

Bharatiya Vidya Bhavan's

SARDAR PATEL COLLEGE OF ENGINEERING

Andheri (W) Mumbai – 400058
(Government Aided Autonomous Institute)
Affiliated to University of Mumbai



Activity Report

“Technical paper presentation of SAE student convection”

22nd September 2023

Venue: Online (Google Meet Platform)

Organized by:-

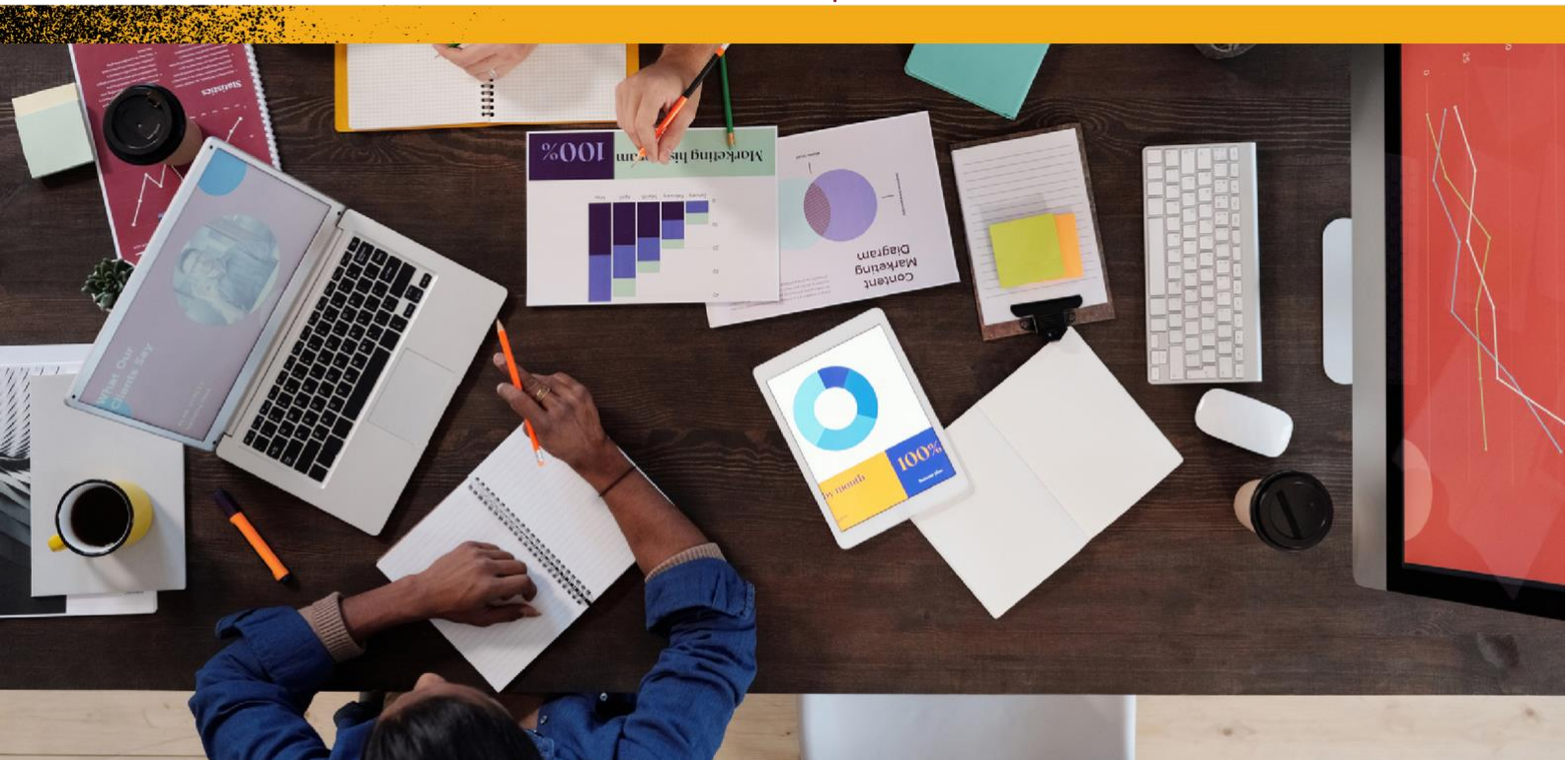
SAE Collegiate club SPCE

Under Department Of Mechanical Engineering & IQAC

In Collaboration With



IIIE Mumbai Chapter



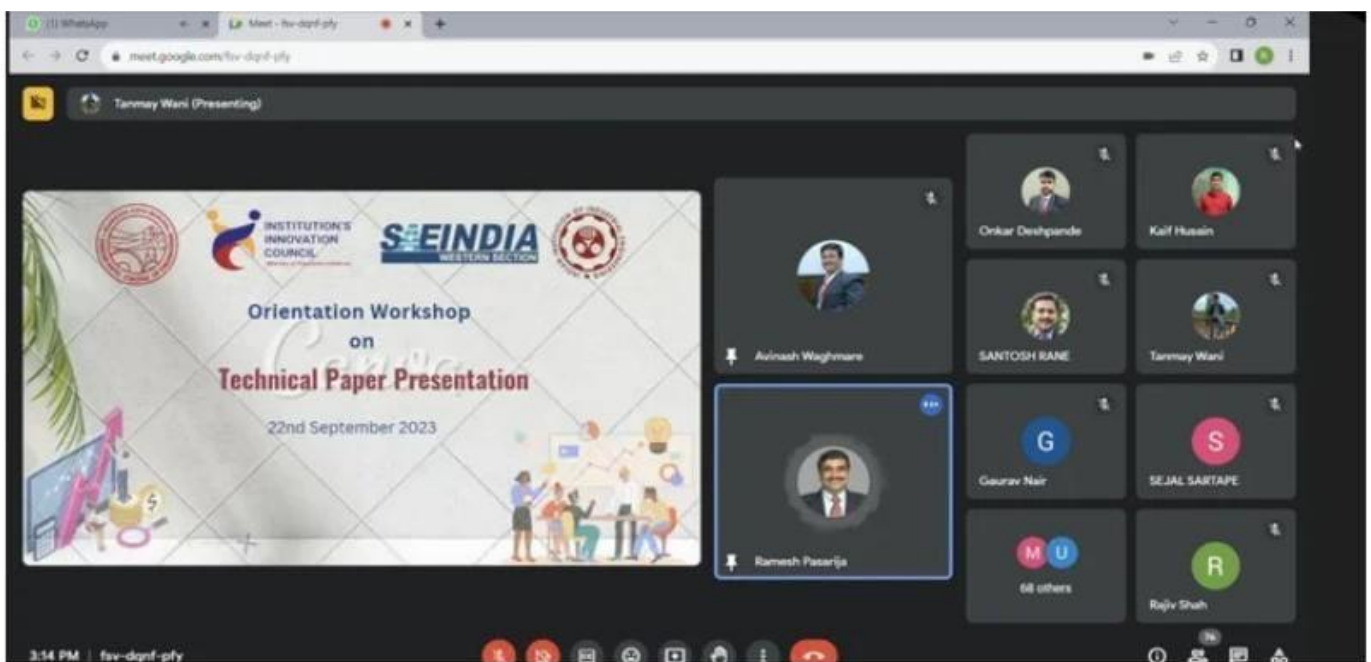
ABOUT THE EVENT

Date: 22nd September 2023, Friday

Time: 3- 5pm

Venue: Google meet

Number of participants: 163



As an engineering student, it is important to have good research skills along with developed writing and a better understanding of the topic. In order to dive deeper into the same, SAE COLLEGIATE CLUB of SARDAR PATEL COLLEGE OF ENGINEERING had an orientation workshop for technical paper writing and presentation as a part of the Technical paper presentation competition in collaboration with SAE INDIA WS, IIE MUMBAI CHAPTER and INSTITUTION INNOVATION COUNCIL, under department of mechanical engineering and IQAC, SPCE.

ABOUT THE SPEAKER



- Dr Avinash Waghmare is an Associate Professor and has an excellent expertise in the higher education industry.
- Well accomplished and skilled in Fluid Power, Energy Efficiency, Computational Fluid Dynamics, Modelling and Product Development.
- He's an active member of various professional bodies such as SAE, IE, SESI, IMechE, FSAE, ISHRAE, ISHMT and ISTE.
- Has published research papers at National and International level in peer reviewed journal and conferences respectively.

