POWDER METALLURGY ASSOCIATION OF INDIA

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Editorial

Dear Friends, PMAI Well Wishers,

As we commence the last quarter of 2027, global conflicts continue and geopolitical realignments are well underway. India remains a Global Outlier, with clear and visible growth opportunities over the next decade.

Our PM Ecosystem continues to grow from strength to strength, bolstered by our domestic economic resilience, which reflects in strong growth of automotive sales - the most important market for our PM Industry.

Our Newsletter contains the important report about World PM26 and APMA Board Meeting presented by our Vice President, and Designated Principal Representative of PMAI - Mr. Niranjan Narkhede.

For PMAI, second half of FY27 will have high impact activities including out very popular GD&T program to train students, PMAI Pavilion at Bharat Mobility at Yashobhoomi Dwarka, New Delhi from 4 to 7 February 2027, and, our Flagship Event - Our International Conference and Exhibition, which will be held in Hyderabad -24 to 26 February 2027.

Please keep track of forthcoming activities, by visiting our website www.pmai.in and our linkedin page.

I wish all of you the very best for the coming days.

Warm regards,

Aniket Gore

INTERNATIONAL CONFERENCE ON POWDER METALLURGY & PARTICULATE MATERIALS + EXHIBITION & 52nd ANNUAL TECHNICAL MEETING OF PMAI

PM 27

Wed 24th to Fri 26th, February 2027

ORGANIZED BY
POWDER METALLURGY ASSOCIATION OF INDIA

IN COLLABORATION WITH
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD &
INTERNATIONAL ADVANCED RESEARCH CENTRE FOR POWDER METALLURGY AND NEW MATERIALS (ARCI), HYDERABAD

Venue: Convention Centre, Indian Institute of Technology Hyderabad Kandi, Sangareddy, Telangana, 502284, India

Details & online registration at www.pmai.in/pm27

APMA UPDATE and PMAI at World PM 2026



The Asian Powder Metallurgy Association meets regularly in conjunction with Important Powder Metallurgy Events to discuss progress and deliberate about Joint Initiatives to Promote Powder Metallurgy in Asia.

During the World PM 2026 held in Montreal - On Friday, 26th June, 2026 the APMA Board meeting was held at the Palais de Congres de Montreal. Mr. Niranjan Narkhede, Vice President of PMAI attended the meeting on behalf of PMAI.

Some relevant Decisions:

- Prof Shaoming Zhang, President of CPMA took over Presidency of APMA from Outgoing President Mr. C L Chu whose stellar efforts and guidance during his tenure were highly appreciated by all members.
- Management of APMA Financial Affairs were passed on to JSPM, and important amendments to byelaws were unanimously approved to further strengthen APMAs Organisational and Financial Network.

PMAI was represented at **PM World Congress & Exhibition** held , at the **Palais des congrès de Montréal** in Montreal, Canada by our Vice President Mr.Niranjan Narkhede of Egaerz Pvt. Ltd.Pune, India.

WorldPM2026: A Global Platform for Powder Metallurgy



WorldPM2026, held from 24 to 29 June 2026 in Montreal, Canada, was an important event for the global powder metallurgy industry. WorldPM2026 featured two important highlights: **The International Powder Metallurgy Conference** and the **20th Asia Pacific Powder Metallurgy Association (APMA) Board of Directors Meeting**. Both provided valuable opportunities to share knowledge, learn from industry experts and discuss the future of the industry.

The conference was a great learning experience, with many research papers and presentations by experienced professionals and researchers from across the world. The global powder metallurgy report highlighted that Asia is growing faster in powder metallurgy than Europe and America, with India emerging as an important contributor to this growth.

India had a strong presence at the conference, with a record thirteen papers presented by researchers and industry professionals from Pune, Ahmednagar and Hosur. The papers covered a wide range of topics, including new product applications, manufacturing improvements, energy-saving methods, better production practices and innovative processes. These contributions reflected the growing knowledge and capabilities of India's powder metallurgy industry.

Several Indian companies, including Sarda Metal Powders and Innomet Advanced Materials, along with many others, also participated in the exhibition. Their stalls showcased Indian products, technologies and manufacturing capabilities, highlighting the progress made by Indian companies and their growing presence in the global market.

The 20th APMA Board of Directors Meeting focused on ways to further develop and promote powder metallurgy across Asia. Discussions highlighted the importance of cooperation, sharing knowledge and working together to support the industry's growth.

PMAI would like to extend our **sincere congratulations to Prof. Shaoming Zhang on being elected as the new APMA President** and wish him success in taking the association forward.

Having attended WorldPM2026 on behalf of the Powder Metallurgy Association of India (PMAI), I am proud to see the progress made by our industry. The strong participation of Indian researchers and companies shows that India is steadily strengthening its position in the global powder metallurgy community. With continued innovation, knowledge sharing and international cooperation, I believe India has a bright future in powder metallurgy and will play an increasingly important role in the years ahead.

