

Celebrating 40th Year of Academic Activities

भौतिकी संस्थान, भुवनेश्वर
Institute of Physics, Bhubaneswar

परमाणु ऊर्जा विभाग, भारत सरकार का एक स्वायत्त अनुसंधान संस्थान
Autonomous Research Institute of Dept. of Atomic Energy, Govt. of India

School Teachers Recharge Program

May 4 - 8, 2015

Program

Registration: 9:30 – 9:50 AM
Inauguration: 9:50 – 10:00 AM

Date	10:00 - 11:00	11:00 - 11:30 Tea Break	11:30 - 12:30	13:00- 14:00 Lunch Break	14:00 - 16:00		
					Group 1	Group 2	Group 3
04.05.2015 Monday	L 1 B C	Tea	L2 V R P1	Lunch	Lab visit IOP	Lab visit IOP	Lab Visit IOP
05.05.2015 Tuesday	L 3 S K N	Tea	L 4 V R P2	Lunch	Lab visit NISER	Lab visit NISER	Lab Visit NISER
06.05.2015 Wednesday	L 5 A M S1	Tea	L 6 S K P1	Lunch	Lab Visit NISER	Lab Visit NISER	Lab Visit NISER
07.05.2015 Thursday	L 7 A M S2	Tea	L 8 P V S1	Lunch	Lab Visit IIT BBS	Lab Visit IIT BBS	Lab Visit IIT BBS
08.05.2015 Friday	L 9 P V S2	Tea	L 10 V C	Lunch	Lab 01- Physics	Lab 02 Physics	Lab 03 Physics

Lecture	Professor Name	Title of the talk
Lecture 1 (B C)	Prof. B. Chandrasekhar, IIT BBS	Newton's Laws of Motion and Beyond
Lecture 2 (V R P1)	Prof. V. R. Pedireddi, IIT BBS	Organic and Biomolecules
Lecture 3 (S K N)	Prof. S. K. Nayak, IIT BBS	Chemical Bonding
Lecture 4 (V R P2)	Prof. V. R. Pedireddi, IIT BBS	Solid State and Materials
Lecture 5 (A M S1)	Prof. A. M. Srivastava, IOP	Bohr's Model and Beyond
Lecture 6 (S K P1)	Prof. S.K. Patra, IOP	Nuclear Structure and Radioactivity
Lecture 7 (A M S2)	Prof. A. M. Srivastava, IOP	Introduction to Electrostatics
Lecture 8 (P V S1)	Prof. P. V. Satyam, IOP	Dual Nature of Radiation - Diffraction Expts.
Lecture 9 (S K P1)	Prof. P. V. Satyam, IOP	Semiconductor Electronics: Light Emitting Diodes
Lecture 10 (V C)	Prof. V. Chandrasekhar, NISER	Coordination Compounds
Lab Visit IOP	Prof. P. V. Satyam, IOP	Visit to the IOP Experimental Facilities
Lab Visit NISER	Prof. P.K. Sahoo, NISER	Visit to the NISER Physics Experimental Facilities
Lab Visit NISER	Prof. A. Srinivasan, NISER	Visit to the NISER Chemistry Exp. Facilities
Lab Visit IIT BBS	Prof. V R Pedireddi/Prof. B. Chandrasekhar	Visit to the IIT BBS Experimental Facilities
Experiments	Prof. P. V. Satyam	Experiments (to be done by participants)

Coordinators:

Prof. P. V. Satyam and Prof. S. K. Patra

(Mobile: 9437558903; Email: satyam@iopb.res.in; pvsatyam22@gmail.com;