About Kurukshetra

Kurukshetra is a place of great spiritual significance deeply steeped in history and mythology 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 year. Kurukshetra is 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 5 km from Kurukshetra railway station.

About National Institute of Technology Kurukshetra (NITKKR) (Institution of National Importance)

NITKKR (formerly known as Regional Engineering College, Kurukshetra in 1963) was conferred upon the status of Institution of National Importance (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), NITKKR

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

Chief Patron
Prof. B V Ramana Reddy, Director, NITKKR

Patron
Prof. Brahmjit Singh, Dean (P&D), NITKKR

Co Patron
Prof. Karan Sharma, HOD ECE, NITKKR

Convener(s)
Dr. Vikas Mittal

Dr. N P Singh

Course Coordinator(s)
Dr. Dheeraj Kumar Sharma, Dr. Rajender Kumar and Dr. Sandeep Santosh

Important Dates

Last date of Registration: ~~May 31, 2023~~ June 8, 2023

Registration form should reach:

Address: Coordinator, STC, EWT-2023, ECE Department, NITKKR - 136119

Soft copy via email: stcewt@gmail.com

For query, please contact:
+91-8950603123, +91-9897715970

Short Term Course (Hybrid Mode)
On
Emerging Wireless Technologies
(EWT-2023)
(June 09-June 13, 2023)

Celebrating 60 Years of Academic Excellence

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

Course Objectives

This short term course "Emerging Wireless Technologies" is very useful for students, faculty members and researchers in academia and industry. Wireless technologies for 5G, 6G, Wearable sensors and sensor network etc. are meant to deliver better and seamless user experience. Higher performance and improved efficiency empower new user experiences and connects new industries. This STC will provide an awareness of the advanced wireless technologies of 5G, 6G, Wearable sensors and sensor network etc. As India and the world migrate to smart and always connected mode, specialised manpower in these technologies will be necessary.

Course Contents

- Introduction to wireless communication
- Multiple Access Techniques
- AI/Machine Learning
- D2D Communication
- THz and mm wave Communication
- Lightweight Cryptography
- Optical Wireless Communication
- Internet of Everything
- Vehicle to Everything
- Unmanned Aerial Vehicles
- Quantum Computing

Resource Persons are from IITs and NITs.

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 course.

S. No.	Participants Category	Course Fee (Rs.)
1.	Research Scholars/Students	500
2.	Faculty members	2000
3.	Industry/R&D/Govt. Org. professionals	3000

Lodging and boarding for participants can be arranged in hostel/guest house. No TA/ DA will be paid to the participants. Participants will be selected on first-come-first served basis.

How to apply online

Click https://forms.gle/cwaBNdtaaArKf3kW7

Instructions for registration fee

1. Go to SBI Collect or click on **https://www.onlinesbi.sbi/sbicollect**
2. Select Educational Institution
3. Select Haryana
4. Select Director National Institute of Technology, Kurukshetra
5. Select EWT-2023
6. Make the payment and collect the receipt

REGISTRATION FORM

Short Term Course (Hybrid Mode) on Emerging Wireless Technologies (EWT-2023)
June 09-13, 2023

Name: _____

Date of Birth: _____

Designation: _____

Organization: _____

Address for correspondence:

_____

_____

_____

Phone: _____

E-mail: _____

Qualifications: _____

Experience: _____Years

Accommodation required*: Yes / No

(Signature of applicant)

Signature of Head of Department/School/Institute