

Department of Mechanical Engineering

A.Y. 2024-25

Report on 09/10/2024

- 1. Event Title: "Inauguration of the Global Student Society for Sustainability (GSSS) Student Chapter"**
- 2. Event Date & Time: 9th October 2024**
- 3. Event Venue: Online Google meet**
- 4. Name of Event Coordinator: Prof. S. B. Ambekar**
- 5. About Event:**

Introduction:

The Mechanical Engineering Department of Sandip Institute of Engineering and Management (SIEM), Sandip Foundation, proudly hosted the online inauguration of the Global Student Society for Sustainability (GSSS) chapter on 9th October 2024. This significant event, held in collaboration with SPSC from the UK, marked the beginning of a new initiative to foster sustainability among students and promote environmental awareness.

Objective of the Event

The objective of the event was to officially launch the GSSS chapter, which will serve as a platform for students to engage in sustainability-related projects and initiatives. The chapter aims to encourage students to think globally and act locally, contributing to a more sustainable future.

Dignitaries and Guests

The event was graced by distinguished international and institutional guests:

Ms. Rania Lampou (Greece) – Renowned Education Expert and Advocate for STEM & Sustainability

Ms. Nada Ratković (Croatia) – Environmental Activist and Sustainability Enthusiast

Ms. Rania Ragheh (Egypt)

Mr. Parin Makadia – Director of SPSC, UK

Proceedings of the Event

The program commenced at 3:00 PM with a warm welcome address by Dr. Swapnil Ambekar, who anchored the session. He introduced the esteemed guests and highlighted the importance of the GSSS chapter for the students of SIEM.

Opening Remarks:

Dr. A. S. Dube, Head of the Mechanical Engineering Department, spoke about the role of engineering students in developing innovative solutions for sustainability challenges and encouraged them to actively participate in GSSS activities.

Address by Principal:

Dr. Dipak Patil, Principal, SIEM, delivered the opening remarks, emphasizing the importance of sustainability in education and how this new chapter will enable students to contribute meaningfully to global environmental efforts.

Keynote Speeches:

Mr. Parin Makadia explained the mission of SPSC and how the partnership with SIEM will empower students to contribute to the global sustainability movement.

Ms. Rania Lampou shared insightful perspectives on integrating sustainability with STEM education and encouraged students to take the lead in sustainability initiatives.

Ms. Nada Ratković emphasized the role of youth in sustainable development and motivated the students to actively engage in environmental protection projects.

Ms. Rania Rageh emphasized the role of sustainable development in Egypt and guided the students to actively engage in save the earth.

Vote of Thanks

The event concluded with a vote of thanks by Dr. Swapnil Ambekar, who expressed gratitude to the esteemed guests, faculty members, and students for their active participation and support. Special thanks were extended to the management of Sandip Foundation for facilitating the launch of this important chapter.

Conclusion

The inauguration of the Global Student Society for Sustainability chapter was a resounding success, bringing together international experts, faculty, and students in a collective effort to promote sustainability. The chapter will provide a platform for students to engage in sustainability-related activities, projects, and collaborations, fostering a spirit of environmental

responsibility and innovation.

Key Outcomes:

The formal establishment of the GSSS chapter at SIEM.

Students are now equipped with a global platform to engage in sustainability initiatives.

Opportunities for collaboration with international experts and organizations were highlighted.

The Mechanical Engineering Department looks forward to the active participation of students in this important initiative and aims to drive meaningful contributions toward sustainable development.

Number of Participants: 50

Mission


Our mission at Sustainability is to empower students to be catalysts for change by fostering awareness, driving sustainable action, and advocating for policies that promote a greener and more equitable world. We strive to engage, educate, and inspire the campus community through collaborative efforts, hands-on projects, and innovative solutions that address pressing challenges such as climate change, resource conservation, and social justice.

Vision

We envision a future where it is not just an aspiration but an integral part of every student's daily life and the core of societal progress. Through the collective action of empowered youth, we aim to create a world where communities thrive in harmony with the environment, where policies are centered on ecological integrity, and where future generations inherit a planet that is resilient, equitable, and sustainable.

