*NATIONAL WORKSHOP*
*ON*

# *DESIGN AND DEVELOPMENT OF NON-DESTRUCTIVE TESTING EQUIPMENT FOR INDUSTRIAL PRODUCTS*

**September 29-30, 2005**

**At**
**National Institute of Technology Kurukshetra – 136 119, INDIA**

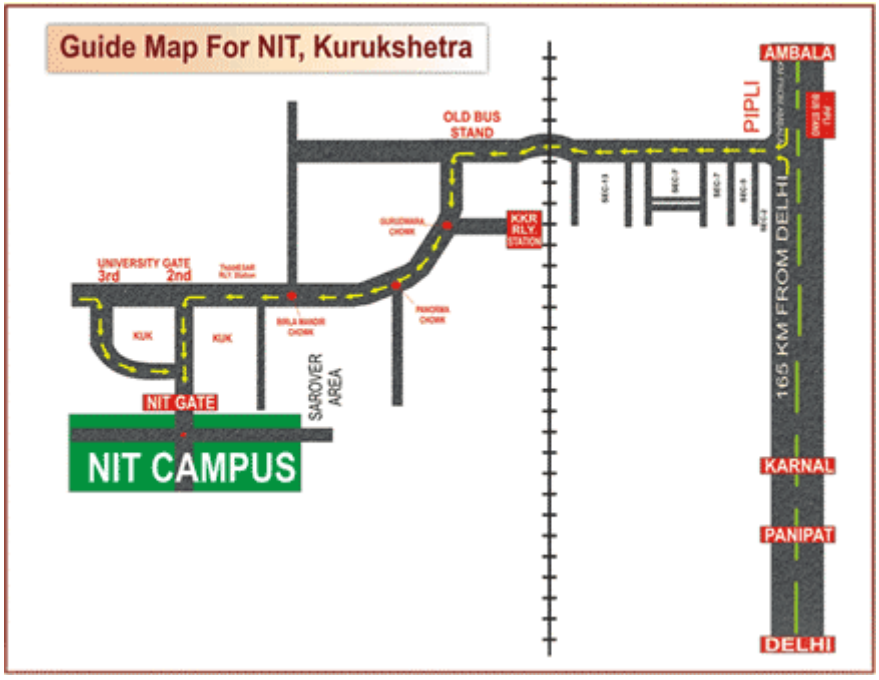
**Organised by**
**Department of Mechanical Engineering**

**In association with**
**Department of Science and Technology, New Delhi**

## About Kurukshetra

KURUKSHETRA - the land of the Mahabharata has traditionally been the epicenter of learning. It was here that the message of the Bhagvad Gita is believed to have been delivered by Lord Krishna. In addition to its spiritual significance the town has steadily developed into a center for academic excellence and occupies a place of privilege on the academic map of the Northern region.

Kurukshetra, steeped in history and mythology, is a place of great spiritual significance, where Lord Krishna, delivered the divine message of "Shrimad Bhagwad Gita". The place from where knowledge spread far and wide was chosen as his capital by King Harshwardhana. It is one of the premier centres of pilgrimage attracting devotees in a steady stream all-round the year. Kurukshetra is a railway junction on the Delhi-Karnal-Ambala section of the Northern Railway. It is about 160 kms from Delhi and 110 kms from Chandigarh. The Institute campus is about 10 kms from Pipli, a well known road junction on the Sher Shah Suri Marg (NH-1).




## NIT KURUKSHETRA

National Institute of Technology Kurukshetra, Haryana (founded as Regional Engineering College, Kurukshetra) is a premier Technical Institute of the region. Since 1963, like other Regional Engineering Colleges of India this institution too, had been a joint enterprise of the State and Central Governments. This Institute was conferred upon status of Deemed University on June 26, 2002. Since then it has been renamed as National Institute of Technology, Kurukshetra. (Deemed University)

The Institute runs 4-year B.Tech. Degree courses in the streams of Civil Engineering, Computer Engineering, Electrical Engineering, Electronics and Communications Engineering and Mechanical Engineering. The annual intake at present is 327 students per annum. The Institute also runs 2-year M.Tech. Degree courses in various areas of specializations.

In addition to providing instructions in various disciplines of Engineering and Technology at the Undergraduate and Postgraduate level, the Institute offers excellent facilities for advanced research in the emerging areas of Science and Technology. 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.

