HOPE FOUNDATION'S

Finolex Academy of Management and Technology, Ratnagiri
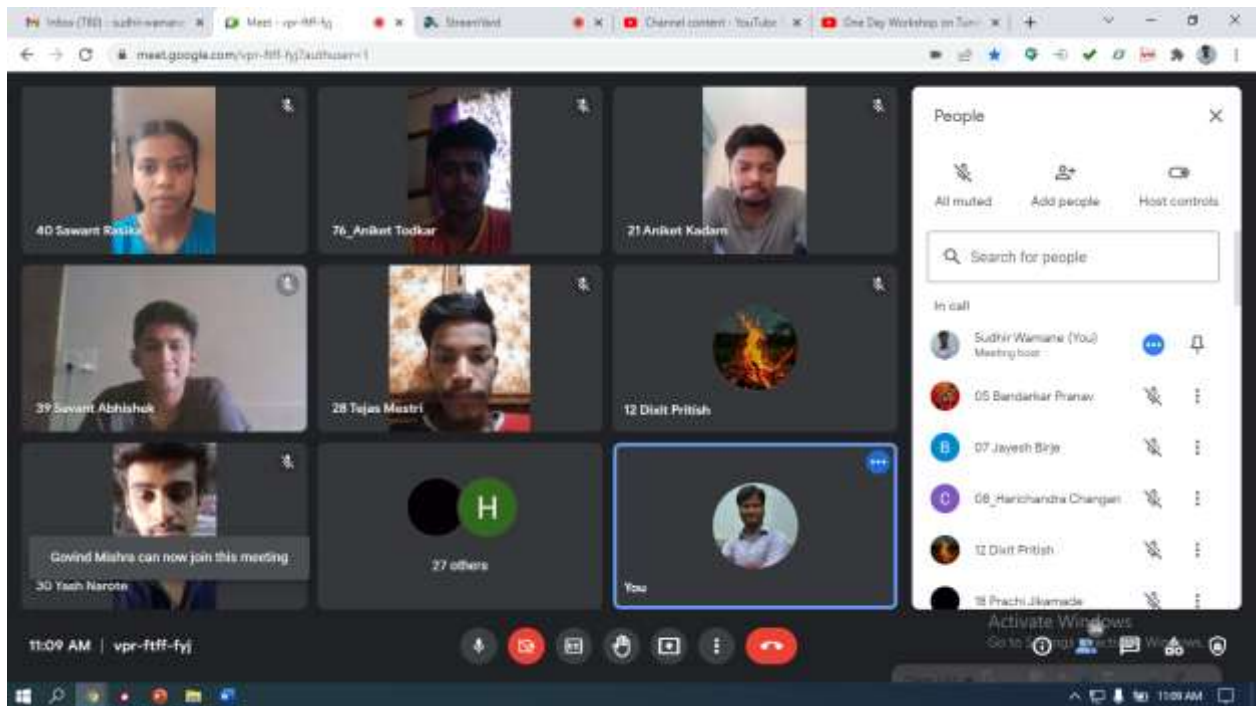# Department of Electrical Engineering

