

ABOUT KURUKSHETRA

Kurukshetra is a place of religious pilgrimage and historical significance. It is the land of Mahabharata and place where sermons of 'Bhagwad Gita' were delivered. In medieval period, Thanesar, the old city, was the seat of power of Harshwardhana. Kurukshetra is well connected with rail/road. It is a railway junction on Delhi-Ambala section and is situated on National Highway No. 1 (G.T. Road). It is approximately 160 km from Delhi, 100 km from Chandigarh and 194 km from Shimla. NIT Kurukshetra is about 10 km from Pipli and 6 km from Kurukshetra railway station.

ABOUT NIT KURUKSHETRA

National Institute of Technology, Kurukshetra (founded as Regional Engineering College, Kurukshetra in 1963) was conferred upon the status of Deemed University on June 26, 2002. Institute has B.Tech, M.Tech, MBA and MCA Courses in various disciplines with annual intake of about 1500 students. Institute also offers excellent facilities for advanced research in the emerging areas of Science and Technology leading to Ph.D. degree. The institute has well qualified and dedicated faculty along with finest supporting staff, laboratories and other infrastructure. The syllabus and the curricula are constantly being updated to meet the growing demands and need of the country in different areas of technology. The infrastructure is geared to enable the Institute to turn out technical personnel of a high quality.

ABOUT DEPARTMENT

The Department of Mechanical Engineering started its illustrious journey in 1963. It can boast of one of the most talented faculty among the engineering institutes. There are various research and development projects in Mechanical Engineering that are strongly supported by the institute. Since the inception of the department, it has been the source of attraction for meritorious UG, PG and PhD students. The departmental labs are equipped with a wide range of machines, tools and equipment to broaden the practical knowledge of students. It also incorporates labs to carry out design, simulation and development on latest computer systems. The department lays strong emphasis on helping students acquire practical knowledge. It has played a key role in motivating and assisting the students to freely explore the departmental resources and carry out academic activities.

IMPORTANT DATES

Last date of Registration: March 12, 2018
Notification about Selection: March 14, 2018
Participants' Confirmation: March 19, 2018

CONTACT PERSON

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One Week Short Term Course

On

Advances in Machining Processes (AIMP 2018)

March 26-31, 2018



Patron

Padma Shri Dr. Satish Kumar

Chairman

Dr. Surjit Angra

Coordinators

Dr. Joy Prakash Misra

Dr. Jatinder Kumar

Dr. Vinod Kumar

Organized by

Mechanical Engineering Department

National Institute of Technology

(An Institute of National Importance)

Kurukshetra – 136119

Haryana, India

INTRODUCTION

Rapid technological advancement after Second World War has led to the development of ultra-hard, high-strength, high-temperature-resistant, difficult-to-machine materials for their increasing demand in technological advanced industries like aerospace, automotive, marine, power plants, missile, and turbine industries. Producing complicated geometries, least metallurgical transformations, and maintaining high dimensional accuracy in products made of such materials become extremely difficult with the conventional machining processes which necessitate the development of newer concepts in machining science.

OBJECTIVES OF THE COURSE

The objective of this short term course is to enrich the knowledge of participants in the emerging areas of machining science and to make participant aware of advancements occurring in this field. Furthermore, participants will be able to apply these concepts in their research work and they can add it into their course curriculum.

SCOPE OF STC

- Conventional Machining Processes
- Advanced Machining Processes
- Hybrid Machining Processes
- Processing of Advanced Materials
- Surface Integrity Evaluation
- Experimental Design
- Process Optimization
- Modelling of Machining Processes

EXPERT LECTURES DELIVERY

Lectures will be delivered by distinguished faculty members from IITs, NITs and professional from industries.

WHO SHOULD ATTEND

Faculties, research scholars, UG/PG students from engineering institutions and professionals from Industry & R&D units can attend the course. Application should be made on the registration form and should accompany registration fee as below:

Participants	Amount (Rs.)
UG Student	500/-
PG Student	750/-
PhD Student	1000/-
Faculty from Institutions	2500/-
Professionals from Industry & R&D Units	5000/-

Accommodation can be arranged in hostel/guest house on nominal payment basis subject to the availability. No TA/DA will be paid to the participants. Participants will be selected on first-come-first serve basis up to a maximum of 30. The complete registration form duly forwarded by the Head of the Institution/department accompanied by **DD/ Cash** of requisite amount should reach on or before March 12, 2018. The demand draft should be drawn in favour of “**Director, NIT Kurukshetra**” payable at Kurukshetra. The brochure with registration form can be downloaded from Institute website www.nitkkr.ac.in.

APPLICATION FORM One Week Short Term Course on Advances in Machining Processes (AIMP 2018) (March 26-31, 2018)

Name:

Designation:

Gender:

DOB:

Highest Qualification:

Experience:

Organisation:

Address:

E-mail:

Mobile No:

Details of registration fee

D.D. No:

Amount:

Issuing Bank:

Date:

Signature of Applicant

Forwarding authority

Name:

Designation:

Signature with Seal