OVERVIEW OF THE EVENT

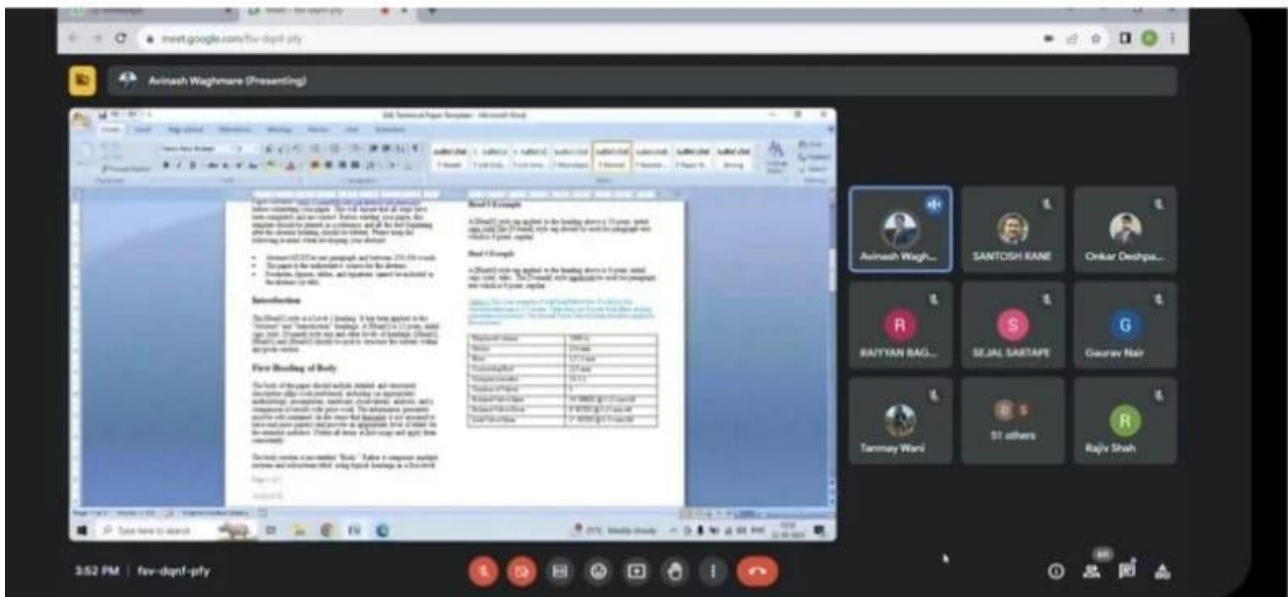
The webinar was under the guidance of Dr. Santosh Rane, Faculty member, former Dean Academics and Faculty Advisor of the IIE Student Chapter, SPCE Mumbai along with Mr. Kaif Badshah, and Chairperson of the IIE- SPCE Student chapter. This event commenced with Saraswati Vandana and a brief introduction of Dr. Munshi and Sardar Vallabhbhai Patel. Notable educators Mr. Ramesh Pasrija, the executive director of 'SAE INDIA Western Section' and Dr. Avinash Waghmare, an Associate Professor and an alumni of COEP were the guest speakers.

SAE INDIA is a global organisation that works on research development design, manufacturing and utilization of vehicles on land as well as air. Students from all branches can participate in various activities like electric vehicle design, app development, drafting and can win several cash prizes. The main objective of this webinar was to understand the idea of data collection, data analyzation and reflecting its use. The steps to write a presentation paper were taught which included format writing, heading, assumption making along with credible references.

BENEFITS OF TECHNICAL PAPER PRESENTATION

- 1. Knowledge Sharing:** Technical paper presentations allow experts and researchers to share their knowledge, findings, and insights with a large audience. This dissemination of information contributes to the growth and development of the field.
- 2. Networking:** Presenting at conferences or seminars provides an opportunity to connect with colleagues, researchers and professionals who share similar interests and wish to learn about a particular topic. Networking can lead to collaborations and future research opportunities.
- 3. Skill Development:** Preparing and delivering a technical paper presentation hones various skills, including public speaking, clarity in concepts, communication and the ability to convey complex information in a clear and concise manner.
- 4. Documentation:** A technical paper presentation often includes slides or written materials that serve as documentation of the research, making it easier for the peers to refer to the work and work upon it.
- 5. Career Advancement:** Successful technical paper presentations can contribute to career growth, particularly in academics, where publications and presentations are the key components of a researcher's portfolio.

KEY TAKEAWAYS



Why to write a Technical Paper?