The Institute boasts of one of the finest quality faculty, supporting staff, laboratories and other infrastructure. The faculty is highly qualified and dedicated.

## About the Department

The Department of Mechanical Engineering runs B.Tech., M.Tech. and Doctor of Philosophy programmes. The department carries out research work sponsored by Government of India bodies and Industries in the form of sponsored projects. We have well equipped laboratories in the field of Advanced Manufacturing Technology, Metrology and Machine Vision, Measurement & Control, CAD/CAM, Vibration & Tribology, Mechatronics, etc.

The aim of the department is to attain the status of a leading and world-class center for the teaching and research in the area of Mechanical Engineering and meet the global challenges successfully. Besides, the department also strives to provide additional Inputs to give value addition to students for meeting Industry/Placement needs; encourage interaction with professional bodies and Corporate Sector as well as enhance Industrial Consultancy work.

The department has well qualified teaching staff and teaching supporting staff and high placement of students through campus.

## Preamble to the Workshop

Non-destructive testing (NDT) is one area that has not achieved its full potential in spite of the promises it offers. The major objective of this workshop is to create awareness among industry and academia about the potentials offered by NDT in order to motivate a select bunch of scholars and technologists to design and develop the NDT equipment for industrial products. This select bunch will offer tremendous advantages to Indian research and application fraternity in terms of indigenous development of equipment, along with import substitution and revenue generation.

## Scope of the Workshop

The scope of the workshop includes:

- identification of the potential scientists and technologists working in the area of design and development of instruments and equipment used for non-destructive testing (NDT) of industrial products
- improvisations in the existing NDT techniques and testing methodologies, and
- provisions of financial assistance to the scientists and technologists working for design and development of NDT equipment, specifically for industrial products.

## Highlights

- A platform to interact with leading experts in the area of NDT
- Deliberations among actual users i.e. Process Industries, Testing Industries with NDT Equipment Manufacturers/ Suppliers/ Importers and Academic Fraternity.
- A glance of latest technologies and discussions with leading vendors all across the globe
- Books featuring the latest developments in NDT technology

## Participants

The participants shall include faculty and scientist from the technical institutes, national laboratories, national institutes of repute, engineering colleges, etc. along with practicing engineers from engineering industries and research organizations. The emphasis will be on the selection of persons engaged in the NDT testing and failure analysis. Besides, there will be a panel of guest speakers, persons of eminence and vast expertise that will introduce the team of participants to various aspects of NDT.

T.A./D.A. will be paid to the selected participants as per DST rules.

## Registration/Exhibition/Advertising Fees

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|---|---|
| Registration Fees | |
| From Academia | Rs. 100/- |
| From Industry (Before September 15, 2005) | Rs. 2000/- |
| From Industry (Over the Counter) | Rs. 2500/- |
| Exhibition Charges | |
| Charges per Table of size 6' x 3' | Rs. 5000/- |
| Advertising Charges in Proceedings | |
| Full Page – Inner Cover (Front/Back) | Rs. 10000/- |
| Full Page | Rs. 5000/- |
| Half Page | Rs. 2500/- |

## ORGANIZING COMMITTEE


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Kindly confirm your participation.
For further enquiries and correspondence please contact Organizing Secretaries.

For Further enquiries,
Kindly log on to
www.nitkkr.ac.in / www.nitkkr.org

## REGISTRATION FORM

# DESIGN AND DEVELOPMENT OF NON - DESTRUCTIVE TESTING EQUIPMENT FOR INDUSTRIAL PRODUCTS

SEPTEMBER 01-02, 2005

Organized by

**NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA**

Promoted by

**DEPARTMENT OF SCIENCE AND TECHNOLOGY, NEW DELHI**

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Name: _____

Designation: _____

Organization/Institution: _____

Address for Correspondence: _____

_____

_____

Phone: _____ Fax: _____

Email: _____

Registration Fee Details: *

Amount: _____

DD Number: _____ Date: _____

Bank Particulars: _____

***The DD Should Be Drawn In Favor of 'NATIONAL WORKSHOP ON NON-DESTRUCTIVE TESTING', payable at KURUKSHETRA.**

Guest House Accommodation Required: Yes/No.

Any other relevant information _____

Date:

Place: (Signature)