



**International Conference on Science
Technology Engineering & Maths for
Sustainable Development (ICSTEMSD-
2025) 21st February, 2025**



ACE/Conference/FR/61/2024-2025

Date: 22/2/2025

Report of Valedictory on International Conference on Science Technology Engineering & Mathematics for Sustainable Development (ICSTEMSD 2025)

Valedictory of International Conference on Science Technology Engineering & Mathematics for Sustainable Development (ICSTEMSD 2025) was on February 21, 2025.

Valedictory started with a welcome address by anchors, and it was followed by a Keynote session by Dr. Suresh A Shan, Honorable Chairman, CSI, Mumbai. He highlighted how such events serve as platforms for knowledge exchange, collaboration, and the promotion of new ideas that drive advancements in education, industry, and research.

Dr. Suvarna Pansambal, HoD, Computer Department proposed a rapporteur report followed by views of participants. The conference received over 263 submissions, reviewed by 78 internal and 57 external reviewers. After rigorous evaluation, 230 papers were presented in parallel sessions. 19 Posters were presented by 74 students.

Dr. Ramesh Kulkarni shared concluding remarks and encouraging words with all researchers.

Vote of Thanks was given by Conference Organizing Chair Dr. Kavita Bani, HoD, ECS Department. The winners of paper and poster presentations in ICSTEMSD 2025 were awarded prizes and certificates in a prize distribution ceremony.

The results of the winners are as follows:

Poster Winners:

Position	Poster ID	Poster Title	Group Members Name	Year	Department
1	10	(ECO-GRIP) A Robotic arm	Abhishek Ramane	3 rd	Electrical
			Siya Kokam	2 nd	
			Alisha Gaikwad	2 nd	
			Utkarsh Deore	2 nd	
2	7	Traffic Light Optimisation	Adwait More	3 rd	ECS
			Kimaya Joshi		
			Yashika Alkunte		
			Saloni Sakat		
3	17	Quantum Computing and Linear System	Karan Musale	1 st	HAS
			Pooja Mohite		
			Kedar Kale		
			Chaya Pandey		
			Krish Patel		



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Overall Paper Winners:

Position	Paper ID	Paper Title	Group Members Name	Department
1	243	CLOUD BASED SaaS MANAGEMENT PLATFORM AND WEBSITE BUILDER	Mohd Faiz Ansari e	INFT
			Pranoti Nage	
			Shree Shailesh Shind	
			Jay Patel,Vaibhav Raut	
2	134	Developing AI-Based Solutions for Threat Detection, Intrusion Prevention, Security Analysis, and Energy Consumption	Mihir Dasharath Jadhav,	ECS
			Yash Mathkar	
			Suyash Baviska	
			Kiruthika B	
3	118	Enhancing Image Classification using Transfer Learning with AlexNet and Ensemble Model	Juhi Janjua	CMPN
			Archana Patankar	
			Nabanita Mandal	
			Darakhshan Khan	
			Aradhya Talan	

Track Wise Winners:

ELECTRICAL ENGINEERING DEPARTMENT (ELEC)

Position	Paper ID	Paper Title	Group Members Name
1	125	“S.N.A.B.B.E.R (Self Navigating Auto Body Balancing Engineered Robot)”	Kamlesh Kumavat
2	103	RIPPLE LINE MAGNET: Electricity Generation from Hybrid Source (Tidal waves + Solar)	Manasi Powar
			Sneha Sawant
			Advait Parab
			Shourya Mayekar
			Priynka Sharma

ELECTRONICS AND COMPUTER SCIENCE DEPARTMENT (ECS)

Position	Paper ID	Paper Title	Group Members Name
1	191	Skill Quest: Integrating Personalized Learning and NLP-Driven Simulations for Career Growth	Shamit Shetty
			Vedika Nemane
			Helonde Sidhant Shetty
			Om Vishwakarma
2	225	Building Momentum: Machine Learning for Predicting Stock Performance with Technical Indicators	Nishit Prabhu
			Aayushi Tandale
			Chinmayee Bidaye
			Kiruthika B.



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INFORMATION AND TECHNOLOGY DEPARTMENT (INFT)

Position	Paper ID	Paper Title	Group Members Name
1	93	Financial and Corporate Risk Analysis Using Large Language Models (LLMs)"	Srushti Sambare
			Sujata Khedkar
			Tasmiya Khan
			Purtee Mahajan
			Ketaki Nalawade
2	263	FastShare:A P2P file sharing platform with cloud storage integration	Dubey Roshani Satish
			Sejal Dipak Ingale
			Akash Mangilal Choudhary
			Abhishek Bharambe
			Deepali Maste

ELECTRONICS AND TELECOMMUNICATION DEPARTMENT (EXTC)

Position	Paper ID	Paper Title	Group Members Name
1	95	"Krishi Kaushal- AI rover with Precision Farming"	Sharvari Ravindra Tare
			Sambhram Santosh Shetty
			Ashwani Ravindra Sahani
			Vedant Ravindra Kokamkar
			Jyoti Sahadev Mali
2	218	Design Of Ring Oscillator Using MOSFET At 32nm AND 45nm Using MICROWIND Tool With Comparison Of Performance Parameters	Ansh Shah
			Sarveshwar Dalvi
			Pankajkumar Soni
			Swapnil Gangurde
			Mahalaxmi Palinje

COMPUTER ENGINEERING DEPARTMENT (CMPN)

Position	Paper ID	Paper Title	Group Members Name
1	257	Enhancing Breast Cancer Detection with Deep Learning: Comparative Analysis of Multiview Features Using ResNet-50 and VGG19	Rupali Patil
			V.V.Dixit
2	120	"Content-Based Recommendation Model for Intelligent Resume Screening"	Manimala Mahato
			Aagam Sheth
			Shubham Shah
			Priyanshi Doshi



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HUMANITIES AND APPLIED SCIENCES (HAS)

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 Bhopat
			Shravan Kotian
			Dyaneshwar Kulkarni
			Ayush Led
			Dr. Pinky Alexander

Track Wise Faculty Winners:

Department	Paper ID	Paper Title	Group Members Name
Electrical	240	“Decentralized Energy Trading Platforms: A Case Study Approach to Blockchain Algorithms”	Priyanka Sharma Goyal
			Dr. P. Goswami
ECS	140	Optimizing EMG Signal Analysis with Advanced Machine Learning Techniques	Dr. Sashidhar.R
			Natasha Naik
			Rujwal K
			Ruchitha Y
			Vishal D
INFT	86	MQTT-enabled Smart Home System Simulation with Edge Server	Anuradha Lumba
EXTC	221	Heart rate detection using Facial Video Systems	Jyoti Vitthal Chhatrband
			Dr.Kirti Rawal
CMPN	67	A Comparative Analysis of Explainable AI Techniques for Enhanced Model Interpretability	Mahendra Patil
			Dr. Suvarna Pansambal
			Shriya Salunkhe
			Swikruti Dongaonkar
HAS	203	RSA Algorithm For A Secure Cloud Environment	Kamaljit Kaur Bhagwat
			Sudhanshu Shekhar Dubey



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Glimpses of the valedictory of the conference:



Dr. Kavita Bani
Conference Organizing Chair



PRINCIPAL
ATHARVA COLLEGE OF ENGINEERING
MUMBAI

Dr. Ramesh Kulkarni
Principal - ACE