



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(Deemed to be University)

Accredited with "A" grade by NAAC

www.sathyabama.ac.in

Admissions Open from March 2019

M.Sc., Materials Science

OFFERED BY

CENTRE FOR NANOSCIENCE AND NANOTECHNOLOGY

Centre of Excellence for Energy Research (Funded by MHRD, Govt. of India)

www.centrefornanotechnology.com

HIGHLIGHTS OF THE CENTRE

The Centre for Nanoscience and Nanotechnology (CNSNT) was established in January 2006 at Sathyabama Institute of Science and Technology (Deemed to be University), Chennai. The centre is focusing on leading area of research such as nanomaterials for energy conversion and storage, aerospace and nuclear industries, bioimplants and smart sensors. Recognizing the research potential and infrastructure facilities of the centre, MHRD, Govt. of India, granted funds in August 2014 for setting up Centre of Excellence for Energy Research under the scheme of Frontier Areas of Science and Technology. The CNSNT is equipped with major research facilities funded by various funding agencies and has 68 sponsored research projects. 112 research articles have been published in the international reputed journals by the scientist and scholars of the centre in the academic year 2017-2018. The centre also conducts training, awareness programmes, workshops and conferences at national and international level.

COURSE SALIENT FEATURES

- State of the art laboratory facilities providing excellent academic and research exposure.
- Outstanding interaction between University and Industries through industrial visits, guest lectures, internships and workshops.
- Exploring opportunities for higher studies through various national/international fellowships as well as campus placements.
- Well qualified, experienced, committed and dedicated faculties and technical staff.

FACILITIES



COURSE HIGHLIGHTS

1. Physical Metallurgy
2. Polymer and Ceramic Materials Processing
3. Materials Corrosion
4. Sensors and Smart Materials
5. Bio Materials
6. Advanced Microscopy and Spectroscopic Techniques
7. Energy Storage and Conversion

**Course starts in
July - 2019**

ELIGIBILITY

Bachelors Degree in Sciences (Physics/Chemistry/Biochemistry/Materials Science/Polymer Science/Electronics/Nanoscience) with 55% marks in the main subjects.

FOR FURTHER INFORMATION CONTACT

Program Co-Ordinator

Dr. T. Sasipraba

Course Co-ordinators

Dr. T. S. Shyju

Dr. A. M. Kamalan Kirubaharan

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