

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: **20.11.2024**

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

Dr. K S Sagar Reddy, Professor, ECE

(Mobile : 9704803650)

Mr. B. Sukumar, Assoc. Professor, ECE

(Mobile : 9951505539)

CHIEF PATRON

Mr. K. Puneet, President

The Narayana Group

PATRONS

Dr. B. Dattatreya Sarma, Director

Dr. G. Srinivasulu Reddy, Principal

CONVENOR

Dr. K. Murali, HOD, Dept. of ECE

COURSE COORDINATORS

Dr. K S Sagar Reddy, Professor, ECE

Mr. B Sukumar, Assoc. Professor, ECE

ORGANIZING COMMITTEE

Dr. M. Chandra Mohan Reddy, Professor, ECE

Dr. E. Vijaya Lakshmi, Professor, ECE

Mr. P. Sravan Kumar Reddy, Assoc. Professor, ECE

Mr. V. Sudheer, Assoc. Professor, ECE

Mrs. Syed. Athika Sultana, Asst. Professor, ECE

Mrs. A. Vidyullatha, Asst. Professor, ECE

Mrs. I. Divya, Asst. Professor, ECE

Mr. A. Siva Sai Kumar, Asst. Professor, ECE

ORGANIZING COMMITTEE

Dr. K. Viswaksena Reddy, Dean, Accreditations & Planning

Dr. A. V. S. Sreedhar Kumar, Vice Principal & HOD, MECH

Dr. C. Rajendra, HOD, CSE

Dr. G. Venkatesrarlu, HOD, EEE

Dr. K Venkata Lakshmi, HOD, CIVIL

A FIVE DAY
FACULTY DEVELOPMENT PROGRAM
on

Design Thinking and Innovation

November 21st to 26th, 2024

Organized by

DEPARTMENT OF
ELECTRONICS & COMMUNICATION
ENGINEERING



26
Years
of
Influence



Dr. P. NARAYANA
Founder



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

ABOUT THE INSTITUTE:

Narayana Engineering College, Nellore (NECN) of the society. NECN aims to expand the goal of education for building a student's character, creating a well-rounded individual possessing key skills with higher emphasis on critical thinking and holistic learning. NECN, over the past 26 years has become a shrine of knowledge and shaped thousands of famous and adroit graduates and post graduates, who are successful in their careers, serving all over the world. The credentials include placement of 11000+ students till date since the inception of the colleges NECN has bagged more than 33 gold medals from JNTU, Ananthapuramu and 16 Prathibha awards from the Govt. of A.P. 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 by 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 institutions.

The college offers B.Tech. Programmes in 10 faculties of Engineering namely, Electronics & Communication, Electronics and Communication (Advanced Communication Technology), Electronics Engineering (VLSI Design & Technology), Computer Science, Computer Science (AI), Computer Science (AI&ML), Computer Science (DS), Electrical & Electronics, Mechanical and Civil Engineering. The college also offers Post Graduate programmes MCA, MBA, and M.Tech. in VLSI, EPS, & CSE.

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 is offering B.Tech (ECE), B.Tech Electronics and Communication (Advanced Communication Technology), B.Tech Electronics Engineering (VLSI Design & Technology), and M.Tech (VLSI) with

total intake of 300 and 12 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 involves in teaching and research in diverse aspects of Communications, IOT, VLSI Design, Embedded Systems, Signal Processing, Image Processing and Neural Networks.

ABOUT FDP:

Design Thinking is a new approach to innovation being accepted by many institutions all over the world. The pace with which it is being brought into practice by many prestigious Indian institutions is inconceivable & immeasurable. This FDP explores the concepts of design thinking and ideation, essential for fostering creativity and innovation in education. Design thinking is a process for solving problems by prioritizing the consumer's needs.

OBJECTIVES:

- **Enhancing Faculty Knowledge:** Equip educators with advanced knowledge of design thinking and innovation techniques.
- **Skill Development:** Enable faculty members to facilitate innovation and creative problem-solving in their students.
- **Industry Collaboration:** Build partnerships with industries to provide a platform for faculty and students to engage in real-world innovation challenges.

TOPICS TO BE COVERED:

Introduction to Design Thinking

- Overview of the design thinking framework
- Understanding the importance of user-centric problem-solving.

Creative Problem-Solving Techniques

- Tools for brainstorming and ideation, such as mind mapping and SCAMPER.
- Methods to foster creativity and break conventional thinking patterns.

Prototyping and Testing

- Techniques for developing prototypes (low-fidelity to high-fidelity).
- Iterative testing methods to refine ideas based on user feedback.

Innovation in Practice

- Strategies to implement innovative ideas within academic and organizational settings.
- Exploring how design thinking can drive social, technological, and business innovations.



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REGISTRATION FORM

Name:

Qualification:

Designation:

Address for Correspondence
.....
.....
.....

E-mail ID:

Mobile Number:

Experience (if any):

Place: Signature of the Applicant

Date: