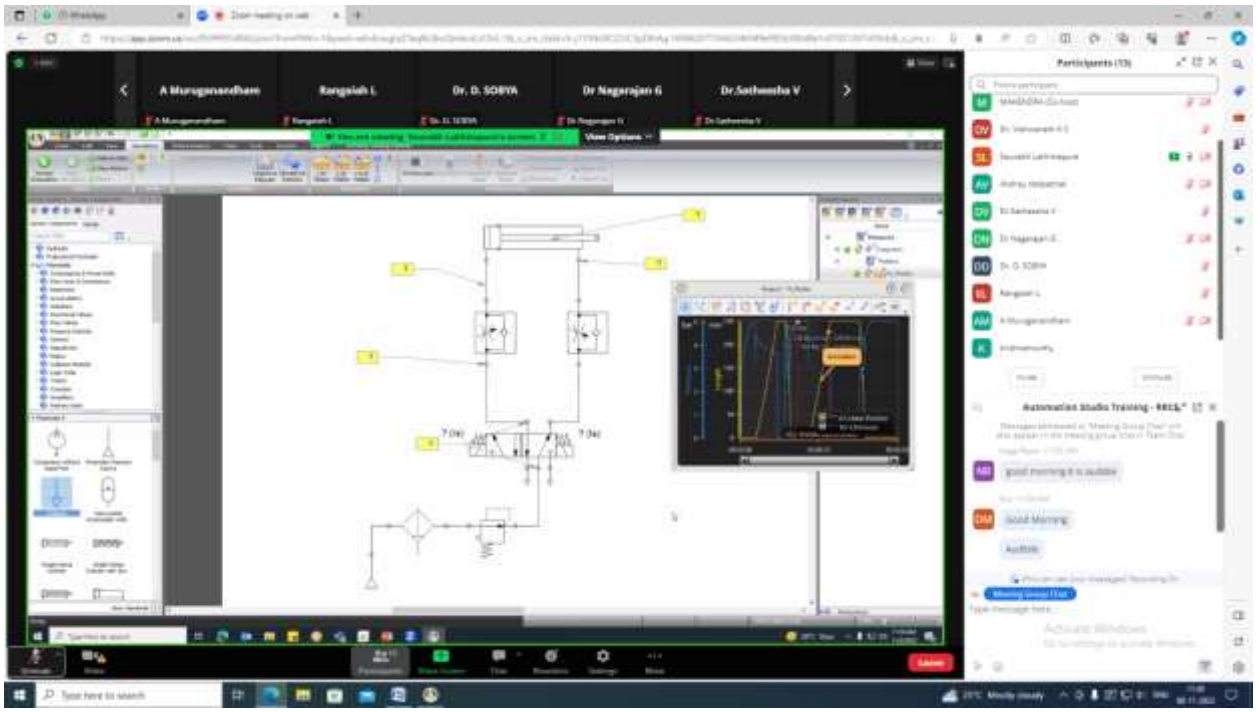
Screenshot of the online training on "Automation Studio"



