



Materials and Thermal Characterization School on Thermal Analysis (STA – 2023)

at

Department of Chemistry

SVNIT, Surat, India

(November 24-25, 2023)



Jointly Organized by

Analytical Chemistry Division, BARC, Mumbai

and

Department of Chemistry, SVNIT, Surat

Under the aegis of

Indian Thermal Analysis Society (ITAS) Mumbai

**School on Thermal Analysis
(STA – 2023)**





THERMAL ANALYSIS

Dilatometry

Thermo –
Gravimetric
Analysis

Differential
Scanning
Calorimetry

Differential
Thermal
Analysis

Thermo –
Electro-
metry

Thermo –
Mechanical
Analysis

Dynamic
Mechanical
Analysis

Thermo –
Magneto –
metry

Evolved
Gas
Analysis

Thermo –
Opto –
metry

Important Dates

Pre – registration Date:	November 15, 2023
Last Date of Registration:	November 20, 2023
Payment of registration fees:	November 20, 2023

Address for Correspondence

Dr. C.N. Patra

Chairman, STA-2023,
Analytical Chemistry Division,
Bhabha Atomic Research Centre,
Trombay, Mumbai - 400085, INDIA
Tel.: +91-22-2559 0295 (Off.)
Mob.: +91-9820528509
email: chandra@barc.gov.in

Dr. Naina Rajee

Convener, STA – 2023
Analytical Chemistry Division,
Bhabha Atomic Research Centre,
Trombay, Mumbai - 400085, INDIA
Tel.: +91-22-2559 3291(Off.)
Mob.: +91-9969417188
email: nraje@barc.gov.in

Scope of the STA - 2023

Primary goal of the School on Thermal Analysis - 2023 (STA - 2023) is to create awareness among students, researchers, and teachers about different aspects related to the Materials & Thermal Analysis, including thermo-analytical techniques, thermo-analytical measurement and data interpretation, hands-on training, application of thermal techniques, solid state synthesis methods, high temperature material characterization, and related topics. During the workshop, eminent scientists from academic, scientific, and industry will deliver lectures. The lecture notes of the workshop will be made available to the participants of the workshop. The School on Thermal Analysis (STA – 2023) is being conducted with the focus on **“Materials and Thermal Characterization”**. The deliberations during the course will cover the following topics:

- Introduction to Thermal Analysis
- High Temperature Material Characterization
- Thermo-analytical Measurement and Data Interpretation
- Polymer Rheology
- Solid State Synthesis Methods
- Thermodynamic Properties of the materials

The Venue

Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat is a leading technical Institute not only at National level but also at International level for imparting training to manpower as per the needs of technology. This institute was established in 1961 as one of the RECs for imparting technical education. The Institute has been granted the status of ‘Institute of National Importance’ w.e.f. Aug. 15, 2007. At present, the Institute is offering Six UG Programs, Nineteen PG Programs and Three M.Sc. Five Years Integrated Program including doctoral program in all above branches.

Department of Chemistry was established in 1962. It is a dynamic multidisciplinary research department to cater the research and development work in all fields of chemical science and to provide a broad coverage of all branches of chemistry in keeping with the interdisciplinary nature of the subject.

Registration

All the participants of STA - 2023 should get registered in advance by sending pre-registration form duly filled in along with the registration fee by demand draft / Bank Transfer as per the details given below.

Bank Details for Payment	
Beneficiary Name	Indian Thermal Analysis Society
Account No.	0035194759523
Account Type	Current Account
Name of The Bank	State Bank of India
Branch	BARC, Trombay, Mumbai
Branch Code	1268
IFS Code	SBIN0001268

The pre-registration forms may be sent to the **Secretary, STA-2023**. The pre-registration form is provided with this circular. The details of the registration fees are as given below:

Registration Fee	
UG, PG and PhD Students/Research scholars	Rs 250/-
Delegates from University/ Educational Institutions and Government Departments	Rs 500/-
Delegates from Public Sector Undertakings/Industries	Rs 750/-

Accommodation

Accommodation for the delegates will be arranged in the Guest Houses of SVNIT, Surat. Guest house charges will be **Rs 1200/- and 600/-** for single and twin sharing accommodation respectively. Request for accommodation should be made to **Dr. Naved I. Malek, Coordinator, Local Organizing Committee, STA - 2023, before November 15, 2023.**

Travel Assistance

The participants are requested to make their own travel arrangements.

Indian Thermal Analysis Society (ITAS)

The Indian Thermal Analysis Society (ITAS), founded in 1977 under the leadership of late Dr. M.D. Karkhanavala is actively engaged in promoting science and technology of thermal analysis in India. ITAS is a registered public trust with its headquarters in Mumbai. The Society organizes biennial symposia and workshops on thermal analysis, publishes "ITAS Bulletin" including "Thermal Analysis Titles" listing the titles of papers on thermal analysis along with relevant citations. ITAS also supports publication of books and monographs on topics of interest to thermal analysis. Besides, the Society encourages research and development activities in the field of thermal analysis by instituting awards at various levels, which are usually conferred at the time of the biennial symposia. For additional information please see

ITAS website: www.itasindia.org

Pre-registration form: duly filled form should be sent by post or by email to-

Dr. Bhupesh B. Kalekar

Secretary, STA - 2023

Analytical Chemistry Division,

Bhabha Atomic Research Centre, Trombay,

Mumbai - 400085, INDIA

Tel.: +91-22-2559 7031(Off.), Mob.: +91 - 9167737033

Email: bhupkal@barc.gov.in

Request for accommodation: duly filled form should be sent by post or by email to-

