2018 IEEE CIS Summer/ Winter School on Deep Learning and Computational Intelligence
December 5th - 7th, 2018
Indian Institute of Technology Kanpur, India

Venue: Lecture Hall Complex (L-15)

PROGRAM SCHEDULE

Day 1: December 5, 2018

Time		
08:00 AM Onwards		Registration
08:45 AM - 09:00 AM		Welcome Speech
09:00 AM - 10:30 AM	**Lecture 1**	Speaker: Prof. Akhil R. Garg Affiliation: J.N.V University Jodhpur, India *Title: Convolutional Neural Network: the biologically inspired model of deep neural network*
10:30 AM - 11:00 AM		Tea Break
11:00 AM - 12:30 PM	**Lecture 2**	Speaker: Prof. A. K. Deb Affiliation: Indian Institute of Technology Kharagpur, India *Title: Support Vector Machines and Its Applications*
12:30 PM - 02:00 PM		Lunch
02:00 PM - 03:30 PM	**Lecture 3**	Speaker: Prof. B. Bhattacharya Affiliation: Indian Institute of Technology Kanpur, India *Title: On some Electro-Mechanical Aspects of Neuron Model*
03:30 PM - 04:00 PM		Tea Break
04:00 PM - 05:30 PM	**Lecture 4**	Speaker: Prof. J. C. Bansal Affiliation: South Asian University, New Delhi, India *Title: Nature Inspired Optimization Algorithms*

Day 2: December 6, 2018

Time		
09:00 AM - 10:30 AM	**Lecture 5**	Speaker: Prof. Vipul Arora Affiliation: Indian Institute of Technology Kanpur, India *Title: Machine Learning for Speech and Audio Applications*
10:30 AM - 11:00 AM		Tea Break
11:00 AM - 12:30 PM	**Lecture 6**	Speaker: Prof. Nishchal K. Verma Affiliation: Indian Institute of Technology Kanpur, India *Title: Deep Learning and Deep Fuzzy Networks*
12:30 PM - 02:00 PM		Lunch
02:00 PM - 03:30 PM	**Lecture 7**	Speaker: Prof. Vrijendra Singh Affiliation: Indian Institute of Information Technology Allahabad, India *Title: Time Series Analysis: Recent Advancements & Applications*
03:30 PM - 04:00 PM		Tea Break
04:00 PM - 05:30 PM	**Lecture 8**	Speaker: Prof. L. Behera Affiliation: Indian Institute of Technology Kanpur, India *Title: Selected Applications of Deep Networks and CI*

Day 3: December 7, 2018		
09:00 AM - 10:30 AM	**Lecture 9**	Speaker: Prof. Jagannathan Sarangapani Affiliation: Missouri University of Science and Technology, USA *Title: Direct Error Driven Deep Learning Scheme for Bigdata Classification*
10:30 AM - 11:00 AM		Tea Break
11:00 AM - 12:30 PM	**Lecture 10**	Speaker: Prof. P. K. Kalra Affiliation: Dayalbagh Educational Institute, Agra, India *Title: Issues, Myths, and Best Applications of Computational Intelligence*
12:30 PM - 02:00 PM		Lunch
02:00 PM - 03:30 PM	**Lecture 11**	Speaker: Prof. Sandeep Shukla Affiliation: Indian Institute of Technology Kanpur, India *Title: Machine Learning Applications in Cyber Security*
03:30 PM - 04:00 PM		Tea Break
04:00 PM - 05:30 PM	**Lecture 12**	Speaker: Prof. Swagatam Das Affiliation: Indian Statistical Institute Kolkata, India *Title: Predictive and Generative Deep Neural Architectures of Recent Interest: Foundations, Perspectives, and Future Challenges*