



Sandip Institute of Technology and Research Centre An Autonomous Institute

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(Approved by-AICTE, New Delhi, & Govt. of Maharashtra and Permanently Affiliated to
Savitribai Phule Pune University (Formerly Pune University), Pune.)

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SANDIP
FOUNDATION



Department of Mechanical Engineering Academic Year 2024-25

Report on "4th International E-Conference on Mechanical and Material Science Engineering: Innovation and Research 2024 (ICMMSE: IR 2024)"

1. **Event Title:** "4th International E-Conference on Mechanical and Material Science Engineering: Innovation and Research 2024 (ICMMSE: IR 2024)"
2. **Event Date:** 12th-13th December 2024
3. **Event Conduction Duration:** 10.00 AM to 05:00 PM
4. **Event Venue:** Online Platform, Google meet
5. **Event Resource Person Details:**

SNo.	Resource Person	Designation & Affiliation
a.	Dr. Rashmi Rekha Sahoo	Associate Professor in the Department of Mechanical Engineering, Indian Institute of Technology (BHU), Varanasi
b.	Dr. Ankur Miglani	Associate Professor in the Department of Mechanical Engineering at IIT Indore, India.
c.	Dr. Pankaj Koinkar	Vice Director at Center for International Research and Educational Cooperation (CIREC) and Associate Professor, Department of Optical Science Tokushima University, Japan.
d.	Dr. Antonio Norio Nakagaito	Associate Professor, Department of Optical Science Tokushima University, Japan.
e.	Dr. Bhingole Pramod P	Associate Professor, Mechanical and Aero-Space Engineering at Institute of Infrastructure, Technology, Research and Management (IITRAM), Ahmedabad, Gujarat, India.
f.	Dr. Akhilesh Singh	Assistant Professor, Department of Mechanical and Automobile Engineering Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow

6. **Name of Event Chairperson:** Dr. Sachin G. Ghalme

7. **Name of Event Coordinators:** Dr. Chandrmani Yadav & Dr. Nandkishor Sawai

8. **Objectives of Event:** The objectives of this event are to bring together the world's best academicians, scientists, industrial experts, and research scholars from different areas of Mechanical and Materials Science Engineering to focus on emerging fields in these areas and provide opportunities for interaction.

8. Description of Event:

Mechanical Engineering Department, SITRC has organized "4th International E-Conference on Mechanical and Material Science Engineering: Innovation and Research 2024 (ICMMSE: IR 2024)" on 12th-13th December 2024. The inaugural program was introduced by Dr. Nandkishor Sawai and Prof. (Dr.) Sachin G. Ghalme, HoD Mechanical Engineering has been briefed about the conference, department and Institute. Furthermore, Prof. (Dr.) Amol Potgantwar, Principal, SITRC, Nashik has been warmly welcomed to all keynote speakers and participants. The National and International level Keynote speakers from reputed institutes have delivered their valuable speeches on different areas of Mechanical & Materials Science Engineering. The resource persons briefed co-firing in pulverized coal boiler with agrofuels, pumped thermal energy storage technology, cellulose nano-fiber and pulp fiber, classification and quality inspection of the rice, photocatalytic materials, and lightweight materials. In this conference, research scholars and academicians from National and International Institutes have presented their research work. Also, qualitative and quantitative articles have been received for publication. The event was attended by about **148** participants and in the valedictory function Dr. Chandrmani Yadav was given the vote of thanks.

Event Photos:

