

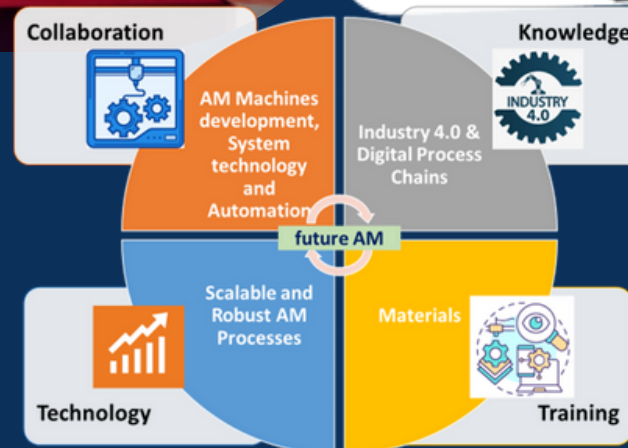


# ADDITIVE MANUFACTURING RESEARCHERS CONCLAVE

"On the occasion of Engineers' Day celebrations"

18-19, September 2024

Venue: CMTI, Bengaluru



Panel Discussions Keynote Addresses Exhibit

## Workshop Objectives

Additive Manufacturing (AM) holds significant potential for transforming Indian manufacturing. Despite the progress, several challenges hinder the adoption of AM technology as an industrial production process. These challenges include high investment costs, poor standardization, limited availability of materials, lack of domestically manufactured AM machines, and supply chain issues for major subsystems like energy sources. Collaboration between industry, academia, and policymakers is crucial for driving this technology forward and facilitating broader adoption across various sectors. To aggregate AM technologies developed within India and explore future opportunities for developing the AM technology ecosystem, CMTI proposes hosting the "AM Researchers Conclave" on September 18-19, 2024, coinciding with Engineers' Day celebrations at CMTI. Indian researchers from academia, research institutions, and industry who have developed AM technologies up to Technology Readiness Level (TRL) 4/5 are invited to join this Conclave. The event will focus on discussions about leveraging these demonstrated technologies as low-hanging fruits to foster innovation and accelerate the adoption of AM in industry as a production process.

## Themes

This conclave aims to aggregate the innovative technologies demonstrated in India that are at TRL-4/5 levels on selected themes:

- **Supply Chain: AM machines developed in India, Materials and Software**
- **Applications of AM for defence, automotive, heavy engineering, aerospace and biomedical**
- **Other applications (AM for Food, Construction)**

In this conclave, while Indian researchers share their experiences and techniques that are promising to technologies, expert talks and panel discussions would set the direction for better AM growth in Indian Manufacturing.

## Who can attend

We warmly welcome experts, scholars, and scientific & technical officers to participate in this conclave in the field of Additive Manufacturing and its applications. For attending the expert talks, researchers from academia, research institutions, and industries interested in AM technologies can join the audience through registration.



## Keynote Speakers

1. Prof. K. P. Karunakaran, IIT Bombay
2. Dr. C P Paul, Raja Ramanna Centre for Advanced Technology
3. Dr. Aditya Kr. Lohar, Central Mechanical Engineering Research Institute
4. Dr. K R Ravi, IIT Jodhpur
5. Mr. Nikhil Agrawal, Francis Klein & Company Pvt Ltd.
6. Dr. Ramachandran, Bharathiyar University
7. Dr. I.A. Palani, IIT Indore
8. Mr. Yathiraj Kasal and Bhanu Prakash, Wipro 3D
9. Prof. A K Nath, IIT Kharagpur
10. Mr. Shripathi V, Hexagon
11. Mr. H. Balaji, Aeronautical Development Agency
12. Dr. S M Shariff, ARCI- Hyderabad
13. Dr. Gururaj Telasang, ARCI- Hyderabad
14. Dr. Mukesh Agarwala, 3D Product Development
15. Mr. Maltesh Somasekharappa, Supercraft 3D
16. Dr. Sunit Rane, Centre for Materials for Electronics Technology- Pune
17. Mr. Jagannath Varadaraja Iyengar, M2nxt Solutions Private Limited
18. Dr. N. Venkata Reddy, IIT Hyderabad
19. Dr. N. Venkaiah, Professor, IIT Tirupati
20. Dr. Dheepa Srinivasan, Ramaiah University of Applied Sciences

## Panelists

1. Mr. Jaspreet Sidhu, National Centre for Additive Manufacturing
2. Dr. L Jyothish Kumar, Additive Manufacturing Society of India
3. Dr. Shibu John, 3D Graphy
4. Dr. Sankha dip Das, Ministry of Electronics and Information Technology
5. Prof. Sriram Venkatesh, Osmania University

We extend a warm invitation to scholars and students to present their research topics in the field of additive manufacturing. We are pleased to offer 10-minute presentation slots, and we kindly request that the focus be on application-related domains, new processes, or technology developments in AM. Abstract submissions can be sent to [amtg.cmti@gmail.com](mailto:amtg.cmti@gmail.com).



## Registration Fee for Participants\*

Category	Registration Fee
Research Scholars/ Students	Rs. 500
Delegates from Academia (Faculty, Post-doctoral Fellows, And public sector R&Ds), Industries	Rs. 1000

\*The registration fee only applies to non-presenters

## Payment Mode

[REGISTER NOW](#)

Interested participants shall register by using the google forms from the link <https://forms.gle/d79A3bFKLmsN4KPF6> and complete the payment by September 10, 2024. A registration confirmation letter will be sent to you via e-mail on receipt of the payment.

## Contact

**Mr. Vinod A R, Mr. Manjunath B N, Dr. Anusha. E**

Organizing Committee, Additive Manufacturing Group,  
Centre for Additive and Special Manufacturing Processes,

Central Manufacturing Technology Institute  
Tumkur Road, Bengaluru

[www.cmti.res.in](http://www.cmti.res.in)

+91 9743196855 (Mr. A R Vinod)  
+91 9591404105 (Mr. Manjunath B N)  
+91 7382413886 (Dr. Anusha)  
[amtg.cmti@gmail.com](mailto:amtg.cmti@gmail.com)

