

### About Kurukshetra

Kurukshetra, steeped in history and mythology, is a place of great spiritual significance, where Lord Krishna, delivered the divine message of "Shrimad Bhagwad Gita". It is one of the premier centre of pilgrimage attracting devotees in a steady stream all-round the year. Kurukshetra is a very well connected by Rail (Delhi-Karnal-Ambala section), by Road (NH1 which connects Delhi-Chandigarh-Amritsar-Jammu) and by Air (Delhi 160 Km and Chandigarh 80 Km). The NIT Campus is about 10 km from Pipli situated on NH1 and about 4 km from Kurukshetra railway station.

### About National Institute of Technology Kurukshetra (NITK) (Institution of National Importance)

NITK (founded as Regional Engineering College, Kurukshetra in 1963) was conferred upon the status of Deemed University on June 26, 2002. The 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 splendid supporting staff, laboratories and other infrastructure. The infrastructure is geared to enable the institute to produce technical personnel of high quality.

### About the Electronics and Communication Engineering Department (ECED), NITK

The Department offers 4 year B. Tech course in ECE with various electives leading to sub-specialization in Communication, VLSI, Signal and image processing etc. M. Tech. and Ph.D.

courses are offered to provide opportunity to the students to do research in various niche areas of ECE stream. Various research projects from MHRD and DRDO are being pursued in the Department. The Department endeavours to provide interdisciplinary support to various engineering streams for exploring various applications of ECE.

#### **Patron**

Padma Shri Dr. Satish Kumar, Director, NITK

#### **Convener**

Dr. Vikas Mittal, HOD, ECED

#### **Coordinators**

Dr. Monika Mittal, EED, NITK

Dr. Shelly Vadhera, EED, NITK

#### Important Dates

**Last date of Registration:** ~~March 7, 2018~~

~~March 9, 2018~~

**Notification about Selection:** ~~March 8, 2018~~

~~March 10, 2018~~

Registration form should be sent to:

RMAO-2018,

Electronics and Communication Engg. Deptt.,

NITK - 136119

**Soft copy via email:** rmao2018nitk@gmail.com

Mobile: +919315303029, +919416377796

## **Workshop**

on

## **RESEARCH METHODOLOGY: AN APPLIED ORIENTATION**

**(RMAO-2018)**

**(March 12-16, 2018)**



**Department of Electronics and Communication  
Engineering**

**National Institute of Technology Kurukshetra  
Kurukshetra-136119, Haryana, India**

## REGISTRATION FORM

Workshop  
on  
**Research Methodology: An Applied Orientation**  
March 12-16, 2018

Name: \_\_\_\_\_  
Date of Birth: \_\_\_\_\_  
Designation: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address for correspondence:  
\_\_\_\_\_  
\_\_\_\_\_  
Phone: \_\_\_\_\_  
E-mail: \_\_\_\_\_  
Qualifications: \_\_\_\_\_  
Experience: \_\_\_\_\_ Years  
Accommodation required: Yes / No  
**Payment details:**  
Draft/Online Details with date: \_\_\_\_\_  
Issuing Bank: \_\_\_\_\_ Amount: \_\_\_\_\_

(Signature of applicant)

### Sponsoring Authority:

Name: \_\_\_\_\_  
Designation: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Recommended: \_\_\_\_\_

Signature of Head of Department/School/Institute

### Workshop Objective

Research is best learned by doing. Therefore, this workshop emphasizes hands-on and case study approach for carrying out engineering research. The objective of this workshop is to give necessary applied orientation which is more relatable and understandable to budding researchers. The focus of the workshop will be to go beyond the concepts in order to identify the actual problems prevailing in industry and society.

Research is fast becoming an important activity in academia and it is felt that now there is more need of converting the research undertaken in academia into realizable products or technologies that find applications in industry and society at large.

The training workshop will facilitate the researchers to learn tools for enunciating the problem, formulating a hypothesis, collecting the facts or data, analyzing the facts and reaching certain conclusions in the form of solution(s) towards various problems and challenges.

### Topics Covered

- ❖ Research methods
- ❖ Problem formulation
- ❖ Writing a research/project proposal
- ❖ How to plan and write thesis/dissertation
- ❖ Abstract/synopsis writing
- ❖ Writing a research paper/article
- ❖ Automate reference management
- ❖ Case studies on real-life problems from Power sector, Solar sector, Automation sector, Data science/Satellite imaging and applications, Signal Processing applications in control

### Who should attend

Faculty members / research scholars / PG students from academic institutes approved by the AICTE /UGC /MHRD and Scientists / Engineers working in private / Public/ Govt. organisations / industries etc. can attend the workshop. Application should be made on the registration form and should accompany registration fee as below:

<u>Participants category</u>	<u>Registration fee (Rs)</u>
PG/PhD Students	200/-
Faculty	2000/-
Industry	3000/-

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 served basis up to a maximum of 20.

The registration form, complete in all respects, duly forwarded by the Head of the Department/School/Institute, accompanied by Demand Draft/Online details of requisite amount should reach on or before March 07, 2018. Registration fee is to be paid in advance through a bank demand draft in favour of “**Director, NIT Kurukshetra**” payable at **SBI, NIT Kurukshetra** or online through **SBI Collect**.

The brochure with registration form can be downloaded from Institute website [www.nitkkr.ac.in](http://www.nitkkr.ac.in)

Excellent sponsorship opportunities are available with benefits like wide publicity and business gains. Exclusive slots will be provided on the basis of sponsorship extent/amount.