

REPORT

A COURSE ON MANUFACTURING AND CHARACTERIZATION OF COMPOSITES

Event Date: 03.07.2023 to 07.07.2023

About the event:

ASHINE, in collaboration with the Department of Mechanical Engineering, SVNIT, has successfully organized a one-week course on Manufacturing and Characterization of Composites from 3rd July 2023 to 7th July 2023. The program aimed to provide university students, faculty, and researchers with an interest in composite materials an opportunity to gain knowledge and hands-on experience in the fabrication and analysis of composites. The course was designed to enhance participants' understanding of composite materials' fundamental behavior and equip them with the necessary skills for research and analysis in this field.

The program was led by two experienced instructors:

Dr. Dumitru Nedelcu - Professor at "Gheorghe Asachi" Technical University of Iasi, Romania. Dr. Harshit K. Dave - Associate Professor, Department of Mechanical Engineering, SVNIT. Along with this, Dr. A. A. Shaikh (Head of the Department of Mechanical Engineering & Prof. In Charge, Research Park, SVNIT) also took the expert session.

The course consisted of a combination of lectures, tutorials, demonstrations, and assignments to ensure an interactive and engaging learning experience for the participants. The instructors employed a structured approach to cover the course content, allowing participants to gradually build their knowledge and skills in composite manufacturing and characterization.

The Course on Manufacturing and Characterization of Composites proved to be a valuable learning opportunity for university students, faculty, and researchers interested in composite materials. The program effectively fulfilled its objectives of providing a comprehensive understanding of composites, familiarizing participants with manufacturing processes, enhancing analytical capabilities, and stimulating research interests. The expertise of the instructors and the hands-on nature of the course contributed to a successful learning experience for all participants, enabling them to further their contributions to the field of composite materials.