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MESSAGE FROM THE CHAIRMAN

Dear Members,

The Indian Valve and Actuator Manufacturers Association (IVAMA) stands at a dynamic crossroads. As India accelerates toward ambitious economic and technological goals, our industry is challenged and empowered by innovation, collaboration, and responsible growth.

Recent Events & Member Achievements

- The flagship IVAMA Conference 2025 in Pune brought sector leaders, policy influencers, and experts together. Participation from member companies and new sponsors reinforced our community's commitment to excellence and knowledge-sharing. The conference celebrated key visionaries whose dedication continues to inspire progress for all.
- Our flagship technical webinars for skill development saw high engagement, driving process excellence within member organizations.
- Deliberations, at the IVAMA CEO Meet 2025, highlighted the importance of partnerships, continuous improvement, and collective advancement for sustainability and growth.

Recognition & Awards: IVAMA Evolving

This year's conference also marked a significant evolution in our association's culture—a new emphasis on recognizing leadership and achievement. The prestigious Hall of Fame – Recognition of Excellence Award was presented to Mr. Arvind Goel, Managing Director of Auma India Pvt Ltd, Bangalore, for his outstanding contribution and visionary leadership to the Indian valve and actuator industry. Awards such as those presented at the IVAMA Conference are more than just recognition—they set benchmarks of excellence, inspire innovation, and motivate professionals across the industry to strive for continuous improvement and global standards.



Ramesh Babu
Chairman, IVAMA
Managing Director, Velan Valves India

Such honours showcase not only individual achievement but also our sector's transformation, as Indian manufacturers gain global stature and contribute meaningfully to a sustainable world.

Broader Industry Themes

Manufacturing excellence, digitalization, and sustainability are strategic priorities. With initiatives like "One Nation-One Standard" and Make-in-India, Indian flow control businesses are rising to global standards. Skill development, partnerships, and technology upgrades will be critical as we address next-gen areas: hydrogen economy, resilient supply chains, and advanced infrastructure.

Looking Ahead

Let us celebrate our latest achievements and milestones as we push forward with renewed commitment to collaboration, innovation, and global excellence. The possibilities before us are vast; together, we will seize them and shape the future of our industry.

S. KALYANARAMAN JOINS IVAMA BOARD OF DIRECTORS

The Indian Valve and Actuator Manufacturers Association (IVAMA) is pleased to announce the appointment of S. Kalyanaraman, Executive Vice President – Industrial Machinery Business, Larsen & Toubro Limited, as a Director on the IVAMA Board.

Mr. Kalyanaraman brings with him over three decades of distinguished experience in the engineering and industrial machinery sectors. At Larsen & Toubro, he has been instrumental in driving technological innovation, operational excellence, and sustainable growth across key business verticals serving infrastructure, energy, and process industries.

His deep understanding of industrial systems, coupled with strategic foresight and a global outlook, will greatly enhance IVAMA's mission of promoting collaboration, competitiveness, and innovation within India's flow control industry.



S. Kalyanaraman,
Executive Vice President –
Industrial Machinery Business,
Larsen & Toubro Limited,

A Warm Welcome

IVAMA extends a warm welcome to Mr. S. Kalyanaraman and looks forward to his active participation in the association's initiatives. His guidance and expertise will play a key role in advancing IVAMA's vision of fostering technological excellence, knowledge sharing, and sustainable growth across the valve and actuator sector.

ANDHRA PRADESH CLEARS 6,000 ACRES FOR BPCL'S REFINERY PROJECT

The Andhra Pradesh government has approved 6,000 acres near Ramayyapatnam Port for Bharat Petroleum Corporation Limited's (BPCL) ₹1 lakh crore greenfield refinery-cum-petrochemical complex, set to become one of the state's largest industrial projects.

75% Capex Incentives Over 20 Years

According to the government order, the project has received in-principle approval for financial incentives of up to 75% of capital expenditure over a 20-year period from the start of project activities. The approval comes under the state's tailor-made incentive scheme for ultra-mega projects exceeding ₹96,000 crore in investment.

IVAMA CONFERENCE 2025 – UNITING STAKEHOLDERS TO DRIVE THE FUTURE OF FLOW CONTROL

19–20 September 2025

Hotel Hyatt Regency, Pune

*Driving Success in the Flow Control Industry:
Stakeholders' Responsibilities*

The IVAMA Conference 2025 held on 19–20 September at Hotel Hyatt Regency, Pune, brought together a powerful mix of industry leaders, decision-makers, and experts from across the flow control ecosystem. Over two days, the conference explored how India's valve and actuator industry can sustain its momentum, strengthen competitiveness, and collaborate for a more sustainable and technology-driven future.