Objective

The objective of Global Student Society for Sustainability (GSSS) is to inspire, educate, and empower students to become active participants in the global movement. We aim to create awareness and drive action towards sustainable living practices, environmental justice, and climate solutions through advocacy, education, community engagement, and hands-on initiatives. The society is committed to fostering a culture of environmental responsibility on campus and beyond, equipping students with the tools and knowledge needed to make a meaningful social impact.



Join the Inauguration Ceremony on 9th October 2024

Guest Speaker



RANA LAMPOU
(FROM GREECE)



MADA RATKOVIC
(FROM CROATIA)




MR. PARIN MAKADIA
(SPSC DIRECTOR, UK)

Venue

Department of Mechanical Engineering
Sandip Institute of Engineering & Management
at 02.00 pm

Contact for More Details

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- ✉️ swapnil.ambekar@siem.org.in
- ☎️ +91 9975753595





Inauguration Ceremony on 9th October 2024

Student Chapter on "GLOBAL STUDENT SOCIETY FOR SUSTAINABILITY"

The Student Movement for Environmental & Social Impact is a student

In Association with



About Sandip Foundation

Sandip Foundation, formed on 07.06.2005 in Mumbai as Charitable Trust under the Chairmanship of Honorable Dr. Sandip Kumar Jha with a vision to render selfless, dedicated and yeoman services to higher education in the fields of Engineering, Management and Paramedical Sciences. The trust has proved its proficiency in education for last fifteen years.

At Sandip Foundation, the focus is on interactive Teaching-Learning, Faculty empowerment, on the job training, Industrial Projects, Industrial Visits so that learning is application oriented and students develop the necessary skills. Sandip Foundation has been involved in organizing events to promote close interaction between industries and educational institutions to enable effective teaching learning process ultimately aiming the paradigm shift from teaching to learning.

Sandip Foundation has started its own university known as Sandip University in 2016 with vision to have cutting edge technology in higher education. Faculties and students are focusing on the quality of education, that is not just a university degree, but the way of life.

About Mechanical Engineering Department

The Department of Mechanical Engineering was started in 2010, which offers undergraduate course admitting 120 students for first-year. It has well-equipped laboratories which adequately fulfill the requirements of the undergraduate course. The department also has workshops for training in smithy, carpentry, welding, and machine shop. The department has a team of highly qualified & well experienced, dedicated faculty members. The Mechanical Engineering department has 15 laboratories with State-of-the-art equipments and they are armed with the recent software highly demanded by the Employers. The department is committed to provide flexible and innovative learning opportunities to students and enabling them to build careers in their respective area of interest.



