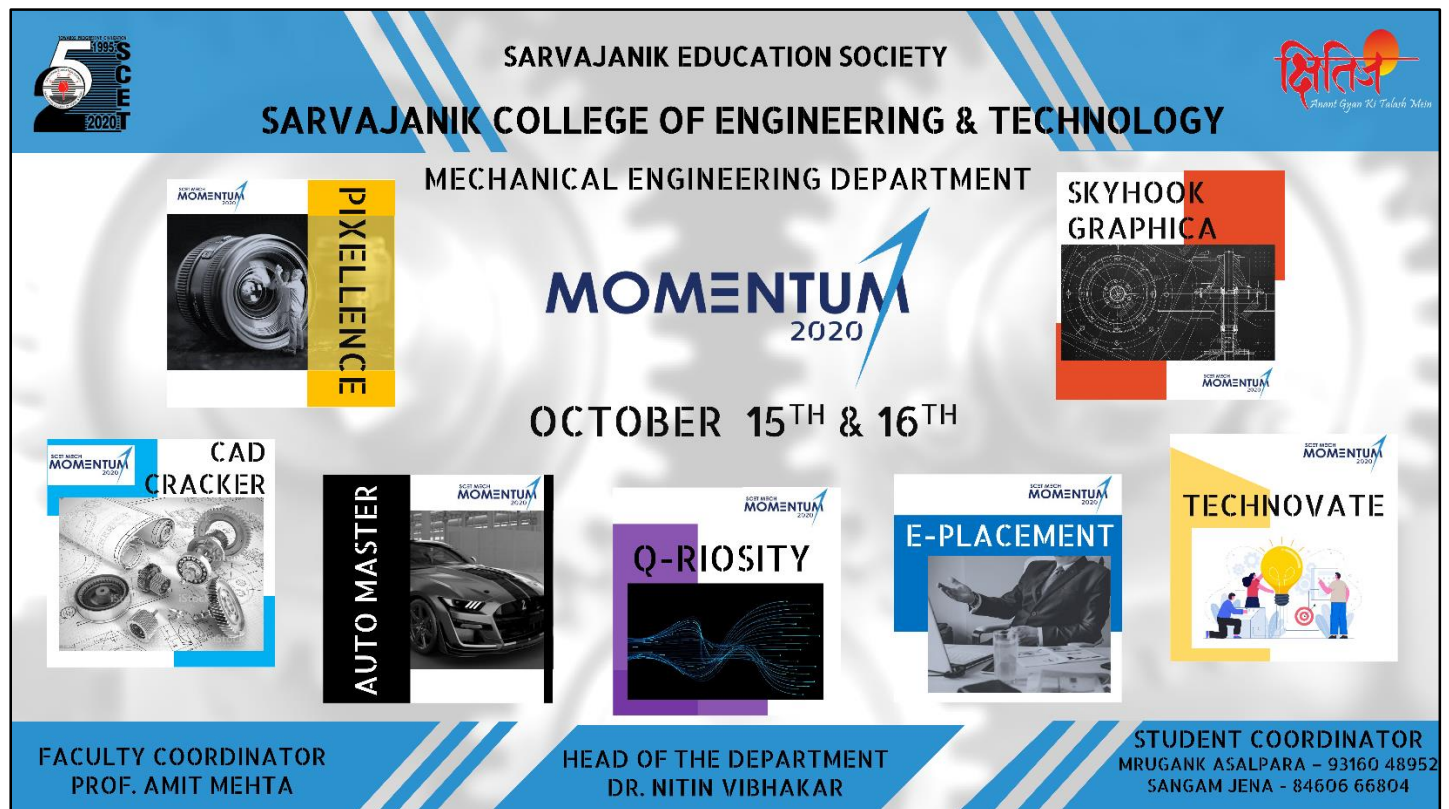


**SARVAJANIK EDUCATION SOCIETY**  
**SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY**  
**MECHANICAL ENGINEERING DEPARTMENT**

