



**5th International Conference on Advanced Machine Learning Technologies and Applications (AMLTA-2020)**  
**Manipal University Jaipur, Jaipur, Rajasthan, India**  
**February 13-15, 2020.**

## Special Session on

### Applied Deep Learning in Computer Vision (ADLCV)

#### Special Session Organizer(s):



**Dr. Rashmita Khilar**, is working as an Associate Professor in the Department of Information technology at Saveetha School of Engineering, Chennai. She received her B.E(CSE) degree from Jerusalem College of Engineering, Anna University, Chennai, M.E(CSE) from Satyabhama University, Chennai and Ph.D. from Anna University in Computer Science and Engineering. Her research focuses on Image Processing, Machine learning, Deep Learning on various applications such as smart parking, object detection and tracking etc., She has 14 plus Years of teaching experience from various Engineering colleges with several publications at international and national level journals and conferences. She is also a reviewer and editor in various international journals.

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#### SCOPE AND TOPICS

The main aim of this special session is to provide an opportunity for young and energetic researchers to share their ideas related to Applications of Deep Learning for Computer Vision. The field of computer vision is shifting from statistical methods to deep learning neural network methods. There are still many challenging problems to solve in computer vision. Nevertheless, deep learning methods are achieving state-of-the-art results on some specific problems. It is not just the performances of deep learning models on benchmark problems that is most interesting; it is the fact that a single model can learn meaning from images and perform vision tasks, obviating the need for a pipeline of specialized and hand-crafted methods.

The special invites Technical Papers, Review Papers, and Research Articles as per the standard Springer format from the researchers and professionals in the domain of signal processing in the following areas (but not limited to):

- Image Classification
- Image Classification With Localization

- Object Detection
- Object Segmentation
- Image Style Transfer
- Image Colorization
- Image Reconstruction
- Image Super-Resolution
- Image Synthesis
- Face recognition
- Text Translation
- Voice Recognition
- Driver Assistance Systems
- Lane Classification and Traffic Sign Recognition.
- Other related Problems

#### **IMPORTANT DATES**

Paper Submission: 15 August 2019

Paper Accept/Reject Notification 15 September 2019

Camera Ready Paper Submission 30 September 2019

Registration Opens 15 September 2019

Early Bird Registration closes 15 November 2019

#### **SUBMISSION GUIDELINES**

Please refer the following link for paper template, submission system and other process related to online paper submission.

<http://amlta.com/2020/author-guidelines/>