The highlight of the inaugural session was the launch of the IVAMA Market Report 2025 by Mrs. Meher Pudumjee, Chairperson, Thermax, followed by her insightful conversation with Mr. Vinayak Lokur, Vice Chairman, IVAMA and Managing Director, Expert Valves. Their dialogue offered a compelling view on sustainability, leadership, and how the manufacturing and energy sectors are evolving in India's growth story.

Mr. Ramesh Babu, Chairman, IVAMA and Managing Director, Velan Valves India, in his opening remarks, set the stage for the conference by underscoring the importance of collaboration between stakeholders — manufacturers, end users, and technology providers — to build a resilient, future-ready flow control ecosystem.



💬 Conversations that Mattered

Throughout the day, the conference featured dynamic panel discussions that addressed the most pressing issues and opportunities for the valve and actuator industry.

The End User Panel shed light on evolving expectations from process industries, with senior executives from Adani Petrochemicals, Reliance Industries, Bechtel, and Praj Industries highlighting the need for higher reliability, digital integration, and lifecycle performance in valve systems.

The subsequent session, Stakeholders' Roles in Driving Success, emphasized the importance of aligning engineering, procurement, and manufacturing functions to improve efficiency and quality across the supply chain. Speakers from L&T Energy – Hydrocarbon, Fluor, and Air Products shared perspectives on global best practices and supplier development.

In the Procurement Insights Panel, sourcing heads from VA Tech Wabag, Thyssenkrupp Uhde India, and Alfa Laval discussed how supplier partnerships, cost optimization, and long-term value creation are reshaping procurement strategies in the industry.



Across these sessions, one theme stood out clearly — collaboration and innovation must go hand in hand for India to establish itself as a world leader in flow control technologies.

🏆 Celebrating Excellence and Contribution
The evening transitioned into the IVAMA Felicitation Ceremony, celebrating leadership, innovation, and excellence across the industry.

The celebrations continued with networking, dinner, and spirited conversations among members and delegates — strengthening the bonds that define the IVAMA community.

A Day for Members – IVAMA Members Meet 2025

The second day was reserved exclusively for IVAMA members, offering a deeper dive into key policy, trade, and business issues impacting the flow control industry.

Experts from Deloitte India unpacked the Implications of U.S. Tariff Rates on the Flow Controls Industry, helping members understand the evolving global trade environment.

Later, EY-Parthenon's Mr. Badrinaryanan Parthasarathy provided valuable insights into the Market Outlook for the Flow Control Industry from an Energy Sector Perspective,

emphasising how India's transition toward cleaner energy sources will shape future demand.

The day concluded with a Strategic Roundtable, where members engaged in open discussions on industry challenges, IVAMA initiatives, and future focus areas such as digitalisation, testing infrastructure, and skill development.

✨ Collaboration, Commitment, and a Shared Vision

The two-day event reaffirmed IVAMA's role as the unified voice of India's valve and actuator industry. Through its thoughtfully curated sessions and interactive exchanges, the conference not only facilitated knowledge sharing but also inspired a renewed sense of collective responsibility among stakeholders.



With India's industrial landscape expanding rapidly, the IVAMA Conference 2025 stood as a testament to what the industry can achieve when it works together — with shared vision, accountability, and purpose.

As the curtains closed, one message resonated deeply: Driving success in flow control is not the responsibility of one segment, but a shared mission for all.



IVAMA Conference



IVAMA AWARDS: CELEBRATING EXCELLENCE, LEADERSHIP & LEGACY

Honouring the Best at IVAMA Conference 2025, Pune

The recently concluded IVAMA Conference 2025 at Hotel Hyatt Regency, Pune, brought together industry leaders, manufacturers, and decision-makers from across the flow control fraternity. While the conference sessions were packed with insights, the highlight of the evening was undoubtedly the IVAMA Awards & Felicitations Ceremony — a celebration of excellence, leadership, and enduring commitment within our industry. This year's recognitions reflected the diversity and strength of India's flow control ecosystem — from established large-scale manufacturers to agile, fast-growing enterprises making their mark globally.

