

## KURUKSHETRA

Kurukshetra is described as DHARAMKSHETRA, with historical and religious importance. Here, the battle of Mahabharata was fought, and Lord Shree Krishna preached the philosophy of "KARMA" as enshrined in the holy book "Shrimad Bhagwad Gita." It is one of the premier pilgrimage center attracting devotees all round the year. Kurukshetra is very well connected by Rail, Delhi-Ambala section, by Road (NH1, connecting Delhi-Chandigarh-Amritsar-Jammu) and by Air (Delhi 160 km and Chandigarh 80 km). The NIT Kurukshetra campus is situated about 10 km from Pipli, Bus stand located on NH1 and about 4 km from Kurukshetra railway station.

## 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. with an annual intake of about 1500 students. 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. The infrastructure is geared to enable the institute to produce technical personnel of high quality.

## SCHOOL OF RENEWABLE ENERGY AND EFFICIENCY(SREE), NITK

School of Renewable Energy and Efficiency was established in 2012. The School offers, M.Tech and Ph.D. Degrees since its inception. Research and development activities on various relevant aspects of non-conventional energy sources have been envisaged keeping synergy with the evolving innovations and developments in Renewable Energy.

## PATRON

Padma Shri Dr. Satish Kumar,  
Director, NIT Kurukshetra

## COURSE CONVENORS

Dr. Lillie Dewan,  
Dr. J.S.Lather  
Dr. Shelly Vadhera

## COURSE COORDINATORS

Dr. Avadhesh Yadav  
Dr. Naveen Kumar  
Dr. Shahida

## ORGANIZING COMMITTEE

Dr. Gulshan Sachdeva, MED, NIT Kurukshetra  
Dr. Shashi Bhushan, EED, NIT Kurukshetra  
Dr. Rahul Sharma, EED, NIT Kurukshetra  
Mr. Gaurav SREE, NIT Kurukshetra  
Ms. Amandeep SREE, NIT Kurukshetra  
Dr. Amit SREE, NIT Kurukshetra

## IMPORTANT DATES

Last date of Registration: **April 30, 2019**  
Notification of Selection: **May 17, 2019**

## CORRESPONDANCE

**Address: RPS-2019,**

**School of Renewable Energy and Efficiency,  
NIT Kurukshetra - 136119**

**Email: rapsl2019@gmail.com**

**Phones:**

**+919416220341, +919467500101, +919416377796**



**Self Financed  
Short Term Course  
On**

**Research and Professional  
Skills**

**(RPS-2019)**

**(May 27-31, 2019)**



**Organized by**

**School of Renewable Energy and Efficiency,  
National Institute of Technology  
Kurukshetra  
Kurukshetra-136119, Haryana, India**

## REGISTRATION FORM

### Self-Financed Short Term Course on **RESEARCH AND PROFESSIONAL SKILLS**

(May 27-31, 2019)

Name: \_\_\_\_\_

Title: (Dr./Mr./Mrs./Ms.): \_\_\_\_\_

Sex (M/F): \_\_\_\_\_

Date of Birth: (dd/mm/yyyy) \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Address for correspondence: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Qualification: \_\_\_\_\_

Category of Registration: \_\_\_\_\_

Accommodation required\*: Yes / No

#### Payment details:

Draft/Online Details \_\_\_\_\_

Date: \_\_\_\_\_

Issuing Bank: \_\_\_\_\_ Amount: \_\_\_\_\_

Signature of applicant (with date)

#### Sponsoring Authority:

Name: \_\_\_\_\_

Organization: \_\_\_\_\_

Recommended: \_\_\_\_\_

(Signature of Head of the Department / Section /  
School / Institute with Seal)

## COURSE OBJECTIVES

In the present the need for research scholars to acquire professional skills, in addition to technical and research skills, in order to enhance both community engagement and career success has been increasingly articulated by educators and industry professionals. Professional skills mentioned variously include teamwork, conflict resolution, and an awareness of social justice, sustainability and ethics. Keeping this in mind the short term course is designed for the postgraduate students, research scholars, and early career academics from diverse background in engineering sciences to introduce the basic concepts of research and professional skills. In short this course aims at bringing together experts from diverse fields such as Engineering, Life Sciences and Humanities to share their knowledge and experiences to instill in them an interdisciplinary approach towards problem solving and encourage critical thinking.

#### The specific objectives of the course are:

- To familiarize participants with the basic research methods (both qualitative and quantitative)
- To enhance knowledge base and develop skills of participants for selecting appropriate research technique.
- To develop professional communication skills.
- To provide guidelines about writing project reports, dissertation, thesis, manuscript and project proposals etc. The kind of language to be used and appropriated.
- To provide the participants with a broad overview of design of experiments and techniques.

By the end of the programme, the participants should be confident in using the right methods and tools to carry out their research work. They will also develop communication skills in a variety of capacities including presentations at conferences, getting research papers published, writing skills for thesis and dissertations etc.

## COURSE CONTENTS

- Introduction to Research Methodology and Research Techniques

- Document Preparation: Using Latex
- Data Analytics and Statistical Analysis using R
- Simulation and Design of Experiments
- Academic writing
- Professional Communication and Career Management
- Ethics in Research
- Research Motivation etc.

## WHO SHOULD ATTEND?

Faculty member's/ research scholars/ students from academic institutes approved by the AICTE/ UGC/ MHRD and Scientists/ Engineers working in Private/ Public/ Govt. organizations/ industries etc. can attend the course. The application should be made on the registration form and should accompany registration fee as below:

Participant's category	Registration fee* (in Indian Rupees)
PG Students (Limited Seats)	500/-
Research Scholars	750/-
Faculty	1000/-
Industry	2000/-

#### \* Registration fee is non-refundable

Participants will be provided tea during the sessions. However, limited accommodation is available in the hostel/ guest house. The accommodation can be arranged on the request of the participants on payment basis, separately. No TA/ DA will be paid to the participants. Participants will be selected on first-come-first served basis. The registration form, complete in all respects, duly forwarded by the Head of the Department/ School/ Institute, accompanied by Demand Draft/ Online details of the requisite amount should reach on or before April 30, 2019. For more details please refer to the important details section.

Registration fee is to be paid in advance through a bank demand draft in favor 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) and e.mail