

**Department of Instrumentation and Control Engineering**

**National Institute of Technology - Tiruchirappalli**

**ICECON PRECONFERENCE-WORKSHOP**

**19<sup>th</sup> December 2019**

**Pre-Conference Workshop on**

**Introduction to Deep Learning –with Applications to Engineering System**

**SCHEDULE**

<b>TIME</b>	<b>EVENT</b>	<b>Topic</b>	<b>Venue</b>	<b>Resource Person</b>
08:30 to 09:15	Registration		LH-9	
09:30 to 10:45	Session-1	Introduction to Artificial Neural Networks, Deep Learning – Classification and Regression	LH-9	Prof. Nataraj
10:45 to 11:00	Tea Break			
11:00 to 12:15	Session-2	Recurrent Neural Networks-LSTM	LH-9	Prof. Nataraj
12:15 to 13:15	Lunch		Barn Hall	
13:30 to 15:00	Inauguration of the ICECON 2019 & Felicitation		EEE Gallery Hall	
15:00 to 16:15	Session-3	Hands-on session on Deep Learning classifier, network designer tool box	LAB-2 CSG	Prof. Nataraj's team
16:15 to 16:30	Tea Break			
16:30 to 17:45	Session-4	Hands- on session on DC motor dynamic modeling using LSTM	LAB-2 CSG	Prof. Nataraj's team