The evening began with the Recognition of Excellence presented to Mr. Arvind K. Goel, Managing Director, Auma India Private Limited, for his visionary leadership and significant contribution to the Indian valve industry.



The prestigious 'Industry Icon' Felicitations went to L&T Valves Limited, Chennai, for its exceptional innovation, impact, and leadership on the global stage.



A heartfelt moment followed as IVAMA honoured its Past Chairmen, Mr. Arvind K. Goel (Founder Chairman, 2019–22) and Mr. Pranay S. Garg (Past Chairman, 2022–24), acknowledging their invaluable role in steering the association's growth during its formative years.

Recognising the spirit of member engagement, G M Engineering Private Limited, Rajkot, was felicitated for its active contribution to the association's activities and growth.



The Export Excellence Felicitations drew special applause, highlighting companies that have strengthened India's footprint in global markets:

Large-Scale Industry

Gold Felicitation:

- L&T Valves Limited, Chennai



Silver Felicitations:

1. Emerson Process Management (India) Private Limited, Mumbai



2. KOSO India Private Limited, Nashik



Medium-Scale Industry

Gold Felicitation:

- AMPO Valves India Private Limited, Coimbatore



Silver Felicitation:

Severn Glocon Valves Private Limited, Chennai



Small-Scale Industry

Gold Felicitation:

- PJ Valves Manufacturing Private Limited

Silver Felicitation:

- Karmen International Private Limited, Chennai



Long Years Felicitations

Recognising long-standing members for their sustained contribution and resilience:

- Forcas Impex Private Limited, Ahmednagar – 30 years



- Servo Hydraulics Private Limited, Chennai – 30 years



- SchuF Speciality Valves India Private Limited, Coimbatore – 25 years



A Celebration of Commitment and Community

Each felicitation represented a story of excellence and perseverance — from emerging enterprises to industry icons. Together, they embody IVAMA's mission to foster collaboration, innovation, and global competitiveness in the Indian flow control sector.

As members gathered later for networking and dinner, the sense of pride and unity was unmistakable — a fitting conclusion to an event that celebrated not just success, but shared purpose.

As the Indian valve and actuator industry continues to evolve, recognitions such as these serve as a reminder that progress is driven by collaboration, innovation, and perseverance.

The IVAMA Awards not only celebrate individual and organisational achievements but also highlight the shared commitment of our community to enhance quality, strengthen exports, and uphold excellence at every stage.

Together, we look ahead — towards new milestones, stronger partnerships, and a more globally competitive Indian flow control industry.

INDIA'S FLOW CONTROL INDUSTRY: MOMENTUM, TRANSFORMATION & THE ROAD AHEAD

Indian flow control industry's performance over the last few years is characterized by three aspects: superior growth (1.5x global), a promising future (demand outlook from manufacturing, energy & infrastructure) and energy dependence (70-80% from O&G, Power & Water). India's per capita energy consumption is only a fraction of the global levels (1/10th of US), leading a definitive transformation of our energy landscape – rapid capacity expansion, shift towards sustainable sources and an increased focus on industrial automation and sustainability.

This momentum is creating a strong multiplier effect for the flow control industry, where valves, actuators, and digital monitoring systems shall form the backbone of safe and efficient energy operations.

While the industry's growth story so far has held true to most of its constituents, profitability remains modest. The path to a secure and sustainable future therefore lies in embracing several strategic initiatives: shifting from commodity to specialty products like cryogenic valves, evolving from products to engineered solutions including after-markets and enabling integration with Digital and IoT platforms. This needs to be supported by strong internal transformation



Badrinarayanan Parthasarathy
Director
EY Parthenon

journeys such as structured portfolio diversification plan, accelerated Go to Market approach, sustainable cost optimization programs and synchronized sales and operations planning.

Although these transformations could take a few years, the need to start this change is now. As manufacturers find the right knowledge partners and fast track new product developments, the ecosystem needs to establish advanced testing facilities and drive local skill development programs. While policy support to drive the above would be critical, the role of IVAMA, as the voice of industry needs to be louder than ever, leading the sector to shape its future and build a better working world!

PRECISION IN FLOW: EXPERT VALVES INTRODUCES A NEW RANGE OF CONTROL VALVES FOR DIVERSE INDUSTRIAL APPLICATIONS

Precision in Flow:

In a strategic leap forward, Expert Valves, renowned for precision engineering and global reliability, has expanded its portfolio with a newly developed range of control valves, reinforcing its commitment to delivering tailored and optimized flow solutions for diverse industrial applications.

