

GOLDEN JUBILEE CELEBRATIONS  
**50**  
years of PMAI



**POWDER METALLURGY  
ASSOCIATION OF  
INDIA**

**1<sup>st</sup>**

**ANNOUNCEMENT  
& CALL FOR PAPERS**

**PM-24**

**INTERNATIONAL CONFERENCE  
ON POWDER METALLURGY &  
PARTICULATE MATERIALS + EXHIBITION**

**&  
49<sup>th</sup> ANNUAL TECHNICAL MEETING OF PMAI**



**Sun 25<sup>th</sup> to Wed 28<sup>th</sup>,  
February 2024**



**Hyatt Regency**  
Weikfield IT Citi Info Park, Viman Nagar,  
Pune - 411 014, INDIA



**For Abstract submission at  
Easy Chair  
For Delegate Registration  
at [www.pmai.in](http://www.pmai.in)**

[www.pmai.in](http://www.pmai.in)

The **Powder Metallurgy Association of India** an association of Indian and overseas PM professionals from industry, research institutions and academia, is conducting its annual international conference for the year 2024 in Pune.

## Venue:

### Hyatt Regency

Weikfield IT Citi Info Park, Viman Nagar,  
Pune - 411 014, INDIA



## Technical Sessions

Powder Metallurgy (PM) is a technique in which particulate materials are blended, compacted and sintered to the desired end-use product. Few of the advantages the PM offers over other metal forming technologies such as forging and metal casting are advantages in material utilization, shape complexity, near-net-shape dimensional control, etc. Over the past few years, PM has been widely recognized as a preferred process for producing high-quality parts for diversified applications. The development of lifestyle & health devices, VVT, hybrid vehicles, electric vehicles, fuel cells, catalytic converters, composite electrical contacts, advanced sensors, light weight components and thermoelectric devices have been made possible by the use of several technologies that comprise the science & practice of PM. This conference addresses these and related developments by way of presentations made by experts in each field. The conference attendees will have access to more than 100 technical presentations from worldwide experts presenting the latest technology developments in this fast-growing field. Also, they will have a golden opportunity to get their research published in renowned international journals. The concurrent 49th Annual Technical Meet of PMAI provides a platform for industrialists, researchers and students from scientific establishments & academia to present their work.

## Topics

Industrial PM (Press and Sinter) Technology for Auto, Electrical And M/C Parts	Additive Manufacturing (AM)
Powder Injection Molding (MIM CIM)	Testing & Data Mining
Compaction & Other Forming Processes	Heat Treatment & Surface Engineering
Compaction Equipment	Materials For Energy Generation & Storage
Sintering & Post Sintering Processes	Laser Sintering, Cladding and Coating
Hard Metals & Diamond Tools	Dimensional Control
Development Of Materials & Alloys for Emerging Applications	Spark Plasma & Hot Press Sintering
Refractory Metals	PM Factory Automation
Technical Ceramics & Composites	Magnetic Materials
Modeling & Simulation	Materials For Aerospace, Defence & Nuclear Apps.
Powder Production and Characterization	Binder And Feedstock Development
PM In Bio-Medical Apps & Devices	Hot Isostatic Pressing (HIP)
Functionally Gradient Materials	Waste Management
Vehicle Weight Reduction	Porous Materials
E-mobility & Electric Vehicle	Battery & Energy Materials

- Industry Presentations on Product and Services
- Start up can Present related to Conference Broad Themes

## Call for Papers

Extended abstracts (Max.500 words) are to be submitted electronically on **EasyChair** (On Online Only) before the deadline. All accepted abstracts from authors who are registered delegates will be published in the conference guide and distributed to all attendees.

## Deadlines

- Submission of abstracts for Oral/Poster Presentation 15<sup>th</sup> Dec, 2023
- Acceptance of abstracts 30<sup>th</sup> Dec, 2023
- Submission of the complete paper\* 15<sup>th</sup> Jan, 2024



**TRANSACTIONS OF POWDER  
METALLURGY ASSOCIATION OF INDIA**

\*Only complete papers that are received by the deadline and presented at the conference will be published in the **Transactions of Powder Metallurgy Association of India** (after peer-review).



## PMAI Awards:

Several Prestigious Awards will be presented during PM24.

### Award for Industry:

Awards are presented to the best PM Products (PM Parts, PM Equipment, PM Raw Materials, PM Processes)

### Award for Students and Young Professionals:

- **Prof. G.S. Tendolkar Award-** Cash prize & certificate for the best paper on the fundamentals of powder metallurgy
- **PMAI award for A Young Promising Professional-** Cash prize & certificate for the best paper of industrial relevance.

## Exhibition and Sponsorship:

Exhibitor Booths are reserved for our sponsors.

