

ABOUT NIT SRINAGAR

National Institute of Technology Srinagar was established in 1960 as the Regional Engineering College, Srinagar. It was one of the first eight Regional Engineering Colleges (RECs) established by the Government of India during the first Five Year Plan (1956-61). It was upgraded to National Institute of Technology Srinagar in the year, 2003. NIT Srinagar is governed by the National Institutes of Technology Act, 2007 which has declared it as an Institute of National Importance. It is one of the 31 National NITs and as such is directly under the control of the MHRD.

VISION

To establish a unique identity of a pioneer technical Institute for NIT Srinagar by developing a high quality technical manpower and technological resources that aim at economic and social development of the nation as a whole and the region in particular keeping in view global challenges.

MISSION

The broad mission of NIT Srinagar is to create a strong and transformative technical educational environment in which fresh ideas, moral principles, research and excellence nurture with international standards. Technically educated and broadly talented engineers, future innovators and entrepreneurs, graduate with understanding the needs and the problems of the industry, the society, the state, and the nation. We promise to inculcate the highest degree of confidence, professionalism, academic excellence and engineering ethics in budding engineers.

ABOUT PHYSICS DEPARTMENT

The Department of Physics, National Institute of Technology Srinagar was established in 1960 with the prominent personalities like Professor Rais Ahmad, Professor Syed Ahmad Ali, Professor Radha Krishna etc. Since then, the Department of Physics remained very active in research and other academic activities. The Department has started teaching 2 year M.Sc. classes in Physics from the Academic Year 2015 (Autumn Session).

WHO CAN ATTEND THE COURSE

A Faculty Member/ Research Scholar of an Engineering/ Science / Industry background can attend the course. Interested candidates need to apply to the 'Coordinator' in the prescribed format by due date (through proper channel) along with an online registration fee receipt.

ORGANIZING COMMITTEE

Chief Patron

Prof. Rakesh Sehgal
Director NIT Srinagar

Workshop Convener

Prof. M. F. Wani
TEQIP-III Coordinator

Workshop Co- Convener

Prof. Seemin Rubab
Head, Department of Physics

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Local Organizing Committee

Prof. Mohd. Ikram
Dr. Seemin Rubab
Dr. G. R. Khan
Dr. Prince A. Ganai
Dr. M. A. Shah
Dr. Vijay Kumar
Dr. Mohd Zubair Ansari
Dr. Harkirat Singh

 www.nitsri.ac.in



SHORT TERM COURSE
ON

MATERIALS CHARACTERIZATION TECHNIQUES

JUNE 24-28, 2019

One Week Duration

(Sponsored by TEQIP III)

Organized by
DEPARTMENT OF PHYSICS

Venue:
Hi-Tech Room – 5, NIT Srinagar

ABOUT THE COURSE

The short term course provides a conceptual overview of major analytical techniques for advanced materials characterization with demonstration on selected techniques. The workshop will be open to a broad audience interested in acquiring in-depth knowledge on the ideas & advancements in areas of X-ray Diffraction, UV-VIS-NIR Spectroscopy, Atomic Force Microscopy, Field Emission Scanning Electron Microscopy, Electrical and Optical Spectroscopic Techniques, Fourier Transform Infrared Spectroscopy etc.

The outcome of this workshop would be certainly of immense importance in the above-mentioned topics. After completion of the workshop, participants can appreciate how these techniques help in understanding materials, correlating structure-property relation and eventually for elucidating the structure of existing and newly discovered materials. This will not only enable them to build up a fundamental thought process of characterization techniques but also help in interpreting their own research findings more efficiently.

The Resource Persons for the course will be highly experienced faculty members from reputed Institutes like IITs, Panjab University Chandigarh, NITs, Central Universities, Kashmir University, Industries, etc. Students and faculty members from government and private organizations with post graduate degree are eligible to attend the course. The program is of interdisciplinary nature. Only limited numbers of seats are available. The interested candidates need to apply on the address of the coordinator in the prescribed format by due date through proper channel. The registration process will be completed only when the registration form is received.

Interested candidates must email the advance scanned copy of their registration form along with the copy of online payment receipt by 5th June, 2019.

Registration Fee

Students/Research Scholars - Rs. 1500/-
Faculty Members/Scientists - Rs. 2500/-
Industry Persons - Rs. 3000/-

The above fee includes kit, tea/snacks & lunch for five days. The accommodation will be provided on payment basis subject to availability on request.

For online payment, details of the Bank are:
A/c Name: TEQIP-III
A/c No: 0391040100011025
Bank Name: J&K Bank
Bank Branch: REC Srinagar
IFSC Code: JAKA0RECSGR (0=zero)

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REGISTRATION FORM for Short Term Course on Materials Characterization Techniques

Name: _____

Qualification: _____

Gender: _____

Designation: _____

Faculty Members/ Scientists/ Industry Person/
Student/ Research Scholar: _____

Department: _____

Name of Institute/Industry: _____

Accommodation Required: YES/NO

Address for Communication: _____

Mail ID: _____

Phone No: _____

Online Reference No. _____

Name of Bank: _____

Amount in Rs.: _____

Dated: _____

Signature of
Participant

Signature of
Competent Authority
with seal