**Report**  
**on**  
**‘MOMENTUM 2020’**  
**(Under the banner of Kshitij 2020)**

**Date of event: 15<sup>th</sup> and 16<sup>th</sup> October, 2020**



The banner for the Momentum 2020 event is a collage of various mechanical engineering-themed images and text. At the top, it features the Sarvajani Education Society logo on the left, the text 'SARVAJANIK EDUCATION SOCIETY' and 'SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY' in the center, and the 'Kshitij' logo on the right. Below this, the text 'MECHANICAL ENGINEERING DEPARTMENT' is centered. The main title 'MOMENTUM 2020' is prominently displayed in the center, with a large blue arrow pointing upwards. Below the title, the dates 'OCTOBER 15<sup>TH</sup> & 16<sup>TH</sup>' are written. Surrounding the central text are several smaller images and text boxes: 'PIXELLENC' with a camera lens, 'SKYHOOK GRAPHICA' with a technical drawing, 'CAD CRACKER' with mechanical parts, 'AUTO MASTER' with a car, 'Q-RIOSITY' with a blue wave, 'E-PLACEMENT' with a person at a laptop, and 'TECHNOVATE' with a lightbulb. At the bottom, there are three sections: 'FACULTY COORDINATOR PROF. AMIT MEHTA', 'HEAD OF THE DEPARTMENT DR. NITIN VIBHAKAR', and 'STUDENT COORDINATOR MRUGANK ASALPARA - 93160 48952 SANGAM JENA - 84606 66804'.

**SARVAJANIK EDUCATION SOCIETY**  
**SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY**  
**MECHANICAL ENGINEERING DEPARTMENT**

**MOMENTUM 2020**  
**OCTOBER 15<sup>TH</sup> & 16<sup>TH</sup>**

**PIXELLENC**  
**SKYHOOK GRAPHICA**  
**CAD CRACKER**  
**AUTO MASTER**  
**Q-RIOSITY**  
**E-PLACEMENT**  
**TECHNOVATE**

**FACULTY COORDINATOR**  
**PROF. AMIT MEHTA**

**HEAD OF THE DEPARTMENT**  
**DR. NITIN VIBHAKAR**

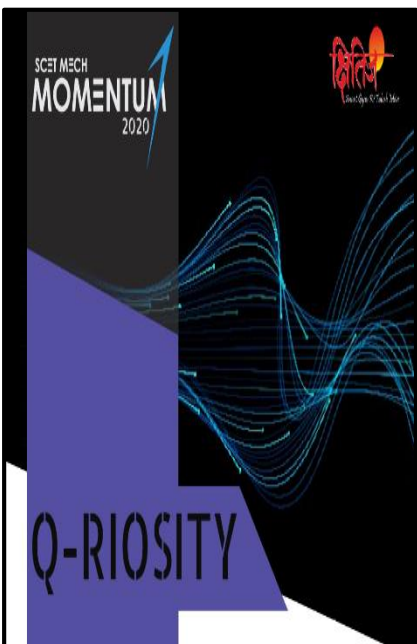
**STUDENT COORDINATOR**  
**MRUGANK ASALPARA - 93160 48952**  
**SANGAM JENA - 84606 66804**

## About the Event:

Mechanical Engineering Department hosted 'Momentum 2020' under the banner of Kshitij E-Techfest 2020 which included bundles of fun-learning technical & Non-Technical events to provide a platform for participants to demonstrate and develop their technical and aptitude skills through a platter of online events.

Last Year we made debut of Momentum 2020. This year we were faced with newer challenges due to the global pandemic but we came out even better and took it one step further by taking momentum online, so all the students as well as teachers had step out from their comfort zone in order to make this happen and their hard-work paid off. We received 460+ Registration from 12 different colleges across Gujarat including SVNIT and also VIT.

The Events were started with a digital Inauguration Ceremony of Momentum 2020 which was held on google meet and participants as well as students showed up in great numbers. The Tech-fest Co-ordinators, Faculty Co-ordinators & Our Beloved HOD Dr. Nitin N. Vibhakar addressed the student and expressed their gratitude and gave their best wishes to Organisers as well as Participants. Overall it was a great and encouraging start of the event for students as well as organisers.



Q-riosity is the event of Momentum 2020 organized by Mechanical Engineering Department, SCET which was designed to give fun and knowledge to students and also to increase curiosity in their mind. Q-riosity event contained quizzes which included questions of basic science and technology, current affairs, reasoning, technical, verbal ability etc.