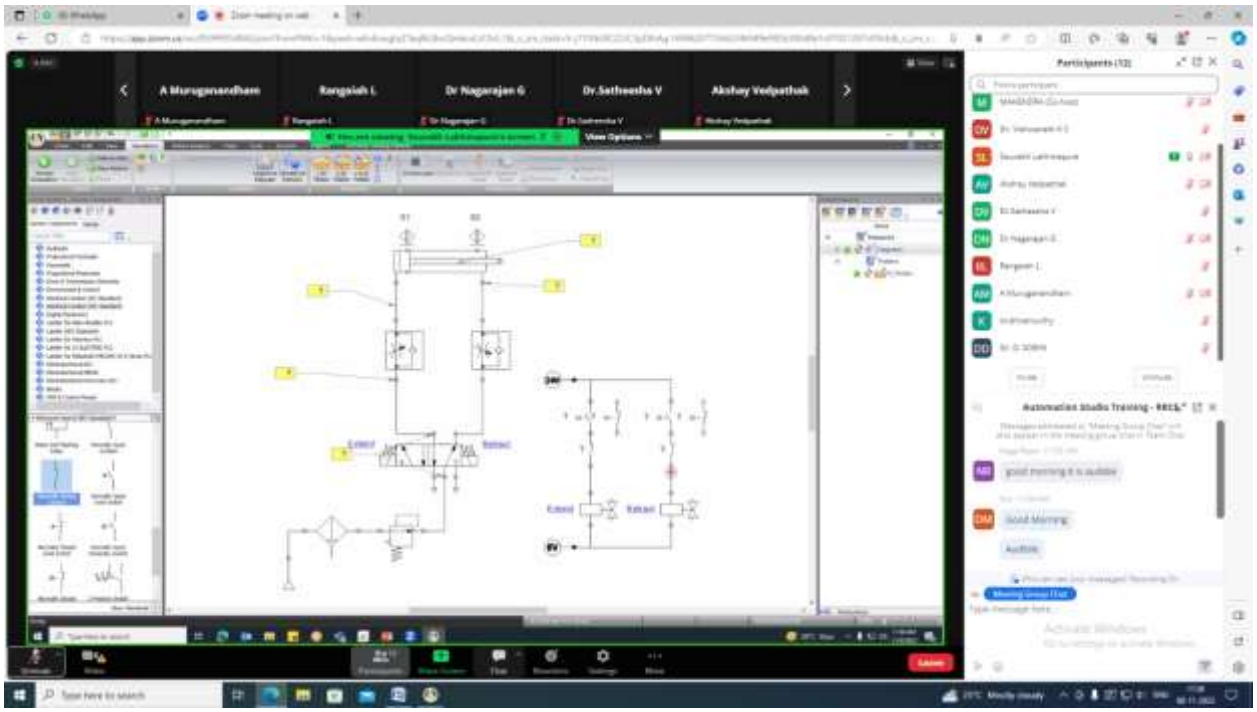
Agenda of the Automation Studio online training



