



# ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) ON Deep learning for Computer Vision: From Theory to Practice (17<sup>th</sup> March - 26<sup>th</sup> March 2025)



**Organized by**  
**Electronics & ICT Academy (Hub), NIT Warangal**  
**in association with**  
**E&ICT Academy (Spoke), IIITDM Kurnool, Andhra Pradesh**

**&**  
**Vignan's Foundation for Science Technology and Research**

**Sponsored by**

**Ministry of Electronics and Information Technology (MeitY), GoI**



## About FDP

This FDP is designed to provide participants with a comprehensive understanding of both theoretical concepts and practical applications in this rapidly evolving field. The program will delve into sector-specific applications, including medical imaging, agricultural monitoring, industrial automation, and transportation systems, offering insights into real-world implementations. Through a blend of interactive lectures and hands-on sessions, participants will gain the skills necessary to develop and deploy deep learning models tailored to these diverse domains. This FDP is ideal for faculty members, researchers, and industry professionals seeking to enhance their expertise in deep learning and computer vision applications across various sectors.

## Major Course Content:

- Introduction to Computer Vision and Deep Learning
- Computer Vision in Medical and Healthcare Sectors
- Computer Vision in Transportation.
- Computer Vision in Agriculture
- Practical Implementation Sessions
- Research Trends and Case Studies

## Experts

The program will be conducted by the faculty members from IIITDM Kurnool, Academicians in the concerned field from IITs/NITs/IIITs/CFTIs/ reputed institutes are invited to deliver lectures in the program. Speakers from industries are also expected to deliver as part of the course.

## Fee Particulars

Participants need to pay the Registration Fee Online using the following details

|                       |           |
|-----------------------|-----------|
| Faculty               | Rs.750/-  |
| Industry Participants | Rs.2250/- |

## Online Transfer Details

Account Name : **Electronics & ICT Academy NITW**

Account No **62423775910**

IFSC : **SBIN0020149**

Bank and Branch: **State Bank of India, NIT (REC) Warangal**

## How to apply:

Participants are required to fill the online registration form by clicking on the following link:

<https://forms.gle/T2P7Qb5adsvrw2S8>

## Selection Criteria:

Selection will be done based on first-come-first-serve basis to a preferable maximum number of 50 (fifty). Candidates will be issued satisfactory certificates on successful completion of the course.

## Important Dates:

|                           |                                 |
|---------------------------|---------------------------------|
| Last date (Application)   | <b>10.03.2025</b>               |
| Selection List by E- mail | <b>11.03.2025</b>               |
| Duration                  | <b>17.03.2025 to 26.03.2025</b> |

## 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 college has established itself as a premier Institute imparting technical education of a very high standard, leading to B.Tech degrees in various branches of engineering, M.Tech., and Ph.D. programs in various specializations. All B. Tech and M. Tech programs of NIT Warangal are NBA accredited.

## About IIITDM Kurnool

Indian Institute of Information Technology Design & Manufacturing, Kurnool (IIITDMK) was announced in 2014 after receiving the assent of President of India to the Institutes of Information Technology Act, 2014. IIITDM Kurnool is fully funded by Ministry of Education. IIITDM Kurnool was accorded the status of Institute of National Importance. The campus was inaugurated by Hon'ble Prime Minister on 20th February 2024. The institute is offering B.Tech in CSE, AI&DS, ECE, ME, M.Tech in 6 specialization in Engineering and Ph.D. IIITDM Kurnool students bagged AIR 29 and 42 in GATE 2024.

## About Vignan University Guntur

Vignan University, officially Vignan's Foundation for Science, Technology, and Research (VFSTR), is a Deemed university in Guntur, Andhra Pradesh, established in 2008. It offers various undergraduate, postgraduate, and doctoral programs in engineering, science, management, and humanities. Known for its quality education, the university has an 'A+' NAAC accreditation and NBA accreditation. Vignan ranks 72nd in the NIRF Engineering category and has five ABET-accredited programs. The university emphasizes practical learning through internships and projects while fostering a vibrant campus life.

## Coordinators

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