

SteamTech[®] 2026

16TH NATIONAL CONFERENCE ON BOILER & STEAM SYSTEMS

JANUARY 31, 2026

J. B. AUDITORIUM,

AHMEDABAD MANAGEMENT ASSOCIATION, IIM-A ROAD, AHMEDABAD

THEME : STEAM 4.0: Harnessing AI, IoT, and Advanced Systems for Peak Efficiency and Industrial Compliance

- FOCUS :**
- Intelligent Operations
 - Next-Generation Efficiency
 - Evolving Regulations.
 - Digital Safety & Risk Mitigation
 - The Policy Roadmap

ORGANISER

SĀKET
PROJECTS LTD.



**BEST APPRECIATION
AWARDS FOR SAFETY,
INNOVATIONS, EFFICIENCY
& PERFORMANCE**

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The Imperative of Transformation: Status and Roadmap for Indian Steam & Boiler Systems

Status of Today's Steam & Boiler Industry in India

Steam remains the backbone of the Indian industrial sector, particularly in manufacturing hubs like Gujarat, powering the Chemical, Textile, Food, and Heavy Engineering segments (your historical sector). The market is poised for strong growth, projected to be over 4-7% CAGR over the next decade, driven by rapid industrialization and government initiatives like 'Make in India' and infrastructure investments.

- **Growth Driver:** Industries are aggressively replacing older, less efficient units with new, high-pressure, water-tube, and condensing boilers to meet expanding capacity and operational demands.
- **Efficiency Mandate:** There is a pronounced shift towards higher efficiency (often exceeding 90%) driven by rising energy costs and the push for lower carbon emissions, making fuel optimization a boardroom priority.
- **Early Digital Steps:** The adoption of basic IoT (Internet of Things) for remote monitoring and data logging is accelerating, establishing the foundational infrastructure for true STEAM 4.0 transformation.

Current Challenges in the Digital Transition

Despite the growth momentum, the path to fully optimized, digitally compliant steam systems faces critical hurdles for boiler professionals:

- **High Initial Cost & ROI:** The upfront capital expenditure required for sophisticated AI/IoT integration, smart sensors, and control system retrofits remains a major barrier, especially for SMEs.
- **Legacy System Integration:** Connecting decades-old, dependable boiler infrastructure to modern digital platforms (the 'Brownfield' challenge) requires complex, specialized engineering.
- **Skill Gap in the Workforce:** A significant shortage of operators and maintenance engineers skilled in data analytics, predictive maintenance (PdM) software, and cyber-security for connected systems.
- **Regulatory Adaptation:** Traditional boiler regulations need to evolve quickly to officially recognize and leverage digital documentation, remote inspections, and sensor-based safety data for compliance purposes.

The Expected Road Ahead: Defining STEAM 4.0

The future of Indian steam generation is not just about producing steam; it is about generating intelligence, reliability, and compliance through data. The roadmap focuses on three integrated pillars:

1. **Mass Adoption of Predictive Excellence:** Moving maintenance from calendar-based schedules to AI-driven prediction of failure moments. This ensures near-zero unplanned downtime, maximizing operational stability and profitability.
2. **Harmonizing Technology and Policy:** The Directorate of Boilers, industry, and academia must collaborate to establish clear STEAM 4.0 standards for data integrity, digital safety protocols, and acceptance of remote, sensor-based regulatory compliance.
3. **Fuel and Sustainability Flexibility:** While efficiency improves, the industry will pivot towards adopting advanced combustion technologies, waste-to-energy solutions, and gradually preparing for cleaner fuels (like natural gas and biomass) to align with national sustainability goals.

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16TH NATIONAL CONFERENCE ON BOILER & STEAM SYSTEMS

SAKET PROJECTS organizes National Conference on Indian Steam and Boiler Systems - STEAMTECH, annually since 2007. It has been recognized as one of the major platforms offering a national debate on the subjects of contemporary interest concerning steam and boiler industry.

In view of the importance of the industry, it is relevant to bring the Indian steam and boiler system including boiler and boiler equipment manufacturers, service providers, consultants and the users of steam and boiler systems to a common platform to discuss comprehensively and facilitate interactions on different topics. The 16th national conference - "STEAMTECH 2026" will be held on January 31, 2026 at J B Auditorium, Ahmedabad with the theme **"STEAM 4.0: Harnessing AI, IoT, and Advanced Systems for Peak Efficiency and Industrial Compliance"**.

What can you expect from this conference?

Experts and leaders from Industries and Institutions as well as regulators from steam and boiler industry will provide latest and comprehensive knowledge through presentations on different topics, case studies, covering various aspects of steam and boiler system.

Focus

- Technological Innovations in Steam and Boiler Systems
- Energy Efficiency and Sustainability
- Regulatory Compliance and Standards
- Challenges and Solutions in the Industry
- Market Trends and Growth Opportunities
- Safety and Risk Management
- Case Studies and Success Stories
- Future of Steam and Boiler Industry

APPRECIATION AWARDS FOR SAFETY, EFFICIENCY & PERFORMANCE

In order to recognise Operators, Engineers, Professionals and Organisations and to motivate them to improve SAFETY & PERFORMANCE OF STEAM AND BOILER SYSTEMS, "STEAMTECH 2026" is pleased to announce APPRECIATION AWARDS in different categories.



