



PSGTECHS COE INDUTECH CENTER OF EXCELLENCE - INDUSTRIAL / HOME TEXTILES

Dept. of Textile Technology & Automobile Engineering - PSG College of Technology

Promoted by Ministry of Textiles - Government of INDIA

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REPORT

WORKSHOP ON FESEM, EDS, AND SIMULTANEOUS THERMAL ANALYSIS (DSC / TGA)

Date: 09. 09.2023

Venue: PSGTECHS COE Indutech
Avinashi road, Neelambur
Coimbatore - 641062

Participants: Students, Research Scholars, Faculty Members,

Total number of participants: 21

Organizers:

1. Mr. V. Muthu Kumar, Manager - Testing, PSGTECHS COE INDUTECH
2. Mr. G. Selvakumar, Manager - Testing, PSGTECHS COE INDUTECH

We are happy to say that the one-day session on FESEM, EDS, and STA that was held on September 9, 2023, at our acclaimed centre, was a success. The purpose of this workshop was to provide a forum for sharing of information and experiences about recent developments in FESEM, EDS, and STA and their applications in diverse sectors. **Dr. G. Thilagavathi**, Head of the Department of Textile Technology, and **Dr.S.Neelakrishnan**, Head of the Department of Automobile Engineering, both at PSG Tech in Coimbatore, served as the workshop's **organisers**.

The workshop began with a welcome address by Dr.G.Thilagavathi, Joint Director, PSGTECHS COE INDUTECH, who also briefed the facilities available at COE. The workshop was taken by speakers, **Mr. V. Muthukumar**, Manager - Testing, and **Mr. G. Selvakumar**, Manager - Testing, PSGTECHS COE INDUTECH, Coimbatore. They shared their expertise and knowledge about the latest techniques and applications of STA and FESEM, the importance of these analyzes in various applications and the latest trends in the field. The workshop covered several topics including basics of analysis, instrumentation and applications in various fields such as mechanical, aerospace, pharmaceutical, polymers, ceramics and many others.

Participants also had the opportunity to engage in interactive sessions and hands-on training. The workshop was attended by researchers, academicians, and students interested in FESEM, EDS, and STA who gained insights into the latest advancements and trends in the field. The participants found the workshop informative, engaging, and useful, and we received excellent feedback from them.