One day workshop on Tuning of PID Controllers

A one-day Workshop on Tuning of PID Controllers was organized by the Electrical Engineering Department on 5th March 2022. **Dr Sandeep Chawda**, the HoD, inaugurated the program with an informative and motivational talk on PID controllers. The workshop was conducted by **Prof. Sudhir S. Wamane,** Assistant Professor, Electrical Engineering. The workshop aimed to brief the students about the PID control algorithm and its usage in the control and automation industries.
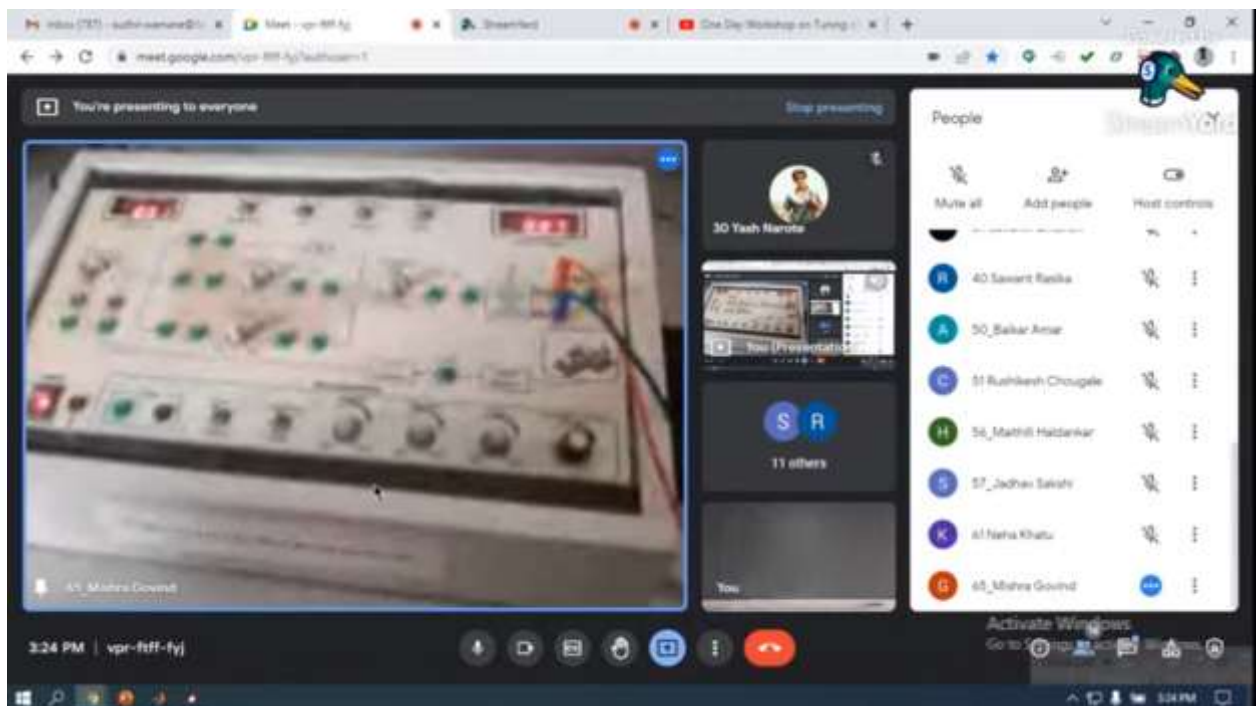
Prof. Sudhir S. Wamane discussed the characteristics and industrial thumb rules to design the PID controllers with examples. The workshop covered various open and closed loop tuning methods of PID controllers' viz. Ziegler - Nichols, Tyreus - Luyben, Cohen - Coon, Chien - Hrones - Reswick and damped oscillation tuning method. These tuning methods and their comparison in MATLAB software were also demonstrated by Prof. Suhas H Mhabadi.