Dr. Naved I. Malek

Coordinator, Local Organizing Committee, STA – 2023

Department of Chemistry, SVNIT,

Ichchhanath, Surat - Dumas Road, Surat, Gujarat - 395007

Tel. +91-0261-2201968 (Off.), Mob.: +91-9033167127

Email: navedmalek@chem.svnit.ac.in

Pre - Registration Form

STA - 2023

Department of Chemistry, SVNIT, Surat, INDIA

November 24 - 25, 2023

Name: Mr / Ms _____

Institution: _____

Address for Correspondence: _____

Tel.: (O) _____ (R) _____ Fax: _____

Email: _____

I intend to participate in STA - 2023 and Registration Fees of Rs. _____

through Demand Draft No.: _____

is enclosed/ will be sent shortly⁺.

Date:

Signature

(Photocopy the form if required by others)



Accommodation Application Form

STA - 2023

Department of Chemistry, SVNIT, Surat, INDIA

November 24 - 25, 2023

Name: Mr / Ms _____

Institution: _____

Address for Correspondence: _____

Tel.: (O) _____ (R) _____ Fax: _____

Email: _____

I need accommodation in Guest House / Hotel.

I will be accompanied by:

Date of Arrival:

Date of Departure:

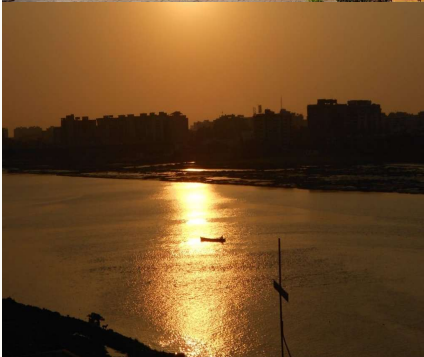
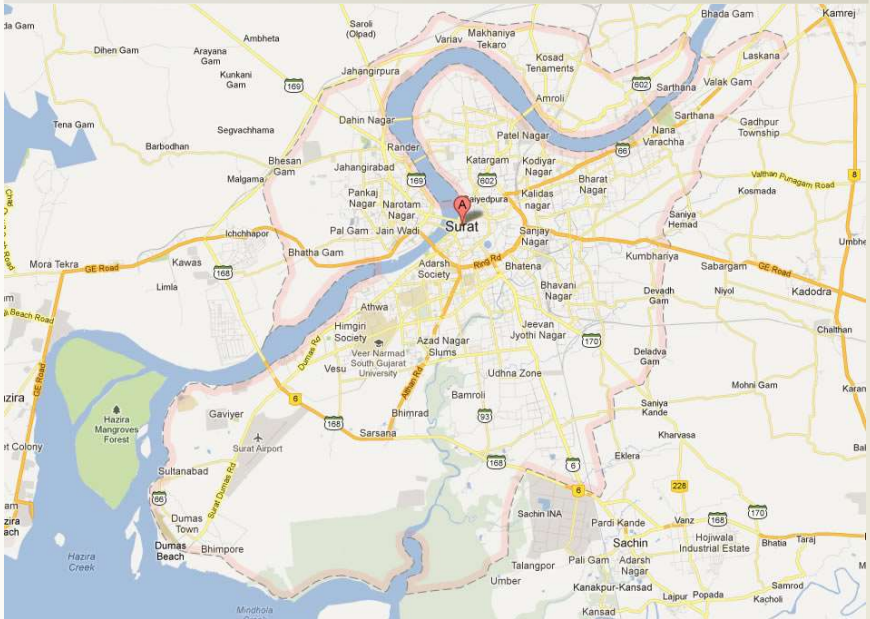
Flight / Train Details:

Signature

** strike out whichever is not applicable*
(Photocopy the form if required by others)



City Map of Surat



STA - 2023 Organizing Committee

A.K Tyagi, Dir, Chem Gr, BARC, Mumbai, India	Patron, STA-2023
C. N. Patra., ACD, BARC, Mumbai, India	Chairman, STA-2023
Naina Raje., ACD, BARC, Mumbai, India	Convener, STA-2023
Bhubesh B. Kalekar, ACD, BARC, Mumbai, India	Secretary, STA-2023
H.N. Jena., IGCAR, Kalpakkam, India Mumbai, India	Member, STA-2023
K.A. Dubey, RTDD, BARC, Mumbai, India	Member, STA-2023
Pradeep Samui, PDD, BARC, Mumbai, India	Member, STA-2023
Ratikant Mishra., ChD, BARC, Mumbai, India	Member, STA-2023
Rimpi Dawar, ChD, BARC, Mumbai, India	Member, STA-2023
Rohan A Phatak., FCD, BARC,	Member, STA-2023
S.M. Bhojne., PDD, BARC, Mumbai, India	Member, STA-2023
Vinita Grover Gupta, ChD, BARC, Mumbai, India	Member, STA-2023
Y. K. Bharadwaj, RTDD, BARC, Mumbai, India	Member, STA-2023

STA – 2023 Local Organizing Committee

Dr. B. Z. Dholakiya, SVNIT, Surat, India	Coordinator, STA-2023
Dr. Naved I. Ma lek, SVNIT, Surat, India	Coordinator, STA-2023
Dr. Suresh Kumar Kailasa, SVNIT, Surat, India	Coordinator, STA-2023

