

Swami Ramanand Teerth Marathwada University, Nanded

Organizes

Synergistic Training program Utilizing the Scientific and Technological Infrastructure (STUTI)

Supported by

**Department of Science and Technology,
Ministry of Science and Technology, Government of India, New Delhi.**

In collaboration with

Shivaji University, Kolhapur, Maharashtra



About Swami Ramanand Teerth Marathwada University:

Swami Ramanand Teerth Marathwada University, Nanded, established on September 17, 1994, caters to the southern part of the Marathwada region of Maharashtra covering four districts namely, Nanded, Latur, Parbhani and Hingoli. University has 14 Schools on campus, 4 schools at sub-campus, Latur and a sub-campus at Parbhani; a constituent college New Model Degree College at Hingoli and academic and research centres like Dr. Babasaheb Ambedkar Chair and Study Centre, Shri Guru Govind Singhji Adhyasan Sankul and Research Centre, Women's Study Centre at the main campus and Late Uttamrao Rathod Tribal Development and Research Centre at Kinwat. University has 300 plus affiliated colleges under its jurisdiction offering 146 programmes with student strength of 1.63 lakhs and 4000 plus students through distance education mode offering programs in science and technology, humanities, commerce and management and interdisciplinary studies. University hosts more than 70 foreign students across five countries. University received financial assistance from RUSA, DST, UGC, etc. for development of academic infrastructure amenities, research and extension activities. Teachers have invented, patented and commercialized many ideas. Teachers have got research projects worth Rs. 12.5 crores, whose academic and social value is remarkable. Teachers and students have many publications in peer reviewed journals to their credit and received recognition at the national and international level. University has a Centre of Excellence in Seismology, advanced research instrumentation facilities, collaboration with Inter-University Centre for Astronomy and Astrophysics and MoUs with national and international institutions.

About STUTI:

STUTI stand for Synergistic Training program Utilizing the Scientific and Technological Infrastructure Program funded by the Department of Science & Technology (DST), Government of India. The Scheme is intended to human resource and its capacity building through open access to S & T Infrastructure across the country by organizing training program on DST supported R&D equipment targeting Scientists/Professors/PhDs and PDFs actively involved in research across various institutions in the country.

About Shivaji University:

Shivaji University, established on 18th November, 1962, Various science departments of Shivaji University are well equipped with different sophisticated instruments and laboratory infrastructures procured using funds from various funding agencies such as TEQIP I & II, DST-PURSE I & II, DST-FIST I & II, SAIF, UGC-SAP I & II, UGC DRBS, MHRD RUSSA Centers for Alternative Medicine, Nanofabrics and VLSI Design, DBT-IPLS, RGSTC, Erasmus

Mundus+ (EU projects), MHRD PMMNMTT Centre for Cyber Security & Data Science, DBT-BUILDER etc. STUTI project is sanctioned by DST, New Delhi to SUK worth Rs. 2.25 crore for organizing training programs on various sophisticated instruments..

Course Contents:

The main theme of this training program is to aware of the participants regarding the sophisticated instruments or characterization such as Morphological Characterization Technique (TEM, HRTEM, and AFM), Compositional Characterization Technique (ICP-OES, GCMS-MS, and XPS), Structural Characterization Technique (XRD, Raman, FTIR, Particle Size Analyzer with Zeta Potential, and TGA-DTA-DSC) and Antenna Testing & Microwave Application (VNA) etc. The training program includes theory lectures as well as Demonstration/Hands on Training on the sophisticated instruments throughout the program.

Goal of STUTI Program:

- The participants will understand and familiarize with the various sophisticated instruments supported by DST, GoI and other funding agencies.
- The participants will get skill based knowledge about the handling of various sophisticated instruments and characterization techniques and its analysis.
- The participants get acquainted with the sophisticated instruments and characterization tools to design and implement for appropriate strategies for research work.

Eligibility:

- Person of Indian origin
- Minimum qualification should be post-graduate (Science/B. Tech.)
- Professor/Scientist/Post-doc fellows/Ph.D. fellows/Industry persons who are actively involved in research and development (R & D)
- Not more than three people from one institute

Registration Procedure:

- Interested candidates have to fill the online form (link given below) on or before 20/07/2022.
- Candidates will be selected according to eligibility and available seats. The confirmation of selection will be communicated to the selected candidates on 22/07/2022 by email.

General Information:

- Registration Kit, Course material and Certificate of participation will be provided to the participants.
- Local Hospitality (accommodation & Meal) will be provided. The train fare (as per actuals) by shortest route will be reimbursed to the selected outstation participants. Participants are encourage to bring their samples if any, for hands on analysis during the program.

Special Talk Series with Hands-on Training/Demo on Sophisticated instruments.

Registration Link: <https://forms.gle/Qv8PAWnbTrxodSmv5>

Last date of Registration: 20/07/2022

Confirmation of Selection: 22/07/2022



QR Code Scan to Registration

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