Department of Nanoscience & Technology

One Day Hands-On Training on Synthesis of Nanostructured Materials -IV, 2023-24

Date: 23rd August 2023

Organized by: Department of Nanoscience and Technology in association with Centre for Scientific Research and Advanced Learning and Department of Botany

Event: One Day Hands-On Training on Synthesis of Nanostructured Materials -IV, 2023-24

The faculty of the Nanoscience & Technology department conducted the theoretical and hands-on training sessions.

Objectives:

The main goals of the training included: Familiarizing participants with the basic principles of nanostructured materials and their practical applications. Introducing participants to diverse synthesis techniques employed in the creation of nanostructured materials. Offering hands-on experience in the synthesis processes, empowering participants to implement these techniques in their respective research and projects

. **Workshop Highlights:**

Theoretical Sessions:

The workshop included in-depth theoretical sessions covering the fundamental principles of nanostructured materials, encompassing their unique properties, characterization methods, and applications across various fields. These sessions aimed to establish a robust knowledge base for participants before delving into practical applications.

Hands-On Training:

Participants engaged in hands-on sessions organized into small groups, fostering active learning and personalized guidance from the staff. Utilizing cutting-edge equipment and instruments for nanomaterial synthesis and characterization, participants gained practical experience. The training program received positive feedback, with participants expressing satisfaction regarding the quality and depth of the content. As a result, attendees left the workshop equipped with practical knowledge, hands-on skills, and an enhanced understanding of nanostructured materials, ready to contribute to groundbreaking research and advancements in the field.

The success of this program has motivated organizers to continue providing similar hands-on training opportunities, aiming to bridge the gap between theoretical knowledge and practical applications in nanotechnology.

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