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TENTATIVE TIME SCHEDULE OF THE EVENTS

24th February 2012, Friday

Time	Invited Speaker	Topic
9:00-9:15AM		<i>Inauguration</i>
9:15-10:00AM	Chandrashekhar, Director, CSIR-CEERI Pilani	<i>Keynote lecture:</i> Condensed Matter Physics based Devices for 21 st Century
10:00-10:20AM		Tea break
10:20-10:55AM	S.M. Bhattacharjee	Unzipping and melting of DNA
10:55-11:30AM	Shrikant Kukreti	Structural Polymorphism of Nucleic acids
11:30-11:45AM		Tea break
11:45-12:20PM	Sanjay Kumar	DNA Unzipping: Scaling behavior of hysteresis loop
12:20-1:10PM		Introduction of posters by participants
1:15 - 2:15PM		Director's lunch
2:15-2:40PM	V. Manjula Devi	Functionalized CNT and liquid crystals
2:40-3:15PM	R. Pratibha	Layer structure stabilized smectic liquid crystal-gold nanosphere colloids
3:15-3:50PM	S. Dhara	Bistable Memory Device Using Thermal Hysteresis of Orientational Transition in Nematic Liquid Crystal
3:50-4:50PM		Poster session with tea break
4:50-5:15PM	Shibasish Chowdhury	Understanding protein folding mechanism through Molecular Dynamics Simulation of small model protein
5:15-5:40PM	Kunal Bhattacharya	Decision making in cohesive flocks
5:40-6:00PM		Tea and snacks
8:00PM		Cultural Program, Auditorium
9:00PM		Dinner at Institute Cafeteria

25th February 2012, Saturday

Time	Speaker	Topic
9:00 -9:35AM	Deepak Kumar	Magnetism and Thermodynamics of Cluster Compounds
9:35-10:10AM	Sanjay Puri	Cooling and Brownian Motion in Viscoelastic Granular Gases
10:10-10:45AM	Jamil Akhtar	Soft magnetic nanocomposites thin films; R&D initiatives at CEERI
10:45-11:45AM	Poster session with tea break	
11:45-12:20PM	P. Senthil Kumar	Size and Shape controlled Gold Nanostructures
12:20-12:55PM	P.S. Anil Kumar	Pulsed laser deposition of metallic films and multilayers
1:00-2:00PM	Lunch at Institute Cafeteria	
2:00-2:25PM	S. K. Saha	Study on guest molecule induced nanotubes of cyclodextrins and their secondary aggregation forming rod-like structures
2:25-3:00PM	Nidhi Chaturvedi	Development of AlGaN/GaN HEMTs for High Power Operation
3:00-3:30PM	Tea break	
3:30-3:55PM	S. Sindhu	Organic Electronic devices – Emerging technology
3:55-4:20PM	D.D. Pant	Photophysics of Fluorescent Molecules at Surfaces and Interfaces
4:20-4:55PM	Niladri Sarkar	Application of FDTD Modeling on Dispersive Media
4:55-5:30PM	Summary lecture by Prof. R. R. Mishra	
	Vote of thanks by Dr. Raj Kumar Gupta	
7:45PM	Dinner at Institute Cafeteria	

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