

TRAINING SCHEDULE

**Management Development Program on Traditional to Deep-learning
usage for Image Processing Application**

This programme will be focusing on various aspects of Traditional to Deep-learning usage for Image Processing Applications. The schedule of programme will be as follows:

Day	Topic/session name
1.	Introduction to digital image processing and its applications Hands-on session with case studies of image-based processing
2.	Usage of Machine learning in image-based applications Hands-on session on the usage of machine learning for image processing
3.	Introduction to Deep Learning and CNNs Hands-on session on usage of CNNs
4.	A deep dive into the YOLO architecture and its recent advances Hands-on session on usage of YOLO for object detection
5.	Hardware perspectives on the usage of AI for real-time applications Hands-on session on the usage of CNNs over the hardware platform