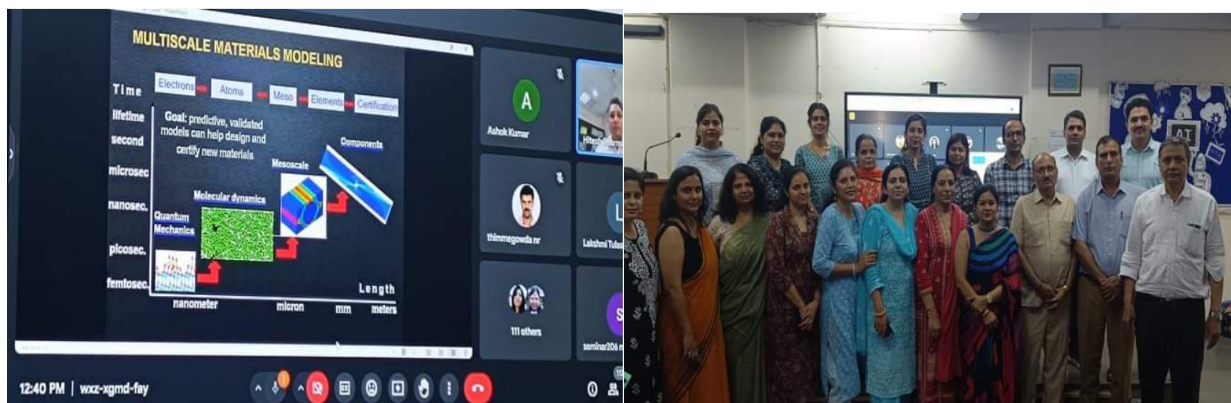


## Report

### An FDP on “Energy Storage Materials and Technology”, organized by the NITTR Chandigarh and Department of Applied Sciences, MSIT (as a remote center)

06-10 May 2024

The report outlines the details of a Faculty Development Program (FDP) on “Energy Storage Materials and Technology” organized by the Department of Applied Sciences at MSIT (Maharaja Surajmal Institute of Technology) from May 06 to 10, 2024. The FDP was facilitated by the National Institute of Technical Teachers Training and Research (NITTR) Chandigarh, with MSIT serving as one of the remote centers. Here's a breakdown of the key points covered in the report.



**Organizing Institutions:** NITTR Chandigarh organized the FDP. MSIT served as one of the remote centers for the program.

**Participants:** Approximately 40 faculty members from MSIT registered for the FDP.

**Duration:** The FDP took place over a period of five days, from May 06 to May 10, 2024.

**Inaugural Session:** The FDP commenced with an inaugural session on Monday, May 6, 2024. Dr. Pankaj Sharma give introduction of the course, highlighting its scope, objectives, and relevance.

**Sessions and Topics Covered:** The FDP included various sessions covering topics related to energy storage materials. Talks were delivered on "Nano energy materials by Dr. Ashok Kumar. Basics of energy conversion and storage, Advancement in energy conversion and storage were covered by Dr. Tharamani CN. Other topics covered included "Battery material simulation for energy storage application using RESCU software”, “Emerging materials for energy storage”, “Mesoporous materials for energy storage” and “Solid state hydrogen storage for energy applications”, among others. “Skills for scientific writing and communication” and “IKS-Science and Technology” was also covered during FDP.

**Final day:** The last day of the FDP was concluded with comprehensive quiz and feedback sessions.

**Feedback:** The FDP was described as useful and interactive. Participants provided positive and warm feedback on the course.

Overall, the FDP on “Energy Storage Materials and Technology” was well-received by the participants, with a range of relevant topics covered and interactive sessions conducted throughout the duration of the program.

Dr. Sheela Malik  
Convenor, FDP

Ms. Pooja Singh  
Co-convenor, FDP

Dr. Brijpal Singh  
HOD Applied Sciences