



Short Course on Finite Element Analysis



Course Coordinator

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Registration Fee: Rs. 15,000/- + 18% GST
Schedule: July 17-21, 2023 (5 Days Course)
Course Mode: Offline

Theory:

1. Recap of Mathematical Concepts
2. Recap of Fundamentals of Elasticity
3. Recap of Fundamentals of Plasticity and Heat Transfer
4. Introduction to Finite Element Method
5. Formulation of a Problem using Finite Element Method
6. Formulation of a Problem using Finite Element Method
7. Example Problem Formulations in Solid Mechanics and Heat Transfer
8. Error Estimation and Common Mistakes
9. Installation of ANSYS software and its introduction
10. Introduction to ANSYS: FEM-Structural Analysis on Cantilever Beam under Axial Load
11. Examples with ANSYS

This course can be attended only by registration. Registration will be accepted on first-come first-serve basis.

Registration Deadline: July 7th, 2023

Registration Link

<https://iisc.online/shortterm/home.html>