Impact of Global Warming

Student Chapter Coordinator

Dr. S. B. Ambekar

Student Chapter Convener

Dr. A. S. Dube

Chair Person

Dr. D. P. Patil
Principal SIEM

Patrons

Prof. Pramod Karole
Facilitator, Sandip Foundation

Chief Patrons

Honorable Dr. Sandip Kumar Jha
Chairman, Sandip Foundation

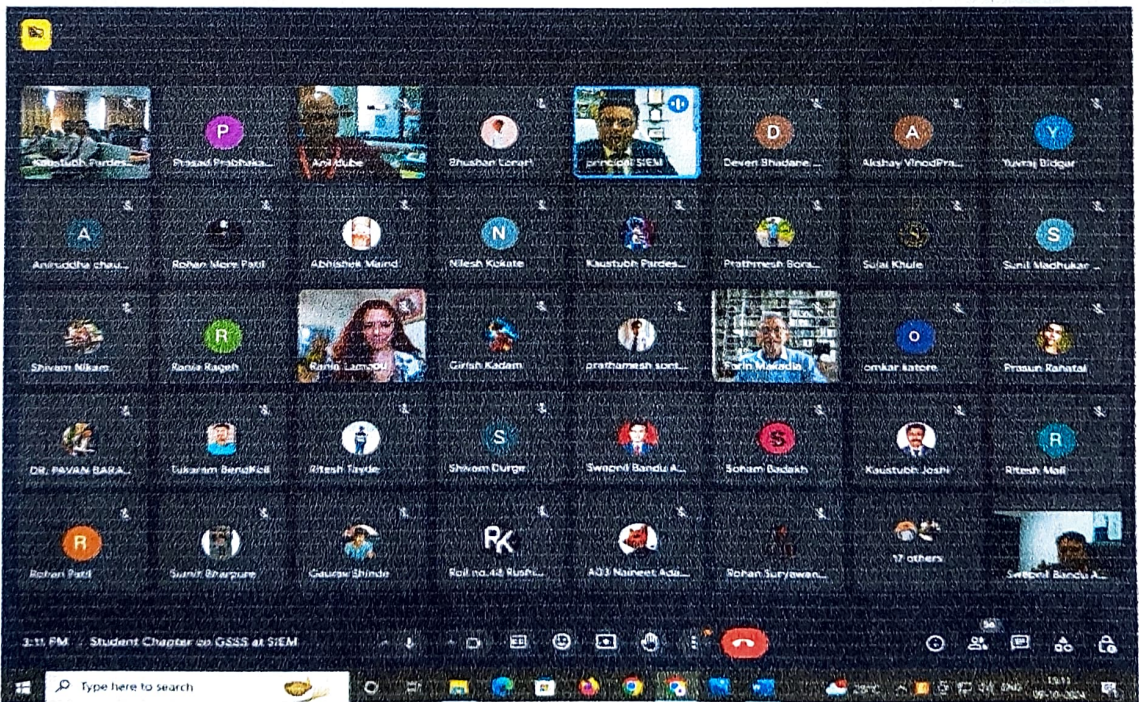
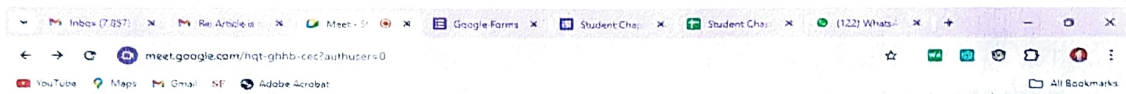
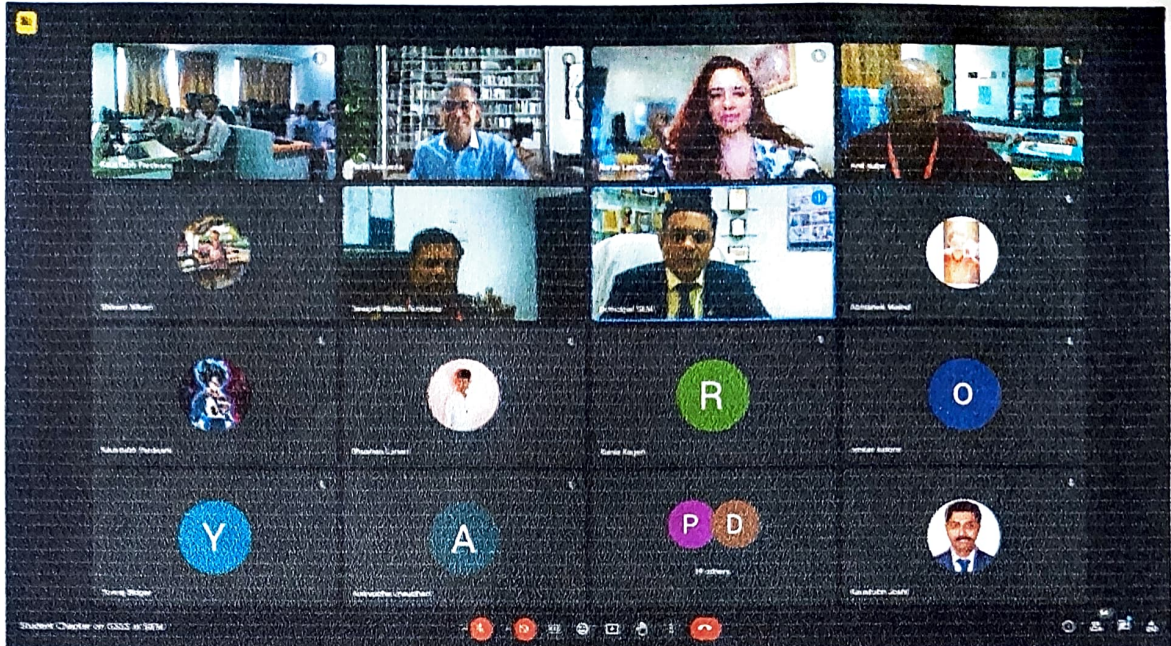


