

MATLAB for Mechanical Engineers

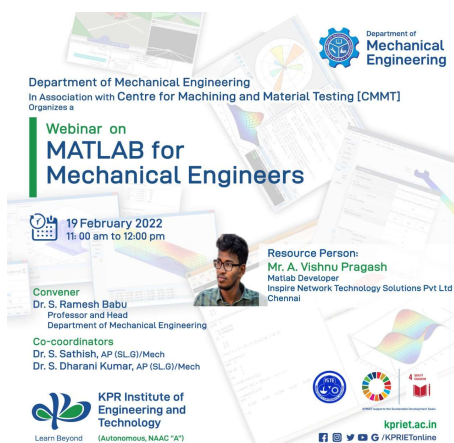
Event No	ME010
Organizing Department	Mechanical Engineering
Date	19/02/2022
Event Type	Webinar
Event Level	Dept. Level
Venue	-
Details Link	https://meet.google.com/qfg-jsie-ooy
Total Participants	44
Faculty - Internal	2
Students - Internal	42

Outcome

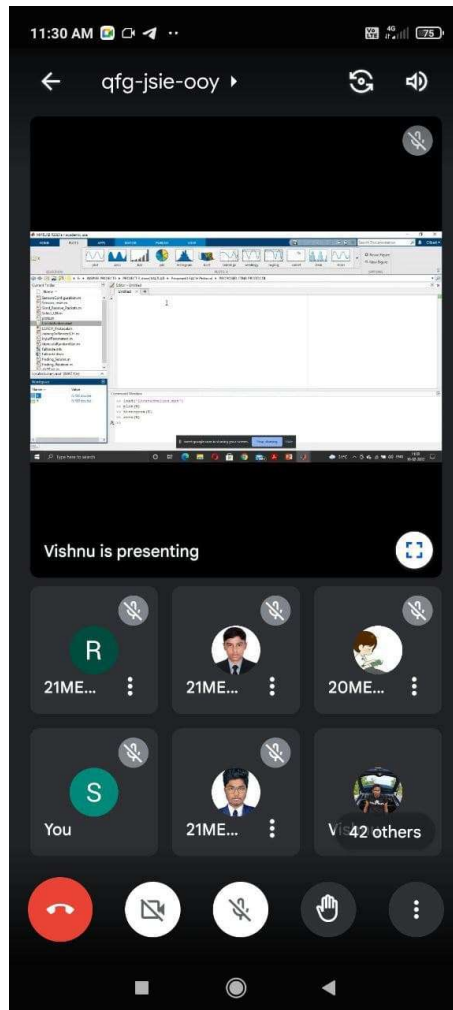
1. Students able to assemble the stiffness matrix with ease and gives time to focus on other parts of their projects. 2. Students able to do any simulation in the field of mechanical engineering involves solving a set of linear equations or matrices or arrays. 3. Students able to demonstrate the application of MATLAB and Simulink to the analysis of problems in system dynamics, engineering mechanics, mathematical modeling, and Model-Based Design.

Event Summary

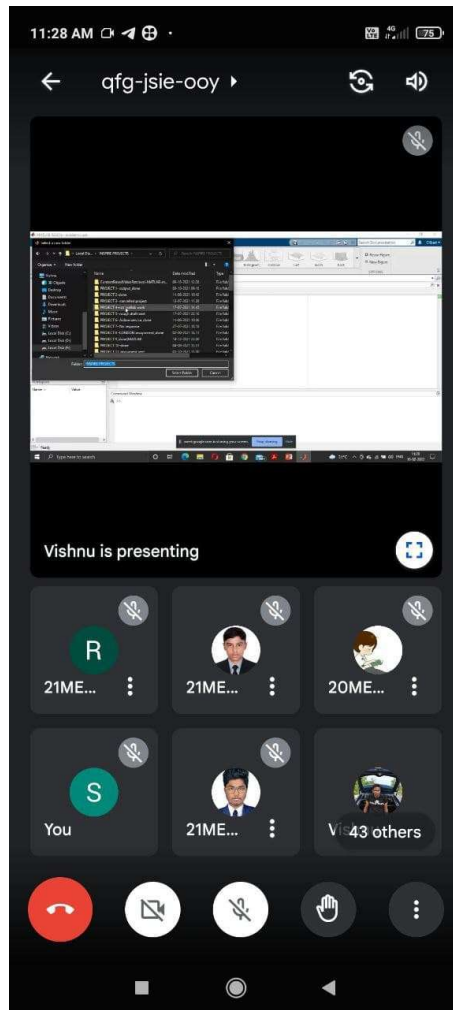
The resource person Mr.A.Vishnu Pragash has delivered the importance of MATLAB in Mechanical Engineering. He delivered content on "How to assemble stiffness matrix with ease by using MATLAB applications". He also make the students to do any simulation in the field of mechanical engineering involves solving a set of linear equations or matrices or arrays. He imparted the MATLAB demonstration skill from the students on analysis of problems in system dynamics, engineering mechanics, mathematical modeling, and Model-Based Design. Students also learned to solve problems in mechanical vibrations, control systems, and electrical circuits which help them to do their mini/main projects.



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