



First
Announcement



International Conference on **AUTOMOTIVE MATERIALS & MANUFACTURING 2020**

3rd & 4th December 2020



Organised by

ARAI

Progress through Research

The Automotive Research Association of India

In partnership with



In association with

ACMA, COEP, IIT- Kanpur, IIT - Mumbai, NCL, DRDL, ARDE,
ARC-Hyderabad, Bharat Forge, Tata Motors



DIRECTOR'S MESSAGE

I am happy to announce 3rd edition of **International Conference on Automotive Materials and Manufacturing 2020 (AM&M 2020)**, jointly organized by ARAI, ASM & SAEINDIA, on 3rd & 4th December 2020 on digital platform. The Conference mainly focuses on use of state-of-the-art technologies in **Future Automotive Materials and Manufacturing, for Automotive and Ancillary Industry** in line with Hon'ble Primer Minister's Atmanirbhar Bharat program.

The theme of AM&M 2020 is "**Advances in Automotive Materials and Manufacturing for Future Mobility**".

AM&M 2020 will bring together renowned experts, technocrats and professionals in the field of materials and manufacturing technologies to exchange the innovative ideas, future technological options, etc. AM&M 2020 will provide platform for presentation of technical keynotes on Smart Materials and Manufacturing Practices, High Strength Materials, Composite Materials, Light Weighting of Automotive components, Durable Materials from Aircraft & Defence Industry. New Generation Materials for E-mobility, Hybrid and Fuel Cell Vehicles, Recycling, Reuse of Materials, etc.

I am sure, outcome of AM&M 2020 will provide efficient solutions in terms of performance and material life at economical scale.

Industry Revolution 4.0 and its success stories in manufacturing processes will throw light on OEMs, Tier 1 and Tier 2 manufacturers. The Conference will provide opportunity to the industry professional technocrats to present progress & new opportunities in manufacturing technologies. Additive Manufacturing Techniques are supporting Industry for timely solutions, alternative designs and materials in automotive industry.

Panel Discussion on the theme of the Conference is scheduled on 4th December 2020, wherein eminent personalities in the field will participate and discuss on the topics of interest, like Aerospace Materials, Nano-Materials, & Advanced Material Technologies, etc.

AM&M 2020 is organised in association with ACMA, COEP, IIT- Kanpur, IIT - Mumbai, NCL, DRDL, ARDE, ARC-Hyderabad, Bharat Forge, Tata Motors.

I would like to make an appeal to the entire Mobility Industry, Industry Bodies and Associations, Academia, Research Organizations, and all the ecosystem stakeholders to support this conference in terms of high quality of presentations, delegate participation and publicity in their organisations.

We are geared up to make the Conference successful in all respect and solicit wholehearted support of all the stakeholders.

Neelkanth V. Marathe

Officiating Director - ARAI Pune

TOPICS

MATERIALS

- Light-weight Materials
- Advanced Material Characterization Techniques
- Composite / Polymeric Materials
- Surface Coating
- Simulation, Mathematical Modelling, ICME
- Materials for e-mobility
- Recycling and Reuse

MANUFACTURING

- Advanced Forming Processes
- Advanced Metal Joining Processes
- Process Improvements in Foundry and Forging
- Process Design & Simulation
- Additive Manufacturing (3D printing)
- RP Techniques in Tooling Manufacturing
- Industry 4.0 and Artificial Intelligence for Material Science and Manufacturing

CONFERENCE SCHEDULE

3rd Dec. 2020

Timings	Activity
	Delegate Registration -1 day in advance
09:00 - 09:30	Inaugural function
09:30 - 12:00	Technical Session 1
18:00 - 20:00	Technical Session 2

4th Dec. 2020

Timings	Activity
09:00 - 11:30	Technical Session 3
17:30 - 19:30	Technical Session 4
19:30 - 20:30	Panel Discussions
20:30 - 21:00	Valedictory Function

FEES STRUCTURE

Category	Indian National (₹)	Foreign National (\$)
Delegates		
1.Industry	2,000	100
2.Academy Professor	1,000	75
3.Students (limited seats)	600	25

- Delegate fee is exclusive of GST and GST would be additionally charged at prevailing rate at the time of delegate registration fees payment.
- 10% Discount for 3 and more delegates from same industry or Institute.
- 15% Individual discount for ARAI, ASM, SAE & AIFI members.
- Only one type of discount will be applicable.

DELEGATE FEES

Delegate fees is payable by Demand Draft/ Cheque drawn in favour of " The Automotive Research Association of India", payable at Pune, India.

RTGS to

Bank Name : **Bank of Baroda**

Bank A/C. No : **04470200000280**

IFSC/RTGS/NEFT Code : **BARBOKARVER (fifth digit is zero)**

GST Provisional ID : 27AAATT1989P1ZL

State for Operation : Maharashtra

PAN : AAATT1989P | TAN : PNET00006G

Email ID for communication details of remittance : AMM2020@araiindia.com

SPONSORSHIP DETAILS

Sponsor would have access to multi domain branding. Sponsorship details are as given below.
For sponsorship details please contact : msc_amm2020@araiindia.com

Sponsor Package	Amount (Rs.in Lakh)	Logo on Conference Proceedings, Branding Material and App (as applicable)	No. of Complimentary Delegates
Platinum	1	Yes	5
Gold	0.5	Yes	2

For registration and other details, please contact : AMM2020@araiindia.com

ARAI
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The Automotive Research Association of India

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Mr. Sanjay S. Nibandhe
Convener, AM&M 2020

Deputy Director – ARAI-Chakan Operations
Chairman, SAEINDIA Western Section



ARAI, Kothrud



ARAI HTC, Chakan



ARAI FID, Chakan