

About JNTUA

The College of Engineering, Anantapur was started at Guindy, Madras in 1946 and shifted to Anantapur in 1948. The college was initially affiliated to Madras University during 1946– 1955 and to Sri Venkateswara University, Tirupathi during 1955–1972. In 1972, by an Act of State Legislature, JNTU University was established at Hyderabad and the College of Engineering, Anantapur went into the fold of JNTU. Later in the year 2008, by an Act of AP State Legislature, JNTU was trifurcated into three independent universities viz., JNTU, Hyderabad, JNTU, Kakinada and JNTU Anantapur. JNTU College of Engineering, Anantapur became a constituent college of JNTUA and was renamed as JNTUA College of Engineering, Anantapur. The JNTUA College of Engineering, Pulivendula, established in the year 2006 and Oil Technology Research Institute (OTRI), Anantapur, established in the year 1948 also became constituent units of JNTUA. A new constituent college JNTUA College of Engineering, Kalikiri established in 2013 also came under the fold of JNTUA.

The OTRI was later renamed as Oil Technology and Pharmaceutical Research Institute (OTPRI), in 2016. In addition to the above four constituent colleges, the JNTUA has 98 Engineering Colleges, 46 Pharmacy Colleges and 29 stand-alone MBA/MCA colleges affiliated to it. Since its inception, JNTUA is committed to develop and nurture technological education and intends to produce technical manpower of high quality, comparable to the best in the world.

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Hon'ble Vice Chancellor, JNTUA, Ananthapuramu.

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Registrar, JNTUA, Ananthapuramu.

Programme Director

Sr.Prof. P. Sujatha

Director, Faculty Development & Women Empowerment, JNTUA, Ananthapuramu.

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Founder & Chancellor, MITS, Madanapalle.

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Pro Chancellor, MITS, Madanapalle.

Mrs. Keerthi Nadella

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Co-Conveners

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Dept. of CSE (Data Science), MITS, Madanapalle.



FIVE-DAY FACULTY DEVELOPMENT PROGRAMME

on

“Visualization-Driven Predictive Analytics with Modern Data Tools”

Date: 20th – 24th April 2026

Sponsored by Jawaharlal Nehru
Technological University,
Anantapur

Jointly Organised by

Department of CSE (Data Science)

**MADANAPALLE INSTITUTE OF
TECHNOLOGY & SCIENCE,
MADANAPALLE - 517325**

and

Directorate of Faculty Development and
Women Empowerment

**JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY ANANTAPUR,
ANANTAPURAMU - 515002**



www.mits.ac.in

About MITS

Madanapalle Institute of Technology & Science (MITS), established in 1998, is located on a scenic 26.17-acre campus along the Madanapalle–Anantapur Highway (NH-205), near Angallu. Founded under the aegis of the Ratikonda Ranga Reddy Educational Academy, MITS is led by Dr. N. Vijaya Bhaskar Choudary, Ph.D., Secretary & Correspondent, and Mrs. N. Keerthi, Executive Director. The institute offers UG programs in Mechanical, Civil, CSE, CST, CSE(AI), CSE(DS), CSE(CS), CSE(AIML), EEE and ECE, along with PG programs in MBA and MCA. MITS is ISO 21001:2018 certified, accredited by NBA, and awarded NAAC A+, with a NIRF 2025 ranking of 201–300 in Engineering. With well-equipped laboratories, smart classrooms, seminar halls, library, auditorium, and sports facilities, MITS provides a vibrant learning environment and enjoys strong support from NRI patrons with rich academic and industry experience.

About the CSE (Data Science) Department

The Department of Computer Science & Engineering (Data Science) offers 4-year B.Tech degree, which is established in the year 2020. We merge computer science expertise with the transformative realm of Data Science. Our department offers a dynamic and comprehensive curriculum that equips students with the skills to analyze, interpret, and harness the vast potential of data. From machine learning to data mining, our expert faculty guide students in mastering the art of turning data into actionable knowledge. At the forefront of technological advancement, our department nurtures the next generation of data scientists and engineers.

About Programme

The Faculty Development Program (FDP) on Visualization-Driven Predictive Analytics with Modern Data Tools bridges the gap between theory and practice in data analytics. It introduces participants to predictive modeling, data preprocessing, feature engineering and exploratory data analysis using tools such as Python, Power BI, etc.,

Through real-world datasets and case studies, participants learn to build forecasting models, detect anomalies, monitor performance and derive actionable insights.

The program also emphasizes collaboration, highlighting applications of interdisciplinary predictive analytics across domains such as business, engineering, healthcare, education, and social sciences. Overall, the FDP equips participants with the skills and confidence to integrate predictive analytics into teaching, research, and professional practice, supporting data-driven decision-making.

Objectives of FDP

- To strengthen faculty analytical, technical, and teaching competencies in data analytics.
- To provide hands-on exposure to predictive modelling and visualization tools (Python, Power BI, Tableau).
- To enable integration of industry-relevant analytics skills into curriculum, labs, and student projects.
- To promote data-driven research, decision-making, and problem formulation using real-world cases.
- To encourage interdisciplinary collaboration and delivery of future-ready, data-informed education.

Outcomes of FDP

- To create measurable improvements in the analytical, instructional and research capabilities of participating faculty.
- To apply predictive modelling, forecasting techniques and data visualization tools to real academic and administrative scenarios
- To produce improved research outputs such as high-quality publications, innovative project proposals, and solutions to institutional challenges using data analytics.
- To foster a data-literate teaching community capable of adopting modern technologies and driving academic excellence within their institutions.

Resource Persons

The sessions of the Faculty Development Programme will be conducted by a distinguished panel of eminent experts from prestigious universities, renowned research organizations, and leading industries. Their diverse expertise will provide participants with a comprehensive

blend of academic insights, cutting-edge technological developments, and practical industry applications.

Instructions To Participants

The participant must be a teaching faculty from constituent and affiliated colleges of JNTUA, Ananthapuramu.

Guidelines

- No Registration Fee
- Participants will be selected on First-Come First- Serve basis.
- An evaluation test will be conducted at the end of the FDP.
- Certificates will be issued based on the attendance percentage, test score and submission of feedback.
- Accommodation will be provided on request.

Registration

To register for the FDP, Scan the QR Code:



Or Click on the below link

<https://forms.gle/dTr2LgtVhsnYK3QVA>

No Objection Certificate Link:

<https://tinyurl.com/3s2daf8t>

Last Date for Applying FDP: 16.04.2026

Confirmation of Participation: 18.04.2026

Event Details

Mode of Conduct : Offline
Timing : 9:30 AM to 5:00 PM
Venue : Scale up room