



**Department of Information Technology
National Institute of Technology Karnataka, Surathkal
Srinivasa Nagar (PO), Mangalore-575025**



**5-Day TEQIP-III Sponsored Workshop on "Artificial Intelligence and Machine Learning Applications in the
Emerging Areas of Computer Science and Information Technology " (Dec 9th-13th, 2019)**

Timing	Monday 09-12-2019	Tuesday 10-12-2019	Wednesday 11-12-2019	Thursday 12-12-2019	Friday 13-12-2019
9.00-10.45am	Overview of DNN - Industry Perspective Dr. Prakash Raghavendra, AMD - Bangalore	Challenges and Opportunities of AI and ML in Industry Mr. Srivatsha G Dixith SAP Labs, Bangalore	Importance of Block Chain in AI Dr. Bhawana Rudra, NITK, Surathkal	Deep Learning and Reinforcement Learning Applications Prof. Ram Mohanna Reddy NITK, Surathkal	Generative Adversarial Networks for Computer Vision Dr.Sowmya, Amrita, Coimbatore
10.45 -11.00	Tea & Snacks	Tea & Snacks	Tea & Snacks	Tea & Snacks	Tea & Snacks
11.00-12.30pm	AI and Machine Learning Scenarios Prof. Ram Mohanna Reddy NITK, Surathkal	Deep Learning for NLP Dr. Anand Kumar M NITK, Surathkal	Blockchain Technology Hands on Session – 1 Dr. Kiran M and Mr. Raghavendra M NITK, Surathkal	DL and RL for Smart Building/Home/Class/City Prof. Ram Mohanna Reddy / Mr .Ashwin, NITK, Surathkal	Generative Adversarial Networks for Image Translation Dr.Sowmya, Amrita, Coimbatore
12.30- 1.30 pm	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
1.30-3.00 pm	Time Series Analysis Dr. Biju NITK, Surathkal	NLP Applications Dr. Anand Kumar M/ Mr.Gokul Krishnan NITK, Surathkal	Blockchain Technology Hands on Session – 2 Mr.Mayur Patil Chief Electoral Office, Bangalore	DL and RL for Smart Building/Home/Class/City Prof. Ram Mohanna Reddy / Mr .Ashwin NITK, Surathkal	Generative Adversarial Networks - Hands on Dr.Sowmya/ Mr. Sajith V V Amrita, Coimbatore
3.00-3.15 pm	Tea & Snacks	Tea & Snacks	Tea & Snacks	Tea & Snacks	Tea & Snacks
3.15-4.45 pm	Time Series Analysis - Hands on Dr. Biju / Mr.Nagaraj Naik NITK, Surathkal	NLP Applications Dr. Anand Kumar M/ Mr.Gokul Krishnan NITK, Surathkal	Building Intelligent Chatbots – Hands on Mr. Mayur Patil, Chief Electoral Office, Bangalore	DL and RL for Smart Building/Home/Class/City Prof. Ram Mohanna Reddy / Mr .Natesha NITK, Surathkal	Generative Adversarial Networks - Hands on Dr.Sowmya/ Mr. Sajith Amrita, Coimbatore