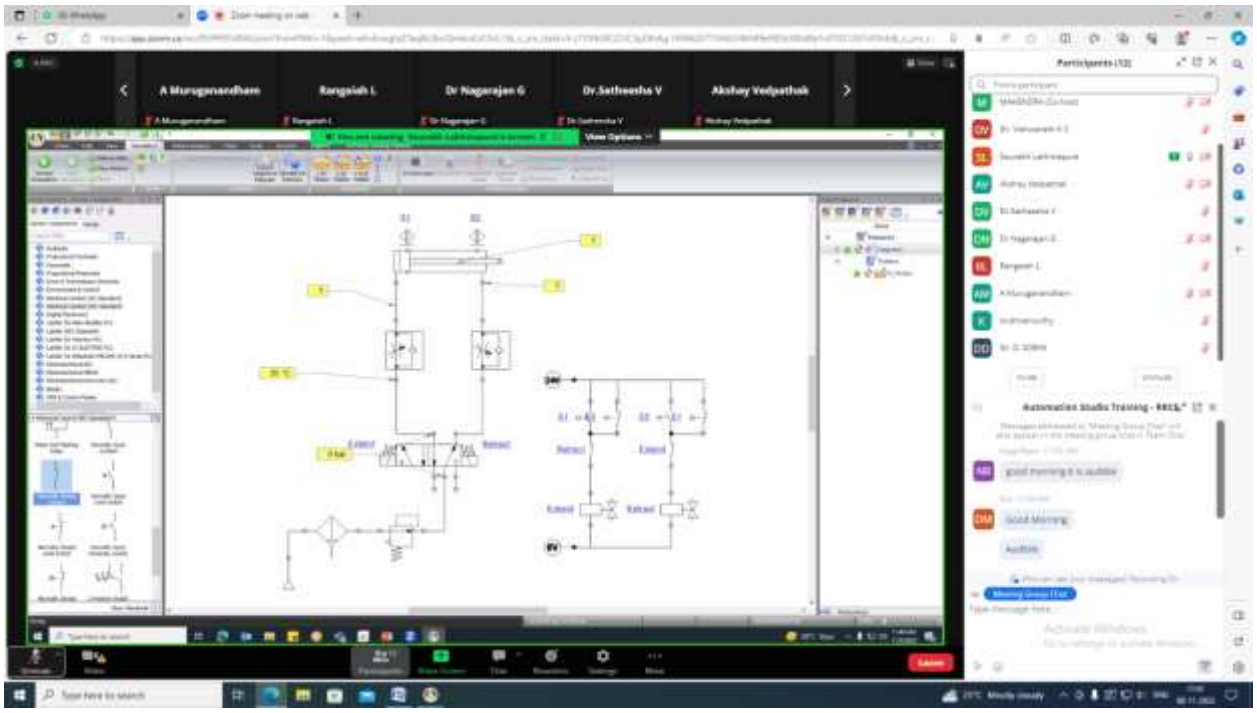
Building of basic pneumatic circuits



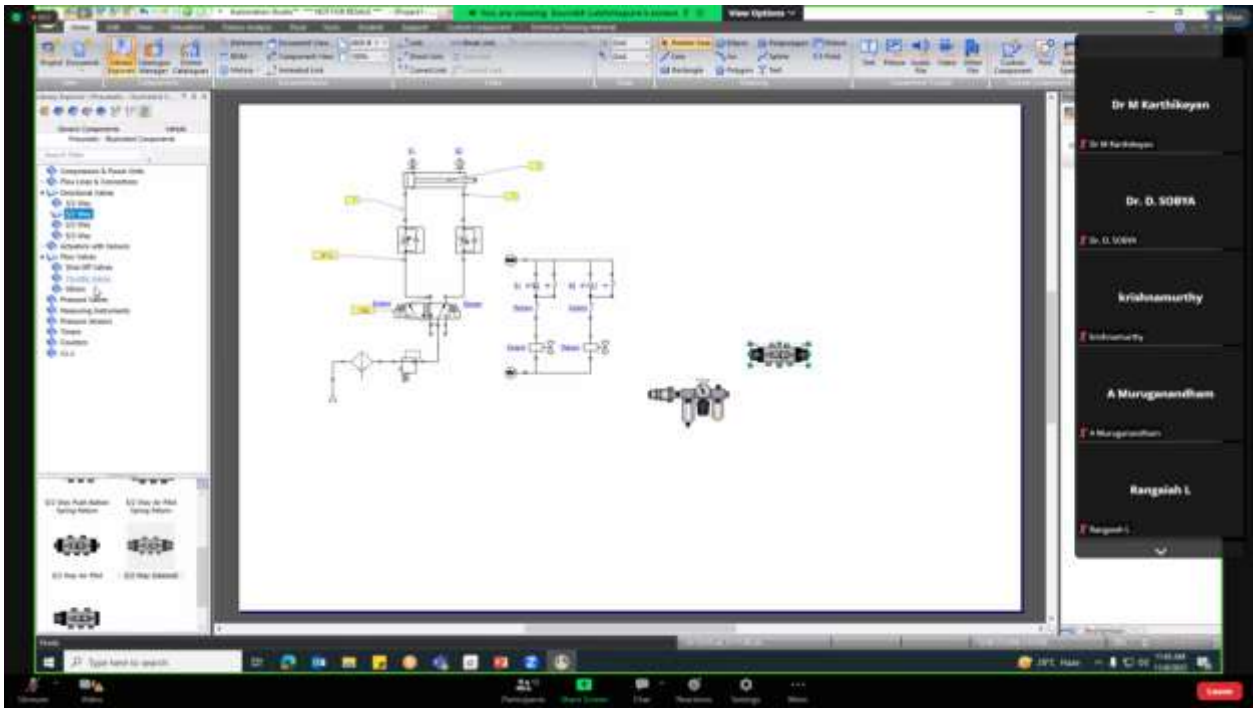
Building of basic pneumatic circuits with components parameters