Responding to evolving customer needs and complex process demands, Expert's control valve line is engineered with an Optimized Flow Path designed for maximum efficiency and performance. Effortless Maintenance Serviceable with simple tools-even in field conditions, Modular Design Engineered for easy retrofits and future upgrades. With accuracy, durability, and seamless integration, these valves reflect our commitment to adding value through customization, quick delivery, and global reliability.

What's New in the Range?

- **Expanded Sizes & Configurations:** Covering a wider spectrum of flow rates and pressure classes, suitable for diverse sectors including Oil & Gas, power, chemical, and water treatment.
- **Smart Positioning & Actuation:** Integration-ready with digital control systems, enabling real-time feedback and remote operation.



- **Material Versatility:** Available in different grades of alloys to suit corrosive and high-temperature environments.
- **Quick Delivery Promise:** Backed by Expert's agile manufacturing setup in Belagavi, Karnataka, ensuring reduced lead times and responsive service.

Each control valve is tested to meet stringent international benchmarks. The range is already gaining traction in overseas markets, where reliability and lifecycle cost matter most!

The Role of Control Valves in Modern Process Industries

In the intricate world of process automation, control valves serve as the silent regulators of fluid dynamics. Whether in oil refineries, chemical plants, or water treatment facilities, these devices play a pivotal role in ensuring process stability, energy efficiency, and operational safety.

What Is a Control Valve?

A control valve is a mechanical device that modulates the flow of any fluid in terms of pressure, temperature, and flow. The control valve responds as per the signal from the controller.

The Valve plug defines and adjusts the size of the flow passage to maintain the process requirement.

Anatomy of a Control Valve

Control valves typically consist of:

- **Valve Body:** The main casing that houses internal components.
- **Trim:** Internal parts that come into contact with the fluid and determine flow characteristics.
- **Actuator:** operate the valve without manual effort
- **Positioner:** Ensure the valve reaches the exact position of the process demand as per the control signal.

Key Performance Metrics

- **Cv (Flow Coefficient):** Indicates how much flow passes through the valve at a given pressure drop.
- **Rangeability:** Ratio of maximum to minimum controllable flow.
- **Linearity:** valve refers to how accurately the valve's flow output changes in proportion to its input signal
- **Hysteresis:** the difference in valve position input signal is increasing when it is decreasing.
- **Response Time:** Speed at which the valve reacts to control signals.
- **Leakage Class:** Defines permissible leakage when the valve is closed.

Smart Control Valves

With the rise of Industry 4.0, control valves are evolving into intelligent assets:

- **Digital Positioners** offer diagnostics and remote calibration.
- **Wireless Integration** enables real-time monitoring.
- **Predictive Maintenance** algorithms reduce downtime and extend valve life.

Selection and Sizing

Choosing the right control valve involves:

- **Process Conditions:** Pressure, temperature, flow, and fluid type.
- **Flow Requirements:** Desired flow rate and control precision.
- **Material Compatibility:** Corrosion resistance and mechanical strength.
- **Actuation Method:** Pneumatic, electric, or hydraulic.

Common Challenges

- **Cavitation and Flashing:** Can damage valve internals.
- **Check Flow:** Disturbing the complete process.
- **Stiction:** Causes delayed response due to friction.
- **Improper Sizing:** Leads to instability or poor control and energy loss.

Future Trends

- **AI-driven diagnostics**
- **Self-tuning control loops**
- **Integration with digital twins**
- **Control valves** are no longer just mechanical devices, they're becoming smart, adaptive components in a connected industrial ecosystem.

Article by – Expert Valve & Equipment Private Limited, Belagavi, Karnataka, India

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EMPOWERING KNOWLEDGE. ENHANCING SKILLS: IVAMA'S EXPERT-LED WEBINARS

IVAMA continues its commitment to industry learning through a series of focused Technical Webinars designed to enhance the technical and professional competencies of engineers across the Valve and Actuator sector. These sessions serve as a valuable platform for knowledge sharing, covering both skill development programs and emerging industry topics, and are led by experts with deep domain experience. Through these initiatives, IVAMA aims to foster continuous learning and help members stay abreast of the latest developments shaping the flow control industry.



