# **SAENIS TTTMS CONFERENCE & EXHIBITION'24**

#### **INNOVATION FOR SUSTAINABLE MOBILITY**

September 19-21, 2024, (Thursday – Saturday) Best Western Resorts Country Club Gurugram, Delhi NCR, India









### **ABOUT CONFERENCE**

- Northern India section in collaboration with SAE International.
- management systems for the automotive industry.
- Management Systems
- TTTMS '24 is the seventh edition of the conference.

• SAENIS TTTMS (Think Tank on Thermal Management Systems) Conference is the annual flagship conference organized by SAE (Society for Automotive Engineers)

• 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

• The conference is allied with the global conference on Automotive Thermal

### **THEME: INNOVATION FOR SUSTAINABLE MOBILITY**

- mobility solutions, consumer confidence, or global standing.
- industry growth.
- modern automotive design.

• 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

• 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

• 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

# 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> <li>Theme Presentation: Invited Speakers</li> <li>Technical Session</li> </ul>	<ul> <li>Panel Discussion: Corporate Average Fuel Economy (Impact on Vehicles Thermal Management Systems)- Challenges &amp; Opportunities: Invited Speakers</li> <li>Technical Session</li> </ul>	<ul><li>Session for Students</li><li>Technical Session</li></ul>	
Afternoon Session	<ul> <li>Panel Discussion: Emerging Challenges &amp; Awareness Session on 'Phasing out Hydrofluorocarbons Under Kigali Amendment to the Montreal Protocol: Invited Speakers</li> <li>Technical Session</li> </ul>	<ul> <li>Panel Discussion: Sustainable Mobility for India - Future Roadmap: Invited Speakers</li> <li>Technical Session</li> </ul>	<ul><li>Session for Students</li><li>Technical Session</li></ul>	

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	l C
Thermal Systems for Hybrid & Electric Vehicles	Thermal System & Components	Thermal Systems for Heavy & Off-road Vehicles	Wa &
	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

Human Comfort Including Thermal Comfort & Cabin Air Quality

Alternative Refrigerants

/aste Heat Recovery & Regulatory Topics Thermal Simulation/Analysis/ Modeling

d through SAE International. Inference & Exhibition - 2024

	<b>01</b> CEOs, VPs and Senior Managers at O
	<b>02</b> Group Product Directors for Hybrid a
	<b>03</b> Chief Engineers – BEVs
	04 Govt. Authorities, Policy Makers & Go
	<b>05</b> Heads of Vehicle Architecture
	06 Lead Engineers, Electrified Powertra
<u>fu diuuu</u>	<b>07</b> Technical and Innovation Managers
MHEND9/1-3	08 Head of Research, Materials and Mar
HILLE	<b>09</b> Chief Scientists – Energy and System
	<b>10</b> Heads of Charging Infrastructure
	<b>11</b> Project Leads – Electrification
	<b>12</b> R&D Engineers – Thermal Manageme
	<b>13</b> Technical Leads – Energy Storage an
	14 Engineering Students, Faculty Mem

#### OEMs

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bers, Academic Researchers & Scholars



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 for colleges and organizing activities related to mobility engineering in the Northern India Region. The society organizes expositions, technical lectures, training programs, visit to industrial facilities, scholarships, and awards for student members.

SAEINDIA is premier а professional society that serves mobility the 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 members. 40,000 student SAEINDIA is the largest strategic alliance of partner SAE International.





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



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

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



Gurpreet Singh Bijral



Senthilkumar Natarajan



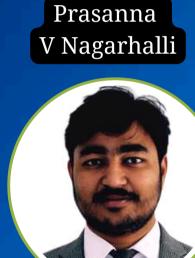
Shriganesh Umbarkar



Kamal Sethi

Tuhin

Srivastava



Anurag Maurya

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Pratap

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Anugu Anil Kumar



Shekhar Bhangale



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Santosh Venu



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Sambhaji Jaybhay



Nitin Dewangan



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Manisha Thakur

Naseeb Singh

## **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** 

Infrastructure Committee	Finance Committee	Technical & Publications Committee	Marketing & Communication Committee	Ope Mana Com
<b>Shekhar Bhangale</b> (MSIL)	Sambhaji Jaybhay (TML)	Somnath Sen (Gensol EV)	Anurag Maurya	Kam
<b>Aditya Pratap</b> (Subros)	<b>Gurpreet Singh</b> (M&M)	Santosh Venu (TML)	Ankit Shukla (Subros)	(N Saural
<b>Akanksha Mehra</b> (Subros)	Shekhar Bhangale (MSIL)	<b>Praveen V</b> (M&M)	Saurabh Suman (Subros)	(Sı



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

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mal Sethi (MSIL) rabh 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)

#### 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

### **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

#### **CATEGORY**

### **PLATINUM SPONSORS**

#### **INR 4,00,000**

Plus GST as Applicable

Exclusive bytes for Social Media Marketing

#### **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



### CATEGORY **SILVER SPONSORS INR 2,00,000**

Plus GST as Applicable

#### CATEGORY

## **BRONZE SPONSORS**

**INR 1,00,000** Plus GST as Applicable

## **STARTUP PAVILION**

**INR 1,50,000** 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
  - 1 complimentary delegate
- Inclusion of company brochures in the welcome kit
- - 1 Complementary delegate

Inclusion of logo in Event Guide

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

# CONFERENCE FEE



Category	Industry	Industry	Academia	Academia
	(Delegate)	(Author)	(Delegate)	(Author)
SAE	INR 8500	INR 7500	INR 3500	INR 2500
Member	+ Taxes	+ Taxes	+ Taxes	+ Taxes
Non-SAE	INR 9500	INR 8500	INR 4500	INR 4000
Member	+ Taxes	+ Taxes	+ Taxes	+ Taxes

#### Student (Delegate)

Student (Author)

Fee (Abroad)

#### INR 1500 <u>+ T</u>axes

INR 1000 + Taxes

USD 100 + Taxes

INR 2000 + Taxes INR 1500 + Taxes USD 150 + Taxes

# **Glimpses from Past Editions**

















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#### **Title Sponsors**





#### **Gold Sponsor**

#### Best Western Country Resorts Club, Gurugram

### VENUE AT A GLANCE



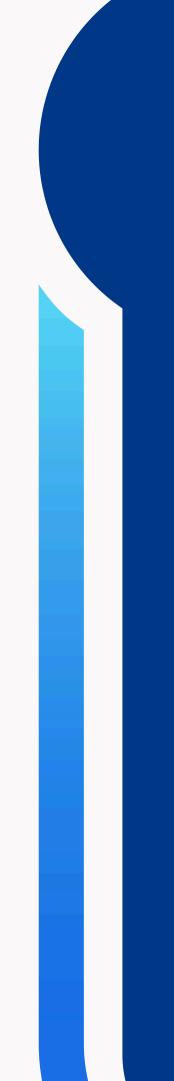




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