TEQIP-3
Technical Education Quality Improvement Programme

Sponsored

One Week Online Short-Term Course

on

Recent Advancement in Optical & Wireless Communication Techniques

(RAOWCT-2020)

19th October to 23rd October 2020

organized by

Department of Electronics & Communication Engineering

Engineering College, Ajmer

(An Autonomous Institute of Government of Rajasthan)

Contact

Dr. Rekha Mehra

Head., Dept. of Electronics & Communication Engineering

Engineering College Ajmer

NH-8, Badliya Chouraha, Ajmer Rajasthan, India -305025

Email:raowct@ecajmer.ac.in

Engineering College Ajmer

Sprawling over lush-green campus with hassle-free Wi- fi facility, well-equipped laboratories and other modern infrastructural amenities, Engineering College Ajmer (ECA), an autonomous institution under the Government of Rajasthan established in 1997 offers Bachelor of Technology, Master of Technology, Master of Business Administration and Master of Computer Applications. ECE department is the second oldest department of this college. The college is affiliated to BTU Bikaner and an approved research centre of affiliating university which offers various Ph.D. programs. The institute is about 10 km from the railway station as well as bus stand.

Well qualified and learned faculty-members nurture student learning, foster research temperament and creative activity so as to enable students to carve a niche for themselves and develop a profound academic and compassionate learning culture. ECA successfully completed the World Bank assisted TEQIP-II and has been part of the third phase of TEQIP.

For more details, visit http://www.ecajmer.ac.in

About the STC

Now a day's wireless communication is a basic & important emerging topic for the telecommunication engineers. Photonics "the science of light" on the other hand is also an emerging technology and an area of interest for several researchers all around the world. It is the technology of generating, controlling, and detecting light waves and photons. Fiber-optic communication is a method of transmitting information from one place to another through an optical fiber which is basically a dielectric waveguide that operates at optical frequencies. There are variety of applications of optical fibers like transmission of telephone signals, cable television signals and Internet communication. Today major research areas in the fields of wireless communication and optical communication are IR wireless communication, satellite communication, broadcast radio, microwave radio, bluetooth, zigbee, photonic crystals, nanowires, optical amplifiers, Photonic solar cell etc. This STC has been designed to focus on these areas so that B.Tech students, research scholars and faculty members not only understand the basics but also explore research idea in these areas. The following are the broad topics, going to be covered in this course: Smart materials, solar cell, LASER diode, Photonic switching, MIMO, smart antenna, wireless sensors, semiconductors for Optoelectronics.

Chief Patron(s)

Dr. Subhash Garg
Hon'ble Minister,
Department of Technical Education
Govt. of Rajasthan

Smt. Shuchi Sharma
Hon'ble Secretary
Department of Technical Education
Govt. of Rajasthan

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Dr. Uma Shankar Modani
Principal, Engineering College Ajmer

Program Convener

Dr. Rekha Mehra
Associate Professor & Head (ECE),
Electronics & Communication Engineering
Engineering College Ajmer

Important Dates

Last Date to Apply: October 16, 2020
Intimation of Selection: October 17, 2020

Coordinator

Mr. Anurag Garg
Assistant Professor (7231909222)

Mr. Lalit Kumar Dusad
Assistant Professor (9829062120)

Mr. Harish Kumar Sharma
Assistant Professor (9460091341)

Organizing Committee

- Dr. Deepak Jhanwar
- Mr. Rajesh Kumar Raj
- Mr. Ravi Kumar Goyal
- Mrs. Jyoti Gajrani
- Mr. S.N.Tazi
- Mr.Diwakar Gautam
- Mr. Manoj Kumar Falaswal
- Mrs. Durga Kumari
- Miss. Namita Malik

Advisory Committee

- Dr. H. S. Mewara
- Dr. Sandesh Trivedi
- Mr. Tarun Aseri
- Dr. Manish Badlani

RESOURCE PERSON

Eminent persons and veterans in the emerging field of wireless and optical technology

Who can apply

This programme is for the faculty members engaged in Electronics and Communication / Electronics Instrumentation and Control / Electrical Engineering and other related streams, research scholars and PG/ B.Tech students of engineering colleges including working professionals from the Industries.

How to Apply

- Maximum 60 participants will be allowed to register for the STC.
- Registration will be on first come first serve basis.
- No registration fee will be charged from the participant.
- Those who are willing to participate are requested to Register at:

https://forms.gle/YLDGtqwRndLqK8T6A

The shortlisted candidates will be notified via email. The decision by the committee with respect to short listing shall be final and binding.

Note:

1) All the sessions will be conducted through online platform. The details of same will be mailed to selected participants through mail.
2) The E-certificate shall be issued to only those participants who have attended the program with minimum 80% attendance and submitted the feedback within time frame provided by the institution.