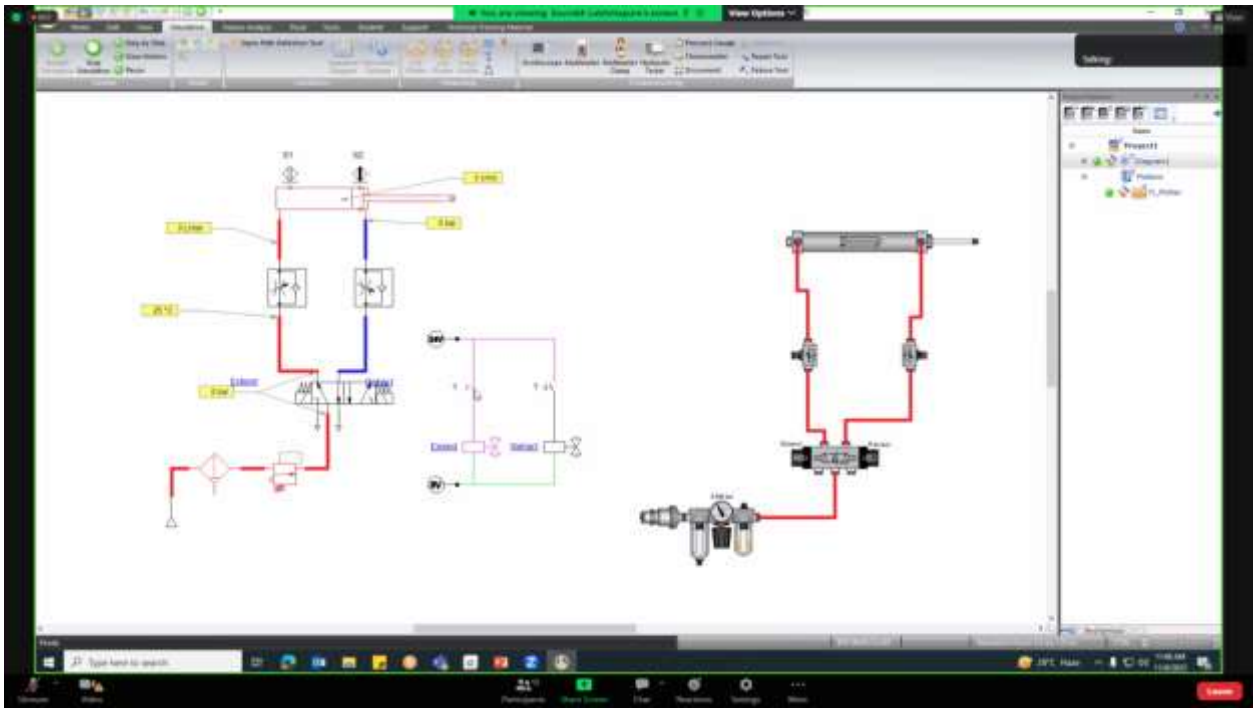
Building of basic electro-pneumatic circuits with ladder logic diagram



