

# “KAARYASHALA ON SYNTHESIS AND CHARACTERISATION OF ADVANCED MULTIFUNCTIONAL MATERIALS FOR ENERGY HARVESTING APPLICATIONS”

FUNDED BY SCIENCE AND ENGINEERING RESEARCH BOARD (SERB), DEPARTMENT OF SCIENCE AND TECHNOLOGY,  
GOVERNMENT OF INDIA UNDER ACCELERATE VIGYAN SCHEME  
ORGANIZED BY: APPLIED SCIENCES DEPARTMENT PUNJAB ENGINEERING COLLEGE (DEEMED TO BE UNIVERSITY), CHANDIGARH

## OBJECTIVES OF THE WORKSHOP

The proposed workshop is designed in line with “Karyashala” initiative of Accelerate Vigyan of SERB-DST. The workshop aims to provide an insight to understand and utilize the unique properties of various advanced functional materials, particularly ferroelectric materials for energy harvesting devices. The workshop will provide an insight to practical knowledge cum hands on training for the synthesis, characterization of advanced materials in order to meet the needs of relevant industry, space, defence and research organizations in line with Govt. of India Mission. This workshop embraces an open invitation to all participants of various disciplines.

## HIGHLIGHTS OF THE WORKSHOP

To develop knowledge about various new research areas and synthesis techniques to prepare ferroelectric materials.

•Provides practical hands-on training on fabrication of various ferroelectric and magneto-electric materials

•Practical training to use different instruments like high energy ball milling, impedance analyzer, ferroelectric tester, different high temperature furnaces.

•Develop knowledge about clean room facilities.

DEVELOPMENT OF ENERGY HARVESTOR

16-22 JANUARY, 2023



## WHO CAN ATTEND

PG and Ph.D. students from universities colleges, and research institutions working in the related areas will be given the highest priority for selection.

## HOW TO REGISTER FOR WORKSHOP

Interested participants are requested to submit all the details on the following link

This event is FREE to attend. Seats are limited to maximum 25. Advanced registration is recommended.

Shortlisted/Selected participants by the duly constituted Selection Committee will be provided TA as per Gol norms, hostel accommodation and food etc. on all the days of WORKSHOP

LAST DATE TO REGISTER  
26<sup>TH</sup> DECEMBER 2022

REGISTRATION LINK: <https://bit.ly/AMMEHA-22>