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 during1955–1972. 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, 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, 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.

About GPREC

G. Pulla Reddy Engineering College (Autonomous), is the brain child of late Sri G. Pulla Reddy (12-08-1920 to 09-05-2007), a renowned philanthropist. His love for education and care for his native district manifested themselves in the form of this college. Inaugurated by the world famous ophthalmologist, Padma Bhushan, Dr.P. Shiva Reddy on 22nd February, 1985 and managed by G. Pulla Reddy Charities Trust. The college celebrated its Ruby Jubilee celebrations during 2024-25 and completed 40 years of its service in Engineering Education. The College offers 9 UG programs, 5 PG programs, and Ph.D. programs in all eligible branches of Engineering. The college has been granted AUTONOMOUS status by University Grants Commission, New Delhi, with effect from the academic year 2006-07. The college has a permanent affiliation to Jawaharlal Nehru Technological University Anantapur, Ananthapuramu and is approved by AICTE, New Delhi and accredited by NBA of AICTE and NAAC of UGC, New Delhi.

Chief Patron
Prof.H.Sudarsana Rao
Hon'ble Vice Chancellor,
JNTUA, Ananthapuramu

Patron
Prof.S.Krishnaiah
Registrar
JNTUA, Ananthapuramu.

Programme Director
Prof.G.Prasanthi
Director
Faculty Development Center,
JNTUA, Ananthapuramu.

Chair Person
Sri P.Subba Reddy
Secretary, GPREC

Programme Convener
Prof.B.Sreenivasa Reddy
Principal, GPREC

Programme Co-conveners
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Professor & HOD of CSE, GPREC
Dr.R.Praveen Sam
Professor & HOD of ECS, GPREC

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FIVE DAY FACULTY DEVELOPMENT PROGRAMME
on
MACHINE LEARNING AND DEEP LEARNING
07-07-2025 to 11-07-2025

Organized by

Department of Emerging Technologies in Computer Science

and

Department of Computer Science & Engineering
G Pulla Reddy Engineering College (Autonomous), Kurnool

&

Faculty Development Center
Jawaharlal Nehru Technological University Anantapur, Ananthapuramu

Resource Persons

The sessions in the Faculty Development Programme will be conducted by a distinguished panel of **eminent experts** representing prestigious academic Universities, institutions, leading research organizations, and prominent industry sectors. Their diverse backgrounds will ensure that participants receive a balanced mix of **academic insight**, **technological advancements**, and **practical applications**.

Organizing Committee

Dr. K.Govardhan Reddy, Dept of ECS

Dr.G. Raghu Ram, Dept of ECS

Dr.K.Srinivas Rao, Dept of ECS

Dr. S.Zahoor-ul-Huq, Dept of CSE

Dr. C.Sreedhar, Dept of CSE

Dr. B. Geetha Vani, Dept of CSE

Dr. Y.Rama Mohan, Dept of ECS

Sri. K.Srikanth, Dept of ECS

Dr.Abid Nayeemuddin. M, Dept of ECS

Sri. P.Madhusudan, Dept of ECS

Dr. M.Jahir Pasha Dept of ECS

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Sri. J.Swami Naik, Dept of CSE

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Sri. B.Thimma Reddy, Dept of CSE

Dr. K.V.Rameswara Reddy, Dept of CSE

Dr.G.Rajeswarappa, Dept of CSE

Dr.T.Swathi, Dept of CSE

Dr.K.Kavitha, Dept of CSE

About the FDP

This programme on Machine Learning (ML) and Deep Learning (DL) aims to build foundational and advanced competencies among faculty members in one of the most transformative domains of computer science and data analysis. This FDP is structured to include a mix of theoretical sessions, practical labs, case studies, and project-based learning. Participants will gain exposure to modern ML/DL tools such as Python, Scikit-learn, TensorFlow, PyTorch, and understand how these technologies are applied in domains like healthcare, finance, agriculture, education, and IoT. The programme will foster an academic ecosystem that promotes research, innovation, and pedagogical excellence in the field of Artificial Intelligence (AI).

Objectives:

- Equip faculty members with up-to-date knowledge and hands-on experience in ML and DL techniques.
- Improve their ability to design, implement, and evaluate ML/DL models
- Enable faculty to incorporate ML and DL effectively into undergraduate and post graduate curricula.
- Support the development of course content, labs, and project work related to ML/DL.
- Foster research capabilities by introducing state-of-the-art algorithms, tools, and frameworks (e.g., TensorFlow, PyTorch).
- Introduce effective teaching methodologies tailored to complex topics in AI.
- Share best practices for engaging students in ML/DL learning.
- Bridge the gap between academic teaching and industry needs.
- Familiarize faculty with real-world ML/DL applications and trends to better guide students.

Outcomes of FDP:

The FDP aims at providing future scope for research in the areas of Artificial Intelligence like:

- Understand components of Artificial Intelligence(AI), Machine Learning (ML) and Deep Learning (DL).
- Apply modern learning tools in the field of ML and DL.
- Ability to design and develop the ML and DL applications in class room scenario.
- Replicate the knowledge of AI, Deep and Machine learning with students.

Instructions to Participants:

Target Audience

The participant must beat 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/THJLtHNvDY17injo9

No Objection Certificate Link:

https://shorturl.at/gfFRV

Mode of Conduct: **OFFLINE**
Timing: 9:30 AM to 5:00PM
Venue : ECS Lab7, Dept of ECS,GPREC
Last Date to Apply for FDP   : 26.06.2025
Confirmation to Participants   : 28.06.2025
Acceptance from Participants : 30.06.2025

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