



Babasaheb Bhimrao Ambedkar University, Lucknow

Organizes

One Week Training program on DST Supported Advanced Research Instrumentation

August 22-29, 2022

under STUTI Program

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

In collaboration with
Shivaji University, Kolhapur, Maharashtra.



Chief Patron

Prof. Sanjay Singh
Vice-Chancellor
BBAU, Lucknow

Patron

Prof. Shubhini A. Saraf
Dean, R & D,
BBAU, Lucknow

Coordinator

Prof. B. C. Yadav
Head, Department of Physics &
Director, USIC, BBAU, Lucknow

About BBAU:

Babasaheb Bhimrao Ambedkar University was established by an Act passed by the parliament (No. 58 of 1994). The University came into existence on 10.01.1996 vide GOI, Ministry of HRD, Education Department Notification No. 8-16/GOI/desk/U-1 dated 05.01.1996. The basic philosophy and policies of the University are spelt out and enshrined in the University Act and Statutes. The University offers graduate and post-graduate students the knowledge and skills needed to succeed as persons and professionals, and the values and sensitivity necessary to serve the society. The University distinguishes itself as a socially responsible learning community of high quality scholarship and academic rigor sustained by social justice and equity principles for which Babasaheb Bhimrao Ambedkar worked during his lifetime. The University draws from the cultural, intellectual and economic resources of Uttar Pradesh and other states to enrich and strengthen its educational programs.

About STUTI:

STUTI stands for Synergistic Training program Utilizing the Scientific and Technological Infrastructure 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.

Goal of STUTI Program:

- The participants will understand and familiarize with 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.

Course Contents:

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

Eligibility Criteria for Participants of the Training Program:

- Person of Indian origin;
- Minimum qualification should be Post Graduate (Science) or B.Tech. (Technology)
- Professors/ Scientists/ Post-Doc Fellows/ Ph.D. Fellows/ Industry persons who are actively involved in research and development (R&D);
- Not more than 3 people from one institute per training would be allowed from outside the host institute.*

Registration Procedure:

- Interested candidates have to fill the online form (link given below) on or before **(24/07/2022)**.
- Candidates will be selected according to eligibility and available seats. The confirmation of selection will be communicated to the selected candidates on **(27/07/2022)** by email (headdap2010@gmail.com).

General Information:

- There is **no registration fee**.
- Mode of the training program is held on **offline mode**.
- Number of participants is limited to 30** and selection will be based on a screening process of their resume.
- Registration Kit, Course material and Certificate of participation will be provided to the participants.
- Local Hospitality (Accommodation & Meal) will be provided. The train fare (**AC 3-Tier**) by shortest route will be reimbursed to the selected outstation participants.
- Participants are encouraged to bring their samples if any, for hands-on analysis during the program*.
(* conditions apply)

Special Talk Series with Hands-on Training/Demo on Sophisticated instruments at USIC and Dept. of Physics

Registration Link: <https://forms.gle/H3L1pMdbv8bTXp1P8>

Last date of Registration: **24/07/2022** Confirmation of Selection by mail: **27/07/2022**

Venue: **Conference Hall, Old Administrative Building, BBA University, Lucknow-226025, U.P., India**



NO REGISTRATION FEE

Registration Deadline : **24/07/2022**

Duration of Course : **August 22-29, 2022**

Mode of Training Programme : **OFFLINE**

Program Coordinators:

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Dr. Ramesh Chandra, Dr. Anil Kumar Yadav and Dr Ajeet K. Maurya (Treasurer)

For further queries, feel free to contact us on:

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