

7TH

SAENIS TTTMS CONFERENCE & EXHIBITION'24

INNOVATION FOR SUSTAINABLE MOBILITY

September 19-21, 2024, (Thursday – Saturday)

Best Western Resorts Country Club

Gurugram, Delhi NCR, India



7th

TTTMS

2024



ABOUT CONFERENCE

- SAENIS TTTMS (Think Tank on Thermal Management Systems) Conference is the annual flagship conference organized by SAE (Society for Automotive Engineers) Northern India section in collaboration with SAE International.
- It brings together industry experts, policymakers, thought leaders and academia to highlight and address the concurrent issues, the latest technological trends, and advancements in thermal management systems for the automotive industry.
- It is one of the most sought after and unique conference in India on thermal management systems for the automotive industry.
- The conference is allied with the global conference on Automotive Thermal Management Systems
- TTTMS '24 is the seventh edition of the conference.



THEME: INNOVATION FOR SUSTAINABLE MOBILITY

- The automotive industry is at the cusp of a structural change brought in through innovation and technological advancements. The Indian automobile industry is a key pillar in the country's economy, be it growth, affordable mobility solutions, consumer confidence, or global standing.
- The Indian automotive industry contributes 7.1% of the country's GDP. By 2026, the industry aims to be the third largest in the world, contributing 10% of India's GDP. Safe and efficient automobiles will be the cornerstone of industry growth.
- Thermal management technologies have a critical role to play in enhancing automotive efficiencies, by making engines, transmissions, and HVAC systems more efficient, as well as enhancing passenger safety. It becomes pertinent for the industry practitioners to put the technological advancements into practice and collectively address the thermal management challenges in modern automotive design.

EVENT AT A GLANCE

Dates	September 19	September 20	September 21
Inauguration on 19th September, 2024 by Our Esteemed Chief Guest & Guest of Honour			
Morning Session	<ul style="list-style-type: none"> • Theme Presentation: Invited Speakers • Technical Session 	<ul style="list-style-type: none"> • Panel Discussion: Corporate Average Fuel Economy (Impact on Vehicles Thermal Management Systems)- Challenges & Opportunities: Invited Speakers • Technical Session 	<ul style="list-style-type: none"> • Session for Students • Technical Session
Afternoon Session	<ul style="list-style-type: none"> • Panel Discussion: Emerging Challenges & Awareness Session on 'Phasing out Hydrofluorocarbons Under Kigali Amendment to the Montreal Protocol: Invited Speakers • Technical Session 	<ul style="list-style-type: none"> • Panel Discussion: Sustainable Mobility for India - Future Roadmap: Invited Speakers • Technical Session 	<ul style="list-style-type: none"> • Session for Students • Technical Session
Valedictory on 21st September, 2024 (Best Paper & Best Presentation Awards, Student Awards along with Sponsor's Felicitation)			

TECHNICAL SESSIONS

Vehicle Climate
Control

Vehicle Underhood
Thermal Management

Automotive Power-
Train Cooling

Human Comfort
Including Thermal
Comfort & Cabin Air
Quality

Alternative
Refrigerants

Thermal Systems for
Hybrid & Electric
Vehicles

Thermal System &
Components

Thermal Systems for
Heavy & Off-road
Vehicles

Waste Heat Recovery
& Regulatory Topics

Thermal
Simulation/Analysis/
Modeling

Note:

1. My Tech Zone and selected technical papers will be published through SAE International.
2. The selected papers will be presented at SAENIS TTTMS Conference & Exhibition - 2024



WHO SHOULD ATTEND?

- 01 CEOs, VPs and Senior Managers at OEMs
- 02 Group Product Directors for Hybrid and Electric Systems
- 03 Chief Engineers – BEVs
- 04 Govt. Authorities, Policy Makers & Govt. Research Associates
- 05 Heads of Vehicle Architecture
- 06 Lead Engineers, Electrified Powertrains
- 07 Technical and Innovation Managers
- 08 Head of Research, Materials and Manufacturing
- 09 Chief Scientists – Energy and Systems
- 10 Heads of Charging Infrastructure
- 11 Project Leads – Electrification
- 12 R&D Engineers – Thermal Management
- 13 Technical Leads – Energy Storage and Systems
- 14 Engineering Students, Faculty Members, Academic Researchers & Scholars

Organizer

SAE India Northern Section (NIS), is one of the five sections of Society of Automotive Engineers India for promoting membership from industries, institutions and technical colleges and for organizing activities related to mobility engineering in the Northern India Region. The society organizes technical lectures, expositions, training programs, visit to industrial facilities, scholarships, and awards for student members.

