

ABOUT THE INSTITUTE

SRM Institute of Science and Technology (formerly known as SRM University) is one of the top ranking Private institutions in India accredited by NAAC with A++ Grade. Ministry of HRD places SRMIST in Category-A. It has over 55,000 students and 2600 faculties, offering a wide range of Undergraduate, Postgraduate and Doctoral Program in Engineering, Management, Medicine & Health Sciences, Agriculture and Science and Humanities. The Institution has moved up through international alliances and collaborative initiatives to achieve global excellence.

ABOUT NANOTECHNOLOGY RESEARCH CENTER

The Nanotechnology Research Center (NRC) is established with the aim of excelling to create the state-of-the-art facilities for nanotechnology research, development and products. The NRC is committed to the responsible development of nanotechnology as an important part of its environmental, health and safety research strategy. Our center is designing and synthesizing a diverse range of materials (Polymers, Inorganic nanocrystals, 2D Materials & Thin-films) and studying their structure and properties using state-of-the-art characterization methods. Currently more than 20 members including faculty, postdocs, scientific officers and JRFs are actively working in the thrust research areas of the center. NRC has been equipped with multiple facilities covering contemporary equipment for fabrication/growth and characterization of cutting-edge nanostructured materials.

State-of-the-art characterization facilities in NRC:

- X-ray Photoelectron Spectroscopy (XPS)
- Field Emission Scanning Electron Microscope (FESEM)
- Vibrating Sample Magnetometer (VSM)
- X-ray Diffractometer (XRD)
- UV-vis-NIR Spectrophotometer

- Fourier-Transform Infrared Spectrometer (FTIR)
- Gas Chromatography-Mass Spectrometry (GCMS)
- Scanning Probe Microscope (SPM)

Fabrication/coating/synthesis facilities:

- Pulsed Laser Deposition (PLD)
- RF & DC Magnetron Sputtering
- E-beam & Thermal evaporation
- Arc Melting Unit
- Electrospinning unit

For more information about NRC visit:

www.srmist.edu.in/nrc

WHO CAN ACCESS: *Faculty members & students from academic institutions, R & D labs and industries can avail the facilities by booking at nrc.srmonline.net*

ABOUT THE PROGRAM

The NRC has been organizing series of workshops/seminars/special lectures/hands-on training programs covering from synthesis & fabrication to advanced characterization, product development and commercialization. The aim of this training program is to impart research skills to the beginners and give introductory hands-on training on various state-of-the-art materials characterization & fabrication facilities. This program provides familiarization on different aspects of materials characterization techniques at NRC and motivate the youngster to choose research as a career.

WHO CAN PARTICIPATE?

Post graduate (M.Sc/M.Tech) students in any branch of Science and Engineering from institutions in India.

As the number of participation is limited to 100, **HURRY UP!!!** for registration www.tinyurl.com/wdqghuu before 29-02-2020.

**Those who would take participation will be given a chance to do internship/project work at NRC.*



ONE DAY TRAINING PROGRAM ON ADVANCED CHARACTERIZATION OF MATERIALS: THEORY & HANDS-ON TRAINING

FOR PG STUDENTS

MARCH 20, 2020

Organized by

NANOTECHNOLOGY RESEARCH CENTER (NRC)

Faculty of Engineering and Technology
SRM Institute of Science and Technology
Kattankulathur -603203.
Chengalpattu (DT), Tamilnadu.

Registration details

www.tinyurl.com/wdqghuu

Registration fee: Rs.100

Deadline: 29-02-2020

Number of participation: 100

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