

Day to Day Program

Day 1 : Tuesday, November 22, 2011

- 10:00 a.m. – 10:45 a.m. Registration
- 10:45 a.m. – 11:30 a.m. Welcome Address and Orientation by JBNSTS
- 11:30 a.m. – 12:30 p.m. **"Inaugural Lecture"**
Dr. Sibaji Raha, Director, Bose Institute, Kolkata
- 12:30 p.m. – 01:00 p.m. **JBNSTS Forum**
- 01:00 p.m. – 02:00 p.m. Lunch & Interaction
- 02:00 p.m. – 03:30 p.m. **"Teamwork"**
Dr. Anjan Ghosh, Vice President, Total Quality Management, Exide Industries Ltd., Kolkata
- 03:30 p.m. – 05:00 p.m. **"সৌরজগৎ-হি এল ইফ"**
Dr. D.P. Duari, Director, Research & Academics, M.P. Birla Planetarium, Kolkata
- 05:00 p.m. – 06:00 p.m. Tiffin Break (**Submission of Book Bill and Travel Bill for residential students**)
- 06:00 p.m. – 07:00 p.m. **"Neutrinos"**
Dr. Soumya Chakravarti, Dept. of Physics, California State University, USA
- 07:00 p.m. – 08:30 p.m. **Film Show**

Day 2 : Wednesday, November 23, 2011

- 09:30 a.m. – 10:00 a.m. Registration (**Submission of attested copy of Xth Standard Board Examination Mark Sheet**)
- 10:00 a.m. – 11:30 a.m. **"Chemical Bonding"**
Dr. Samita Basu, Chemical Science Division, Saha Institute of Nuclear Physics, Kolkata
- 11:30 a.m. – 01:00 p.m. **"Wonders of Black Hole Geometry"**
Dr. Soumitra Sengupta, Department of Theoretical Physics, IACS, Kolkata
- 01:00 p.m. – 02:00 p.m. Lunch & Interaction
- 02:00 p.m. – 05:00 p.m. **"Plant Photosynthesis: Action Spectra vs. Absorption Spectra - Theory and Practice"**
Dr. Pratip Palit, CRIJAF, Kolkata
- 05:00 p.m. – 06:00 p.m. Tiffin Break
- 06:00 p.m. – 08:30 p.m. **Project Preparation**

Day 3 : Thursday, November 24, 2011

- 09:30 a.m. – 10:00 a.m. Registration
- 10:00 a.m. – 01:00 p.m. **Educational Visit to Science City**
- 01:00 p.m. – 02:00 p.m. Lunch & Interaction
- 02:00 p.m. – 05:00 p.m. **Continuation of Educational Visit at Science City**
- 05:00 p.m. – 06:00 p.m. Tiffin Break (**Reimbursement of Book Grant and Travel Bill for residential students**)
- 06:00 p.m. – 08:30 p.m. **Project Preparation**

Day 4 : Friday, November 25, 2011

- 09:30 a.m. – 10:00 a.m. Registration
- 10:00 a.m. – 11:30 a.m. **“Symmetry in Nature and Science: A Special Anecdote to Nobel Prize on Quasi Crystal”**
Dr. G. P. Das, Department of Material Science, IACS, Kolkata
- 11:30 a.m. – 01:00 p.m. **“Real and Complex Numbers”**
Dr. Indranath Sengupta, Department of Mathematics, Jadavpur University, Kolkata
- 01:00 p.m. – 02:00 p.m. Lunch & Interaction (**Submission of Travel Bill & Book Bill for non-residential students**)
- 02:00 p.m. – 05:00 p.m. **Project Presentation by the Participants**
Judges’ Bench for Project Evaluation:
Dr. Ashesh Nandy, Center for Interdisciplinary Research and Education, Kolkata
Dr. Partha Deb Ghosh, Dept. of Botany, Kalyani University, Kalyani
Dr. Sanjib Bagchi, Professor, Department of Chemistry, IISER, Kolkata
Dr. Jayanta Sthanpati, Former Deputy Director General, NCSM, Kolkata
Dr. Pratip Palit, Principal Scientist, CRIJAF, Kolkata
- 05:00 p.m. – 06:00 p.m. Tiffin Break
- 06:00 p.m. – 07:30 p.m. **Student Counseling**
Dr. Paromita Roy, Deputy Director, JBNSTS, Kolkata

Day 5 : Saturday, November 26, 2011

- 09:30 a.m. – 10:00 a.m. Registration
- 10:00 a.m. – 11:30 a.m. **“Exploration Antarctica :Adventure & Science”**
Dr. B. B. Bhattacharya, S.N. Bose National Centre for Basic Sciences, Kolkata
- 11:30 a.m. – 12:30 p.m. **Valedictory Lecture**
Dr. Amita Chatterjee, Former Vice Chancellor, Presidency University, Kolkata
- 12:30 p.m. – 01:30 p.m. Lunch & Interaction (**Submission of information cum feedback sheet during afternoon registration**)
- 01:30 p.m. – 02:00 p.m. **Reimbursement of Book Grant and Travel Bill for non-residential students**
- 02:00 p.m. – 04:00 p.m. **Science Quiz**
Dr. Manas Pratim Das, Transmission Executive, Science Cell, All India Radio, Kolkata