



PONDICHERRY UNIVERSITY

Central Instrumentation Facility (CIF)

Seminar on

Familiarization of HRTEM & XPS

March 22-23, 2018

Venue: Seminar Hall, Department of Earth Sciences



सत्यमेव जयते

Department of Science & Technology
Govt. of India

(Organized under DST-PURSE Phase II)



INVITATION



Program Schedule		
Day- I : 22.03.2018 (Thursday)		
09.30 – 10.00	Registration	
10.00 – 10.45	Inauguration	
10.45 – 11.00	Tea break	
11.00 – 12.00	HRTEM Instrumentation	Mr. P.Sundaram
12.00 – 01.00	Sample preparation for HRTEM analysis	Exec. Technical Director, M/s. ICON Analytical Equipment Pvt. Ltd., Chennai
01.00 - 02.00	Lunch break	
02.00 – 03.00	Basics of Electron Microscopy – Biological samples & Macromolecular Complexes - I	Dr. Shashi Singh, Chief Scientist, CCMB, Hyderabad
03.00 – 03.45	Interactive session	Mr. P.Sundaram
03.45 – 04.00	Tea break	
04.00 – 05.00	Basics of Electron Micro-scopy - Biological samples & Macromolecular Complexes - II	Dr. Shashi Singh, Chief Scientist, CCMB, Hyderabad
Day- II : 23.03.2018 (Friday)		
09.30 – 11.00	Practical surface analysis by X-ray photoelectron spectroscopy and Auger electron spectroscopy - I	Dr. Santanu Bera, Scientist, BARC Facilities, Kalpakkam
11.00 – 11.15	Tea break	
11.15 – 12.45	Elements of specimen preparation and data analysis in TEM - I	Dr. Arup Dasgupta, Senior Scientist, IGCAR, Kalpakkam
12.45 – 01.45	Lunch break	
01.45 – 03.00	Practical surface analysis by X-ray photoelectron spectroscopy and Auger electron spectroscopy - II	Dr. Santanu Bera, Scientist, BARC Facilities, Kalpakkam
03.00 - 03.15	Tea break	
03.15 – 04.30	Elements of specimen preparation and data analysis in TEM - II	Dr. Arup Dasgupta, Senior Scientist, IGCAR, Kalpakkam
04.30 – 05.15	Issue of Certificates & Concluding Session	