

**Winter School on Computational Intelligence and Research
Workshop, CSE, BUET
21st -23rd Jan 2016
Program**

Thursday 21st Jan, 2016		
8.30-9.00	Inauguration/Opening	Prof. Kaykobad, Dean Electrical Engineering, BUET
9.00-11.00	Fuzzy Logic and Fuzzy Systems	Dr Nazmul Siddique, Ulster University
11:00-12:00	Applications	Dr Nazmul Siddique, Ulster University
12.00-13.00	Invited Talk: Nature Inspired Computing Over Skype	Dr Xin-She Yang, Middlesex University
12:30-14:00	Lunch break	
14:00-14:30	Invited Talk: Modular Fuzzy Systems Over Skype	Dr Salmiah Ahmad, IIUM, Malaysia
14:30-16:00	Introduction to Matlab and Simulink	Dr Nazmul Siddique, Ulster University
16:00-18:00	Applications using Fuzzy Toolbox	Dr Nazmul Siddique, Ulster University

Friday 22nd Jan, 2016		
8:30-10.00	Neural Computing	Dr Nazmul Siddique, Ulster University
10:00-11:30	Learning algorithms and Applications	Dr Nazmul Siddique, Ulster University
11.30-12.00	Invited Talk: Motivated Learning Over Skype	Dr Kathryn Kasmerrick, UNSW, Australia
12:00-12:30	Applications (continuation of previous session)	Dr Nazmul Siddique, Ulster University
12:30-14:00	Lunch break	
14:00-15:00	Introduction to NN Toolbox	Dr Nazmul Siddique, Ulster University
15:00-16:00	Application using NN Toolbox	Dr Nazmul Siddique, Ulster University
16:00-16:30	Invited Talk: Reinforcement Learning Over Skype	Dr Inaki Rano, Ulster University
16:30-18:00	Application using NN Toolbox	Dr Nazmul Siddique, Ulster University

Saturday 23rd Jan 2016		
8:30-10.30	Evolutionary Computing	Dr Nazmul Siddique, Ulster University
10:30-12:30	Hybrid Systems	Dr Nazmul Siddique, Ulster University
12:30-14:00	Lunch break	
14:00-14:30	Invited Talk: Hybrid GA-Fuzzy Control	Dr Shafiul Alam, Dhaka University
14:30-15:00	Invited Talk: Self-organisation in biological swarms	Dr Sifat Moment, University of Liberal Arts Bangladesh
15:00-16:00	Introduction to GA Toolbox and Applications	Dr Nazmul Siddique, Ulster University
16:00-17:00	Hybrid Systems and Applications	Dr Nazmul Siddique, Ulster University
17:00-18:00	Assignment distribution, plan for research publication Closing	Dr Nazmul Siddique Prof. Kaykobad, Dean Electrical Engineering, BUET