

JATCBS-2022

ABOUT SVNIT

Sardar Vallabhbhai National Institute of Technology (SVNIT) was established in 1961 as one of the Regional Engineering Colleges for imparting technical education. In exercise of the powers conferred by section 3 of the University Grants Commission (UGC) Act, 1956, the Central Government on the advice of the University Grants Commission, has declared the Sardar Vallabhbhai Regional College of Engineering & Technology (SVREC), Surat to Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat with status of "Deemed University" with effect from 4th December 2002. The Institute has been granted the status of 'Institute of National Importance' w.e.f. 15th August, 2007. At present, the Institute is offering Six UG Programmes, Eighteen PG Programmes and Five Years Integrated M.Sc (Chemistry, Physics and Mathematics) including doctoral programme in all above branches. The National Institutional Ranking Framework (NIRF) of the Ministry of Education Government of India, has identified SVNIT as one of the best Institute of National importance of Government of India. The SVNIT has excelled tremendously in various research areas in Applied Sciences and Engineering disciplines during the last ten years, and received prestigious awards and grants from various Government bodies. The Institute has received huge grants for research under the prestigious schemes of DST, BRNS, CSIR, UGC-DAE, GUJCOST.

ABOUT DEPARTMENT OF CHEMISTRY

Department of Chemistry is one of the most prominent departments in S. V. National Institute of Technology, Surat, Gujarat, India, started in 1961-62 under the supervision of dedicated faculty members. It offers Five Years Integrated MSc in Chemistry and PhD programs. The academic achievements of the department are well reflected by over 635 research papers published in various reputed International Journals and more than 56 PhD's produced covering a wide spectrum of the chemical sciences. The Department has been the proud recipient of individual research projects sponsored by various funding agencies including DST, CSIR, BRNS, UGC-DAE and GUJCOST to name a few. The department has already organized various STTP, National and International Conferences. The department has produced eminent chemists, Prime Minister's Research Fellow, NET and GATE qualified candidates in addition to generation of trained human resources in different spheres of chemical sciences. Further, several international fellowships (DAAD, RSC Researcher Mobility Grants and Raman-Charpak Fellowship) have been received by the students of Chemistry Department. The department has an outstanding performance in filing the patents and commercializing the innovative work of faculty. For further details:
http://www.svnit.ac.in/web/department/applied_chemistry

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ABOUT JATCBS- 2022

The main aim of this ONLINE Short Term Training Programme on "Journey of Analytical Techniques in Chemical and Biological Sciences (JATCBS-2022)" is to bring together the experts and the young researchers and provide a platform for discussion of recent developments and advances in various analytical instruments for quantitative and qualitative analysis of wide spectrum of molecules in chemical and biological sciences. Further, this programme provides basic understanding and significant knowledge on the recent developments of various analytical techniques i.e., advances in instrumentation, highly portable and comparatively inexpensive, and their wide range of applications in every branch of Science and Technology like life sciences, environment, materials, medicine and forensic science, respectively. Therein this programme will review and highlights the fundamentals of each spectroscopic and microscopic techniques and their applications in chemical and biomolecules analysis which serve as entry to real-world applications in industries, biomedical, pharmaceutical, and chemicals. This programme will compare and contrast differences in samples, instrument principles and operation while detailing the microscopic and spectroscopic information available for qualitative and quantitative assaying of chemical and biomolecules. The deliberations of the programme will cover the following topics: General Analytical Chemistry, Portable Analytical Devices, Analytical Spectroscopy Methods, Microscopic techniques, Miniaturization, and Bioanalytical Methods.

STTP CONTENTS

- Spectroscopic Techniques
- Portable Analytical Devices
- Miniaturized Sample Preparations
- Electron Microscopy
- Fluorescence Microscopy

Certificates

E-Certificates will be provided to all the participants those who have attended all the sessions of STTP. E-certificates will be sent to the participants by email.

RESOURCE PERSONS

Academy experts and scientists from reputed institutes and research laboratories from India and Abroad will deliver lectures.