A total of **45** students actively participated in the workshop. The students shared positive feedback and enjoyed learning the methods to tune PID controllers. **Prof. Suhas H. Mhabadi** coordinated this workshop successfully.
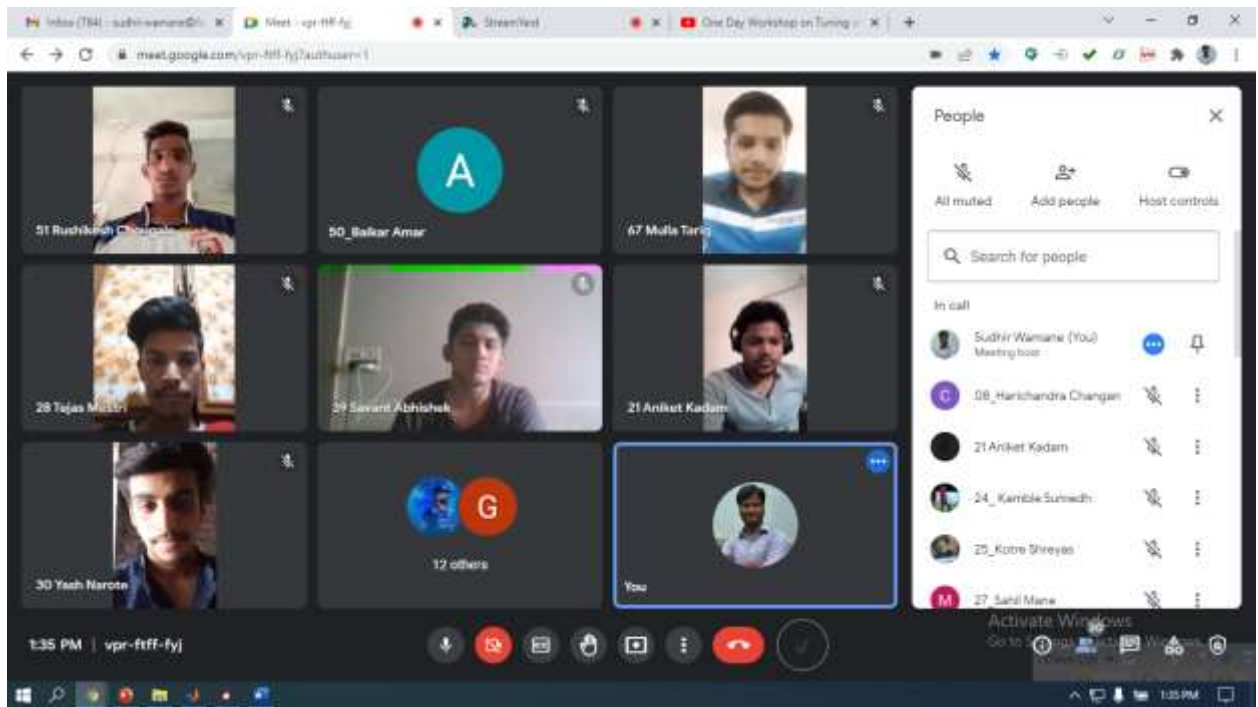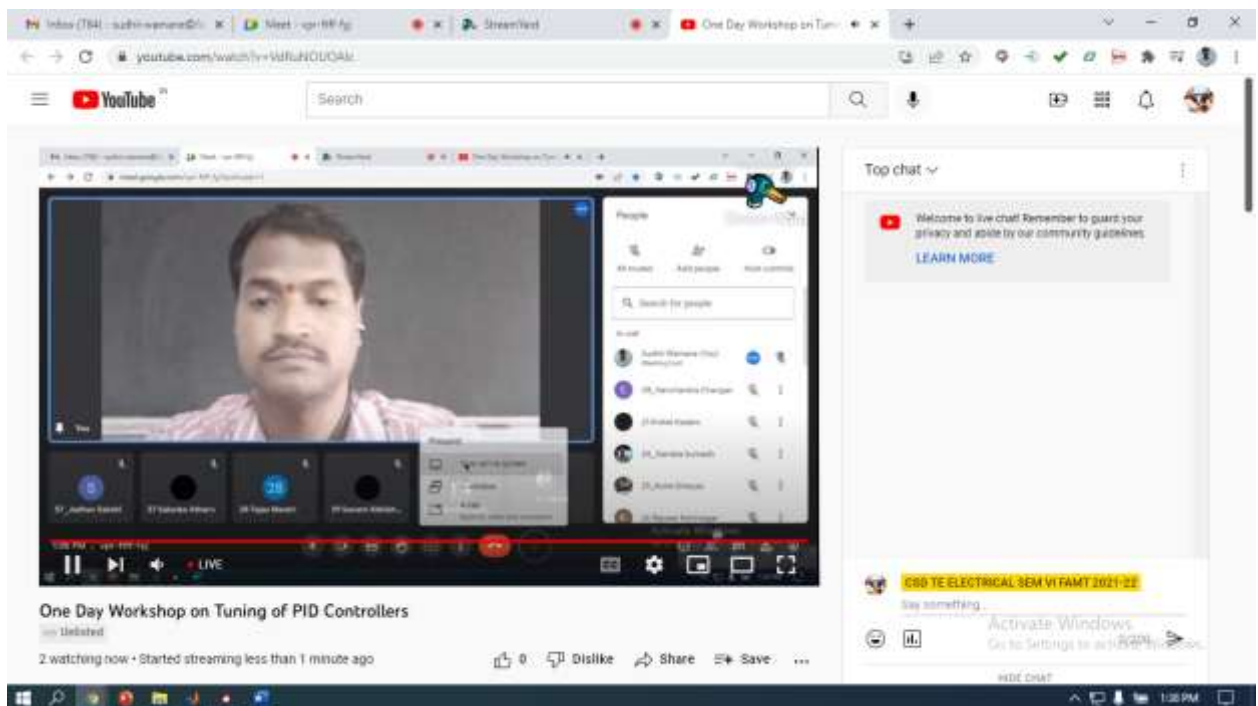
Photos of Workshop

Mr Sudhir S. Wamane interacting with the participants

Mr Sudhir S. Wamane addressing the participants

Participants from third-year electrical engineering department

Mr. Sudhir S. Wamane streaming the workshop through his YouTube channel