



E&ICT ACADEMY

NATIONAL INSTITUTE OF TECHNOLOGY

WARANGAL – 506004, TELANGANA STATE – INDIA

Intelligent Electronic System Design using Bio inspired Algorithms

Lecture Schedule

Date	9AM – 11AM		11.15AM– 01:15PM		2.00PM-3.45PM	4-5.00PM
28.10.2017	Inauguration		Genetic Algorithm and Particle Swarm optimization (Dr J Ravi Kumar, NITW)		Channel Equalization using PSO (Dr J Ravi Kumar, NITW)	LAB
29.10.2017	Teaching Learning based Optimization Algorithm (TLBO) (Dr J Ravi Kumar, NITW)	T e a c h i n g B r e a k	System Identification and Controller system Design using TLBO (Dr J Ravi Kumar, NITW)	L u n c h B r e a k	LAB (Implementation of Algorithm using MATLAB)	
30.10.2017	Differential Evolution (DE) (Prof Swagatam Das, ISI,Kolkata)		Image Processing using Differential Evolution (Prof Swagatam Das, ISI,Kolkata)		LAB (Implementation of Algorithm using MATLAB)	
31.07.2017	Bench Marking of Optimization Algorithms (Prof Swagatam Das, ISI,Kolkata)		How to Publish papers in Reputed SCI Journals (Prof Swagatam Das, ISI,Kolkata)		LAB (Implementation of Algorithm using MATLAB)	
01.11.2017	VLSI Architectures for Machine Learning (Dr. K.Solomon Raju, CSIR-CEERI, Pilani)		VLSI Architectures for Machine Learning Dr. K.Solomon Raju, CSIR-CEERI,Pilani)		LAB (FPGA Implementation)	
2.05.2017	Biogeography-based optimization (BBO) (Prof N.V.S.N Sarma ,NITW)		Antenna Design Using BBO (Prof N.V.S.N Sarma, NITW)		Pedagogy (Prof Sarma)	Valedictory

Speakers

- 1) Dr J Ravi Kumar, Assistant Professor ,Dept of ECE, NITW, <http://www.nitw.ac.in/faculty/id/16305/>
- 2) Dr Swagatam Das, Assistant Prof, ISI, Kolkata, <http://www.isical.ac.in/~swagatam.das/>
- 3) Dr. Kota Solomon Raju, Principal Scientist, CSIR – Central Electronics Engineering Research Institute (CSIR-CEERI), <https://sites.google.com/site/drsolomonrcswsn/home>
- 4) Professor N.V.S.N Sarma , Professor, Dept of ECE, NITW, <http://www.nitw.ac.in/faculty/id/16287/>

Coordinators
Dr. M.Siva Ganga Prasad
Dr. J. Ravi Kumar