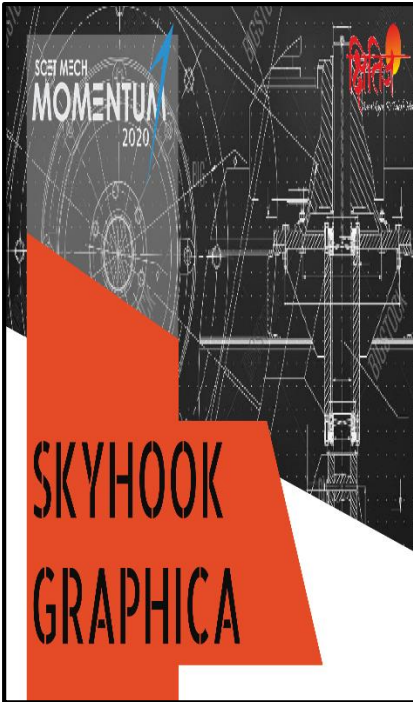
**No. of Registration:** 145

**No. of Participants:** 94

**Faculty Coordinator:** Prof. Umang D. Gajjar

**Student Coordinator:** Rushit Ghetia & Jeel Faldu

**Volunteer:** Jeet Mahida & Sahil Demba



An event designed to test the knowledge of engineering graphics & drawing skills of the participants with objective and drawing based questions. As Engineering Drawing is an important skill for a Mechanical Engineer during their career and because it serves as a strong foundation for learning CAD, this event was organized to challenge and to test the drawing skills of the Participants.

**No. of Registration:** 67

**No. of Participants:** 61

**Faculty Coordinator:** Prof. Dhruvin L. Shukla

**Student Coordinator:** Bhavya Patel & Purav Patel

**Volunteer:** Bhatu Bhaviskar, Yash Pamnani, Vishal Vanikar  
& Ziyen Rangrez



“Technovate” was based on creative thinking and develop innovative idea, this event provided a platform which helped participants to develop project presenting skill, time management and great team work/ team building skill. In this event participants got certain problem statement related engineering and they were told to suggest possible solution in given time period and to present it in front of judges, this event was organized for participants to get more confident about innovation and start-ups.

**No. of Registration:** 37

**No. of Participants:** 32

**Faculty Coordinator:** Prof. (Dr.) Bhumi A. Shah

**Student Coordinator:** Aum Captain & Jemis Golakiya

**Volunteer:** Amal Pillai & Satyam Singh

**Name of Jury:** Prof. (Dr.) Pankaj P. Gohil



“An event designed to give participants an insight and real-life experience of virtual placement providing them with valuable feedback which will be helpful during an actual placement drive by conducting and simulating various stages during a real placement drive which can be written test, Group discussion & Interview.

**No. of Registration:** 76

**No. of Participants:** 65

**Faculty Coordinator:** Prof. Mit D. Desai

**Student Coordinator:** Aayush Mahida & Bhavya Mehta

**Volunteer:** Rushi Kukadia & Jaymin Bhad

**Name of Jury:** Prof. (Dr.) Mahesh Trivedi,

Prof. Satish Dokiparti

Prof. (Dr.) Vivaksha Jariwala



Auto-Master was introduced which was a fun and learning based event which aimed to test the participant's knowledge about the automotive field and its applications. Event featured multiple-choice, true-false and picture quiz type formats to provide a challenge for auto-enthusiasts. Questions related to technical aspects and other subjects like parts in automobiles, its parts etc. were asked. Some of the subjects for questionnaire were History of automobiles, Famous personalities related, New Technologies, Companies/ Brand of vehicle, Vehicle types and specifications, Statistics of vehicles and so on.

**No. of Registration:** 111

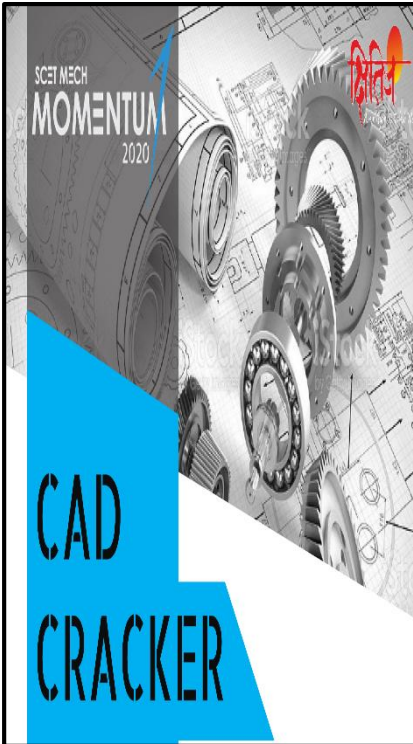
**No. of Participants:** 70

**Faculty Coordinator:** Prof. Nilesh N. Patel

**Student Coordinator:** Rahul Modi & Jitendra Dewasi

**Volunteer:** Mitesh Patel & Jenil Shah





CAD Cracker event was based on CAD software Modelling. CAD provides you the opportunity to test your skills in the field of design. CAD Modelling event is where you bring to light all your designing talent and knowledge about CAD software. The Participants needed to design a figure given in the software. It was down to visualize, comprehend and design the impossible designs. Participants also had to Design a 3-D mechanical model on their computer using software like Fusion 360, Solid works, etc.