JATCBS-2022

Online Short Term Training Programme (STTP) on Journey of Analytical Techniques in Chemical and Biological Sciences (JATCBS- 2022) 18th – 22nd April, 2022



Coordinators

**Dr. Naved I. Malek
Dr. Bharat Z. Dholakiya
Dr. K. Suresh Kumar**

Organized by

**Department of Chemistry
S. V. National Institute of Technology
Surat 395 007, Gujarat, India**

**In Association with
CCE, SVNIT, Surat**

JATCBS-2022

REGISTRATION FEE

Category of participants	Amount
Participants from Industry	₹ 500/-
Faculty/ Scientists	₹ 300/-
PhD/MSc/UG Students	₹ 100/-

Registration fee may be sent in the form of a DD or remitted through On-line/NEFT to the Bank account given below. Scanned copy of the DD / Proof of remittance of registration fee (with transaction number if online transaction) shall be attached to the google form.

Bank details of SVNIT Surat is as under:

Bank Name : State Bank of India

Account No : 37030749143

Account Name : Director, SVNIT-CCE

IFSC Code : SBIN0003320

Swift Code : SBININBB

Brach Code : 3320

Bank Branch : SVNIT, Surat Branch

Bank Address : SVNIT Campus, Surat – 395007, Gujarat, India.

➤ How to Apply: Interested candidates can apply online by clicking below link

➤ <https://forms.gle/KE7mdtubhbZBRcZd9>

Alternatively, the participants can send the scanned copies of the Filled Registration Form and Payment Details on the following email id: jatcbs2022@gmail.com

IMPORTANT DATES

Last date of registration :15th April, 2022

Selection-list intimation : 16th April, 2022

Duration of Program : 18th to 22nd April, 2022

For any queries regarding this programme, please contact the coordinator

Dr. Naved I. Malek (M 09033167127)

Dr. B.Z. Dholakiya (M 09428949595)

Dr. K. Suresh Kumar (M 09033369827)

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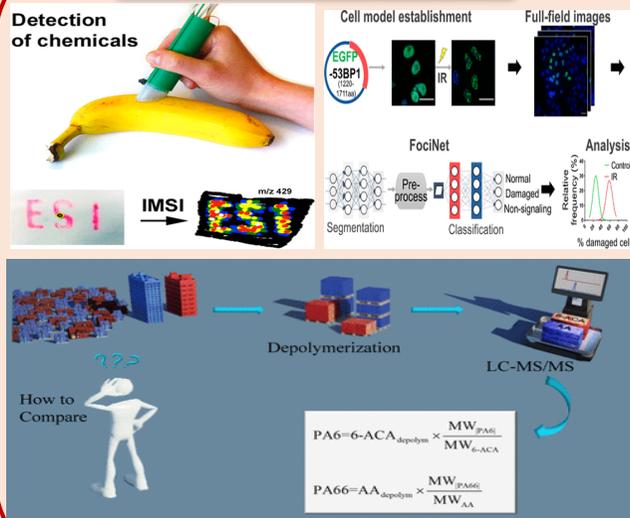
COURSE OBJECTIVES

- To develop interaction between academic institution, industry and researchers.
- To update the participants with the recent developments and advances in Analytical Techniques.
- To enable the participants with fundamental and novel concepts in portable analytical devices.
- To familiarize the participants with the recent miniaturized sample preparation techniques.
- To train the participants in the basic concepts of analytical techniques and their applicability.
- To assist in framing the solution approach for research applications and industrial problems.

WHO CAN ATTEND?

Faculty members/Scientists/Research scholars/PG & UG students/Technicians and Engineers working in Private/Public/ Govt. organizations/chemical industries etc.

THEMES OF JATCBS-2022



JATCBS-2022

ORGANIZING COMMITTEE

Chief Patron

Prof. R. V. Rao, Director, SVNIT, Surat

Patron

Prof. P. L. Patel, Dy. Director, SVNIT, Surat

Coordinators

Dr. Bharat Z. Dholakiya, SVNIT, Surat

Dr. Naved I. Malek, SVNIT, Surat

Dr. K. Suresh Kumar, Head, SVNIT, Surat

DEPARTMENT OF CHEMISTRY



Contact Details

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