

Organizing Committee

Academic Committee :

Prof. (Dr.) Papiya Nandy, Director, JBNSTS
Dr. Ajoy Mukherjee, Principal, RSC-Barrackpore
Dr. Paromita Roy, JBNSTS
Dr. Abhijit Kar, JBNSTS
Dr. Smarajit Manna, JBNSTS
Dr. Niloy Karchaudhury, RSC-Barrackpore
Shri. Gunomoni Saha, RSC-Barrackpore
Dr. Amarendranath Chatterjee, RSC-Barrackpore
Shri. Amitabha Bhadury, RSC-Barrackpore
Dr. Sujata De Chaudhuri, RSC-Barrackpore
Dr. Debratna Mukherjee, RSC-Barrackpore



Members :

Shri. Joydip Das, JBNSTS
Shri. Dipankar Sarkar, JBNSTS
Shri. Sujit B. Chanda, JBNSTS
Shri. Ranjit Mallick, JBNSTS
Shri. Basudeb Dutta, JBNSTS
Shri. Prosenjit Chakraborty, JBNSTS
Ms. Sucharita Kundu, JBNSTS



Coordinator :

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Principal, Barrackpore Rastraguru Surendranath College, Kolkata

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Centre for interdisciplinary Research & Education, Kolkata

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Kolkata

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Scientific Officer, JBNSTS, Kolkata

Dr. Smarajit Manna

Student Advisor, JBNSTS

Dr. Ananda Dasgupta

Assistant Professor, IISER, Kolkata

Dr. D. P. Duari

Director, Research & Academics, M. P. Birla Planetarium, Kolkata

Dr. Swati Roy

Asstt. Professor of Molecular Biology & HOD, Microbiology
Barrackpore Rastraguru Surendranath College, Kolkata

Dr. Rakhi De

Asstt. Professor of Physiology, Dept. of Food and Nutrition
Barrackpore Rastraguru Surendranath College, Kolkata

Mr. Sayambhu Mitra

Asstt. Professor, Department of Physics
Barrackpore Rastraguru Surendranath College, Kolkata

Dr. Anjushree Dhara

Associate Professor, Department of Chemistry
Barrackpore Rastraguru Surendranath College, Kolkata



Day to Day Program

Day 1 : Tuesday, July 26, 2011

- 09:30 a.m. – 10:00 a.m. Registration
- 10:00 a.m. – 11:00 a.m. Orientation of participants
- 11:00 a.m. – 11:45 a.m. **Welcome Address**
Dr. Ajoy Kr. Mukherjee
 Principal, Barrackpore Rastraguru
 Surendranath College, Kolkata
- 11:45 a.m. – 12:30 p.m. **'Science, Scientist and Ethics'**
Prof. Papiya Nandy
 Director, JBNSTS
- 12:30 p.m. – 01:00 p.m. **Instruction for Lab Visit**
- 01:00 p.m. – 02:00 p.m. Lunch & Interaction
- 02:00 p.m. – 05:30 p.m. **Visit to some Laboratories of Barrackpore R S College**
Laboratory Experts:
 Chemistry : **Dr. Niloy Karchaudhury** and **Shri Gunomoni Saha**
 Physics : **Dr. Amarendranath Chatterjee** and **Shri Amitabha Bhadury**
 Zoology : **Dr. Sujata De Chaudhuri** and **Dr. Debratna Mukherjee**

Day 2 : Wednesday, July 27, 2011

- 10:00 a.m. – 11:30 a.m. **'Team Spirit in Science'**
Dr. Ashesh Nandy, Center for Interdisciplinary Research and Education, Kolkata
- 11:30 a.m. – 01:00 p.m. **'Basic Introduction to our Genes and its Organization in the Cells'**
Ms. Parijat R Senapati
 JNCASR, Bangalore
- 01:00 p.m. – 02:00 p.m. Lunch & Interaction
- 02:00 p.m. – 03:00 p.m. **'Basic introduction to Cells-Cell cycle'**
Mr. D. Karthigeyan
 JNCASR, Bangalore
- 03:00 p.m. – 05:00 p.m. **'What is Cancer? Our Genes and Cancer' &**
'Cancer Therapeutics-Past, Present and Future'
Dr. Tapas Kr. Kundu
 Professor, JNCASR, Bangalore

Day 3 : Thursday, July 28, 2011

- 10:00 a.m. – 01:00 p.m. Visit to **Central Research Institute for Jute and Allied Fibers**, Barrackpore
- 01:00 p.m. – 02:00 p.m. Lunch & Interaction
- 02:00 p.m. – 03:30 p.m. **'Expedition: Antarctica'**
Dr. Bimalendu Bhusan Bhattacharya
 INAE Distinguished Professor
 S. N. Bose National Centre for Basic Sciences, Kolkata
- 03:30 p.m. – 05:00 p.m. **'An Entertaining Hour with Mathematics'**
Dr. Mrinal Nandi
 Dept. of Statistics, West Bengal State
 University, Barasat, North 24 Parganas

Day 4 : Friday, July 29, 2011

- 10:00 a.m.—11:30 a.m. **'Carbon Sensus in Mangroves of Indian Sundarbans'**
Dr. Abhijit Mitra
Assistant Professor, Dept. of Marine Science, Calcutta University, Kolkata
- 11:30 a.m.—01:00 p.m. **Visit to JBNSTS for Hands on Experiments**
(Fundamentals of Spectroscopy and its application on natural extracts)
Dr. Abhijit Kar, Scientific Officer, JBNSTS
(Determination of charge of electron by Millikan Oil Drop experiment)
Dr. Smarajit Manna, Student Advisor, JBNSTS
(Microscopic studies of Biological structures)
M.s. Sucharita Kundu, JBNSTS
- 01:00 p.m.—02:00 p.m. Lunch & Interaction
- 02:00 p.m.—04:00 p.m. **Continuation of Hands on Experiment Session**

Day 5 : Saturday, July 30, 2011

- 10:00 a.m.—11:30 a.m. **'What High School Electricity and Magnetism Teaches us about Advanced Physics'**
Dr. Ananda Dasgupta
Assistant Professor, IISER, Kolkata
- 11:30 a.m.—01:00 p.m. **'A New View of Our Solar System'**
Dr. D. P. Duari
Director, Research & Academics
M. P. Birla Inst. of Fundamental Research
M. P. Birla Planetarium, Kolkata
- 01:00 p.m.—02:00 p.m. Lunch & Interaction
- 02:00 p.m.—02:30 p.m. **Distribution of Travel Bill / Book Grant**
- 02:30 p.m.—05:30 p.m. **Project Presentation by the Participants**
Judges' Bench for Project Evaluation:
Dr. Swati Roy, HOD, Microbiology
Dr. Rakhi Sharma Dey, Dept. of Food and Nutrition
Shri. Sayambhu Mitra, Department of Physics
Dr. Anjushree Dhara, Department of Chemistry
Barrackpore Rastraguru Surendranath College, Kolkata