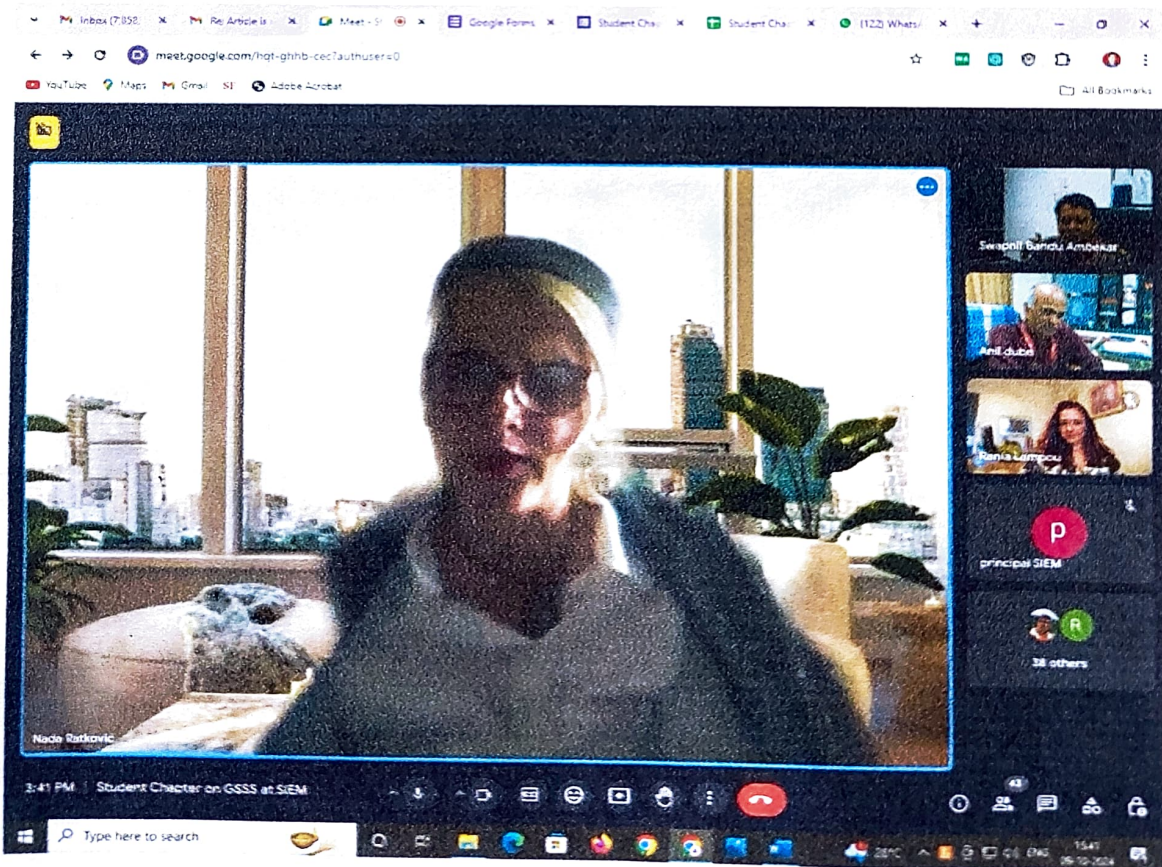
