

TEQIP III



Deep Dive in Deep Vision

TEQIP-III Sponsored Short-Term Course

Indian Institute of Technology Indore

December 07th – 09th, 2020

Course Overview

This short-term course is focused on recent advancements in the areas of Computer Vision and Deep learning. It aims to cover topics ranging from key fundamental concepts to the recent research directions in these areas. Furthermore, it will empower the attendees to utilize the modern deep learning tools in solving real-world problems including Image Classification, Video Analytics and Biometric security. The lectures in this course will be delivered by experts in this field, including



Dr. Puneet
Gupta
(CSE IIT Indore)



Dr. Surya
Prakash
(CSE IIT Indore)



Dr. Vivek
Kanhangad
(EE IIT Indore)



Dr. Somnath
Dey
(CSE IIT Indore)

Registration

1. Faculty members from institutions under TEQIP-III: **No fee**
2. Other faculty members: **Rs. 3000** (inclusive of GST)

Last date for registration: **December 4th, 2020**

The number of faculty participants from the institutes under TEQIP III is limited to 50.

Registration Link : [Click Here](#)

What's in it for you ?

- Learn, Interact and opportunity to collaborate with renowned academicians
- Understand the inherent problems with modern algorithms and potential ways to improve them.
- Project-based learning on latest trends of Machine Learning
- e-Certificates for participants on successful completion of the course.

Course Co-ordinator

Dr Puneet Gupta
Assistant Professor (CSE)
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Contact Us

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Course Highlights

- Data processing of image and videos
- Presenting fundamental topics in machine learning
- Explaining Neural Networks and Deep Learning using PyTorch/TensorFlow
- Introduction to Biometrics security
- Presenting recent and exploring possible future research directions for image and videos processing
- Hands-on sessions with Python using Google Colab

Note: Hands-on session will be conducted on Google Colab and corresponding notebooks will be provided. Participants are free to work on their laptops with Anaconda pre-installed with relevant libraries.