

## Department of Nanoscience & Technology

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

**Date:** 9<sup>th</sup> August 2023

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

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

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



**Objectives:**

The primary objectives of the training were:

- To familiarize participants with the fundamentals of nanostructured materials and their applications.
- To introduce participants to various synthesis techniques for nanostructured materials.
- To provide hands-on experience in the synthesis processes, enabling participants to apply these techniques in their research and projects.

**Workshop Highlights:**

Theoretical Sessions:

The training featured comprehensive theoretical sessions that covered the fundamental principles of nanostructured materials, including their unique properties, characterization methods, and applications in diverse fields. These sessions were designed to provide participants with a solid foundation before delving into the practical aspects.

Hands-On Training:

During the hands-on sessions, participants were divided into small groups to facilitate active learning and personalized guidance from the staff. The participants had the opportunity to work with state-of-the-art equipment and instruments used for nanomaterial synthesis and characterization. Overall, the training program was well-received, and the participants expressed their satisfaction with the quality and depth of the training content. Participants left the workshop equipped with practical knowledge, hands-on skills, and a better understanding of nanostructured materials, poised to contribute to cutting-edge research and advancements in this exciting field.

The success of this program encourages the organizers to continue offering such hands-on training opportunities to bridge the gap between theoretical knowledge and practical applications in nanotechnology.