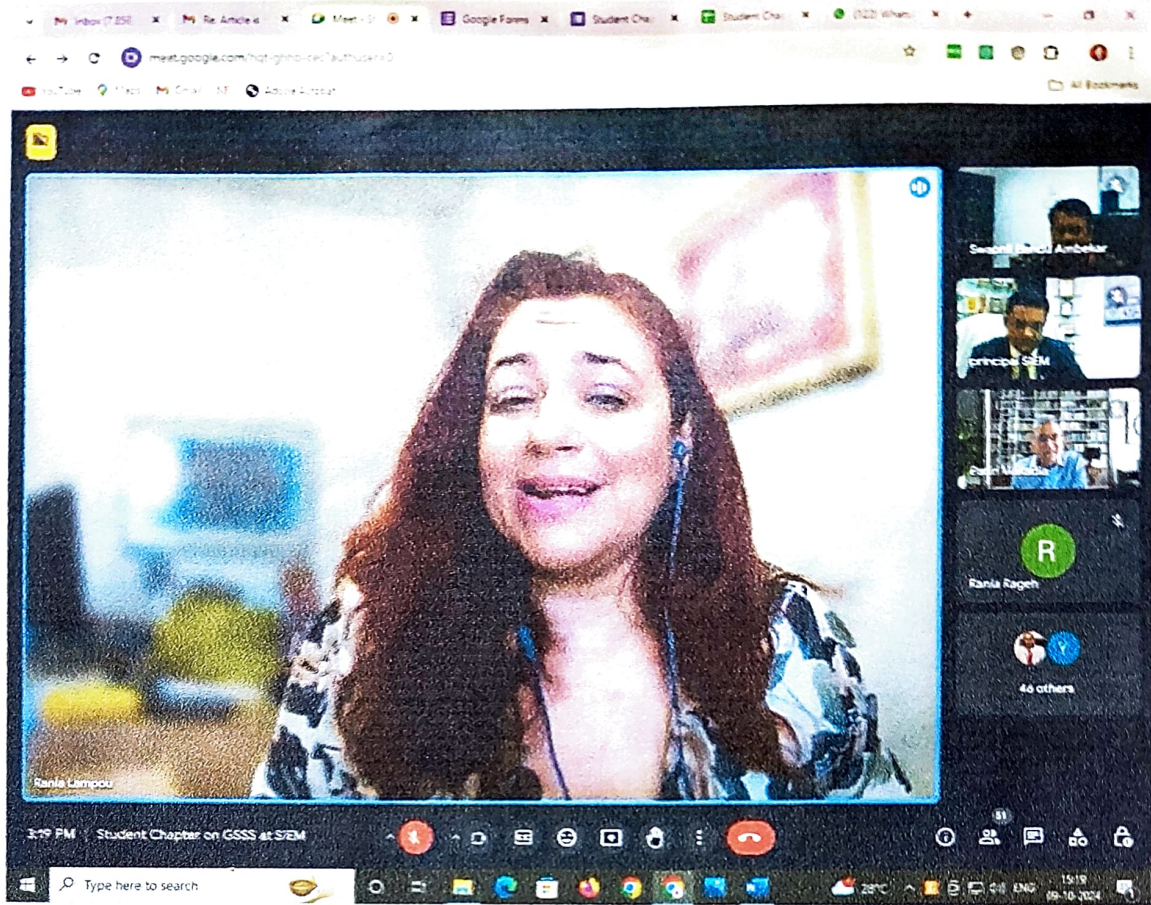
Outcomes

