



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

AN EXCLUSIVE ONE-DAY TRAINING PROGRAM ON FESEM, EDS, AND SIMULTANEOUS THERMAL ANALYSIS (DSC/TGA) FOR INDUSTRIAL- TECHNICAL EXECUTIVES

Date: 07. 10.2023

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

Participants: Industry

Total number of participants: 15

Organizers:

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

We are pleased to report that the exclusive one-day training programme on FESEM, EDS, and Simultaneous Thermal Analysis (DSC/TGA) for Industrial-Technical Executives that was held at our esteemed centre on October 10, 2023, was a success. This workshop served as a forum for the exchange of knowledge and experiences regarding recent advancements in FESEM, EDS, and STA and their applications in a variety of industries. The workshop was convened by **Dr. G. Thilagavathi**, Head of the Department of Textile Technology and **Dr. S. Neelakrishnan**, Head of the Department of Automobile Engineering, both at PSG College of Technology, Coimbatore.

Dr. S. Neelakrishnan, Joint Director, PSGTECHS COE INDUTECH, gave a warm welcome before giving a quick overview of the amenities and industrial technical textile products at COE. Technical Speakers from PSGTECHS COE INDUTECH, Coimbatore, **Mr. V. Muthu Kumar**, Manager - Testing and **Mr. G. Selvakumar**, Manager – Testing have a brief presentation about the STA and FESEM, EDS respectively. They imparted their expertise and knowledge regarding the most recent STA and FESEM applications, methodology, and importance of these analyses in numerous applications, as well as the most recent developments in the industry. The programme addressed a wide range of topics, such as the fundamentals of analysis, instrumentation, and applications in numerous industries, including mechanical, aerospace, pharmaceutical, polymers, ceramics, and many more.

Participants also have the opportunity to participate in interactive sessions and hands-on training. The workshop brings together industrialists interested in FESEM, EDS and STA, who gain insight into the latest advances and trends in the field. Participants found the workshop informative, engaging and useful, and we received excellent feedback from them.