• **Technical Webinars for Skill Development:**

IVAMA offers a range of Technical Webinars which will be helpful to young and middle level engineers in Sales/Marketing, Design, R&D, SCM, Production, Quality functions of Valve and Actuator industry. These Webinars developed to provide deep understanding of different types of valves and actuators – how they interact with piping systems. They also give expert guidance in making cost-effective technical decisions and tips for proper valve selection and application;



learn hydraulic formulae as they apply to valves, as well as Operation and maintenance. They are grouped in two categories – Basic Program and Advance Program.

Basic Program: Topics covered are Basics of Valves; Different Types of Valves and Selection; Codes and Standards for Valves and Actuators; Materials of Construction – Shell and Trim Components, Valve Operation, and Pressure Testing of Valves

Advance Program: Topics covered are Sealing Technology in Valves, Design Methodology for Valves, Welding Technology in Valves, Non-Destructive Examination (NDE) in Valves, Flow Characteristics and CV Values of Valves, Functional Qualification Tests (FQT) on Valves and Actuators, Common Problems and IOM of Valves

- **Monthly Webinars:** IVAMA also conducts monthly webinars on current topics which are of interest to the members. They are presented by experts in respective area. Recent webinars conducted are: Reliability Engineering, Risk Reimagined, Organizational Transformation through AI, Sustainability, and others.

We encourage all members to take advantage of these learning opportunities and strengthen their technical expertise.

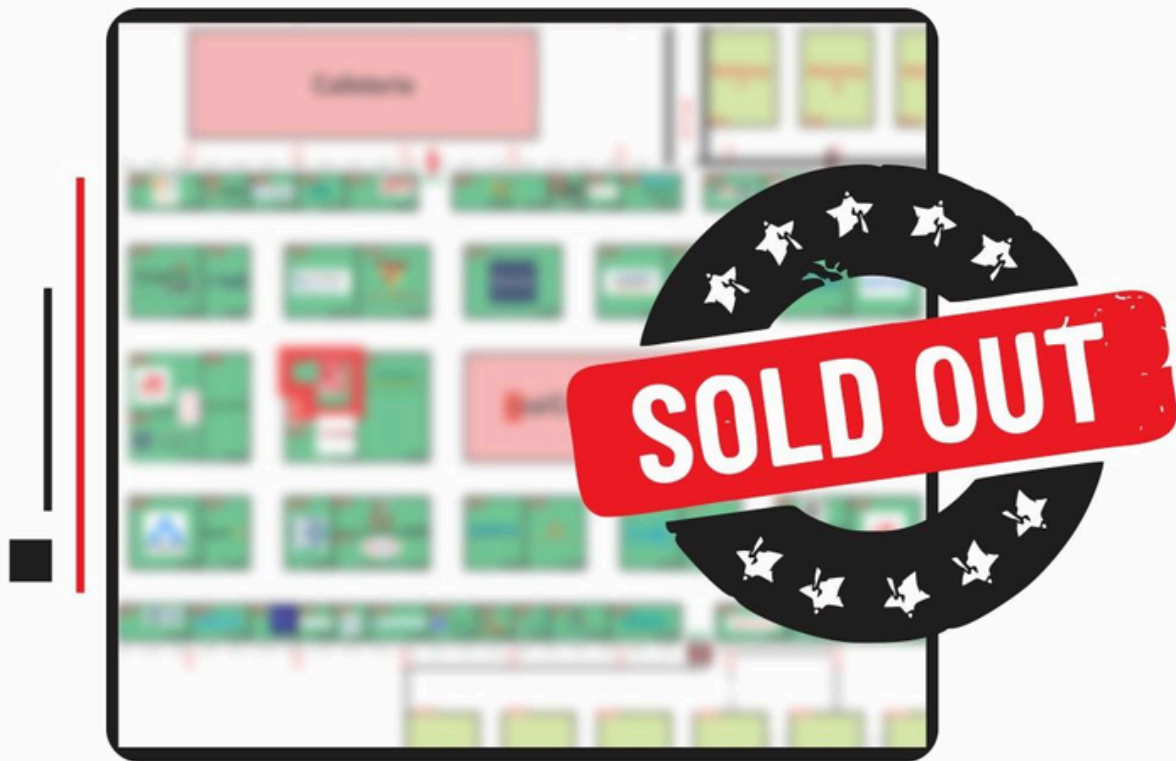


International Valve Trade Fair & Conference

11–12 June 2026

Bombay Exhibition Center, Mumbai, India

**Exhibition Space at Valve World Expo India 2026
is now completely sold out**



We can't wait to see this transformative event come to life!

