



## About the online training program

COMSOL Multiphysics is one of the important computational tools which is being used by various academicians, researchers, and industrialists. Computational tools are complimentary to experimentations in which approximate results can be easily predicted to get optimal parameters therefore time and experiment cost can be saved.

COMSOL Multiphysics is a cross-platform finite element analysis, solver, and multiphysics simulation software. It allows conventional physics-based user interfaces and coupled systems of partial differential equations (PDEs). Several modules are available for COMSOL, categorized according to the application areas of Electrical, Mechanical, Fluid, Acoustic, Chemical, Multipurpose, and Interfacing. During the entire program, the software trial, models, and task clarity will be provided by COMSOL personnel and the user is expected to spend approx. an hour per day. **This training program is free of cost for exclusively NIT Hamirpur**

## Tentative training program

The whole training program is divided into two parts

Part-I:

- A 14 days software trail for the participants
- During the first week some pre-recorded videos will be circulated to learn the basics of the software
- During the second week of the program, participants will learn to make and simulate a simple model in COMSOL Multiphysics.
- Hands on training session (approx. 2 Hrs) will be carried out by COMSOL experts.

Part-II:

- During the third week of the program, relatively complex models will be developed through step-by-step guidance.
- During the fourth week, participants can develop the model as per their requirements.

## Organizing committee

### Patron

**Prof. Lalit Kumar Awasthi**

Director NIT Hamirpur

### Chairman

Dr. Tapas Palai

Head, Department of Chemical Engineering, NIT Hamirpur

### Coordinator

Dr. T. C. Kumawat  
NIT Hamirpur

### Tentative List of Experts

Dr. Veenit Dravid

Mr. Vineet Bansal

Ms. Prajakta Sabnis

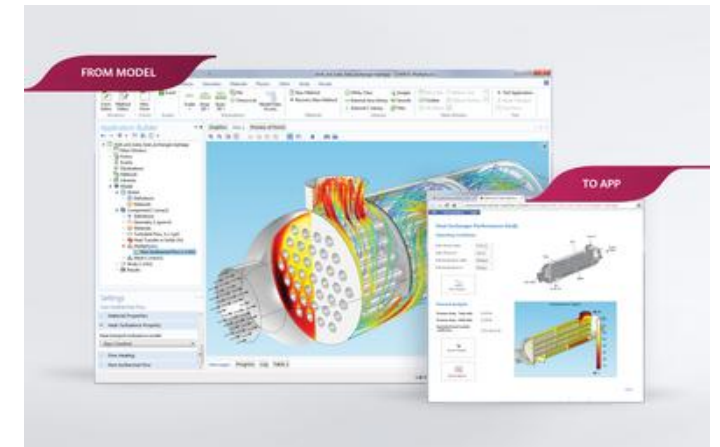
COMSOL India

ONLINE ONE MONTH TRAINING PROGRAM ON

**COMSOL Multiphysics**

**in Engineering Applications**

**(01–31<sup>st</sup> October, 2020)**



ORGANIZED BY

**Department of Chemical Engineering**

National Institute of Technology Hamirpur

Hamirpur– 177005, India

*in association with*

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