

IUCAA Programme on Astronomy and Astrophysics for Senior School Students--2014

Programme Coordinator: Prof. Amitabha Ghosh, INSA Senior Scientist and former Director, IIT, Kharagpur

Participants: Senior(High) School Students of Class-XI & XII

**Programme in Charge: Dr. Bhabes Bhattacharya,
Director, BIET**

Programme Details for the Astronomy Course at BIET Suri

**For Participation, download application form from
www.shcforum.org**

9th January, 2014 afternoon: Arrival of students and resource persons at Suri

10th January, 2014

10:30 -12:00 Introduction to Astronomy & The Solar System (**DPD**)

12:30 -01:30 Positional Astronomy – I (**AG**)

02:30 – 03:30 Astrophysics of Stellar Systems – I (**DPD**)

04:00 – 05:00 Theories of Relativity (**NB**)

05:00 – 06:00 History of Astronomy (**BG**)

09:00-10.00 Introduction to Telescopes & V. O. (**AKC & Ob Team**)

10:00 onwards Night observation (**Observation Team**)

11th January, 2014

10:00 – 11:00 Astrophysics of Stellar Systems – II (**DPD**)

11:00 – 12:00 Electromagnetic Radiation & Astronomy (**SR**)

12:30 – 01:30 Galactic & Extragalactic Astronomy (**SB**)

02:30 – 03:30 Positional Astronomy II (**AG**)

04:00 – 05:00 High Energetic Processes in Astrophysics (**SB**)

05:00 – 06:00 Introduction to Cosmology (**DPD/?**)

09:00 onwards Night observation (**Night observation team**)

12th January, 2014

10:00 – 11:00 Summary (**DPD**)

11:00 – 13:00 Feedback & valedictory **Departure after lunch**

Resource Persons

- 1. Prof. Somnath Bharadwaj**
- 2. Prof. Amitabha Ghosh**
- 3. Dr. Debi Prasad Duari**
- 4. Prof. Narayan Banerjee**
- 5. Prof. Ashis Kumar Chatterjee**
- 6. Prof. Saibal Ray**
- 7. Prof. Bichitra Guha**

Night Observation Resource Persons :

Sarvasree Palash Chatterjee, Biplab Dey & Bipash Dasgupta