

Workshop and Symposium on “Applied Nonlinear Dynamics and Chaos” (ANDC-2014)

26-31, May, 2014

Part-1: Workshop on “**Applied Nonlinear Dynamics and Chaos**” (26-29 May and 31 May, 2014)

Workshop venue: Government College of Engineering & Textile Technology, Berhampore, Murshidabad, WB, India

Jointly organized by

Government College of Engineering & Textile Technology, Berhampore, Murshidabad, WB, India

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Dumkal Institute of Engineering & Technology, Basantapur, Murshidabad, WB, India

Tentative workshop schedule:

Time/ Date (Monday only)	Monday (26 May, 2014)	Time/ Dates	Tuesday (27 May, 2014)	Wednesday (28 May, 2014)	Thursday (29 May, 2014)	Saturday (31 May, 2014)
9:30-10:30	Registration	9:30-10:00				
10:30-11:00	Inauguration	10:00-11:00	Prof Dr Subinoy Chakroborty	Dr Tapan Saha	Dr Malay Banerjee	Prof Dr Santanu Ray
11:00-12:00	Prof Dr Lakshmanan Muthusamy	11:00-11:15	Hi-Tea	Hi-Tea	Hi-Tea	Hi-Tea
12:00-1:00	Dr Tapan Saha	11:15-12:15	Dr Syamal Kr Dana	Prof Dr R K Upadhyay	Prof Dr Bimal Kr Mishra	Prof Dr Sabyasachi Bhattacharya
1:00-1:45	Lunch	12:15-1:15	Prof Dr Lakshmanan Muthusamy	Dr. K. Murali	Dr Tanmoy Banerjee	
1:45-2:45	Dr Syamal Kr Dana	1:15-2:00	Lunch	Lunch	Lunch	Lunch
2:45-3:45	Prof Dr Subinoy Chakroborty	2:00-3:00	Dr. K. Murali	Prof Dr Bimal Kr Mishra	Prof Dr R K Upadhyay	Valedictory Session
3:45-4:00	Hi-Tea	3:00-4:00	Dr Tapan Saha	Dr Malay Banerjee	Practical Session 1.Introduction to MATLAB , Analysis of stability, bifurcation and chaotic dynamics using MATLAB By Dr D Jana	
4:00-5:00	Prof Dr Joydev Chattopadhyay	4:00-5:00	Practical Session (Dr S K Dana and group)	Practical Session (Dr K Murali)	2. Introduction to XPPAUT and AnT : Exploring the nonlinear dynamics using numerical experiments.	
5:00-6:00	Dr Debaldev Jana	5:00-6:00				

Part-2: Symposium on “Applied Nonlinear Dynamics and Chaos” (30 May, 2014)
Symposium venue: Dumkal Institute of Engineering & Technology, Basantapur, Murshidabad, WB, India

Tentative symposium schedule:

Time	Friday (30 May, 2014)	Tentative topic
9:30-9:50	Welcome address	
9:50-10:50	Prof Dr Santanu Ray	Nonlinearity in Ecosystem
10:50-11:30	Dr. K. Murali	Nonlinearity in Electronics
11:30-11:45	Hi-Tea	
11:45-12:25	Prof Dr R K Upadhyay	Modeling Wetland Ecosystem
12:25-1:25	Contributed Talks Session I	
01:25-2:10	Lunch	
2:10-2:50	Prof Dr Bimal Kr Mishra	Similarities between cyber attacks and biological infections
2:50-3:30	Dr Tanmoy Banerjee	Synchronization, Amplitude death, and oscillation death: delayed and nondelayed systems.
3:30-3:45	Hi-Tea	
3:45-4:45	Contributed Talks Session II	
4:45-5:00	Concluding Session	