



ATHARVA EDUCATIONAL TRUST'S

## ATHARVA COLLEGE OF ENGINEERING

(Approved by AICTE, Recognized by Government of Maharashtra & Affiliated to University of Mumbai – Estd. 1999 - 2000)  
ISO 2100:2018 ISO 14001: 2015 ISO 9001: 2015,  
NAAC Accredited A+

### ICSTEMSD(2025)-Season 3

#### Track: 1 - Science, Technology, and Society Report

The **International Conference on Science, Technology, Engineering & Mathematics for Sustainable Development (ICSTEMSD 2025)** was successfully held on **February 21, 2025**. The conference served as a vital platform for knowledge exchange, collaboration, and discussions on advancements in STEM fields for sustainable development.

Track 1, focusing on Science, Technology, and Society, was evaluated by a panel of four esteemed judges. The external judges were Dr. Rajesh Buktar, Associate Professor, SPCE and Dr. Poonam Hemanni, Associate Professor and HOD, SFIT while the internal judges were Dr. Abhilasha Saini and Dr. Bhushan Sonawane. Their expertise and insights played a crucial role in assessing the research contributions presented in this track.

A total of 28 papers were registered under this track. Among them, 6 papers were presented by students, including 1 paper from an external participant. The remaining papers were presented by faculty members in which 2 external faculty members presented their papers online, ensuring broader participation and engagement from various academic institutions. For Poster Presentation 10 students were participated.

The presentations in this track covered diverse topics, reflecting the intersection of science, technology, and societal challenges. Key discussions revolved around emerging technologies and their impact on society, sustainable technological innovations, ethical considerations in scientific advancements, and the role of interdisciplinary research in addressing global challenges. The insightful evaluations by the judges provided valuable feedback to the participants, enhancing the quality and impact of their research.

The session was highly engaging, with active discussions and knowledge-sharing among researchers and academicians. The judges appreciated the innovative approaches presented and encouraged further research collaborations. The winners for the Best Paper Presentation under Poster and Oral were recognized during the Prize Distribution Ceremony at the valedictory session, further motivating researchers to continue contributing to this field.

#### Winners From Track 1:

##### Poster Winner

Position	Poster ID	Poster Title	Group Members Name	Year	Department
3	17	Quantum Computing and Linear System	Karan Musale Pooja Mohite Kedar Kale Chaya Pandey Krish Patel	1 <sup>st</sup>	HAS



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### Winners in Paper Presentation:

Position	Paper ID	Paper Title	Group Members Name
1	195	Alexander High Performance Piezoelectric Nanogenerators for Energy Harvesting and Storage Applications	Vignesh Gajula
			Atharv Rajpoot
			Rozin Baluch
			Dr. Pinky Steffi
2	211	NANO Technology in Quantum Computing	Sharvari Bhovad
			Shravan Kotian
			Dyaneshwar Kulkarni
			Ayush Lad
			Dr. Pinky Alexander

### Faculty Winners:

Department	Paper ID	Paper Title	Group Members Name
HAS	203	RSA Algorithm For A Secure Cloud Environment	Kamaljit Kaur Bhagwat
			Sudhanshu Shekhar Dubey

### Photos of event:





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**Track Chair's**  
**Prof Gauri Atre**  
**Prof Ashwini Modi**  
**Dr. Pinky Steffi. A**

**HoD**  
**Dr. Ritu Sharma**

**Principal**  
**Dr. Ramesh Kulkarni**