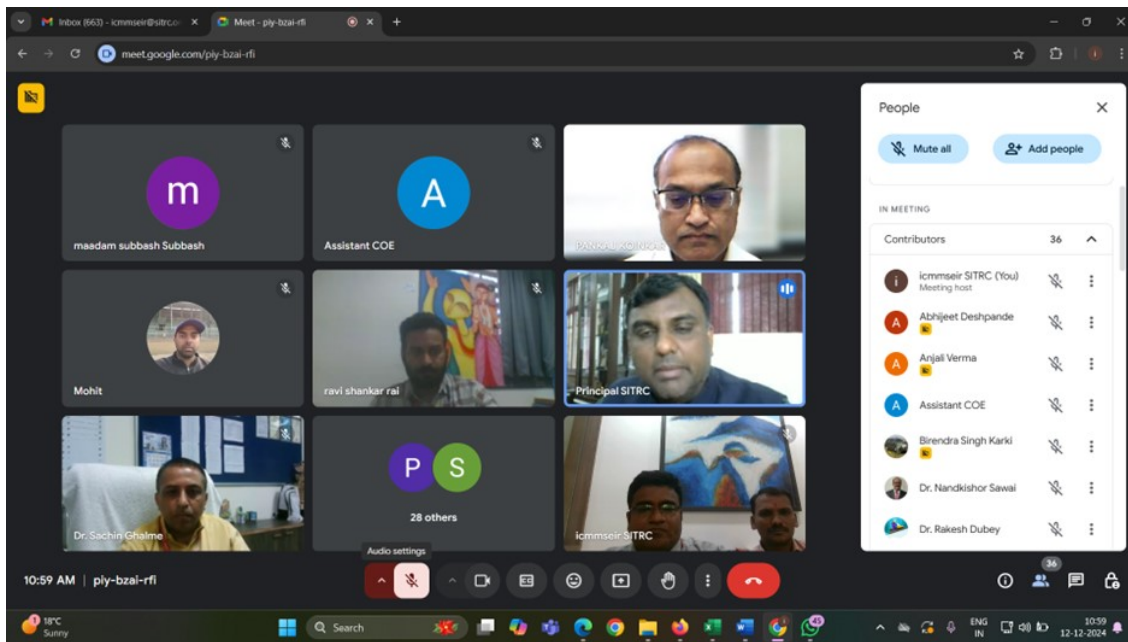


Fig.1. Welcomed by Principal, SITRC, Nashik in Inauguration Function

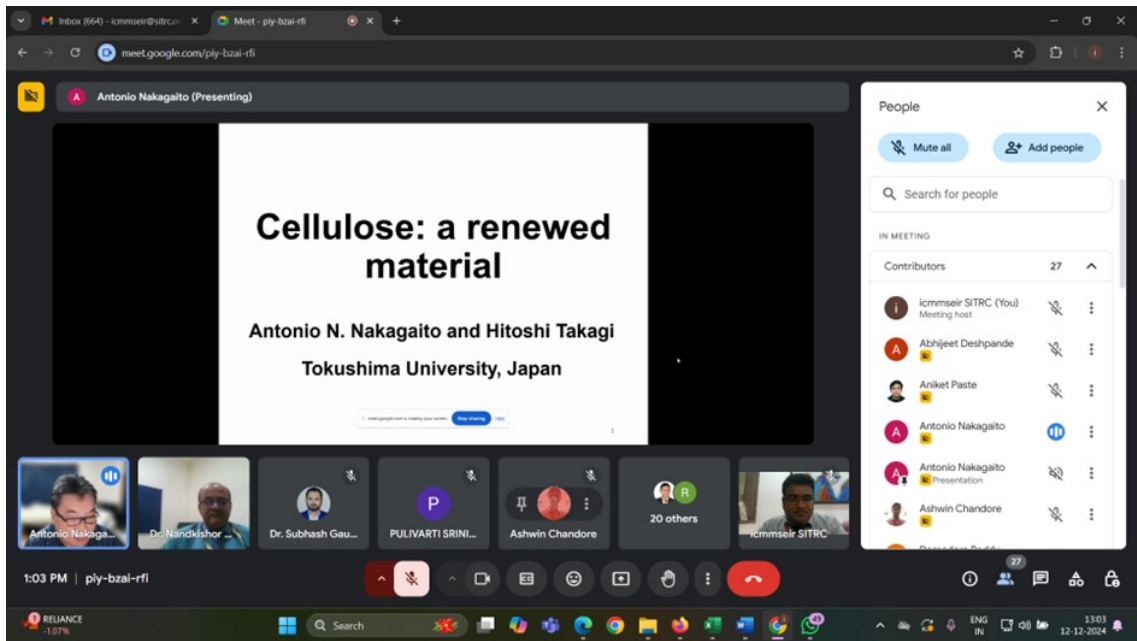


Fig.2. The Resource person delivered his findings

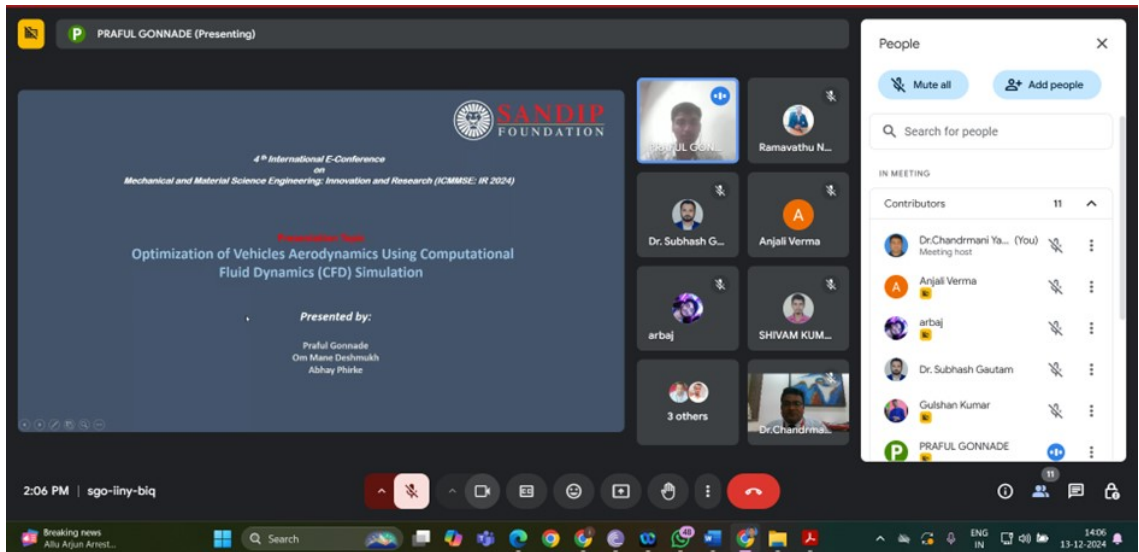





Fig.3. Participants presented their findings.


Dr. Chandrmani Yadav
Dr. Nandkishor Sawai
 Event Coordinators


Dr. Sachin G. Ghalmé
 HOD
 Dept. of Mechanical Engineering


Prof. (Dr) Amol Potgantwar
 Principal,
 SITRC