- **Increased Awareness:** Increase student knowledge and awareness of key challenges, including climate change, renewable energy, waste management, and biodiversity conservation.
- **Action-Oriented Projects:** Implement student-led initiatives, such as campus-wide waste reduction programs, community gardens, or clean-up campaigns, that positively impact the local environment.
- **Partnership Building:** Establish partnerships with local environmental organizations, government bodies, and focused businesses to collaborate on events and projects that benefit the wider community.
- **Skill Development:** Equip students with practical skills in environmental leadership, project management, and sustainable practices that prepare them for careers in environmental sectors.
- **Behavioral Change:** Encourage and facilitate shifts in student behavior towards more sustainable daily practices, such as reducing single-use plastics, energy consumption, and promoting sustainable transportation options.
- **Advocacy:** Create a platform for students to advocate for sustainable policies at the institutional, local, and national levels, influencing decision-makers to prioritize environmental issues.



Photos of Event





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Rania Ragh (Presenting)

Recommendations for GSSS chapter

- Student-Led Sustainability Projects:** Encourage students to start their sustainability initiatives.
- Build a Network of Advocates:** Create a strong community of sustainability advocates within the institution.
- Multidisciplinary Collaboration:** Foster collaboration between engineering, science, and social studies to drive impactful sustainability projects.

