High-End Workshop on
“Scattering Methods (Electron, X-ray and Ion) for Materials Characterization”

Venue: Indian Institute of Technology Bhubaneswar, Argul, Odisha.
Dates: June 13 – 20, 2022

Topics: Scattering Methods (using Electron, X-ray and Ion Beam)

i. Electron Microscopy (SEM and TEM)
ii. X-ray Scattering: XRD, XRR, GIXRD, Small Angle, Resonant scattering, fluorescence spectroscopy, XPS, Synchrotrons
iii. Ion Scattering: Accelerators, Rutherford Backscattering Spectrometry (RBS), Ion Channelling, ERDA, PIXE, SIMS, Ion Implantation

Tentative List of Speakers:
1. Prof. B. N. Dev (former Professor at IOP and IIT Kharagpur and now at TCG Kolkata)
2. Prof. D. Kanjilal – (Evening talk) (former Director IUAC and RRF IUAC Delhi)
3. Prof N C Mishra (Former Professor at Utkal University)
4. Dr. B. K. Panigrahi, IOP (Former Director, Materials Chemistry and MFC Grou and EIG, IGCAR Kalpakkam)
5. Prof Shikha Varma (IOP)
6. Dr R. Tewari (BARC, Mumbai)
7. Prof. P. V. Satyam, IIT Bhubaneswar
8. Prof. T. Som, IOP, Bhubaneswar
9. Dr. Shyamal Chatterjee, IIT Bhubaneswar
10. Dr Partha Sarathi De, IIT Bhubaneswar
11. Dr. B. Sundaravel, IGCAR, Kalpakkam
12. Prof. Dipak Kumar Goswami, IIT Kharagpur
13. Dr. Mrinmay Mukhopadhay, SINP Kolkata
14. Dr. Maheswar Nayak, RRCAT, Indore
15. Dr Manju Unnikrishnan, IMMT Bhubaneswar
16. Dr. Ashutosh Rath, IMMT Bhubaneswar
17. Dr. Dinesh Topwal, IOP, Bhubaneswar
18. Dr Suresh, ARCI Hyderabad
19. Dr. R Acharya, BARC
20. Dr Pratap K Sahoo, NISER, Bhubaneswar

Participants do get a chance to give a short oral presentation as well during the workshop.

Registration: PhD Students and Young Faculties Working in Physics and Material Science can send their interest before 30.5.2022

Contact: Prof. P. V. Satyam, IIT Bhubaneswar (satyam@iitbbs.ac.in) – 9437558903; 9337371359 and tem.xray.ion.karyashala2022@gmail.com (last date for registration (send your interest by email by 30.5.2022))