

**Indian Institute of Science Education and Research Bhopal**  
**Outreach Activity: 'Treading the Science Way'**  
**(May 25-30, 2015)**

25<sup>th</sup> May, 2015 (L3) 09:00 -09:30 am Registration of Participants  
 09:30 -09:45 am Welcome Address by **The Director, IISER Bhopal**

**(A) PRE-LUNCH SESSION**

25<sup>th</sup> May, 2015 (L3): 10:00-10:30 am Inaugural Lecture: **Prof. Sandeep Verma** (IIT Kanpur)  
 Talk Title: "*Chemicals of Body Function: Brain, Vision, and Muscles*"  
 10:45-11:15 am Speaker: **Dr. Pritam Nasipuri** (Dept. of Earth and Environ. Sciences)  
 Talk Title: "*The Violent Earth*"  
 11:15-11:30 am Break  
 11:30-11:50 am 'Interactive Session' with **Prof. Faiz A. Khan** (IIT Hyderabad)  
 12:00-12:30 pm Speaker: **Dr. Himanshu Kumar** (Dept. of Biological Sciences)  
 Talk Title: "*Role of Biotechnology in Health Care*"

[For laboratory activities students will be divided into three batches (A, B, and C)]

Date	Biology Lab (10:00 am -12:30 pm)	Chemistry Lab. (10:00 am -12:30 pm)	Physics Lab. (10:00 am -12:30 pm)	Mathematics (10:00 am -12:30 pm)
26 <sup>th</sup> May, 2015	Batch-A	Batch-B (12:30 - 01:00 pm: Tour to CIF)	Batch-C	-----
27 <sup>th</sup> May, 2015*	Batch-B	Batch-C (11:30 - 12:00 pm: Tour to CIF)	-----	Batch-A (Dr.s Prahlad Vaidhyanathan and Abhik Ganguli)
28 <sup>th</sup> May, 2015	Batch-C	-----	Batch-A	Batch-B (Dr.s Kashyap Rajeevsarathy and Ajit Bhand)
29 <sup>th</sup> May, 2015	-----	Batch-A (12:30 - 01:00 pm: Tour to CIF)	Batch-B	Batch-C (Dr.s Abhik Ganguli and Romie Banerjee)

[\*Lab. timings for all the batches on 27<sup>th</sup> May: 09:00 am - 11:30 am]

30<sup>th</sup> May, 2015 (L3): 10:00-10:30 am Speaker: **Dr. Saptarshi Mukherjee**  
 Talk Title: "*Careers Opportunities in Indian Science*"  
 10:45 -11:15 am Participation Certificates, Book, and Prize Distribution  
 11:15 -11:30 am Concluding Remarks by **The Director, IISER Bhopal**  
 11:30 -12:00 pm Group Photo in LHC

**(B) POST-LUNCH SESSION**

25<sup>th</sup> May, 2015 (L3): 03:00-04:00 pm Interactive Session with Dept. of Biological Sciences  
 04:00-04:15 pm Break  
 04:15- 6:00 pm Extempore (**Dr.s P. Vaidyanathan and M. Mukherjee**)

26<sup>th</sup> May, 2015 (L3): 03:00-04:00 pm Interactive Session with Dept. of Chemistry  
 04:00-04:15 pm Break  
 04:15-4:45 pm Speaker: **Dr. Amit Paul** (Dept. of Chemistry)  
 Talk Title: "*Chemistry for a Better World*"  
 04:45- 6:00 pm Quiz (**Dr.s V. Srinivasan and A. Ghatak**)

27<sup>th</sup> May, 2015: 01:00-06:00 pm Tour to Regional Science Centre (RSC), Bhopal

28<sup>th</sup> May, 2015 (L3): 03:00-3:30 pm Speaker: **Dr. Vishnumaya Bisai** (Dept. of Chemistry)  
 Talk Title: "*Importance of Stereochemistry in Drug Discovery*"  
 03:30-03:45 pm Break

04:00-05:00 pm Interactive Session with Dept. of Physics  
05:00-06:00 pm Drawing Competition (**Dr.s L. Bhagavatula** and **S. I. Hasan**)

29<sup>th</sup> May, 2015 (**L3**): 03:00-04:00 pm Interactive Session with Dept. of Mathematics  
04:00-04:15 pm Break  
04:15-4:45 pm Speaker: **Dr. Rajib Saha** (Dept. of Physics)  
*Talk Title: "Components of our Universe"*  
05:00-6:00 pm Movie Screening (**Dr.s B. Ramakrishna** and **Sunil P. Singh**)

25<sup>th</sup> - 29<sup>th</sup> May, 2015: 06:15 - 07:45 pm Sports Activities (**Dr. Siddhartha Sarkar**)

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Faculty In-Charge for **Biology Lab.** (ITI Campus, Govindpura)  
(**Dr.s Lavanya Bhagavatula, Prabhat Singh, and Shanker Jha**)

Faculty In-Charge for **Chemistry Lab.** (Main Campus, Bhopal Bypass Road)  
(**Dr.s Aasheesh Srivastava, J. Sankar, Apurba L. Koner, and Sangit Kumar**)

Faculty In-Charge for **Physics Lab.** (Main Campus, Bhopal Bypass Road)  
(**Dr.s Ravi S. Singh, B. Ramakrishna and Ravi P. Singh**)

Faculty In-Charge, Tour to Central Instrumentation Facility (CIF): **Dr. Manmohan Kapur**