



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY
Govt. of India

SANT GADGE BABA AMRAVATI UNIVERSITY

Organizes

Date : 17th – 23rd January, 2023

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

Sponsored by

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

In collaboration with

Shivaji University, Kolhapur (Maharashtra)

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



Last Date of Registration : **16/12/2022**

Confirmation of Selection : **28/12/2022**



Scan for Apply

Contact Us : Program Coordinator

Prof. Varsha N. Nathar

Professor & Head, Dept. of Botany,
Coordinator, STUTI Program,
Sant Gadge Baba Amravati University, Amravati
Mobile : 9422962887
varshanathar@sgbau.ac.in / hodbotany@sgbau.ac.in

Prof. Prashant A. Gawande

Professor, Dept. of Botany &
Director, Central Instrumentation Cell,
Co-coordinator, STUTI Program,
Sant Gadge Baba Amravati University, Amravati
Mobile 9403622568 prashantgawande@sgbau.ac.in

About Sant Gadge Baba Amravati University



Sant Gadge Baba Amravati University (formerly Amravati University) established on 01st May, 1983 with the vision of creating a human resource capable of converting challenges into opportunities through higher teaching-learning process towards making of the learners; the ideal citizens, the academic leaders and the global entrepreneurs to represent the Leader India in the 21st Century. The University pays special attention towards educational up-liftment of the backward and the downtrodden. It is noteworthy to state that the University has a lush green campus of 447 acres with 398 affiliated colleges across five districts, 33 post graduate teaching departments, a conducted Model Degree College at Buldana and four Faculties satisfying the knowledge appetite of the students. Most of science departments are well equipped with sophisticated instruments by obtaining funds from agencies viz. DST – FIST, UGC – SAP I & II, RUSA, MoE (MHRD), DRDO, RGSTC, DAE, DBT, UGC, AICTE, etc. The university have Central Instrumental Cell.

About STUTI :

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 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 the participants regarding the sophisticated instruments or characterization such as Morphological Characterization Technique, Compositional Characterization Technique (GC), Structural Characterization Technique (XRD, FTIR, Particle Size Analyzer with Zeta Potential and STA) and Antenna Testing & Microwave Application (VNA), Gene Sequencing (Gene Sequencer), Molecular Characterization (RTPCR), Analytical (HPLC, HPTLC) 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 on or before (16/12/2022).
- Candidates will be selected according to eligibility and available seats. The confirmation of selection will be communicated to the selected candidates on (28/12/2022) 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 upto AC 3 tire. Participants are encourage to bring their samples if any, for hands on analysis during the program.

Patrons



Prof. Dileep N. Malkhede

Vice Chancellor
Sant Gadge Baba Amravati University



Prof. Vijaykumar S. Chowbe

Pro – Vice Chancellor
Sant Gadge Baba Amravati University

Organising Committee

Prof. S. V. Dudul

Dean, Faculty of Science & Technology,
Sant Gadge Baba Amravati University, Amravati

Prof. R. G. Sonkawade

Head, SAIF & Coordinator, STUTI,
Shivaji University, Kolhapur

Prof. P. A. Wadegaonkar

Professor & Head, Dept. of Biotechnology &
Director, UGC – HRDC, Sant Gadge Baba Amravati University

Prof. B. A. Bhanvase

Professor & Head, Dept. of Chemical Engineering,
Laxminarayan Institute of Technology, Nagpur

Dr. T. R. Deshmukh

Registrar, Sant Gadge Baba
Amravati University, Amravati

Dr. N. A. Koli

Finance & Accounts Officer,
Sant Gadge Baba Amravati University, Amravati

Technical Committee

Dr. A. S. Patil

Dept. of Biotechnology,
Sant Gadge Baba Amravati University

Dr. M. M. Kodape

Dept. of Chemistry,
Sant Gadge Baba Amravati University

Prof. S. D. Pachpande

Dept. of Computer Science,
Sant Gadge Baba Amravati
University, Amravati

Dr. N. A. Ghanwate

Dept. of Microbiology,
Sant Gadge Baba
Amravati University, Amravati

Dr. V. S. Dhoran

Dept. of Botany,
Sant Gadge Baba
Amravati University, Amravati

Hospitality Committee

Dr. Sanyogita Deshmukh

Dept. of Home Science,
Sant Gadge Baba Amravati University, Amravati

Dr. Anuradha Deshmukh

Dept. of Home Science,
Sant Gadge Baba Amravati University, Amravati

Dr. H. P. Nandurkar

Dept. of Zoology,
Sant Gadge Baba Amravati University, Amravati

Dr. N. B. Selukar

Dept. of Chemical Technology,
Sant Gadge Baba Amravati University, Amravati

Program Coordinator

Prof. Varsha N. Nathar

Professor & Head, Dept. of Botany,
Coordinator, STUTI Program,
Sant Gadge Baba Amravati University, Amravati
Mobile : 9422962887
varshanathar@sgbau.ac.in / hodbotany@sgbau.ac.in

Prof. Prashant A. Gawande

Professor, Dept. of Botany &
Director, Central Instrumentation Cell,
Co-coordinator, STUTI Program,
Sant Gadge Baba Amravati University, Amravati
Mobile 9403622568 prashantgawande@sgbau.ac.in