



TEQIP III Sponsored  
**1<sup>st</sup> International Conference**  
**On**  
**Recent Advancements in Design and**  
**Manufacturing**

**17<sup>th</sup> -18<sup>th</sup> April 2020**

**CALL FOR PAPERS**



**Organized by:**

**Department of Mechanical Engineering,**  
**Sardar Vallabhbhai National Institute of Technology (SVNIT),**  
**Surat - 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 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 per cent of the nation's total manmade fabric production, 28 per cent 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.

## HOW TO REACH SVNIT, SURAT

Surat is well connected to other major cities of the country via regular flights. You can also easily get regular trains to Surat from other major cities of the country.

## ABOUT THE CONFERENCE

The 1<sup>st</sup> International Conference on **Recent Advancements in Design and Manufacturing** will be held during 17<sup>th</sup>-18<sup>th</sup> April 2020, at Sardar Vallabhbhai National Institute of Technology, Surat. 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 Mechanical Engineering. **ICRADM-2020** invites all the researchers to participate in conference.

## TOPICS

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

**Design Engineering:** Computing in Applied Mechanics and Product Design, Dynamics and Control of Structures / Systems, Fracture and Failure Mechanics, Solid Mechanics, Differential/Dynamical systems, modeling and Simulation Artificial Intelligence: Fuzzy Logic, Neural Network, Genetic Algorithm, Finite Element Analysis, Advanced Numerical Techniques, Advancements in Tribology, Nano mechanics and MEMS, Robotics.

**Manufacturing/Production Engineering and Surface Engineering:** Casting, Welding, Brazing, Soldering etc. JIT, MRP, Supply Chain Management and Logistics, intelligent Manufacturing System, Rapid Prototyping and Reverse Engineering, Time and Motion Study Quality Control and Reliability, Productivity Improvement, Conventional and Non-Conventional Machining, Ergonomics: Human Factors in Seating Comfort, Coating and Surface Engineering, Advance Materials, Composites, Ceramics, and Polymers Processing.

## Avenue for post Conference Publication

1. All papers will be published in conference proceedings.
2. Selected extended papers will be published in SCOPUS/Google/Copernicus indexed journals.
3. Once the research paper accepted after peer review process, the author required to pay Rs.4200/- (GBP 45) extra for publication in IOP Conference Series: Materials Science and Engineering, Scopus indexed journal in a required format.

## Accommodation

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

## Important Dates

<b>Call for Paper</b>	<b>4<sup>th</sup> December 2019</b>
<b>Last date for Full Paper Submission</b>	<b>1<sup>st</sup> March 2020</b>
<b>Decision on Full Length Paper</b>	<b>20<sup>th</sup> March 2020</b>
<b>Submission of Camera-Ready Paper</b>	<b>1<sup>st</sup> April 2020</b>
<b>Registration Deadline</b>	<b>1<sup>st</sup> April 2020</b>

## Registration

Participants and authors are requested to register on or before 1st April 2020. It is mandatory to Register at least one author after acceptance of the paper and present it in the ICRADM-2020 Proceeding.

**Registration link-** <https://forms.gle/bc4QDy2XCqaB342Z8>

**Easychair Link:** <https://easychair.org/conferences/?conf=icradm2020>

**Website Link:** <https://icradm2020.weebly.com>

## Registration fee

Category	Fee in INR	Fee in USD
Corporate / Industry / Academicians / Faculty	3,500	50
Research Scholars (For SVNIT)	2,000	40
Research Scholars (Other than SVNIT)	3,000	45
B. Tech / M. Tech Students	1,500	35
Listeners	1,000	35

## 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 log in requirements.

**Easychair Link:** <https://easychair.org/conferences/?conf=icradm2020>

## Organizing Committee

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**Dr. P. L. Patel**

Deputy Director, SVNIT,  
Surat

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Assistant Professor, MED

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# REGISTRATION FORM

**TEQIP III Sponsored**

## **1<sup>st</sup> International Conference on Recent Advancements in Design and Manufacturing 17<sup>th</sup> -18<sup>th</sup> April, 2020**

**Name:** \_\_\_\_\_

**Organization:** \_\_\_\_\_

**Department:** \_\_\_\_\_

**Address for communication:** \_\_\_\_\_

\_\_\_\_\_

**Contact No.:** \_\_\_\_\_

**Email ID:** \_\_\_\_\_

**Category: Please (√)**

Student

Academics

Industrialists

**Payment details:** \_\_\_\_\_

**DD/Cheque in favour of “Director SVNIT, TEQIP IRG”, payable at Surat.**

**Amount:** \_\_\_\_\_

**DD/Cheque No.:** \_\_\_\_\_

**Bank:** \_\_\_\_\_

**Date of issue:** \_\_\_\_\_

**Signature**

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