Column Schedule:

Sl No	Name of distinguished invited speaker	Date (Venue)	Time	Topic
1	**Prof Dr Lakshmanan Muthusamy** Ph.D, D.Sc (h.c), FNA Sc, FA Sc., FNA, FTWAS Professor of Eminence & DST Ramanna Fellow DAE Raja Ramanna Fellow Centre for Nonlinear Dynamics Bharathidasan University, Palkalaiperur Campus, Tiruchirapalli-620 024, India	26.05.2014 (Workshop)	11.00-12.00	Introduction to Nonlinear Dynamics, Introduction to Delay Differential Equation I
		27.05.2014 (Workshop)	12:15-1:15	Introduction to Delay Differential Equation II (Stability, bifurcation and Chaos)
2	**Prof Dr R K Upadhyay** Professor, Department of Applied Mathematics, Indian School of Mines, Dhanbad, Jharkhand 826 004, India	28.05.2014 (Workshop)	11:15-12:15	Analysis of chaotic Dynamics
		29.05.2014 (Workshop)	02:00-03:00	Analysis of chaotic Dynamics/Diffusion
		30.05.2014 (Symposium)	11:45-12:25	Modeling Wetland Ecosystem
3	**Prof Dr Santanu Ray** Professor, Ecological Modelling Laboratory, Department of Zoology (CENTRE FOR ADVANCED STUDIES, Recognized by UGC), Visva-Bharati, Santiniketan 731235, India	30.05.2014 (Symposium)	09:50-10:50	Dynamic modelling and static modelling
		31.05.2014 (Workshop)	10:00-11.00	Ecological chaos
4	**Prof Dr Subenoy Chakraborty** Professor, Jadavpur University, Kolkata-700032, West Bengal, India	26.05.2014 (Workshop)	02:45-03:45	Introduction to Nonlinear PDE I
		27.05.2014 (Workshop)	10:00-11:00	Introduction to Nonlinear PDE II
5	**Prof Dr Bimal Kr Mishra** Ph.D(Bio Mathematics), D.Sc (Bio Mathematics) Professor and Associate Dean (Faculty Development and Sponsored Research) Department of Applied Mathematics, Birla Institute of Technology, Mesra, Ranchi- 835215, India	28.05.2014 (Workshop)	02:00-03:00	Mathematical models on cyber attack, crime and defense I
		29.05.2014 (Workshop)	11:15-12:15	Mathematical models on cyber attack, crime and defense II
		30.05.2014 (Symposium)	02:10-02:50	Similarities between cyber attacks and biological infections
6	**Prof Dr Joydev Chattopadhyay** Agricultural & Ecological Research Unit Indian Statistical Institute 203 B. T. Road, Kolkata 700108, India.	26.05.2014 (Workshop)	4:00-5:00	An introduction to Mathematical Biology
7	**Dr. K. Murali** Associate Professor, Department of Physics, Anna University, Chennai - 600 025, INDIA	27.05.2014 (Workshop)	02:00-03:00	Nonlinearity in Electronics I
		28.05.2014 (Workshop)	12:15-01:15	Nonlinearity in Electronics II
		28.05.2014 (Workshop)	04:00-06:00	Practical Session
		30.05.2014 (Symposium)	10:50-11:30	Nonlinearity in Electronics

8	**Dr Syamal Kr Dana** **Emeritus Scientist** **CSIR-Indian Institute of Chemical Biology** **Jadavpur, Kolkata 700032, India**	**26.05.2014 (Workshop)**	**01:45-02:45**	**Basics of chaos and synchronization and how to experiment in electronic circuit I**
		27.05.2014 (Workshop)	**11:15-12:15**	**Chaos and synchronization and how to experiment in electronic circuit II**
		27.05.2014 (Workshop)	**04:00-06:00**	**Practical Session: Demonstration of the electronic circuits.**
9	**Dr Tapan Saha** **Assistant Professor,** **Department of Mathematics,** **Presidency University, Kolkata -700073, India**	**26.05.2014 (Workshop)**	**12:00-01:00**	**Continuous Dynamical Systems I**
		27.05.2014 (Workshop)	**03:00-04:00**	**Continuous Dynamical Systems II**
		28.05.2014 (Workshop)	**10:00-11:00**	**Continuous Dynamical Systems III**
10	**Dr Tanmoy Banerjee** **Department of Physics,** **The University of Burdwan, Golapbag,** **Burdwan 713104, West Bengal, INDIA**	**29.05.2014 (Workshop)**	**12.15-01:15**	**Design of time-delay hyperchaotic circuits**
			03:00-05:00	**<u>Practical session:</u> Introduction to XPPAUT and AnT: Exploring the nonlinear dynamics using numerical experiments**
		30.05.2014 (Symposium)	**02:50-03:30**	**Synchronization, Amplitude death, and oscillation death: delayed and nondelayed systems**
11	**Dr Debaldev Jana** **Post Doctoral Fellow, Ecological Modelling Laboratory, Department of Zoology (CENTRE FOR ADVANCED STUDIES, Recognized by UGC), Visva-Bharati,** **Santiniketan 731235, India**	**26.05.2014 (Workshop)**	**05:00-06:00**	**Discrete Dynamical Systems**
		29.05.2014 (Workshop)	**03:00-5:00**	**<u>Practical session:</u> Introduction to MATLAB and analysis of stability, bifurcation and chaotic dynamics using MATLAB**
12	**Prof Dr Sabyasachi Bhattacharya** **Agricultural & Ecological Research Unit** **Indian Statistical Institute** **203 B. T. Road, Kolkata 700108, India.**	**31.05.2014 (Workshop)**	**11:15-12:15**	**An Extended Family of Density Dependent Growth Curve Models and Related Statistical and Ecological Issues.**
13	**Dr Malay Banerjee** **Assistant Professor** **Department of Mathematics and Statistics, Indian Institute of Technology Kanpur, Kanpur -208016**	**28.05.2014**	**03:00-04:00**	**Complete Local and Global Bifurcation Analysis for Autonomous Models**
		29.05.2014	**10:00-11:00**	**Stable, Oscillatory and chaotic coexistence in spatio-temporal models of population biology**