

Five Days Workshop on Advanced Material Characterization

Date: 10th to 14th June 2019

Venue: PSG Techs COE Indutech, Avinashi road, Neelambur, Coimbatore - 641062.

Participants: Research Scholars and Faculty Members from various institutions

The Five Days Workshop on ‘Advanced Material Characterization’ was held at PSGTECHS COE INDUTECH, Neelambur, Coimbatore, from 10th June 2019 to 14th June 2019. The program was held from 10 am to 4 pm on all the five days.

The workshop started with an introduction by Mr R P Cherian, Consultant, PSGTECHS COE INDUTECH, explaining the facilities available at COE. Then Mr V Muthukumar, Project Engineer – Testing, PSGTECHS COE INDUTECH, showed the participants, the manufacturing facilities and the testing facilities available at COE

FTIR Spectrophotometer was explained in detail and demonstrated to the participants on 10th afternoon. On next day XRD (Wide Angle X Ray Diffraction) was demonstrated with samples of participants. Dr R Arun Kumar, Associate Professor (Physics) of PSG College of Technology, explained the theory behind the XRD analysis.

FE-SEM (Field Emission Scanning Electron Microscope) was explained to the participants on 12th June by Mr G Selvakumar, Assistant Professor (Research), PSGTECHS COE INDUTECH. On 13th June ‘Simultaneous TG-DTA / DSC Apparatus’ and Tensile Strength Tester were explained and demonstrated.

Process Tensiometer and UV Spectrophotometer explained and demonstrated with samples on 14th June.

The participants found the workshop “Very Useful” and wanted to recommend the program to others

