

One Week Training Program on
“Materials Synthesis & Characterization Techniques”
Under STUTI Program, Department of Science & Technology (DST), Govt. of India
(October 11-17, 2022)

Organized by
School of Engineering, UPES, Dehradun

In Association with
Banasthali Vidyapith, Rajasthan

About UPES: Established in 2003 through the UPES Act, 2003 of the State Legislature of Uttarakhand. University of Petroleum and Energy Studies (UPES) is a UGC-recognized university and has been accredited grade ‘A’ by NAAC. National Institutional Ranking Framework (NIRF), Ministry of Education, has ranked UPES at 65 among the Universities across India; School of Engineering is ranked 61, School of Business is ranked 41, and School of Law is ranked 21 in India. UPES faculty members are an illustrious group, with over 700 academicians from world-renowned institutions such as Oxford, Cambridge, Harvard, Stanford, FSU, Purdue, UC Berkeley, Yale, MIT, Cornell, Columbia, Imperial College London, IISc, IITs, IIMs, etc. 15 UPES faculty members are in the list of top 2% researchers in the world.

About STUTI: STUTI stands for Synergistic Training program Utilizing the Scientific and Technological Infrastructure funded by the Department of Science & Technology (DST), Government of India. This scheme is intended for the development of human resources (Scientists/Faculty Members/PhDs and Post-Doctoral fellows) actively involved in research across various institutions in the country. The capacity building of the human resource is accomplished by providing them open access to state-of-the-art S & T Infrastructure across the country.

Goals of STUTI Program:

- The participants will familiarize themselves with various sophisticated instruments supported by DST, GoI, & other funding agencies.
- The participants will be upskilled in the handling of various sophisticated instruments and characterization techniques and their analysis.
- The participants will be acquainted with the sophisticated instruments and characterization tools to design and implement appropriate strategies for their research work.

TOPICS TO BE COVERED		
The program will include lectures/tutorials and hands-on training on the following research instruments:		
<ul style="list-style-type: none"> • Chemical Synthesis Techniques • RF/DC Sputtering Technique • XRD and Rietveld Refinement 	<ul style="list-style-type: none"> • Electrical Transport Measurements • Magnetic Measurements • Surface Properties Measurements 	<ul style="list-style-type: none"> • Raman Spectroscopy • PL Spectroscopy • UV-Visible & FTIR Spectroscopy
ELIGIBILITY	REGISTRATION PROCEDURE	
<ul style="list-style-type: none"> • Ph.D. scholars/ Post Docs/ Faculty/ Scientists who are actively involved in the field of basic or applied sciences/ engineering • Industry professionals who are actively involved in R&D 	<ul style="list-style-type: none"> • Registration, Meal and Accommodation: Free • Travel: Limited participants will get travel support • Registration Deadline: October 02, 2022 (up to 23:59 hrs) • Online link: Registration Form Link (or QR Code on Right) • Notification of Selected Candidates: Oct 04, 2022 	
IMPORTANT NOTE		
Number of participants is limited to 30 and selection will be solely based on the screening process of the documents (CV, Statement of Interest, etc.) submitted by the participant. The train/bus fare by the shortest route will be reimbursed to the selected outstation participants.		
STEERING COMMITTEE	COORDINATORS, BANASTHALI VIDYAPITH, RAJASTHAN	
<ul style="list-style-type: none"> • Prof. Sunil Rai, Vice Chancellor, UPES, Dehradun • Prof. Ina Shastri, Vice Chancellor, Banasthali Vidyapith, Rajasthan • Prof. Ram Sharma, Pro-Vice Chancellor, UPES 	<ul style="list-style-type: none"> • Prof. D. K. Avasthi, Dean, R & D, UPES • Prof. G. S. Virk, Dean, SoE, UPES 	<ul style="list-style-type: none"> • Dr. Parvez Ahmad Alvi (PMU Coordinator) • Dr. Saral Kumar Gupta (Coordinator) • Dr. C M S Negi (Coordinator)
CONVENER	CO-CONVENER	
<ul style="list-style-type: none"> • Prof. Ranjeet Kumar Brajpuriya, Head, Applied Science Cluster • Prof. Ankush Vij, Applied Science Cluster 	<ul style="list-style-type: none"> • Prof. Santosh Dubey, Applied Science Cluster • Dr. Ashish Kumar, Applied Science Cluster 	
CONTACT US	HOW TO REACH UPES	
<p>Prof. Ankush Vij Applied Science Cluster</p> <p>For any Queries: event_asc@ddn.upes.ac.in Contact details: 9650122015, 9718686667</p> <p>For more details, kindly visit http://stutiupes2022.com/</p>		
		