



# Pondicherry University

Organizes

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

From 17/10/2022 to 23/10/2022

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 Pondicherry University:

Pondicherry University is a Central University established by an Act of parliament in October 1985. The University is located on the Coromandel Coast, 160Kms, south of Chennai, 10kms from the town of Puducherry, in a serene and beautiful campus of 800 acres adjoining the scenic Bay of Bengal. It is an affiliating University with a jurisdiction spread over the Union territory of Puducherry, Lakshadweep and Andaman and Nicobar Islands, the art higher education and research that match global benchmarks by providing access, resources and opportunities, to become an institution of global eminence and to adopt to ever-changing needs of the society and industries. The University's motto is 'Vers la lumiere' meaning 'towards the light'

The Central Instrumentation Facility (CIF) was started in Pondicherry University with a mission to enrich the resources on a shared basis for promoting R & D technological infrastructure to carry out and to strengthen advanced research in various science disciplines under one roof.

### 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 has 276 affiliated colleges with 40 post-graduate departments. Recently, accredited with NAAC 'A++' grade with CGPA 3.52 in its forth cycle of reaccreditation 2021. 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 DRS, MHRD RUSSA Centers for Alternative Medicine, Nanofabrics and VLSI Design, DBT-IPLS, RGSTC, Erasmus Mundus+ (EU projects), MHRD PMMNMT 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 (SEM, HRTEM, and AFM), Compositional Characterization Technique (ICP-OES, GCMS-MS, and XPS), Structural Characterization Technique (NMR, XRD, Raman, FTIR, Particle Size Analyzer with Zeta Potential, and TGA-DTA-DSC) 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:

- Participants should be Indian Citizen.
- Assistant/associate professors/Professors/Scientists/Post Doc. Fellows/ Ph.D. Fellow and /or B. 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 have to fill the online form (link given below) on or before (30/09/2022). (No registration fee)
- Only 3 participants will be selected from one organization
- Candidates will be selected according to eligibility and available seats. The confirmation of selection will be communicated to the selected candidates on (05/10/2022) 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://docs.google.com/forms/d/1MV68hD6uXCVRM0KqRut6NNxDbjZhx5GA3sQAA1QoZJg/edit>

Last date of Registration: 30/09/2022

Confirmation of Selection: 05/10/2022



#### Chief Patron

Prof. Dr. Gurmeet Singh  
Vice Chancellor, Pondicherry University  
Website: [www.pondiuni.edu.in](http://www.pondiuni.edu.in)

#### Advisory Committee

- Prof. Dr. K. Tharanikkarasu, Director (i/c) SEI&RR, PU.
- Prof. Dr. R. G. Sonkawade, Coordinator STUTI Program, Shivaji University, Kolhapur.
- Prof. Dr. E. Arunan, IISC- Bangalore.
- Prof. Dr. M. S. Pandian, Dean, SOPCAS, PU

#### Contact Us:

##### Programme Coordinators

- Prof. Dr. C. Sivasankar , Mobile: 9442669711
- Er. R. Elumalai, Mobile: 9360420029  
email: [head.cif@pondiuni.edu.in](mailto:head.cif@pondiuni.edu.in),  
[service.cif@pondiuni.edu.in](mailto:service.cif@pondiuni.edu.in).