

ICADT 2021

International Conference

On

Advancements in Design and Tribology

(Diamond Jubilee Celebration Event)

22nd-23rd October, 2021

CALL FOR PAPERS



Organized by:

**Department of Mechanical Engineering,
Sardar Vallabhbhai National Institute of Technology,
Surat, Gujarat, INDIA - 395007**

About the Institution

The institute was initially established as Sardar Vallabhbhai Regional College of Engineering & Technology in 1961 and elevated as a National Institute of Technology in October, 2002. It has been accorded the status of an Institute of National Importance vide NIT Act 2007. SVNIT is one of the pioneering engineering institutions of the country which has nurtured many outstanding engineers in India & abroad. Institute runs seven UG programs, eighteen PG programs, Ph.D. program in all disciplines of engineering and sciences and 5 years integrated M.Sc. programme in Chemistry, Mathematics and Physics. The institute has an excellent placement record with a number of top ranking companies visiting the campus every year.

About the Department

Established in 1961, the department of Mechanical Engineering at SVNIT offers Under Graduate course in Mechanical Engineering and Post Graduate programs in Turbo-machines, CAD-CAM, Mechanical Engineering, Thermal System Design and Manufacturing Engineering. The department also offers Ph.D. programs to promote basic research activities in the abovementioned areas. The consulting services in diverse fields of Mechanical Engineering are carried out for local government, semi-government, non-government organizations, private firms etc. in the region with the support of well-equipped laboratories and advanced computing facilities.

About the Conference

The **International Conference on Advancements in Design and Tribology (ICADT-2021)** will be held as the **Diamond Jubilee Celebration Event** at Mechanical Engineering Department of Sardar Vallabhbhai National Institute of Technology, Surat (India) during **22nd-23rd October 2021**. The conference aims to bring together experts from academic, scientific and industrial communities to address new challenges, present their latest research findings, ideas, developments and perspective of the future directions in the field of Design and Tribology.

Topics

Topics of interest under a particular track include but are not limited to the following:

- Computational Mechanics and Techniques
- Gears and Bearings
- Composites and Advanced Materials
- Mechanical Design and Prototyping
- Failure and Damage Analyses
- Robotics and Automation
- Mechanisms for Energy Harvesting
- Vibration and Structural Dynamics
- Rotor Dynamics
- Reliability of Mechanical Systems in Design
- Power Transmission Elements
- Finite Element Analysis for Mechanical Engineering
- Condition Monitoring and Failure Analysis
- Theoretical and Experimental Analyses in Design Engineering
- Solid Mechanics
- Dynamic Modeling and Faults Diagnosis
- Fatigue and Fracture Mechanics
- Structural Analysis
- Computational Fluids Dynamics
- Acoustics and Noise Control
- Bearing Tribology
- Tribology and Surface Engineering
- Lubrication in Machinery
- Surface Coatings and Treatments
- Friction Evaluation
- Advancements in Tribology, Nano & Bio-Mechanics and MEMS
- CAD/CAM/CAE Technology for Design

Avenue for Post Conference Publication

1. All the accepted and presented papers will be published in conference ICADT-2021 proceedings and it will be published with ISBN.
2. Quality based selected papers with extended version will be considered for the possible publications in SCI/SCOPUS indexed reputed journals.

Accommodation

All the outstation participants will be provided accommodation on payment basis in the Guest House/Hostels of the institute as per the availability. No TA and DA will be paid to the participants.

Important Dates

Paper Submission Opens	June 10, 2021
Paper Submission Closes	August 15, 2021
Notification of Acceptance	September 10, 2021
Early Bird Registration Opens	September 10, 2021
Early Bird Registration Closes	September 30, 2021
Registration Closes	October 10, 2021

Registration

Participants and authors are requested to register on or before **10th October 2021**. It is mandatory to Register at least one author after acceptance of the paper and present it in the ICADT-2021 Proceeding.

Research Paper Submission Link:

<https://easychair.org/conferences/?conf=icadt2021>

Conference Website:

<https://icadt2021svnit.weebly.com/>

Institute Website:

<https://www.svnit.ac.in>

Registration Link:

<https://forms.gle/Yse311R3ZZFg359u7>

Registration Fees

Authors Category	India	Overseas
Industry	INR 8000	USD 150
R&D and Academic Institutions	INR 6000	USD 100
Research Scholars	INR 3000	USD 75
Additional Paper by the same author	INR 2000	USD 25

Submission

For submission of the paper prepare it as per the guidelines available on the website. The paper should be submitted by the **EasyChair link** and submit your paper as per the EasyChair login requirements. The final submission after correction should be submitted to the official email id of the conference.