SAEINDIA
NORTHERN SECTION

SAEINDIA is a premier professional society that serves the mobility engineering community engaged in the design, manufacturing and service of self-propelled vehicles and systems that move in and, air, space and sea. It has 4,000+ professional members and 40,000 student members. SAEINDIA is the largest strategic alliance partner of SAE International.

SAEINDIA
Society of Automotive Engineers INDIA

SAE International is a global association of more than 1,28,000 engineers and related technical experts from over 100 countries representing aerospace, automotive and commercial vehicle industries, committed to advancing mobility knowledge and solutions for the benefit of humanity.

SAE
INTERNATIONAL®

Mentors-SAENIS TTTMS CONFERENCE & Exhibition'24



Dr. Tapan Sahoo
Chairman-SAENIS
Executive Director, Engg.-MSIL
Mentor-TTTMS

Mr. Balraj Bhanot
Homologation Expert,
Chairman-TEDC (BIS)
Mentor-TTTMS

Dr. Prasad Kadle
Fellow SAE
Fellow ASME
Mentor-TTTMS

Mrs. Pamela Tikku
VP & Head-Auto Group
Public Affairs, Mahindra Group
Mentor-TTTMS

Mr. Sandeep Raina
Executive Vice President-Engg.,
MSIL
Mentor-TTTMS

Mr. Sangeet H Kapoor
Technical Chief-Climate Control,
TML
Mentor-TTTMS



Mr. Arun Kumar Goel
VP & Advisor-Subros Tech Centre
Vice-Chairman-Tech, SAENIS GB
Mentor-TTTMS

Mr. Saurabh Dalela
Director
ICAT
Mentor-TTTMS

Mr. UD Bhangale
Ex-Advisor, ICAT
Executive Director, SAENIS
Mentor-TTTMS

Mr. A. Prabhakaran
Head-HVAC & Engine Cooling CoE
Senior Principal Engineer, M&M
Mentor-TTTMS

Mr. Anup Kacker
Ex-Executive Director,
SAENIS
Mentor-TTTMS

Mr. Anoop Bhat
Executive Vice President
MSIL
Mentor-TTTMS

Mr. Ramanathan Srinivasan
Managing Director
Automotive Test Systems
Mentor-TTTMS

Organizing Committee Members



Yogendra
Singh Kushwah



Shriganesh
Umbarkar



Prasanna
V Nagarhalli



Anugu
Anil Kumar



Ankit
Shukla



Somnath
Sen



Sambhaji
Jaybhay



Gurpreet
Singh Bijral



Kamal
Sethi



Anurag
Maurya



Shekhar
Bhangale



Santosh
Venu



Selvaraji
Muthu



Nitin
Dewangan



Senthilkumar
Natarajan



Tuhin
Srivastava



Saurabh
Suman



Aditya
Pratap



Akanksha
Mehra



Manisha
Thakur



Naseeb
Singh



Sumit K
Swarnkar

Organizing Committee Members



Mr. Yogendra Singh Kushwah
(Head-NTD, Subros Ltd.)
Convener, Organizing Committee
SAENIS TTTMS'24



Mr. Shriganesh Umbarkar
(Vice President, MSIL)
Chair, Organizing Committee
SAENIS TTTMS'24



Mr. Prasanna Nagarhalli
(General Manager-HVAC, TML)
Co-Chair, Organizing Committee
SAENIS TTTMS'24



Mr. Saurabh Suman
(Deputy Manager-NTD, Subros Ltd.)
Lead Co-ordinator
SAENIS TTTMS'24



Infrastructure Committee

Shekhar Bhangale
(MSIL)
Aditya Pratap
(Subros)
Akanksha Mehra
(Subros)

Finance Committee

Sambhaji Jaybhay
(TML)
Gurpreet Singh
(M&M)
Shekhar Bhangale
(MSIL)

Technical & Publications Committee

Somnath Sen
(Gensol EV)
Santosh Venu
(TML)
Praveen V
(M&M)

Marketing & Communication Committee

Anurag Maurya
(TML)
Ankit Shukla
(Subros)
Saurabh Suman
(Subros)

Operation Management Committee

Kamal Sethi
(MSIL)
Saurabh Suman
(Subros)

Awards & Recognition Committee

Anugu Anil Kumar
(M&M)
Sumit K Swarnkar
(TML)
Senthilkumar N
(AL)