4:29 PM Student Chapter on GSSS at SIEM

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Rania Ragh (Presenting)

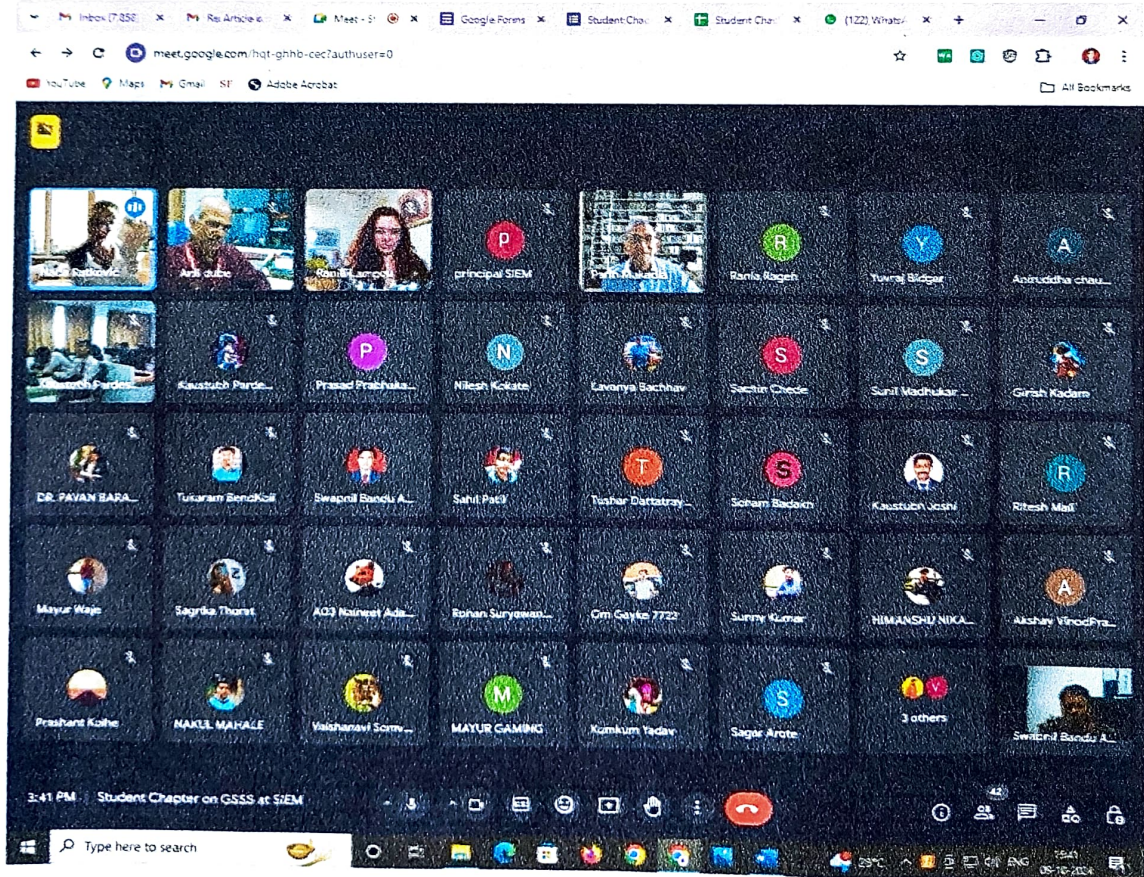
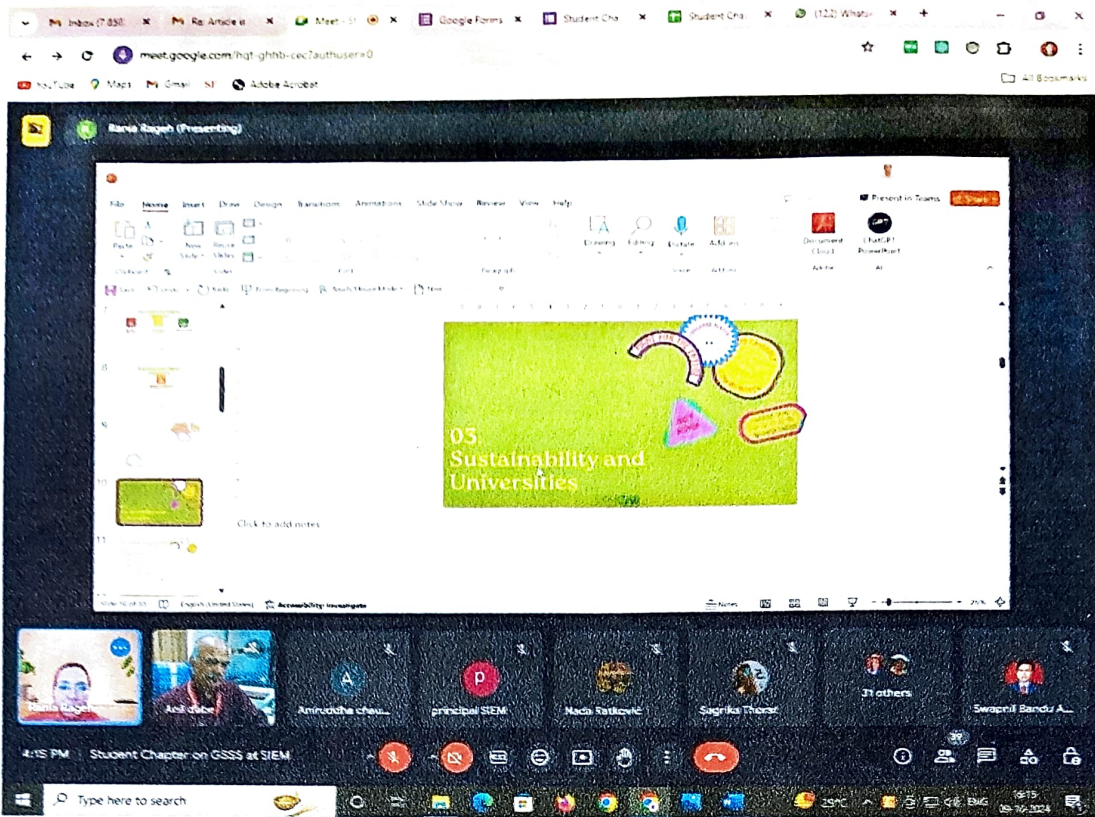
Role of Data Science in Achieving SDGs

