

## Target Audience:

Academicians, UG and PG students, Research Scholars, Faculty members of Engineering/Material science background.

## Theme of Program:

The main objective of the training program is to provide a platform to the participants to get conceptual overview about the material characterization techniques towards the characterisation of cementitious materials and geopolymers particularly solid state NMR.

## Highlights

- It would be an unique opportunity for researchers dealing with cementitious and geopolymeric materials and related inorganic chemistry fields to update information regarding material characterisation techniques especially solid state NMR interpretation.
- It helps to connect the composition, structure and property of cementitious / geopolymer materials
- It also helpful for the interpretation and analysis of NMR data and multiple peak fit by Lorentz and Gaussian peak functions via demonstration.

## Takeaways

- To understand the reaction, mechanism and quantification of the species in cementitious / geopolymer materials
- Useful for the interpretation of the MAS-NMR data towards high impact paper writing.

### Patron

Dr.T.Sasipraba, Vice Chancellor

### Organizing Secretary

Dr.Dawn SS, Professor (Research)

### Conveners

Dr.Sivasakthi M, Assistant Professor (Research)

Dr.N Nirmala, Assistant Professor (Research)

Dr.J Arun, Assistant Professor (Research)

Dr.P Priyadharsini, Scientific Assistant

### Centre Information

Website: <https://www.centreforwastemanagement.com/>

Venue: Third Floor, Centre for Waste Management, International Research Centre.

### INSTRUCTIONS FOR PARTICIPANTS

Certificate will be provided

Refreshment and Lunch will be provided

## ADDRESS FOR COMMUNICATION

**Dr Sivasakthi M**

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Centre for Waste Management, IRC  
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**SATHYABAMA**

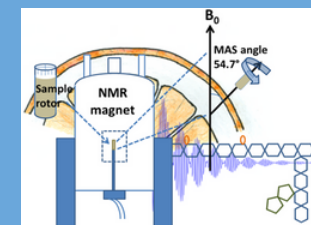
**INSTITUTE OF SCIENCE AND TECHNOLOGY**

**(Deemed to be University)**

**One Day Workshop on**

**Solid State NMR Spectroscopy**

**Spectrum Acquisition and Interpretation**



DATE: FEBRUARY 24, 2023

TIME : 10 AM TO 3 PM

**ORGANISED BY**

**CENTER FOR WASTE  
MANAGEMENT**

**CENTRE OF EXCELLENCE IN  
ENERGY RESEARCH**



### Registration Details

Registration Fee : INR 500

The Payment can be made through GPay

No: **8807593688**

**To Register**

**[CLICK HERE](#)**

