

About the Institute:

Narayana Engineering College (NECN) is one of the premier engineering college in Andhra Pradesh sponsored by Narayana group of Educational Institutions. NECN aims to expand the goal of education for building students' character, creating a well-rounded individual possessing key skills with higher emphasis on critical thinking and holistic learning. NECN, over the past 27 years has become a shrine of knowledge and shaped thousands of famous and adroit graduates and post graduates, who became successful in their careers, serving all over the world.

The credentials include placement of 11000+ students till date since the inception of the college. NECN has bagged more than 33 gold medals from JNTU, Ananthapuramu and 16 Prathibha awards from the Govt. of A.P till now.

Some of the unique features are, NECN has full Autonomy, accredited with National Assessment and Accreditation Council (NAAC), National Board of Accreditation (NBA) for CSE, ECE, and EEE for three years, Ranked Grade 'A' by Government of Andhra Pradesh, Recognized by UGC 2(f) and 12(B), and Certified by ISO 9001:2015, ISO 14001:2015, ISO 50001:2018 and permanently affiliated to JNTUA, Ananthapuramu. The College has renowned brand and students take pride in associating themselves with the institution.

About the Department:

The aim of the department is to produce Electronics & Communication 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 accredited with, National Board of Accreditation (NBA) for three years with excellent infrastructure and a highly qualified and dedicated faculty. At present, the department offers a B.Tech programme in Electronics and Communication Engineering (ECE) with a total intake of 240 students. The department has consistently maintained strong academic standards, resulting in excellent student outcomes. A significant number of our students secure placements in reputed national and multinational companies through campus recruitment drives. Many graduates also choose to pursue higher studies and

have successfully gained admission into prestigious institutions such as IITs, NITs, and other renowned universities abroad, reflecting the department's commitment to quality education and holistic student development

The department involves in teaching and research in diverse aspects of Communications, IOT, VLSI Design, Embedded Systems, Signal Processing, Image Processing, Neural Networks & Quantum Computing. Apart from teaching, the faculty members have been vigorously pursuing research and regularly publishing research papers in various reputed National and International Journals as well as in prestigious conferences.

About FDP:

The FDP on "Foundations and Frontiers of Quantum Computing" provides participants with essential knowledge of quantum mechanics, quantum gates, circuits, and key quantum algorithms. It also introduces advanced concepts such as quantum error correction, quantum cryptography, and emerging research trends. The programme includes hands-on sessions using popular quantum programming tools, enabling participants to apply concepts in real-time. This FDP aims to strengthen the teaching and research capabilities of faculty and researchers in the rapidly growing field of quantum computing.

Objectives:

1. Introduces participants to the fundamental principles of quantum mechanics that underpin quantum computing, including qubits, superposition, and entanglement.
2. Provides a comprehensive understanding of quantum computational models such as quantum gates, quantum circuits, and quantum algorithms.
3. Explores advanced and emerging frontiers in quantum technologies, including quantum supremacy, quantum error correction, and quantum cryptography.
4. Offers hands-on experience with quantum programming platforms such as IBM Qiskit, Google Cirq, or equivalent quantum simulators.
5. Enhances research capabilities by presenting current challenges, trends, and open problems in quantum computing.
6. Empowers faculty and researchers to integrate quantum computing concepts into teaching, research, and interdisciplinary technological innovations.



NARAYANA
ENGINEERING COLLEGE::NELLORE
(AUTONOMOUS)

Narayana Avenue, Muthukur Road, A. K. Nagar,
Nellore-524 004,(A.P), Office: 0861-2313842/43
www.necn.ac.in

One Week FDP on
"Foundations and
Frontiers of Quantum
Computing"

(Nov 24 to Nov 29, 2025)

Name:.....

Qualification:.....

Designation:.....

Address for Correspondence.....

E-mail ID:

Mobile Number:

Experience (if any):

Place: Signature of the Applicant

Date:

Principal

Participants:

Faculty from AICTE Institutions / Universities working in related fields are eligible. Participants should bring a letter of nomination from Head of the Institution stating that they are being deputed for the course. The selection is based on first cum first serve basis.

How to Apply:

Interested participants should download and submit the complete application form in prescribed format given, which is available online and send to coordinators mailing address. Filled in application form should be accompanied by a Demand Draft 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:

Rs. 500/-

Last Date for Registration: 21.11.2025

Resource Persons:

Experts from industry and prestigious academic institutions.

Travel and Accommodation:

All the out-station participants will be provided accommodation on payment basis in the Guest House of the Institute, subjected to availability.

For More Information

Dr. K. Murali, Professor & HOD

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Email: hodece@necn.ac.in

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(Mobile: 9704803650)

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(Mobile: 9912355509)

Founder Chairman

Mr. K. PUNEETH, President

Narayana Group of Educational Institutions.

Chief Patron

Dr. B. DATTATREYA SARMA, Director

Patrons

Dr. V. RAVIPRASAD, Principal

Convenor

Dr K. MURALI, HOD, Dept. of ECE

Course Coordinators

Dr. K S SAGAR REDDY, Professor, ECE

Dr. M CHANDRA MOHAN REDDY, Professor, ECE

Organizing Committee

Dr. P GIRI PRASAD, Assoc. Professor, ECE

Mr. P. SRAVAN KUMAR REDDY, Associate Professor, ECE

Mr. V. SUDHEER, Associate Professor, ECE

Mr. B. SUKUMAR, Associate Professor, ECE

Mrs. SYED. ATHIKA SULTANA, Assistant Professor, ECE

Mrs. A. VIDYULLATHA, Assistant Professor, ECE

Mrs. I. DIVYA, Assistant Professor, ECE

Mr. V. PRAVEEN, Assistant Professor, ECE

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Mrs. S. DEEPA RANI, Assistant Professor, ECE

Mr. TANATI MURALI KRISHNA, Assistant Professor, ECE

Ms. T RAJITHA, Assistant Professor, ECE

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Dr. A. V. S. SREEDHAR KUMAR, Vice Principal & HoD, MECH

Dr. A. HAZARATHAIAH, Vice Principal (Academics)

Dr. C. RAJENDRA, HOD, CSE

Dr. G. VENKATESWARLU, HOD, EEE

Dr. K VENKATA LAKSHMI, HOD, CIVIL



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In Association with

