ABOUT NIT UTTARAKHAND

National Institute of Technology, Uttarakhand is amongst the emerging NITs, located in Srinagar Garhwal. It was established in 2009 under the Act of Parliament of India by the Ministry of Human Resource Development and designated with the status of "Institute of National Importance". The temporary campus of NIT Uttarakhand is functional from two campuses i.e. Polytechnic and ITI. Recently NIT-UK has started its operations from a Satellite campus at MNIT Jaipur for the B.Tech. students. The Institute offers B.Tech., M.Tech. in Engineering branches and Ph.D. courses in Engineering and Science disciplines. TEQIP-III program is running in the Institute since April 2018. With continuous efforts to create research oriented environment, Department of Physics, NIT Uttarakhand is offering a STC on "ADVANCED FUNCTIONAL MATERIALS, CHARACTERIZATION AND APPLICATIONS".

ABOUT MNIT JAIPUR

Malaviya National Institute of Technology is one of the premier NITs of India, fully funded by Ministry of Human Resource Development (MHRD), Government of India. The institute was given the status of a National Institute of Technology and Deemed University on June 26, 2002, and proclaimed the Institute of National Importance through Act of Parliament on August 15, 2007. The Institute offers undergraduate and post graduate (B. Tech., B.Arch., M. Tech., M. Plan., M.Sc., MBA and PhD) programmes to approximately 5000 students in leading field of Engineering, Technology, Architecture, Management and Sciences. The institute is actively engaged in research, consultancy and developmental activities, besides imparting regular teaching.

ABOUT SLIET LONGOWAL

Sant Longowal Institute of Engineering & Technology (SLIET), Longowal, established by the Govt. of India, provides technical education in emerging areas of Engineering & Technology. The institute was set up in 1989 and is fully funded by MHRD, Govt of India. The Institute offers programmes at Certificate, Diploma, Degree, Post-graduate (M.Tech., M.B.A. and M.Sc.) and Ph.D. levels in Engineering and Technology, Science, Humanities, Management.

PATRONS

Prof. Shyam Lal Soni,
Director, NIT Uttarakhand
&
Prof. Udaykumar R. Yaragatti,
Director, MNIT Jaipur
&
Dr. Shailendra Kumar Jain
Director, SLIET, Longowal

CONVENERS

Dr. Indrajit M. Nagpure, (NIT Uttarakhand)
Dr. Pankaj Kandwal (NIT Uttarakhand)
Dr. Rahul Singhal (MNIT Jaipur)

COORDINATORS

Dr. Hardeep Kumar, HoD Physics (NIT Uttarakhand)
Dr. M. S. Khatri, Physics (NIT Uttarakhand)
Dr. Saroj Ranjan De, Chemistry (NIT Uttarakhand)
Prof. M. M. Sinha, HoD Physics, SLIET, Longowal
Dr. K. Venkataratnam Kamma (MNIT Jaipur)

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Dr. Y. K. Prajapati , Nodal Officer, Acad. TEQIP, NITUK
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Prof. G. D. Sharma, LNMIIT, Jaipur
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SHORT TERM COURSE

on

ADVANCED FUNCTIONAL MATERIALS, CHARACTERIZATION & APPLICATIONS

29th Feb. – 04th March, 2020

Sponsored by

TEQIP-III

(Under Twining Activity)

Jointly Organized By

Department of Physics &
Department of Chemistry,
National Institute of Technology, Uttarakhand
&
Department of Physics,
Malaviya National Institute of Technology, Jaipur
&
Department of Physics, SLIET Longowal

VENUE
VLTC Building, MNIT Jaipur

ABOUT THE COURSE

The STC will focus on providing in-depth knowledge of Advanced Functional Materials and Nanotechnology, their fundamental characteristics, synthesis, characterization and applications in the advancement of Science and Technology in different domains. The course will comprise of Lectures and hands-on training in the Laboratories at MNIT Jaipur. These activities will provide the participants an exposure to the state-of-the-art techniques used worldwide in the area of functional materials and Material Science. This will also provide a platform to the participants to interact with the leading scientists and technologists and benefit from their vast experience in the area. This course will also be very beneficial and important for Faculty members, PhD students, Research Scientist and M.Tech. students who are working in the area of Material Science and Nanotechnology.

TOPICS TO BE COVERED IN STC

This short term course will cover the following topics (but not limited to) -

- Advance Functional Materials (AFMs)
- Nanomaterials
- Synthesis and characterization Techniques
- Applications
- Future prospects in the relevant area

SPEAKERS

Expert members from Research Institutes/IITs/NITs/ reputed organizations/laboratories will give insights on various topics and theme of the STC.

WHO SHOULD ATTEND

The M.Tech./Ph.D. students, faculty members, Research Scientist and professionals working in the area of synthesis, characterization, application of AFMs and Nanotechnology are welcome to attend the course. Candidates who are interested to learn the basics and know-how of the intended topics can also participate and gain the knowledge.

REGISTRATION

Delegates	Fees (In Rs.)
Faculty, Engineers and Professionals	2000/-
Students	500/-

NOTE:

- Registration fee (Non-refundable, in any case) includes registration kit, course certificate, tea and lunch.
- **NO Registration fee for the Participants from TEQIP-III funded Institutions.**
- NO TA/DA will be provided to the participants.

MODE OF PAYMENT

Registration Fee should be submitted online on or before 26th Feb. 2020. For online payment the NIT Bank account details are given below:

A/C Name	NIT Uttarakhand
Bank Name	SBI, Srinagar-Garhwal
A/C No.	37843015175
IFSC Code	SBIN0003181

Participants are requested to send Registration Form counter signed by PhD Supervisor/Head/Principal along with payment receipt on or before 26th Feb. 2020 at *stc.afmca2020@gmail.com*

ACCOMMODATION

Accommodation will be provided in the Guest House/Hostels of MNIT Jaipur on payment basis and as per the availability on first-come first-served basis.

HOW TO REACH

STC will be conducted at NITUK Satellite Campus at VLTC Building, MNIT Jaipur. City is well connected by Air, Rail and Bus Transport. Further any query contact at *stc.afmca2020@gmail.com*

REGISTRATION FORM

Sponsored by

TEQIP-III

(Under Twining Activity)

One Week Short Term Course

on

ADVANCED FUNCTIONAL MATERIALS, CHARACTERIZATION & APPLICATIONS

29th Feb. – 04th March, 2020

Name: _____

Designation & Official Address: _____

_____

Highest Academic Qualification: _____

Accommodation Required: Yes/No

Registration Fee Details:

(Category: Faculty/Students/Professionals)

Institute under TEQIP-III fund (Yes/No): _____

Payment mode: Online/Cash Transaction ID: _____

Bank Name: _____ Amount: _____

Address for Correspondence: _____

_____ Pin: _____

Mobile: _____ Email: _____

Signature of Applicant: _____

Authorized Signatory with Seal

(Registration form counter signed by PhD Supervisor/Head /Principal and Fee should be submitted online along with receipt of payment by 26th Feb. 2020. Registration may be accepted at the registration counter provided seats are available.)