**No. of Registration:** 31

**No. of Participants:** 06

**Faculty Coordinator:** Prof. Aniket K. Tandel

**Student Coordinator:** Sahil Rajput & Prayash Jariwala

**Volunteer:** Amrutlal Prajapati & Aman Kapadia



A Non-Technical Event for photography enthusiasts to show off their skills on the theme of Miniature and Monochrome photography.

1. Monochrome: The picture contains various tones of one colour only. For instance, it can be black & white photography (which are various shades of neutral grey).
2. Miniature: Miniature Photography is the idea to integrate true-scale, real-world objects, foods or entities into the miniature world.

**No. of Registration:** 40

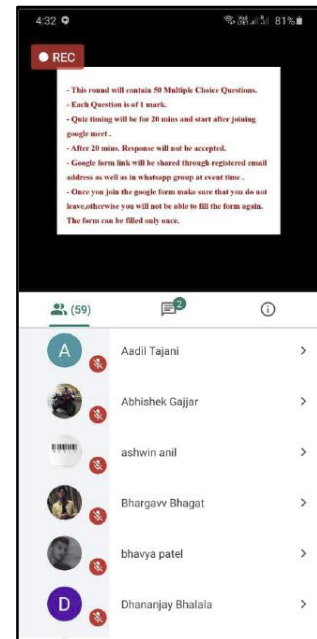
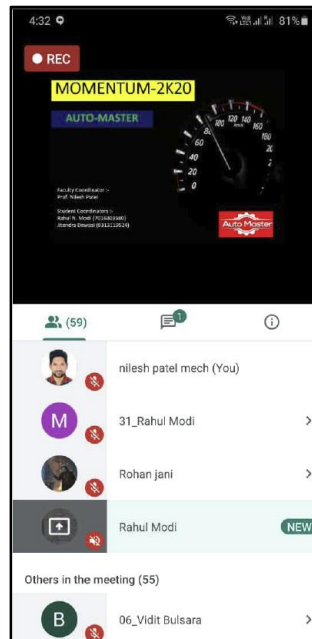
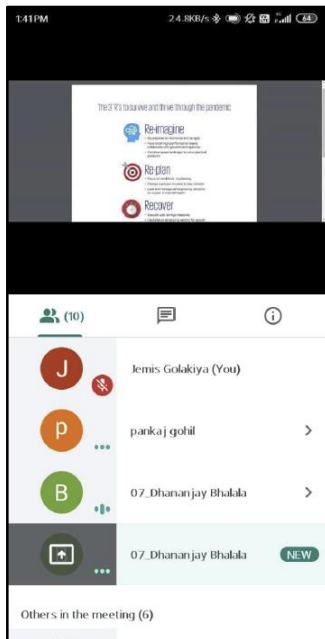
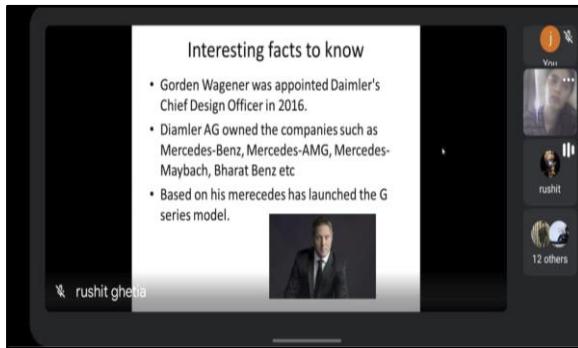
**No. of Participants:** 32

**Faculty Coordinator:** Prof. Satish Dokiarti

**Student Coordinator:** Monil Ansodariya & Fenil Sukhadia

**Volunteer:** Nidhi Jaspura

## Glimpse of the Event



### Summary

Overall we received approximately 350+ participants from all events including team and solo and all the events were successfully carried out online with great feedback from the participants and also participants & winners were provided with e-certificate via e-mail, this could have not been possible without the efforts of Event Co-ordinators and Volunteers under the guidance of respective Faculty Co-ordinators who worked hard day and night to make 'Momentum 2020' a resounding success.

**SCET MECH**  
**MOMENTUM**  
**2020**

