

National Institute of Technology Kurukshetra

NIT Kurukshetra, formerly known as Regional Engineering College, Kurukshetra was founded in 1963. It was conferred upon the NIT status, with Deemed University on June 26, 2002. The Institute offers several courses, in various disciplines of B.Tech., M.Tech., MBA and MCA and Ph.D. Institute also provides excellent facilities for advanced research in the emerging areas of Engineering, Science, and Technology. The institute has well qualified and dedicated faculty along with supporting staff, laboratories and other infrastructure.

About Mechanical Engineering Department

Department of Mechanical Engineering, NIT Kurukshetra has been offering Under-graduate Program (B.Tech. in Mechanical Engineering & Production and Industrial Engineering), Post-graduate Program in Production and Industrial Engineering, Design Engineering and Thermal Engineering. The course curriculum has been designed to be compatible with the existing and emerging needs of the industry. The autonomy of the Institute is a privilege to the department in terms of flexibility to modify and revise courses/syllabi at different time intervals to cater contemporary needs to the needs of the industry.

Workshop Objectives

Workshop aims to cover wide range of elementary and advanced topics related to Applications of ANSYS in Engineering with hands-on. Participants will go through with a comprehensive understanding of various aspects related to ANSYS software. The main objective of this workshop is to get an exposure to fundamentals of ANSYS with applications in fluid flow, heat transfer and structural analysis of engineering problems. Workshop will also cover simulation of advanced manufacturing processes and Battery management system (BMS). The workshop is designed for both beginners and experts, and will be focused to give an insight into field through Hands-on sessions.

Patron

Dr. B.V. Ramana Reddy,
Director, NIT Kurukshetra

Co-Patron

Dr. Hari Singh
Professor and MEHOD, NIT Kurukshetra

Convenor

Dr. Vikas Kumar
Assistant Prof. ME Department

Dr. Ranjeet Kumar
Assistant Prof. ME Department

Coordinator

Dr. Pankaj Sahlot
Assistant Prof. ME Department
NIT Kurukshetra

Dr. Ravi Pratap Singh
Assistant Prof. ME Department
NIT Kurukshetra

Dr. Dinesh W. Rathod
Assistant Prof. ME Department
NIT Kurukshetra

Organizing Committee

All faculty and Staff of Mechanical Engineering
Department, NIT Kurukshetra



Online - Workshop on

Applications of ANSYS in Engineering: Basics to Advanced

(AAE-2024)

(July 05-09, 2024)



Organized by

Department of Mechanical Engineering,
National Institute of Technology,
Kurukshetra-136119, Haryana, India

Resource Person

Eminent resource person from ANSYS team:

Topics to be covered

Workshop aims to address the following topics.

- Preparing Geometry for simulation using ANSYS
- Postprocessing capabilities
- Fundamental and best practices of meshing in ANSYS
- Exploring structural and thermal analysis with ANSYS structures
- Leveraging ANSYS CFD for flow and heat transfer analysis
- ANSYS simulation of manufacturing processes such as welding, additive manufacturing etc.
- ANSYS capabilities for Battery and BMS

Who Should Attend?

Students/research scholars/Faculty member from academic Institutes and Scientists/Engineers working in Private/ Public/Govt. organizations/industries etc. can attend the workshop.

Number of Participants

Number of participants is limited for this workshop. Application will be accepted on first-cum-first serve basis.

Important Dates

Last date (Online Registration): 25-06-2024

Confirmation by E-mail: 28-06-2024

Workshop duration: 05-07-2024 to 09-07-2024

Registration Fee Details

Participants	Amount (in Rs.)
Students (UG)	200/-
Students (PG/PhD)	500/-
Faculty Members/R&D Labs	700/-
Participants from Industries	1000/-
Foreign Delegate (Academia/Industry)	\$20

Registration is compulsory for all the delegates. The registration fee is non-refundable.

How to Apply

The interested candidates must deposit the registration fee through SBI collect with the following procedure:

- Go to SBI collect and choose Educational Institutions and Filter by selecting state as Haryana
- Choose Director NIT Kurukshetra from Name of the Institutions and Select payment category as **AAE-24**
- Generate the payment slip and attach it with the registration form available at the following link

https://docs.google.com/forms/d/1j_kCNAu8Y_hkPR2gHQipzDBktPxSR4kgu6IVCo3HGMLM/edit?ts=66570768

***E-Certificate will be provided to those registered participants whose minimum attendance is 75% of this workshop.**

For more details contact

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