

Participants:

This FDP Programme will be beneficial to faculty members of Engineering College of all discipline.

How to apply:

Interested participants should download and submit the complete application form in prescribed format given, which is available online and send it at coordinators mailing address. Filled in application form should be accompanied by a Demand Draft of drawn in favor of "The Principal, Narayana Engineering College, Nellore", payable at Nellore. The registration fee includes the course material, lunch and refreshments.

Registration Fees:

The total number of participants will be limited to 40. Selection of participants will be based on first come serve basis. The coordinators decision will be final in selection of participants.

Teaching Faculty: Rs.500

Research Scholar: Rs.400

Last Date for Registration: 19.12.2019

Intimation through e-mail: 21.12.2019

Travel and Accommodation:

All the out station participants will be provided accommodation in the Guest House of the Institute, subject to availability

Address for Correspondence:

Dr.K.Murali,
Professor & HOD of ECE
Narayana Engineering College
Muthukur road, Nellore
Mobile:91-9441818312
Mobile:91-8985271877

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NARAYANA

ENGINEERING COLLEGE

Nellore

Approved by AICTE and Permanently Affiliated to JNTUA, Ananthapuramu,
An ISO 9001:2015 Certified Institution, Recognized by UGC U/S 2(f) & 12(B)
and 'A' grade by Govt. of AP, Muthukur Road, Nellore-524004
Ph: 0861-2313842, 43
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Department of ELECTRONICS & COMMUNICATION ENGINEERING

A Five day FDP on Recent Trends in Cognitive Radio in 5G Wireless Communications

(Dec 23-28, 2019)



Course Coordinators
Sd.Athika Sultana, Asst Prof
G.Sindhura Bhargavi, Asst Prof

About the Institute:

Narayana Engineering College is one of the premier engineering colleges in Andhra Pradesh sponsored by Narayana group of educational institutions. The college was established in 1998 with a vision to impart quality technical education and is affiliated to JNTUA and completed 21 years of existence in technical education. Narayana Engineering College is Permanently Affiliated to JNTUA, Ananthapuramu and is Accredited by NAAC with A+ GRADE and awarded "A" grade by Govt. of AP.

Narayana Engineering College is located in India's southern State, Andhra Pradesh. This college is located near to the National Highway (NH-5).Nellore. The nearest airport is Chennai, 3 hours drive away. The college offers B.Tech. Programmes in 6 faculties of Engineering namely, Electronics & communication, Computer Science, Electrical & Electronics, Civil Engineering, Mechanical Engineering and Electronics & Instrumentation. The college also offers Post Graduate programmes (M.Tech) in VLSI, EPS, CSE, MCA and MBA. Our motto is to give the students an excellence in his or her career, our goal is to shape their future in all aspects.

About the Department:

The aim of the department is to produce Electronics & Telecommunication Engineers, who combine academic excellence with practical expertise. The department of Electronics and Communication Engineering came into existence at Narayana engineering college in 1998 by the approval of the All India Council for Technical Education (AICTE).

The department has progressed rapidly and is now regarded as one of the premiere departments, with excellent infrastructure and a highly qualified and dedicated faculty. Presently, the department offers B.Tech (ECE) and M.Tech (VLSI) with total intake of 120 and 18 respectively. The majority of our students have been well placed in many companies through campus interviews and many of our students are pursuing their higher education at various premier institutions like IIT's, NIT's and also in abroad.

The department is involved in teaching and research in diverse aspects of Communications, VLSI design, Embedded Systems, Signal Processing, Image Processing and Neural Networks. Apart from teaching, the faculty members have been vigorously pursuing research and have been regularly publishing research papers in various National and International Journals of repute as well as in prestigious conferences.

About FDP:

The Department of Electronics & Communication Engineering is organizing a five day FDP on "Recent Trends in Cognitive Radio in 5G wireless communications".

The course is delivered in a closed loop teaching learning process of modeling, simulation, prototyping, characterization and analysis.

Cognitive Radio (CR) in Wireless Communication is one of the emerging technology which meets heavy mobile data traffic of future wireless networks. The FDP aims at providing participants with a focused view on Wireless Communications and Networks in the context of the recent technological advances in wireless communication. Experts will provide hands-on practice to participants on implementation of Cognitive radio concepts using SDR hardware, 5G physical layer implementation using MATLAB, and Wireless sensor networks using NS-2 and NS-3 simulation tools.

Course Topics

1. Introduction to 5G.
2. Software Defined Radio.
3. Cognitive Radio applications.
4. Cooperative Communication, CoMP.
5. D2D Communications, 5G in IOT and security challenges in 5G networks.
6. Optimization methods for wireless communication.



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Registration Form

Name: _____

Designation: _____

Organization: _____

Mailing Address: _____

Phone : _____

Email: _____

Date : _____

Signature of Applicant: _____

Date : _____

Signature of Sponsoring Authority: _____