

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

Central Laboratory for Instrumentation and Facilitation (CLIF)

University of Kerala, Thiruvananthapuram

October 10-16, 2022

In collaboration with

Shivaji University, Kolhapur, Maharashtra

Supported by

Department of Science and Technology

Ministry of Science and Technology, Government of India



University of Kerala:

University of Kerala was established in 1937 as the University of Travancore in the erstwhile princely state of Travancore. The University has climbed the heights of excellence during the past eight decades and has recently been re-accredited by NAAC in the third cycle with A++ grade (3.67/4). The University has twin campus spread over a total area of about 350 Acres and housing 43 departments. The University is one of the major higher education hubs in southern India engaged in research and development activities in the frontier areas of science and technology.

CLIF

The institution is a state-of-the-art scientific instrumentation and computation facility centre set up during 2015-2016. This centre, one of the largest facilitation centres in the State, lends its support to the research activities of the University Departments, other institutions under University of Kerala and Research Institutions and Industries nationwide. The centre houses a broad spectrum of equipment for performing a diverse range of analyses in many areas of modern science and technology

About STUTI:

The STUTI Scheme, funded by the DST, Government of India, is intended to build human resource and its knowledge capacity through open access to S & T Infrastructure across the country by organizing training programs on DST supported R&D equipment, targeting researchers across various institutions in the country.

About Shivaji University:

Shivaji University, established on 18th November 1962 has 276 affiliated colleges with 40 post-graduate departments. The University is accredited with NAAC 'A++' grade with CGPA 3.52 in its fourth cycle of re-accreditation in 2021. Various science departments of Shivaji University are well equipped with different sophisticated instruments and laboratory infrastructure procured using funds from various funding agencies. STUTI project is sanctioned by DST to Shivaji University worth Rs. 2.25 crore for organizing training programs on various sophisticated instruments

Course Content:

The main theme of this training program is to familiarize the participants with sophisticated instruments for characterization such as **XPS, PXRD, NMR, XRF, SEM, Confocal Microscope, AFM, ICPMS, TGA/DTA, LCMS, Raman Microscope and FTIR spectrometer**. The training program includes theory lectures as well as demonstration/hands on training on the sophisticated instruments by experts in the field.

Goal of STUTI Program:

- The participants will understand and familiarize with the various sophisticated instruments supported by DST and other funding agencies.
- The participants will get skill based knowledge about handling the sophisticated instruments and characterization techniques.

Eligibility:

- Participants should be Indian Citizens.
- Assistant/Associate Professors/Professors/Scientists/Post Doctoral Fellows/ Research Scholars/M. Tech. students who are actively involved in the field of basic or allied sciences or engineering.
- Industry professionals who are actively involved in R&D

Registration Procedure:

- Interested candidates will have to submit the online form (link given below) on or before 27/09/2022.

General Information:

- Registration for the training program is free.
- Registration kit, Course material and Certificate of participation will be provided to the participants.
- Free accommodation will be provided to outstation participants.

Registration link: <https://forms.gle/duYpno5DDcd2J7CD8>

Website: <https://www.keralauniversity.ac.in>

Contact us: 9847314237, 8590324588

Last date of Registration: 27th September 2022

Chief Patron:

Prof. V. P. Mahadevan Pillai
Hon'ble Vice Chancellor, University of Kerala

Patrons:

Prof. P. P. Ajayakumar
Hon'ble Pro - Vice Chancellor, University of Kerala
Adv. K. H. Babujan
Member Syndicate, University of Kerala
Dr. S. Naseeb
Member Syndicate, University of Kerala

Program Advisory Committee:

Prof. R.G. Sonkawade
SAIF-CFC DST Centre, Shivaji University (STUTI Coordinator)
Prof. K. G. Gopchandran
Department of Optoelectronics, University of Kerala
Prof. S. M. A. Shibli
Dean, Faculty of Science, University of Kerala
Prof. Manoj Changhat
Dean, Faculty of Applied Science, University of Kerala

Program Committee:

Prof. G. M. Nair
Director, CLIF (Chairman)
Prof. Sam Solomon
Department of Optoelectronics, University of Kerala (Coordinator)
Dr. Subodh G.
Joint Director, CLIF (Organizing Secretary)

