

SARDAR PATEL COLLEGE OF ENGINEERING

PATRONS

Sardar Patel College of Engineering is Government Aided Engineering College established in 1962. The institute is Autonomous and permanently affiliated with the University of Mumbai. It has received a Grade "A" rating from Govt. of Maharashtra and has maintained a proud tradition of excellent academic records by securing high ranks and accreditations. Institute offers B.Tech, M.Tech, and Ph.D. Programs in Civil engineering, Mechanical engineering, and Electrical Engineering. SPCE has successfully completed TEQIP II and TEQIP III projects.



SOCIETY OF AUTOMOTIVE ENGINEERS (INDIA)

SAEINDIA is India's leading resource for mobility technology. As an individual member-driven society of mobility practitioners, the ownership of SAEINDIA wrests with its members who are Individuals from the mobility community, which includes Engineers Executives from Industry, Government Officials, Academics and Students

STUDENT CONVENTION-2023

The Student Convention is a dream project that aims to engage almost every aspiring student. It provides opportunities for skill development and innovation through seven different challenges. These challenges will be conducted online for ease of participation, and the top three winning teams of each challenge will be honored during the physical event of the student convention.

Dr. Sesha Iyer
Chairman BoG
SPCE, Mumbai

Dr. Reji Mathai
Chairman
SAEINDIA WS

Dr. M. M. Murudi
I/C Principal
SPCE, Mumbai

Mr. Ramesh Pasarija
Executive Director
SAEINDIA WS

CONVENTION ADVISORY COMMITTEE

Dr. Reji Mathai
Mr. Sanjay Nibandhe
Mr. Nitin T. Agrawal
Prof. Prakash B. Joshi
Mr. Keshav Tamhankar
Dr. Archana A. Nema
Dr. B. V. Shamsundara
Prof. Dr. Amar Pandhare
Mrs. Rashmi Urdhwaresh
Mr. Narahari P. Wagh
Prof. Dr. Chidanand Koshti

Mr. Ravindra V. Kharul
Dr. Kamalkishore C. Vora
Mr. Nitin Bhangale
Prof. Dr. Sudhakar Umale
Mr. Vivek S. Joshi
Mr. Prakash V. Sardesai
Prof. Dr. Santosh Rane
Mr. Kishor Deshmukh
Mr. Nandagopal K. Vaidya
Mr. Vijayagopal Panchangam

Organizing Committee

Dr. Santosh Rane
Faculty and Former Dean Academics,
Faculty Advisor SAE Collegiate club, SPCE
Chairman IIIE Mumbai Chapter,
SPCE, Mumbai

Dr. Ramsubhash Maurya
H.O.D Mechanical Engineering Dept,
SPCE, Mumbai

Prof. Sachin Vankar
Faculty Mechanical Engineering Dept,
SPCE, Mumbai

Student Organizing Committee

Nachiket Kulkarni
Captain SPCE Racing
Chairman, SAE Collegiate club

Kaif Badshah
Chairman
IIIE-SPCE Student chapter

Manasvi Mahadik
Vice-Chairperson
IIIE-SPCE Student chapter

Anurag Pandey
Vice-chairperson
IIIE-SPCE Student chapter



Bharatiya Vidya Bhavan's
SARDAR PATEL COLLEGE OF ENGINEERING
Andheri (W) Mumbai-400058
(Government Aided Autonomous Institute)
Affiliated To University of Mumbai



SAE COLLEGIATE CLUB SPCE

Organizes



"TECHNICAL PAPER PRESENTATION"

Under Department Of Mechanical
Engineering & IQAC

On

29th SEPTEMBER-2023

In Collaboration With



SAEINDIA WS



IIIE Mumbai Chapter



Institution Innovation
Council

GENERAL RULES

- All participants must be the [member of SAEINDIA](#).
- Non members can take SAEINDIA membership and participate in this event.
- Students can take part in any challenges (Min 1 / Max 7).
- Registration free only for SAEINDIA members.
- Only original work will be accepted with plagiarism less than 10%.
- Online workshops will be conducted for the registered students.

PRIZES

Platinum Category - 10000/-
Gold Category - 7000/-
Silver Category - 5000/-

REGISTRATION

Registration will be done through Google Form.

Free Registration only for SAEINDIA Student members.

Registration Link:

<https://forms.gle/sSGhtznGtiaZbsWD9>

IMPORTANT DATES

- Date of Submission of PAPER: 25th September, 2023.
- Date of Orientation Workshop For Paper Writing : 22nd september, 2023.
TIME - 3pm to 5pm
- Date of Competition: 29th September, 2023.



CONTACT

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Suhaib Naikawadi	7057246448
Aryan Shah	9405208599

TECHNICAL PAPER PRESENTATION

The student selects any 1 of the topic listed below, collects information and presents a synopsis or abstract.

TOPICS

1. Alternate Propulsion Technologies
2. Advanced Engine Technologies
3. Fuel Injection Systems
4. Hybrid and Electric vehicles
5. Emerging Fuels and Fuel Cells
6. Energy Storage Systems and Infrastructure
7. Safety and Crash
8. NVH and Cabin Comfort
9. Automobile Emissions and After treatments
10. 3R-reduce, reuse and recycle
11. Automotive electronics
12. Vehicle Communications Network
13. Nano technology
14. Advanced lightweight materials
15. Aero structure and technologies
16. Off highway vehicles
17. Vehicle body structures and frames
18. Vehicle dynamics and handling
19. Fuel economy and Co2
20. Dynamic modeling processes
21. Automotive testing and instrumentation
22. Vehicle architecture
23. Product development tools and techniques
24. Policies, regulations and standards
25. Design of Unmanned Aerial Vehicle
26. Alternate Fuel for Aviation
27. Simulation Techniques