



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



organized by

Sophisticated Analytical Instrument Facility (SAIF) and University Scientific Instruments Center (USIC), Karnatak University Dharwad

KARNATAKA, INDIA

“JANUARY 9-15, 2023”

In collaboration with

Shivaji University, Kolhapur, Maharashtra

Supported by



Department of Science and Technology, Ministry of Science and Technology, Government of India.

## About Organizing University/Institute:

Karnatak University Dharwad (KUD) is the oldest and most sought after University in northern Karnataka for Higher Education. The city of Dharwad is known as Vidyakashi (Benares of knowledge). There are 51 Departments in the Campus that spread over 880 acres.

Over the years, The University has been awarded with the coveted 'University with Potential for Excellence' (UPE) by the University Grants Commission with a financial assistance of Rs. 50 crores for undertaking research activities and development of campus amenities. KUD has grown impressively since its inception. Excellent research performance of KUD is recognized and supported by various funding agencies viz., UGC, DST, RUSA, DBT, BRNS, State and Central Govts, etc,

SAIF and USIC are multidisciplinary Research and Educational core facilities started with the initial support of DST and UGC, respectively. Multi-purpose cluster of sophisticated analytical instruments are housed at these centers which serve the community of PG students, Research Scholars and Faculty of Science Departments of KUD and other academic Institutes/Research labs/Organizations.

## About STUTI:

STUTI stands for 'Synergistic Training Program Utilizing the Scientific and Technological Infrastructure' funded by the 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, Kolhapur, established on 18<sup>th</sup> November, 1962 has 276 affiliated colleges with 40 post-graduate Departments. Recently, accredited with NAAC 'A++' grade with CGPA 3.52 in its 4<sup>th</sup> cycle of re-accreditation in 2021. Various Science Departments of Shivaji University have necessary infrastructure and well equipped with sophisticated instruments procured using grants from various funding agencies. STUTI Project worth of Rs. 2.25 crore was sanctioned by DST, New Delhi to SUK for organizing training programs on various sophisticated instruments.

## Course Contents:

The main theme of this training program is to bring awareness among the participants regarding the sophisticated instruments for structure elucidation, analysis and other applications of scientific instruments viz., 400 MHz FT NMR, SEM with EDS, Powder X-ray diffractometer, CD Spectrometer, Single X-ray Crystallographic diffractometer, FT-IR Spectrometer, TGA-DTA, Spectrofluorometer, AAS etc. The training program involves both lectures and hands on training/demonstration of the sophisticated instruments by Experts/Technical Staff.

## Goals of STUTI Program:

- The participants will understand and familiarize with the various sophisticated instruments supported by DST, GoI and other funding agencies available for research.

- The participants will get skill based knowledge about the handling of the sophisticated instruments and characterization techniques.
- The participants get acquainted with the sophisticated instruments and characterization tools that will help the participants to design appropriate strategies for their research work. Interactions with other participants and resource persons will help in collaborative research.

## Eligibility:

- Participants should be Indian Citizens.
- Assistant/Associate Professors/Professors/Scientists/Postdoc.Fellows/Ph.D Students/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 are required to fill the online form (link given below) on or before **13/12/2022**.
- Candidates will be selected based on eligibility and available seats. The confirmation of selection will be communicated to the selected candidates by 15/12/2022 by email. Only 3 participants are allowed from one Institute or Industry.

## General Information:

- Registration for the training programme is free.
- Registration Kit, Course material and Certificate of participation will be provided to the participants. Participants may bring their samples if any, for hands-on analysis during the program.
- Free accommodation will be provided to outstation participants at Karnatak University Guest House.
- The bus/train fare (III tier AC or equivalent) by shortest route will be reimbursed to the outstation participants on submission of original tickets.

## Chief Patron:

Prof. K. B. Gudasi, Hon'ble Vice Chancellor, KUD

## Patrons :

Shri. Yashpal Kshirsagar, IFS, Registrar(Admin), KUD

Prof. C. Krishnamurthy, Registrar (Evaluation), KUD

Dr. Sudesha. S, Finance Officer, KUD

## STUTI Program Coordinator

Prof. R.G.Sonkawade, Coordinator,SAIF, Shivaji University, Kolhapur

## Programme Committee:

**Convener: Prof. J. Seetharamappa, Head, SAIF & Director, USIC, KUD**

## Co-conveners:

Dr. Praveen Kumar S.K. Dept of Biochemistry, KUD

Dr. Srinath B. S. Dept of Zoology, KUD

## Scientific Programme Committee

**Technical Staff of SAIF &USIC** (Mr Shivakumar Myagoti, Mr Ganesh Kunderagi, Mrs Bharathi, Mr S Y Hipparagi, Mr Pavan Bennur, Mr Rajanagouda Shivalli, Mr Akash Badami

Special Talk Series with Hands-on Training/Demo on Sophisticated Instruments

Registration Link: <https://forms.gle/SkC7Cs2wjgEDD9JD9>

Last date of Registration: 13/12/2022

Confirmation of Selection: 15/12/2022

Contact Us: 7795799950/9886190990/9448590689

[stutiworkshopkud@gmail.com](mailto:stutiworkshopkud@gmail.com)



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