VIT
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

40 YEARS OF TRANSFORMING LIVES

NVIDIA Certified
National Level Workshop on Deep Learning Models

5th September 2026

Organized by

School of Computer Science and Engineering (SCOPE)
Vellore Institute of Technology
Vellore – 632 014

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Department of IoT, SCOPE
Dr. M. Bhuvaneswari,
Associate Professor,
Department of IoT, SCOPE

Contents of the Programme

- **PyTorch**
- **Convolution Neural Networks**
- **Transfer Learning**
- **Pre trained models**
- **Data Augmentation and**
- **Fine Tuning of Pre-trained models.**

Target Audience:
UG Engineering students and External participants from other Engineering Colleges.
Number of Participants: 60
(First Come First Serve Basis)
Internal: 40 members
External: 20 members

Registration:
The participants are requested to register for the workshop through the following link.
https://events.vit.ac.in/

Registration fee (Including GST):

- **UG VIT students : Rs. 685/-**
- **External Participants: Rs.1300/-**
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Last date for registration:31.08.2026

ABOUT THE VIT

VIT was established with the aim of providing quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and qualified teachers are strongly encouraged to nurture the students. The global standards set at VIT in the field of teaching and research spur us on in our relentless pursuit of excellence. Our Memoranda of Understanding with various international universities are our major strength.

ABOUT THE SCOPE

The school has one of the best infrastructures including domain-specific labs associated with the technical departments. The main aim is to produce computing graduates with potential, to design and develop systems with software and hardware devices, employ innovative approaches in programming and problem solving, and create Large Scale Software Systems. With an objective of developing core competence in the subject matter specializations and special interest groups for learning newer technologies.

The school has formed the following technical departments:

- Department of Analytics
- Department of Computational Intelligence
- Department of Database Systems
- Department of Software Systems
- Department of Information Security
- Department of Internet of Things
- Department of Quantum AI

ABOUT THE WORKSHOP

The NVIDIA Certified Workshop on "Deep Learning Models" is a hands-on, immersive training program. It is designed to introduce participants with the core concepts, tools, and applications of deep learning using NVIDIA technologies. This workshop is part of NVIDIA's Deep Learning Institute (DLI) initiative. It aimed at equipping developers, researchers, and educators with practical knowledge and skills in the field of artificial intelligence.

Participants will gain a deep understanding of neural networks, model architectures such as CNNs and RNNs, and techniques for training and optimizing deep learning models using popular frameworks like TensorFlow and PyTorch. The workshop includes real-world projects and labs accelerated by NVIDIA GPUs and powered by NVIDIA CUDA® and cuDNN™ libraries.

Speakers

Dr. P. Purusothaman
Head - R&D Product Development
Edsols Innovation Pvt Ltd
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