Department of Mechanical Engineering, SVCE

In Association with

MathWorks ®

ORGANIZED

An Expert Webinar

on

MATLAB and Simulink for Mechanical Engineering

August 17, 2021

COORDINATORS:

Dr.S.Ramesh Babu, Professor and Head

Dr.S.Saravanan, Professor

RESOURCE PERSON:

- **Dr Pranav Lad,Customer Success Engineer**
- **Dr. Anand Mukhopadhyay, Education Technical Evangelist,**

BROCHURE

SVCE | Sri Venkateswara College of Engineering

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INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

Expert Webinar on

MATLAB and Simulink for Mechanical Engineering

Resource Person

Dr Pranav Lad

Customer Success Engineer
MathWorks

Date	Time
17th August, 2021	10.00 Hrs to 12.00 Hrs (IST)

Registration form: https://forms.gle/8KvzLYzR23RbHTFSA

To join the Programme

https://mathworksmeeting.webex.com/mathworksmeeting/j.php?MTID=mc403554f10a90d1ecc4c9286c46cb8ff

Meeting number: 179 893 6129 Password: NuBiVWrs783

Organized by
Department of Mechanical Engineering, SVCE
In Association with
MathWorks®

Convenor
Dr. S. Ramesh Babu, HoD / MEC

Coordinator
Dr. S. Saravanan, Professor / MEC

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Benefits:
This webinar will be beneficial for the Faculties interested in using MATLAB and Simulink for teaching Mechanical Engineering concepts interactively.

Outcome:

- Faculty will be familiar with various applications of MATLAB and SIMULINK
- Faculty will be familiar with various Modules of SIMULINK
- Faculty will be familiar with various applications of MATLAB in Teaching

Program Summary:

This webinar is focused to explore the application of MATLAB and Simulink for mechanical engineering and also to create a platform for initiating the usage of MATLAB and Simulink. This workshop also aims to create awareness among the faculty of Mechanical Engineering about the usage of MATLAB and Simulink. Challenges exist in Teaching will overcome by the usage of MATLB.

Following models were demonstrated

- Modeling Spring-Mass-Damper System
- Using App Designer
- Introduction to Simulink and Simscape
- Fluid Mechanics and Thermal Modeling