

## Accommodation/ Transport:

Accommodation will be provided for out station participants on prior request.

## Eligibility:

This course is open to all Faculty members of all branches from AICTE approved institutions. Certificate will be issued upon the successful completion of FDP

**Registration Deadline: 20<sup>th</sup> July, 2025**

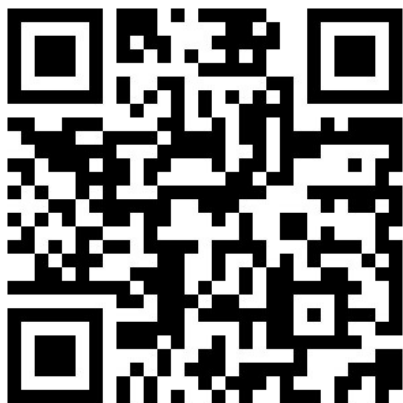
**Mode of Program OFFLINE**

**Registration Fee for the participants will be sponsored by JNTUK, Kakinada**

Link:

<https://sites.google.com/jntuk.edu.in/fdp4obe-01>

**REGISTER**



## CHIEF PATRON

**Dr. C.S.R.K. Prasad**, Hon'ble Vice-Chancellor, JNTUK

## PATRON

**Dr. K.V. Ramana**, Rector, JNTUK

## CO-PATRON

**Dr. V. Ravindranath**, Registrar, JNTUK

**Dr.D.Koteswara Rao**, OSD, JNTUK

## CHAIRPERSON

**Dr. K.Ravindra**, Director, IQAC and Capacity building, JNTUK

## RESOURCE PERSONS

- Prof K Sfrinivas – Professor, NIEPA, New Delhi.
- Prof A Venugopal – Professor, Department of Mechanical Engg., NIT Warangal.
- Prof A Sarath Babu – Professor, Department of Chemical Engg., NIT Warangal.
- Prof T Ramesh -Professor (Retd), Department of CSE, NIT Warangal.
- Prof B V Appa Rao – Professor (Retd), Department of Chemistry, NIT Warangal.
- Prof NVSN Sarma – Professor, Department of ECE, NIT Warangal.
- Prof DVLN Somayajulu – Director NIT Manipur and Professor Dept of CSE, NIT Warangal



One Week FDP on  
**“Leveraging OBE for Continuous Quality Improvement in Engineering Education**  
(28<sup>th</sup> July to 2<sup>nd</sup> August 2025)

## Organised by

Electronics & ICT Academy, NIT Warangal

In association with

Jawaharlal Nehru Technological University Kakinada  
(Spoke Academy)

Sponsored by

Ministry of Electronics and Information Technology (MeitY), Gol



## Coordinators

**Dr.N.Balaji**

Professor of ECE & DAA

Email: [narayanambalaji@jntucek.ac.in](mailto:narayanambalaji@jntucek.ac.in)

Contact: +91 9502441555

**Dr. B. Leela Kumari**

Assoc. Professor & Head, ECE

Email: [leela8821@jntucek.ac.in](mailto:leela8821@jntucek.ac.in)

Contact: +91 89776 06564

**Dr.MHM. Krishna Prasad**

Professor of CSE & DAP

Email: [krishnaprasad.mhm@jntuk.edu.in](mailto:krishnaprasad.mhm@jntuk.edu.in)

Contact: +91 9701450555

**Dr.GVR Prasada Raju**

Professor of Civil & Former VC

Email: [gvrpraju@jntucek.ac.in](mailto:gvrpraju@jntucek.ac.in)

Contact: +919618533555

## About EICT Academy

This academy provides faculty development programs in electronics, information communication technologies, industry training, curriculum development, CEP for working professionals, and support for technical incubation and entrepreneurship.

## About JNTUK

**Jawaharlal Nehru Technological University Kakinada** (JNTUK) is one of the premier universities in India dedicated to engineering and technological education. Established in 1946 as the College of Engineering, it became an autonomous university in 2008. Located in Kakinada, Andhra Pradesh, JNTUK has consistently maintained high academic standards and has been a beacon for technical excellence and innovation. Jawaharlal Nehru Technological University Kakinada (JNTUK), the perennial source of academic excellence, has been setting high standards in education by making the students technologically superior and ethically stronger for the past 75 years. Located in the coastal districts of Andhra Pradesh, JNTUK is one of the largest technological universities in Asia. The university serves as the academic hub for 154 affiliated colleges offering degrees in Engineering, Pharmacy, and Management. The University offers a wide range of undergraduate, postgraduate, and doctoral programs in Engineering, Technology, Management, and Sciences. Known for its emphasis on research and industry collaboration, JNTUK fosters a vibrant

academic environment, encouraging innovation, creativity, and critical thinking. It is recognized by UGC and accredited by NAAC with A+ grade with a strong commitment to quality education and holistic development of students and faculty.

## About NIT Warangal

National Institute of Technology, Warangal, is the first among 17 RECs Set up as a joint venture of the Government of India and the state government. Over the years, the institute has established itself as a premier Institute imparting technical education of a very high standard leading to B.Tech., M.Tech and Ph.D. programmes in various specializations. All B.Tech and M.Tech programmes of NIT Warangal are NBA accredited.

## About FDP

The **Faculty Development Program (FDP)** is designed to equip educators with the knowledge, skills, and tools necessary to implement and sustain **Outcome-Based Education (OBE)** in higher education. This program focuses on improving the teaching-learning process through structured training in curriculum design, assessment, attainment analysis, and continuous quality improvement. Through expert-led sessions, hands-on activities, and collaborative learning, the FDP empowers faculty to align educational outcomes with institutional goals, and industry needs, ultimately enhancing the overall quality of education.

## Course Learning Objectives:

Objectives of this FDP are to

1. Understand the principles and framework of Outcome-Based Education (OBE).
2. Learn to formulate clear and measurable COs, POs, and PSOs.
3. Gain skills in CO-PO-PSO mapping and alignment.
4. Develop effective assessment and evaluation techniques.
5. Calculate attainment levels using direct and indirect methods.
6. Apply Continuous Quality Improvement (CQI) strategies.
7. Explore tools and best practices for implementing OBE.

## Course Expected outcomes

By the end of the Faculty Development Program, participants will have a clear understanding of Outcome-Based Education (OBE) principles and will be able to effectively formulate Course Outcomes (COs), Program Outcomes (POs), and Program Specific Outcomes (PSOs). They will gain the skills to perform CO-PO-PSO mapping, design appropriate assessment tools, and calculate attainment levels. Additionally, faculty will be equipped to implement Continuous Quality Improvement (CQI) processes, while also utilizing relevant tools and best practices to enhance teaching and learning outcomes.