

Two days Science Academies lecture workshop on “Recent trends in Nanoscience and Technology” during 11-12 April, 2018

Technical Programme

Venue: Sangeet Samrat Tansen Sabhagar (SSTS)
Date: April 11-12, 2018

Day-1: 11 April

Registration: 8:30 –9:00, Inauguration: 9:00-10:00, Group Photo/High Tea: 10:00-10:30

Lecture- I – 10:30-11:30 Prof. Ashok Kumar Ganguli, IIT Delhi: “Introduction to Nanoscience and Technology
Lecture-II- 11:30-12:30 Prof. Navakanta Bhat, Cense, IISc, Bangalore: Nanoelectronics: Opportunities and Challenges
Lecture-III- 12: 30-1:30 Prof. Veena Koul, IIT Delhi: Nano medicine for cancer Therapy

Lunch: 1:30-2:30

Lecture-IV-2:30-3:30 Prof. Amitava Patra, IACS, Kolkata: Fundamental Aspects of Luminescent Nanomaterials and Their Functionality
Lecture: V-3:30-4:30 Dr. Praveen Kumar Vemula, NCBS, Bangalore: Disease-responsive nanomaterials: Their biomedical applications
Lecture: VI-4:30-5:30 Prof. Ashok Kumar Ganguli, IIT Delhi: “Characterization of Nanomaterials”

5:30 TEA

Day -2: 12 April

Lecture-VII-9:30-10:30 Prof. Navakanta Bhat, Cense, IISc, Bangalore: “Nano Biosensors for Point of care Diagnostics
Lecture-VIII-10:30-11:30 Dr. Praveen Kumar Vemula, NCBS, Bangalore: Keep steps in Science entrepreneurship: A tale of three (ad) ventures based on nanomaterials

Tea-11:30-12:00

Lecture-IX-12:00-1:00 Prof. Amitava Patra, IACS, Kolkata: “Photon harvesting in Nanosystems
Lecture: X-1:00-2:00 Prof. Veena Koul, IIT Delhi: “Artificial skin Substitute from lab to clinic”

Lunch-2:00-2:30

Valedictory Session
(3:00-3:30)

Distribution of Certificates, Feedback of participants
Vote of Thanks- Prof. Amlan Kumar Das, Co-ordinator
TEA