EasyChair Link: <https://easychair.org/conferences/?conf=icadt2021>

Contact Us

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Conference Email ID: icadt2021@gmail.com**

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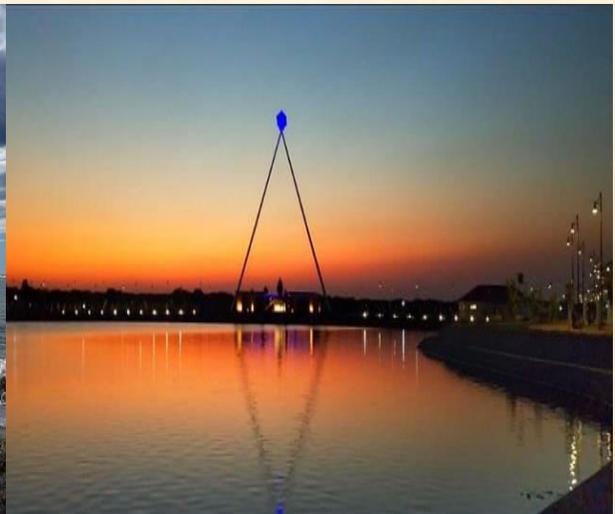
About the City

Surat is a city located on the western part of India in the state of Gujarat. It is one of the most dynamic city of India with one of the fastest growth rate due to immigration from various part of Gujarat and other states of India. The city has a very vibrant economy. It is hub to the diamond and textile industry. In textiles, Surat contributes 40% of the nation's total manmade fabric production, 28% of the nation's total manmade fiber production. There are many SME Domestic IT Companies present in Surat. MNC IT companies like IBM, HCL have satellite or virtual branches in Surat. Several large scale industries & establishments, such as RIL, L&T, ESSAR, etc. are located in and around Surat.

Visiting Places nearby City



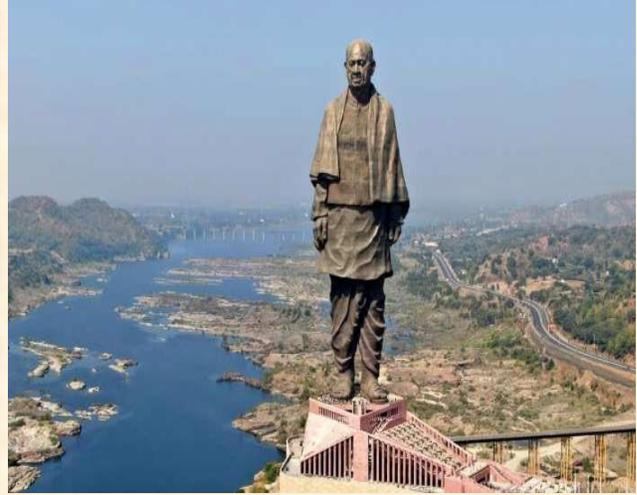
Dumas Beach



Dandi Memorial



Saputara Hill Station



Statue of Unity

How to Reach SVNIT, Surat

SVNIT Surat is located approximately 8.5 km from Surat Airport. It takes 15 minutes travel by car. Airport taxis are available for a comfortable journey. Surat railway station and Surat central bus station are 11.5 km from SVNIT Surat. Auto rickshaw, Ola-Uber service is available at any time of the day.

REGISTRATION FORM
International Conference
on
Advancements in Design and Tribology
(Diamond Jubilee Celebration Event)
22nd-23rd October 2021

Name:

Organization:

Department:

Address for communication:

Contact No.:

Email ID:

Category: Please (√)

Student

Academics

Industrialists

Payment details: Payment should be done online

Name of Beneficiary: **Director SVNIT CCE**

A/C No.: **37030749143**

Nature of Bank Account: **Current Account**

MICR No: **395002012**

IFSC: **SBIN003320**

Bank: **State Bank of India, SVRCET Branch, Surat**

Swift Code(For International Authors)- **SBININBB260**

Amount:

Transaction ID:

Bank:

Date of issue:

Signature