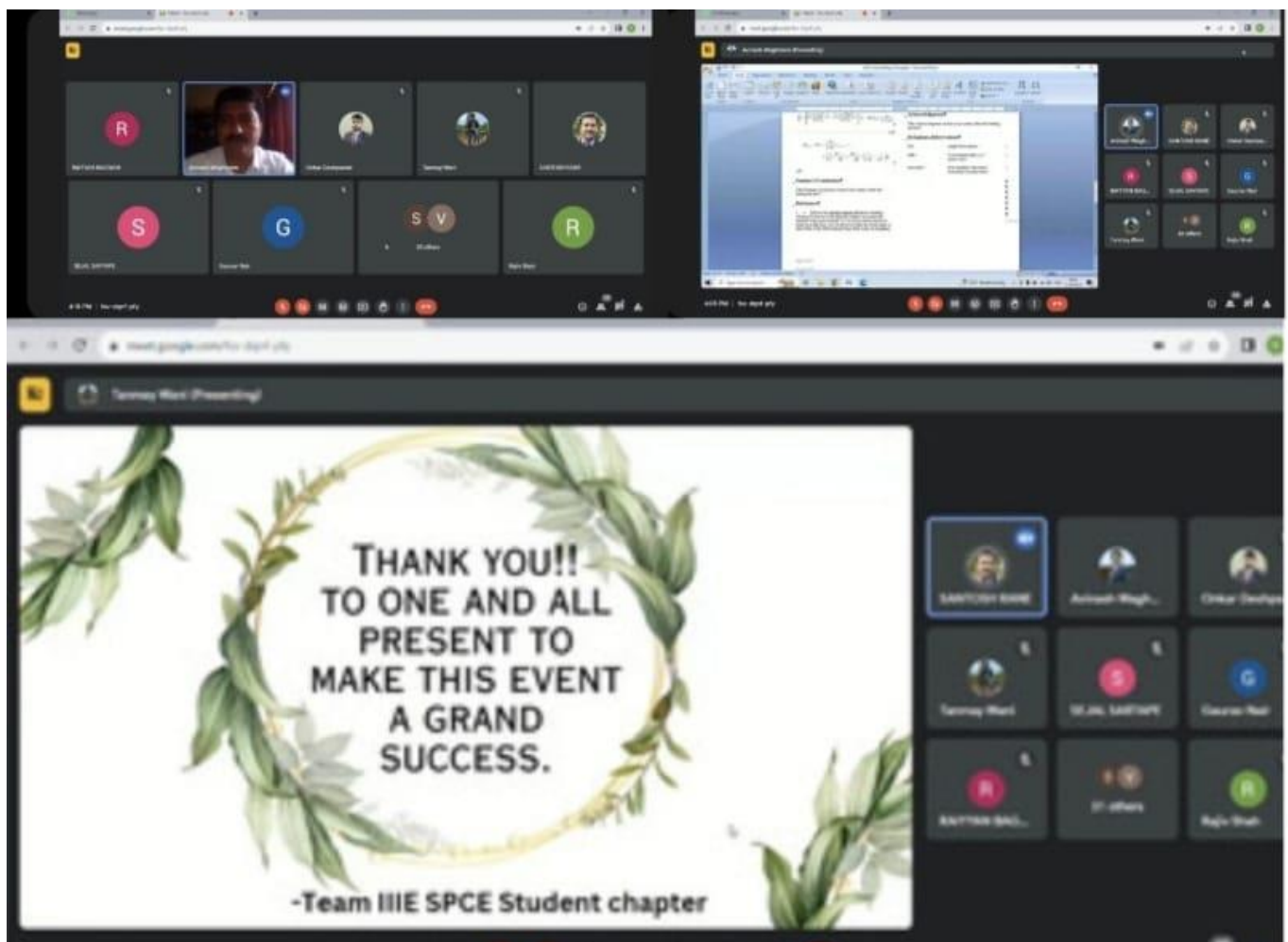
The Speaker explained that a TPP is made to present the work to the community and claim ownership of one's own work.

Key learnings to make a Technical Paper Presentation:

1. The speaker emphasized that format is important, because it differentiates between institutions on how a TPP is conducted.
2. Following is the order: Title of the Research, Survey or Experimentation; Tools used (methodology).
3. One must explain all assumptions, provide all useful scales to give appropriate level of information.
4. There is a need of making columns, so that one easily read the message to be conveyed.
5. The abstract should be summarized, eye-catching and original, as the paper requires creditable reference. Journal paper is one such example.

VOTE OF THANKS

The event was concluded by giving an expression of gratitude by Santosh Rane Sir for making the event a grand success. The vote of thanks highlighted the important inputs given by the guest regarding Technical paper presentation and how it will help the students in the future. Additionally, SAE collegiate club was also thanked for organising the event in collaboration with SPCE. Meanwhile the students participating in the technical paper presentation competition on 29/09/23 were urged to implement their learnings from the seminar and be on time for the same, as a closing remark.



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Dr. Santosh Rane