**Exhibition will take place on 26<sup>th</sup> and 27<sup>th</sup> February 2024.**

Details hereunder:

Type	Amount	Benefits
Platinum Title Sponsor	INR ₹5,00,000/- US \$ 6250 EUR € 5750	Display of logo on top of every platform Two free stalls in exhibition Seven free delegates registration A4 page advertisement in softcopy of souvenir 10 minutes product presentation
Diamond Cultural Event Sponsor	INR ₹4,00,000/- US \$ 5000 EUR € 4600	Banner display during the dinner One free stall in exhibition and second at 50% discount of Rs. 75,000/- Five free delegates registration A4 page advertisement in softcopy of souvenir
Gold Sponsor	INR ₹3,50,000/- US \$ 4375 EUR € 4000	Display of Logo on Banner One free Stall in exhibition and second at 50% discount of Rs. 75,000/- Three Free delegates registration A4 page advertisement in softcopy of souvenir 10 minutes product presentation
Silver Sponsor	INR ₹2,50,000/- US \$ 3125 EUR € 2875	Display of Logo on Banner One free Stall in exhibition Three Free delegates registration A4 page advertisement in softcopy of souvenir

A Souvenir will be published during the conference giving detailed programs, technical sessions & other details.

**A full-page advertisement in Souvenir – INR 40,000/-**

Interested parties may please contact us at [director@pmai.in](mailto:director@pmai.in)

PMAI offers other sponsorship opportunities like; Delegate kit bag, Notepad, Pen, Gala dinner and is willing to discuss other innovative ideas. Write to us at [director@pmai.in](mailto:director@pmai.in)

\*Rupee payments are acceptable only from firms / companies incorporated in India.

\*\*All Sponsorship amounts are inclusive of GST by RCM.

## Accommodation

Hotel Hyatt Regency, the venue of conference has available rooms.

Several Hotels are available in vicinity such as Novotel, Hotel Hyatt, Kalyani Nagar etc.

PMAI will assist with reservation of rooms for all Sponsors at or very near the exhibition venue.

### AIRPORT:

Pune has one Airport (about 15minute drive from the venue) – the Pune International Airport which have connections to few international airports as well as to all Indian cities.

Pre-paid taxis are available at these airports (the fare to the venue is approximately Rs. 200/= (~USD 3/-) one way).

### Weather:

February month in Pune is pleasant with temperature ranging from 12°C to 23°C. It does not generally rain at this time.

## DELEGATE REGISTRATION FORM

### Registration & Payment options:

- Register online & pay with debit / credit card at [www.pmai.in](http://www.pmai.in) or [www.pmai.in/PM-24](http://www.pmai.in/PM-24)
- Send the form shown below with your cheque / DD or proof of wire transfer to the PMAI Office (address bottom left)

Title (Mr. Ms. Dr. Prof. etc.) *			
Given name *		Family name *	
Company/ Institution *			
Designation			
Work address			
City/ Town *		Pin code *	Country *
Telephone (add country code)		Mobile (Only for SMS's related to this event)	
Email (work) *		Email (home)	

\* **Mandatory**

DELEGATE TYPE	AMOUNT PAYABLE PER DELEGATE (**)		
	Rs (₹)	USD(\$)	Euro(€)
NON-MEMBER	14,000	175	161
LIFE MEMBER	12,000	150	138
ACADEMIA	10,000	125	115
STUDENT	6,000	75	69

(\*\*) Rupee (Rs.) INR payment only for individual's resident in India, others have to pay in USD (\$) 18% GST is included. Invoices will show tax separately.

The delegate fee includes: Entry to Technical Sessions, Lunch & Tea, Conference kit bag, Conference guide, Exhibition access (also open to the public) and invitation to the Conference Gala Dinners & other sponsored events.

Extra lunch coupons for guests of delegates and exhibitors are available @ Rs.3000/- each at the registration desk.

Speakers are required to register as delegates. Certificates of participation will be issued on request only for those who attend the conference.

### Payment Options: Payment is to be made out to "Powder Metallurgy Association of India"

By Cheque or Demand Drafts	Inland wire transfer (NEFT/RTGS) Deposit	Overseas wire transfers in USD
Send it along with a covering note to: Treasurer Powder Metallurgy Association of India Unit 401, K Square, P.K. Shroff Road Near Union Bank, Baner Pune -411045. INDIA.	Bank: Canara Bank Branch: IIT Powai branch Account No.: 2724101092229 IFSC Code: CNRB0002724	Remit to Canara Bank Account No: 2724101092229 favoring Powder Metallurgy Association of India, Canara Bank, IIT Powai, Mumbai, India. TYPE MT103, SWIFT CODE: CNRBINBBBFD

### Conference Organization

#### PMAI Office Bearers: -

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**Venkateswaran C.**, Fluidtherm, Chennai

#### Conference Secretariat

**Commercial aspects:**  
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**K.S. Samant** +91 9820951180

**Technical aspects:**  
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#### Registered Office

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