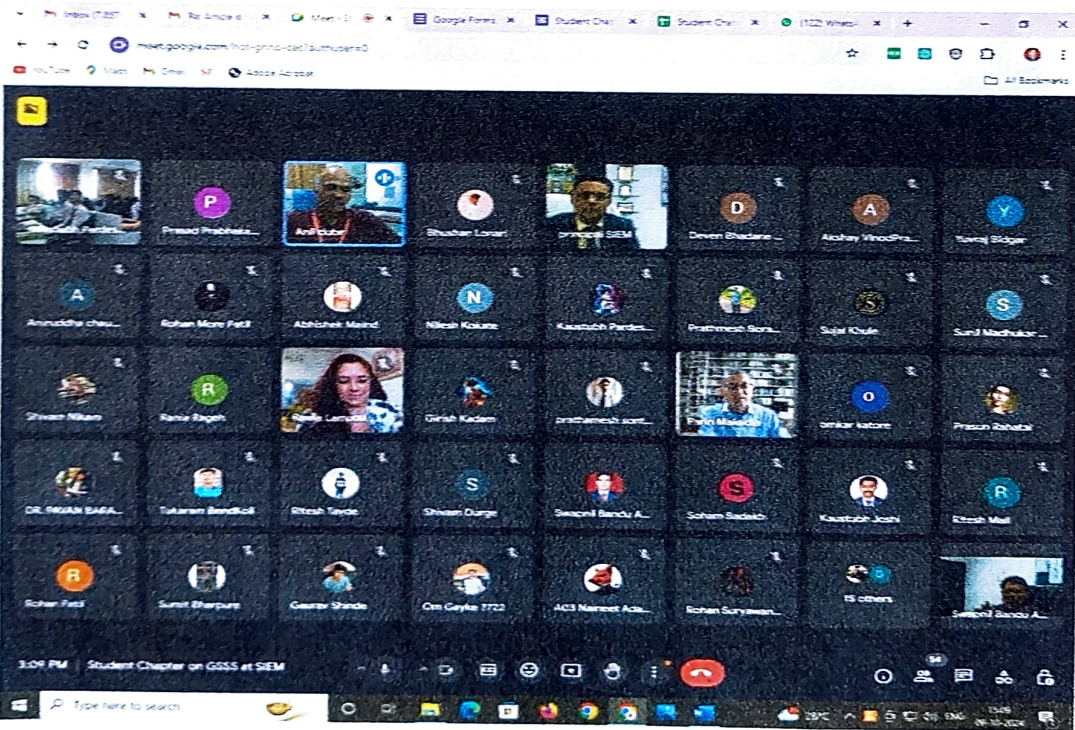
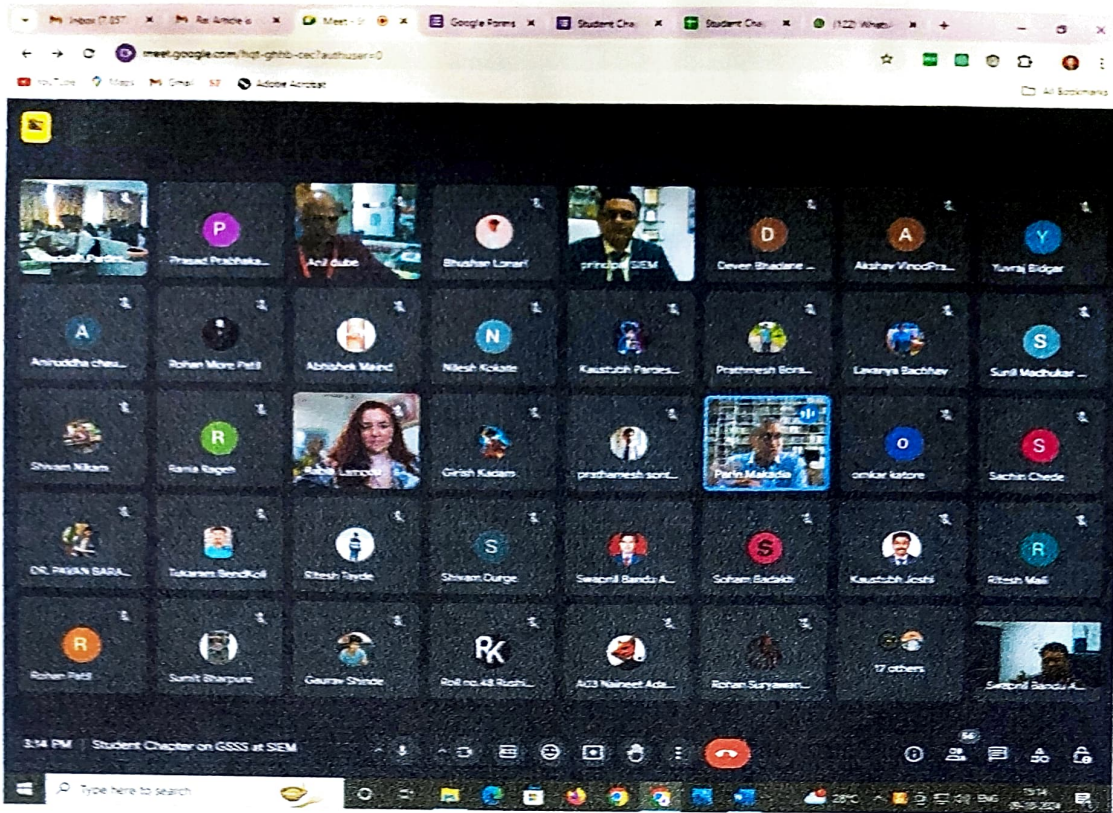
Data to track & improve sustainability performance
Leverage data analytics to enhance sustainability initiatives and assess their success.

37% 65%

Measuring Impact:
Quantify metrics like carbon footprint, energy consumption, and resource use to optimize sustainable practices.

4:34 PM Student Chapter on GSSS at SIEM





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HOD



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Principal
PRINCIPAL
 Sandip Institute of Engineering & Management
 Mahiravani, Nashik - 422 213