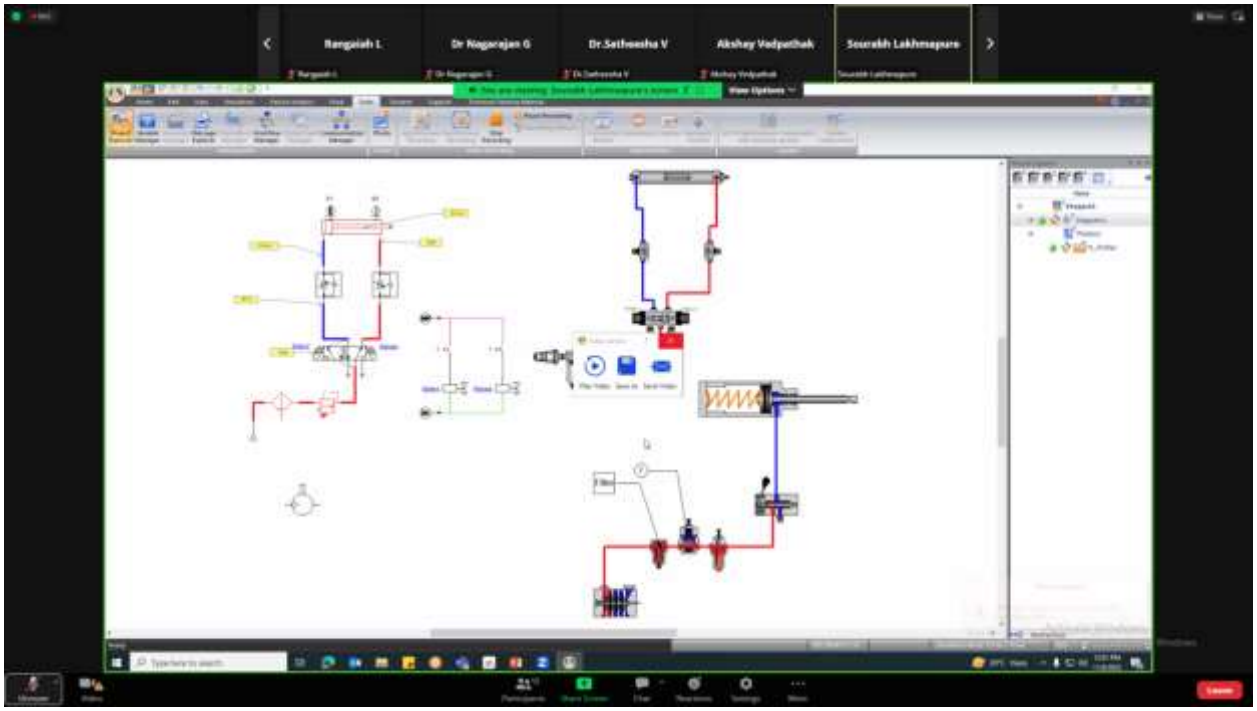
Building of basic electro-pneumatic circuits with ladder logic diagram



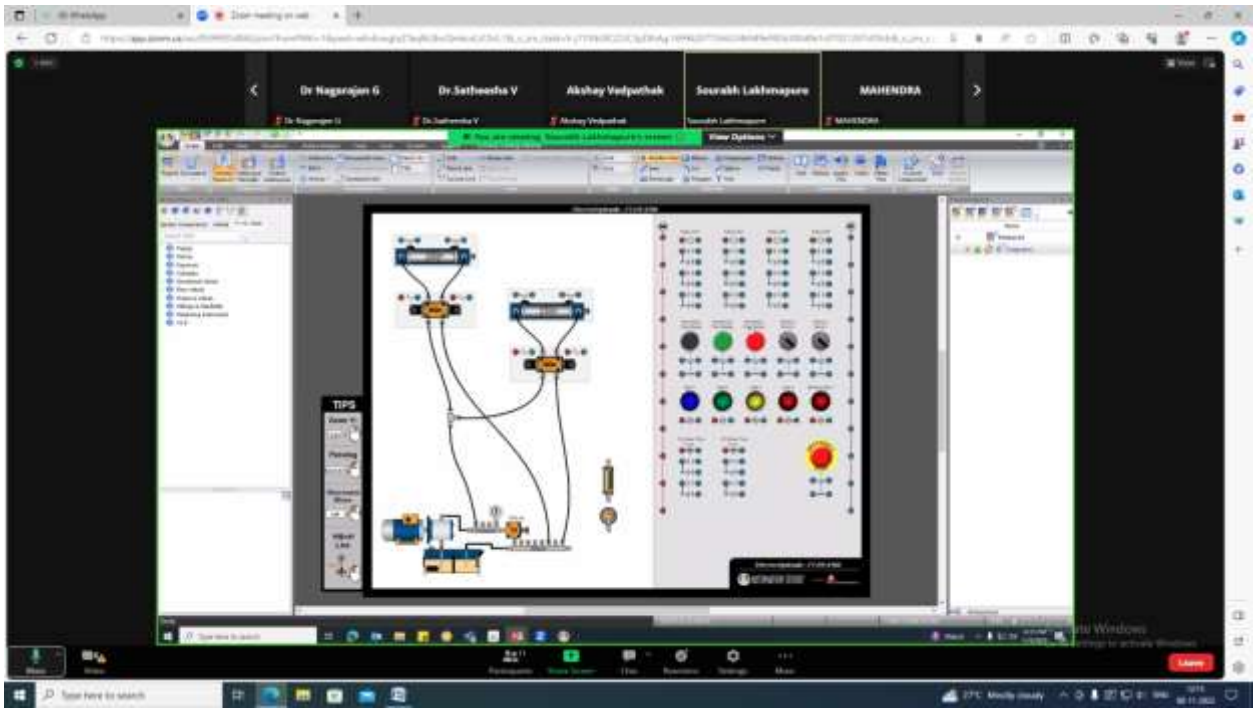
Building of basic electro-pneumatic circuits with ladder logic diagram