Niranjan Narkhede

Managing Director – EgearzPvt. Ltd. (Speciality Sintered Group of Companies) and

Vice President, Powder Metallurgy Association of India (PMAI)

PMAI Pavilion at Bharat Mobility 2027 at New Delhi



PMAI would be participating in Bharat Mobility Exhibition which will be held in Delhi Region between 4 and 9 February 2027 to initiate engagements with Indian Automotive OEM's, Tier 1 and Tier 2 suppliers. Bharat Mobility is the Expo showcasing our PM Component Makers in a dedicated area, which will help the Auto Component Ecosystem Buyers engage with Part Makers in a focused and time efficient manner. The Auto Component Expo which is part of Bharat Mobility is the most important primary venue where entire Procurement Chain for Powder Metal Parts visit.

PMAI has engaged with ACMA, and have secured from them the agreement to host a pavilion where PM Part Makers and Value Chain Partners can exhibit and display their solutions during 4th to 7th February 2027 at Yashobhoomi, Dwarka, Delhi.

We have in some leading PM Part Makers and powder manufacturers to be part of such an initiative. We will be preparing targeted personal messaging for buyers from all Critical Auto OEM's, Tier 1 and Tier 2 suppliers. Our efforts will include focused inputs on Press and Sinter PM - gallery of PM Parts, emerging opportunities for the future for the Indian Market - and some successful conversion examples. PMAI genuinely believes that this is a Game Changer Opportunity for PM Part Makers, allowing for a targeted and focussed approach to the Customer.

Pavilion partners

Hoganas India Pvt. Ltd.

High Tech Sintered Products Pvt. Ltd.

Pometon India Pvt. Ltd.

Porite India Pvt. Ltd.

Sintbush India Pvt. Ltd.

SLM Metals Pvt. Ltd.

Speciality Sintered Products Pvt. Ltd.

STALL LAYOUT NEAR RAJKOT PAVILION

H4-A18	H4-A17	H4-A16	H4-A15	H4-A14	H4-A13	H4-A12	H4-A11
SLM Metals Pvt. Ltd.	Sintbush India Pvt. Ltd.	High Tech Sintered Pvt. Ltd.	Pometon India Pvt. Ltd.	PMAI	Porite India Pvt. Ltd.	Hoganas India Pvt. Ltd.	Speciality Sintered Products Pvt. Ltd.
6x3	3x3	4x3	3x3	4x3	5x3	6x3	8x3

Member News

Porite India: Establishment of a Micro-Bearing Manufacturing Facility in Pune

The Indian powder metallurgy industry continues to witness advancements in manufacturing technology and increased investment in localized production capabilities. In a recent development, Porite India has established a micro-bearing manufacturing facility at its Pune plant to address the growing requirements of the domestic market.

The facility has been developed with an investment of approximately INR 300 million and follows manufacturing standards benchmarked against Porite Japan. This development reflects the increasing emphasis on strengthening domestic manufacturing capabilities, enhancing localization, and bringing specialized sintered-bearing technology closer to Indian customers.

The facility has already commenced work on several projects, indicating growing application opportunities for locally manufactured micro-bearings. The development also highlights the importance of technology transfer, process standardization, and the adoption of advanced manufacturing practices in India's powder metallurgy sector.

With the Porite Group's established experience in high-volume bearing production, including manufacturing capabilities exceeding 10 million parts per day across its operations, this investment represents a notable development in the expansion of specialized sintered-component manufacturing capabilities in India.

Welcome to PMAI Family

Corporate Members

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Sustaining Member

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Mr. Rajendra Sethiya, memebr and past vice president of PMAI has been Awarded Membership of American Powder Metallurgy Institute **(APMI International)**

He has been also invited to **Metal Powder Industries Federation (MPIF) USA** to join **Technical Program Committee** of International Conference **PowderMet2027** to be held at Buffalo, New York, USA from June 20-23, 2027.

International Conference PM27

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 2027 in Hyderabad.

Venue: Convention Centre, Indian Institute of Technology Hyderabad, Kandi, Sangareddy, Telangana - 502284, India

Conference Language: English





Technical Sessions

Powder metallurgy, the preferred net shaping method for manufacturing complex parts in steel, stainless steel, copper alloys, refractory metals, hard metals, heavy metals, ceramics and composites has been around for some time but is now getting a boost with increased energy and environment consciousness. 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 Powder Metallurgy and Particulate Materials. The conference addresses these and related developments by way of presentations made by experts in each field during the plenary sessions.

The concurrent 52nd Annual Technical Meet of PMAI provides a platform for researchers from industry & 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

- **Special Sessions on Additive Manufacturing and MIM / PIM / Space Applications**
- **Industry Presentations on Product and Services**
- **Start up can Present related to Conference Broad Themes**

PMAI Best Product Awards

These awards are given for the best PM products (raw materials, equipment, processes & PM parts) developed in India which are in commercial production.

Deadline for submission of detailed product descriptions and photographs or figures is 15 Feb, 2027. PM parts must be on display to qualify for awards.

Exhibition (open to public)

Pre-fabricated stalls are available to all sponsors of PM parts manufacturers and suppliers of materials, services and equipment to the PM industry. Additional space can be availed at extra cost. Each stall is equipped with 3 spotlights, 1 power outlet 220 VAC single phase 6 Amps, 1 table, 2 chairs & 1 dustbin. Heavy machinery can be exhibited at additional cost.

Exhibitors will be listed in the conference guide and are entitled to two free delegate registration. For more information please email director@pmai.in

Exhibition will take place for three days from 24th and 26th February 2027.

Exhibitor Booths are reserved for our sponsors on first come first basis.