Academic Interface Committee

Tuhin Srivastava
(KIET)
Selvaraji Muthu
(Mahle)
Nitin Dewangan
(John Deere)

SPONSORSHIP OPPORTUNITIES

CATEGORY

PRINCIPAL SPONSORS

INR 5,00,000

Plus GST as Applicable

*Exclusive bytes for Social Media
Marketing*

Benefits

- Backdrop & Welcome standee logo (Top space & large size)
- 5 complimentary delegates
- Complimentary exhibition space for demo vehicle/system
- Inclusion of company brochures in the welcome kit
- Prominent display of company logo on event guide
- Company logo on all conference collaterals (top space)
- Company name on lanyard
- Complimentary presentation on topics
- Promotional film of 3-5 minutes in breaks
- Promotion of company name and logo at the venue at prominent places through “Thank you sponsors” panel
- One speaker slot for corporate presentation
- Registration data sharing under mutual agreement

SPONSORSHIP OPPORTUNITIES

CATEGORY

PLATINUM SPONSORS

INR 4,00,000

Plus GST as Applicable

*Exclusive bytes for Social Media
Marketing*

Benefits

- Side backdrop logo and welcome standee logo at top space
- 4 complimentary delegate passes
- Complimentary exhibition space for demo vehicle/system
- Inclusion of company brochures in the welcome kit
- Inclusion of logo in event guide
- Logo on all promotional materials & collaterals
- Complimentary presentation on topics
- Promotional film of 3-5 minutes in breaks
- Promotion on “Thank you sponsors” panel
- One speaker slot for corporate presentation
- Registration data sharing under mutual agreement

SPONSORSHIP OPPORTUNITIES

CATEGORY

GOLD SPONSORS

INR 3,00,000

Plus GST as Applicable

Benefits

- Side backdrop logo and welcome standee logo small at bottom
- 3 complimentary delegates
- Inclusion of company brochures in the welcome kit
- Inclusion of logo in Event Guide
- Promotion of company name and logo at the venue at prominent places through “Thank you sponsors” panel

SPONSORSHIP OPPORTUNITIES

CATEGORY

SILVER SPONSORS

INR 2,00,000

Plus GST as Applicable

Benefits

- Logo on standees
- 2 complimentary delegates
- Inclusion of company brochures in the welcome kit
- Inclusion of logo in Event Guide
- Promotion of company name and logo at the venue at prominent places through "Thank you sponsors" panel

CATEGORY

BRONZE SPONSORS

INR 1,00,000 Plus GST as Applicable

- 1 complimentary delegate
- Inclusion of company brochures in the welcome kit
- Inclusion of logo in Event Guide

STARTUP PAVILION

INR 1,50,000 Plus GST as Applicable

- 2m x 2m Space along with one table & three chairs will be provided (Provision of One Standee in the Background)
- 1 Complementary delegate

CONFERENCE FEE



Category	Industry (Delegate)	Industry (Author)	Academia (Delegate)	Academia (Author)	Student (Delegate)	Student (Author)	Fee (Abroad)
SAE Member	INR 8500 + Taxes	INR 7500 + Taxes	INR 3500 + Taxes	INR 2500 + Taxes	INR 1500 + Taxes	INR 1000 + Taxes	USD 100 + Taxes
Non-SAE Member	INR 9500 + Taxes	INR 8500 + Taxes	INR 4500 + Taxes	INR 4000 + Taxes	INR 2000 + Taxes	INR 1500 + Taxes	USD 150 + Taxes

Glimpses from Past Editions



Last Year Sponsors



Title Sponsors



Gold Sponsor



TACO AIR INTERNATIONAL

Silver Sponsors



Bronze Sponsors



Associate Sponsor



Knowledge Partners



Organisers



Best Western Country Resorts Club, Gurugram



VENUE AT A
GLANCE





CONNECT WITH US

For Paper/Presentations/Acomodation:

Saurabh Suman

Contact: (+91) 8433235236

Email: saenis.tttms@saenis.org

For Sponsorship & Registration:

Mr. Shekhar Bhangale (+91 9022931309)

Email: Shekhar.Bhangale@maruti.co.in

Mr. Sambhaji Jaybhay (+91 7276097172)

Email: s.jaybhay@tatamotors.com

Mr. Gurpreet Singh Birjral (+91 9940105654)

Email: Bijral.Gurpreet@mahindra.com



THANK YOU

www.saenis.org