



SSN College of Engineering
Department of Computer Science and Engineering
International Conference on Computational Intelligence in
Data Science (ICCIDS-2017)



Workshop on
**DEEP LEARNING IN COMPUTER VISION FOR IMAGE, VIDEO AND 3D
SHAPE ANALYSIS**

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This tutorial lecture aims at providing an overview of the recent advances around deep learning techniques in computer vision. Some amount of exposure to the modern computer vision and machine learning is expected.

Lecture is broadly divided into four parts. First, we will cover an overview of the convolution networks. Second, we will show some of its applications of image analysis. Third, we will discuss some deep learning architectures for video analysis applications. Finally, we will show recent extensions for 3d shape analysis tasks.

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