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Valve World Expo India 2026 is shaping up to be a high-impact gathering for the flow control industry!

With the entire exhibition floorMark Your Calendars and get ready for a bigger, and better edition of the Valve World India Expo & Summit 2026!

Building on the tremendous success of the 2024 event, which brought together leading experts, manufacturers, engineers, and end users from across the flow control industry, the 2026 edition promises to deliver an even more dynamic and engaging experience.

Stay tuned for updates in the coming months, and be sure to mark your calendars for 11 & 12 June 2026 — a landmark gathering for India's and the world's flow control industry!

now sold out, the upcoming edition promises a strong showcase of technologies, innovations, and insights through its:

- Expo – Featuring leading names in valves, actuators, and allied industries
- Workshops – Hands-on sessions designed for practical learning
- Conference – Conversations that matter, led by industry experts and end users

If you're a part of the flow control ecosystem, this is where the community comes together. Be a part of the conversations, connections, and collaborations that define the future of the industry.



Warm welcome to
THE NEW MEMBERS



**Aqua Control Valves
Private Limited,
Belgaum**



**AS-Schneider India Private
Limited, Coimbatore**



**Atam Valves Limited,
Jalandhar**



**Dembla Valves Limited,
Thane**



**Duncan Engineering
Limited, Pune**



**Fronius India Private
Limited, Pune**



**Kirloskar Brothers Limited,
Pune**



**Nilon Valves Private
Limited, Ahmedabad**



**Stafford Controls Private
Limited, Chennai**



**Volfram Systems India
Private Limited, Pune**

INDIA UNVEILS \$77 BILLION HYDRO PLAN

India's Central Electricity Authority (CEA) has unveiled an ambitious ₹6.4 trillion (\$77 billion) transmission infrastructure plan aimed at evacuating over 76 gigawatts (GW) of hydroelectric power from the Brahmaputra River basin by 2047, as part of the nation's long-term strategy to meet rapidly rising electricity demand and strengthen energy security. According to the CEA's report released on Monday, the comprehensive plan encompasses 208 large hydroelectric projects spread across 12 sub-basins in the northeastern states, including Arunachal Pradesh, Assam, Sikkim, and Meghalaya. The projects collectively represent 64.9 GW of hydro potential, along with an additional 11.1 GW of capacity from pumped-storage plants (PSPs) – a key enabler of grid stability and renewable energy integration.

Once implemented, the initiative is expected to play a pivotal role in India's transition to a low-carbon power system, complementing the country's growing solar and wind capacity.

OIL INDIA, MAHANAGAR GAS PARTNER TO EXPLORE LNG & CLEAN ENERGY

Oil India (OIL) has signed an MoU with Mahanagar Gas (MGL) to explore opportunities across the LNG value chain and in emerging clean energy sectors.

OIL is actively pursuing an expansive hydrocarbon exploration and development program, with plans to significantly increase gas production and advance its clean energy projects. MGL, having established a presence in the LNG sector, operates LNG retail stations and is pursuing additional clean energy initiatives.

Under the MoU, the two organizations will collaborate to assess technical and commercial viability of LNG in heavy-duty transport and to explore potential clean energy projects, with the aim of scaling feasible pilots to commercial operations.

"The collaboration will focus on assessing technical and commercial feasibility of LNG in heavy-duty transport and exploring projects in clean energy. Our objective is to take feasible pilots to commercial scale," said Oil India's Director (Operations).

IMPORTANT UPCOMING EVENTS



January 23, 2026
Indore, India



January 27–30, 2026
Goa, India



June 11–12, 2026
Mumbai, India



PURCHASE OF MARKET REPORT

The third edition of the bi-annual report on the Indian industrial valves and actuators market that was unveiled at the annual conference is available for purchase.

For more details, kindly contact admin@ivama.in

About **IVAMA**spk

"IVAMAspk" is a quarterly newsletter published by the IVAMA Association, delivering valuable insights into forthcoming projects, businesses, individuals, innovations in product development, IVAMA's ongoing activities, events, and various other relevant industry specific topics.

IVAMA Association encourages its members to contribute news about their companies, appointments to senior positions, and product advancements to help ensure the success of IVAMAspk.

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