

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.

ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT (ECED), NIT KURUKSHETRA

The ECE Department runs with the following Vision and the Objectives:

Vision of the Department: To impart state-of-the-art Electronics and Communication Engineering, Education and Research responsive to global challenges.

Mission of the Department:

M1: To prepare students with strong theoretical and practical knowledge by imparting quality education.

M2: To produce comprehensively trained and innovative graduates in Electronics and Communication Engineering

through hands on practice and research to encourage them for entrepreneurship.

M3: To inculcate team work spirit and professional ethics in students.

PATRON

Padma Shri Dr. Satish Kumar,
Director, NIT Kurukshetra

CO-PATRON

Dr. Vikas Mittal,
Associate Professor and Head, ECED, NIT
Kurukshetra

CONVENER

Dr. Umesh Ghanekar,
Professor, ECE Department

COURSE COORDINATOR

Dr. Gaurav Verma and Dr. Sudakar Singh Chauhan

IMPORTANT DATES:

- Last date for submission of registration form: 26th December, 2018.
- Intimation of selection (on website or by email): on or before 29th December, 2018.

Note: Intimation of acceptance will be communicated through website/email.

Address for Correspondence:

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Self-Financed

Short Term Course

on

**Emerging Trends in
Wireless Communication
and Signal Processing**

(ETWCSP-2019)

(Jan. 07-12, 2019)



Organized by

Department of Electronics and
Communication Engineering,
National Institute of Technology
Kurukshetra
Kurukshetra-136119, Haryana, India

REGISTRATION FORM

Self-Financed Short Term Course on Emerging Trends in Wireless Communication and Signal Processing (ETWCSP-2019)

(Jan., 07-12, 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

It is not an exaggeration to say that the Signal Processing is backbone of wireless communication. The signal processing and wireless communication are two most promising and evergreen areas of research.

A lot of research is being done in these areas. However, due to continuous updates in these two revered areas of research, the researchers need to remain updated of the current techniques and concepts. It is also equally important to have proper knowledge of the basic concepts, models and mathematics relevant to these research areas. In view of above, the proposed short-term course is bounded to provide fundamental concepts as well as the recent signal processing and wireless communication technologies and concepts for carrying a fruitful research in these fields.

COURSE HIGHLIGHTS

The course aims to address the following issues related to the wireless communication and signal processing techniques.

- Fundamentals of Wireless Communication and Signal Processing
- Wireless channel impairments and removal techniques
- A deep understanding of the wireless communication technologies
- Fundamental concepts in Image Processing
- Image filtering using MATLAB
- Physical Layer Security concept & challenges
- Future wireless communication technology.

Participants will be provided High tea during the sessions. However, limited accommodation is available in the hostel/ guest house. The accommodation and the meals 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, completed 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

December 28, 2018. For more details please refer to the important details section.

The Registration fee can be paid through a bank demand draft in favor of “Director, NIT Kurukshetra” payable at SBI, NIT Kurukshetra or online through SBI Collect. **The registration form filled in all respects with the original Demand Draft can be send by post to the mentioned Address for Correspondence, or the scanned copy of the completed registration form with the SBI-Collect receipt can be sent to the mailed to: gaurav@nitkkr.ac.in. In case of paying the registration fee through the SBI Collect, no need to send the registration form through post (i.e. send only by email).**

ONLINE Fee Payment Through SBI Collect

Step1:

<https://www.onlinesbi.com/sbicollect/icollecthome.htm>
Agree & Proceed

Step2: Select State and Type of Corporate / Institution (Haryana and Education Institution)

Step3: Select from Educational Institutions (Director National Institute of Technology, Kurukshetra)

Step4: Select Payment Category (**Registration fee for STC ETWCSC 2019**), Proceed (Fill the details & Submit) and take the print out.

The brochure with registration form can be downloaded from the Institute website www.nitkkr.ac.in.

Participant's category	Registration fee* (in Indian Rupees)
PG Students (Limited Seats)	250/
Research Scholars	500/-
Faculty	1000/-
Industry	2000/-

* No registration fees is required for the departmental (from NIT Kurukshetra) PG students.

* **Registration fee is non-refundable**