

# FIVE DAY FDP ON

## Enterprise AI

28 Feb – 04 March 2023



### About Institution

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, JNT 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 Anantapur, JNTU Kakinada, and JNTU Hyderabad. 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, 33 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.



### Chief Patron

Prof. G. Ranga Janardhana  
Hon'ble Vice-Chancellor, JNTUA,  
Anantapuramu

### Patrons

Prof. M. Vijaya Kumar  
Rector, JNTUA.  
Prof. C. Sashidhar  
Registrar, JNTUA.

### Chair Person

Prof. P. Sujatha  
Principal, JNTUACEA.

### Program Director

Prof. B. Eswara Reddy  
Director, Faculty Development Cell, JNTUA.  
Secretary, ISTE AP Section

### Program Convener

Dr. K. Madhavi  
HOD of CSE Dept., JNTUACEA.

### Program Coordinator

Dr. A. P. Siva Kumar  
Assoc. Prof. of CSE Dept., JNTUACEA.

# Five Day Faculty Development Program on Enterprise AI

28 Feb – 04 March 2023



## Organized by

Dept. of Computer Science & Engg.,  
JNTUA College of Engineering  
&  
Faculty Development Cell  
Jawaharlal Nehru Technological  
University Anantapur.

In association with  
ISTE AP Section

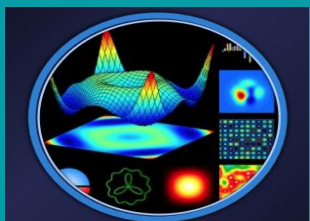




Introduction to Python



Data Analysis with Python



Data Visualization with Python



Data Base Management Systems



Machine Learning



NoSQL Data Base System

## About FDP:

➤ This program in Enterprise AI helps you master the skills looked for by top employers for the various roles needed for digital transformation of an organization. This program will be delivered by subject experts from the industry.

➤ Our program aims to make you master all the basic and advanced level skills in the various tools and technologies involved in the field of Artificial Intelligence and Machine Learning.

## Session Topics:

### Python:

Basics, Data Structures, Programming Fundamentals, Working with Files

### Data Analysis:

Importing Datasets, Cleaning & Preparing Data

### Data Visualization:

Introduction, Basic Tools, Specialized Tools

### DBMS:

Introduction, DB2, SQL

### NoSQL DBMS:

Introduction, Cassandra, CQL

### Machine Learning:

Introduction, Regression

## Targeted Faculty:

Teaching Staff of Constituent and Affiliated Colleges of JNTUA.

## Prerequisite:

Knowledge of Python Programming is preferable.

## Registration:

For Registration please scan QRCode



## No Registration Fee.

No. of Registrations limited to 30. Participants will be selected based on first come first serve basis. Selected participants should carry Laptops.

Accommodation will be provided for outstation participants.

## Performance Evaluation:

Every module includes a hands on performance evaluation. Successful participants will be awarded with certificate.

## Contact Details :

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## Resource Persons

1. Ganesan Narayanasamy ,  
IBM Global Leader for AI and Cloud Enablement and Ecosystem
2. S. Sri Kamani,  
Technical Leader at Object Automation System Solutions Pvt Ltd (IBM's partner)
3. Mr. Madan Kartheessan,  
Technical Leader in Object Automation Systems Solutions Private Limited, (IBM Partner)