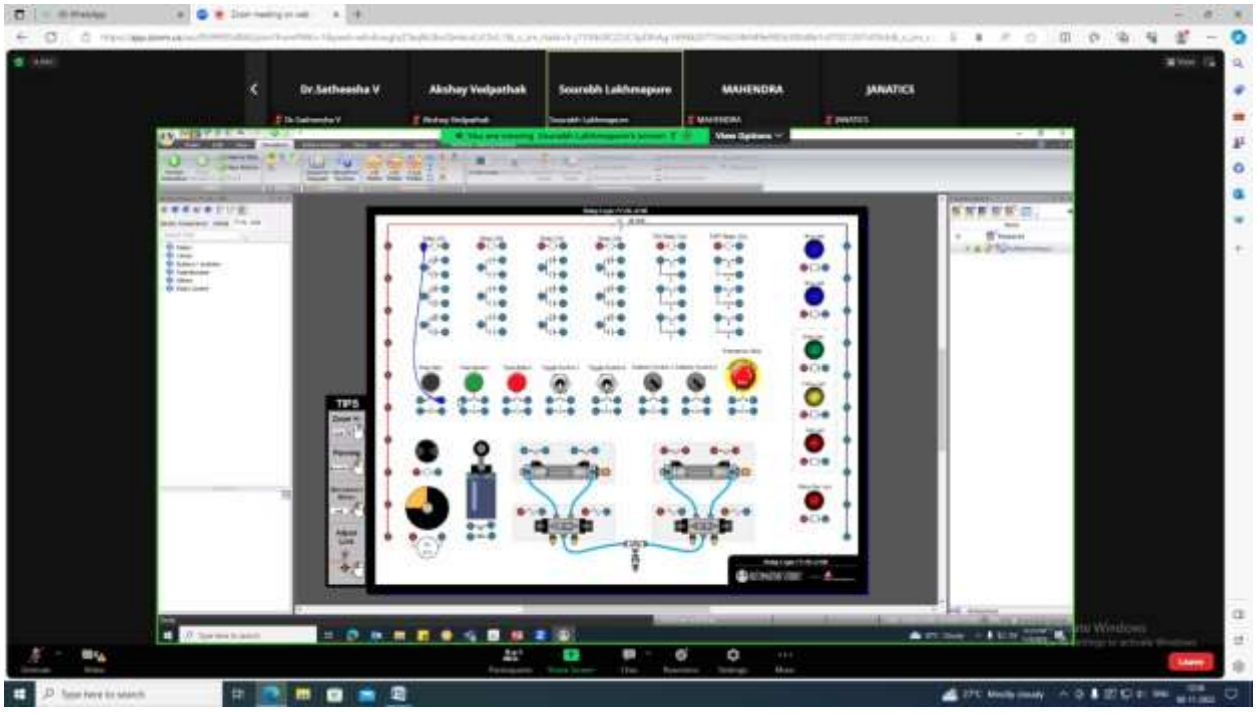
Simulation of basic electro-pneumatic circuits with illustrated components



Simulation of Building of basic electro-pneumatic circuits with cross-section of components



Simulation of PLC Hydraulic circuits



Simulation of electropneumatic circuits

Report prepared by Dr. M.Karthikeyan, HOD RA