How to participate?

AS SPONSOR : This will be an ideal platform for those who deal with this sector to promote their products and services. Various sponsorship options are available, each having specific promotional privileges. For more details see sponsorship matrix.

AS ADVERTISER : Conference Souvenir will be distributed during the conference. And hence, this will be a unique opportunity to promote products and services by releasing advertisement in this souvenir. Various advertisement options are available in advertisement booking form.

AS DELEGATE : To attend the conference, send the Delegate Registration Form, duly filled in, along-with Registration Fees.

Who should participate? Boiler Manufacturers » Water Treatment Plants » Boiler Utilities » Boiler Operation Contractors » Pollution Control Equipment Manufacture » Education / Research Institute » Consultancy » Supplier of Boiler related equipments » Thermic fluid Heaters » Steam / Water / Gauge / Instruments » Fuel (Liquid / Solid Fuels) / Fuel Additives Suppliers » Water Conditioning Equipments / Conditioners & Fuel Monitoring Instruments » DM Plants / Softeners » Boiler Plates / Tubes / Safety Valves / Boilers Sealings / Boiler Burners » Utility Contractor / Manager » Boiler & Other Auxiliaries Parts » Boiler Design / Development / Commissioning Consultancy » Regulatory Authorities



SteamTech[®]2024

15TH NATIONAL CONFERENCE ON BOILER & STEAM SYSTEMS

SEPTEMBER 14, 2024 • J. B. AUDITORIUM, AMA, AHMEDABAD

EVENT REPORT

STEAMTECH 2024 - The 15th National Conference on Steam & Boiler Industry, organized by Saket Projects Ltd. with the Theme "Navigating the Future: Innovations, Challenges, and Opportunities in the Steam & Boiler Industry" was successfully held on September 14, 2024, from 9:00 am to 5:00 pm at the J. B. Auditorium, Ahmedabad Management Association (AMA), ATIRA Campus, Ahmedabad. The event gathered industry leaders, government officials, and technical experts to discuss the future trajectory of the sector.

The day commenced with a Welcome Address by Conference Convenor Shri Dharmendra Joshi in an impactful Inaugural Session, which was graced by the presence of Shri Natubhai Patel (MD, Meghmani Industries Ltd., Ahmedabad) as the Chief Guest, and Shri R. L. Patel from Director of Boilers, Govt. of Gujarat, Gandhinagar) as the Guest of Honour. The session featured a compelling KeyNote Address by Shri G J Adroja (Vice President & Plant Head, Saukem NIRMA Ltd., Porbandar). Following the traditional lighting of the lamp, the session concluded with a Vote of Thanks by Shri Rohinton Engineer.

The technical discussions were structured across three comprehensive Business Sessions. Business Session 1, themed "Innovations and Technological Advancements," was moderated by Shri Rohinton Engineer and delved into subjects such as Emerging Trends in Boiler Fuel by Shri Rohit Khirode, the challenge of using Biomass Fuel in Boilers for future steam and power generation by Shri J B Suhag, and the introduction of Smart App based Intuitive Solutions by Shri Dinanath Akela.

Following the luncheon, Business Session 2 focused on "Sustainable Practices in Boiler Operations," and was moderated by Shri J B Suhag. Key speakers discussed critical topics, including transforming maintenance from Reactive to Predictive by decoding damage mechanisms Shri Paresh Haribhakti, Sustaining Benefits in Steam Systems by Shri Dhruval Khamar, and the importance of Waste Heat Recovery and Energy Efficiency in boiler systems by Shri Ashwini Mishra.

The final segment of the day, Business Session 3, was a Panel Discussion on "Market Dynamics and Future Opportunities," moderated by Shri Dinanath Akela. The discussion covered crucial areas like Steam Energy Conservation: Past-Present-Future by Shri Mukund Deshpande and the importance of Efficient Boiler Operation & Maintenance Practices by Shri S Sivakumar. The conference successfully provided a vital platform for stakeholders to share knowledge, address current challenges, and explore future avenues in the Steam & Boiler industry.



APPRECIATION AWARDS



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16TH NATIONAL CONFERENCE ON BOILER & STEAM SYSTEMS

DATE : JANUARY 31, 2026 • TIME : 9.30AM TO 5.30 PM

VENUE : J. B. AUDITORIUM, AMA, AHMEDABAD

DELEGATE REGISTRATION FORM

Delegate Registration Fee

₹ 1500/-* Per Delegate

Details of Delegate

Name :		
Designation :		
Organisation :		
Address :		
City :		Pin : <input type="text"/>
Phones :		
Mobile :		
Email :		
GST No. : *		

Please Photocopy this form for multiple registration • Participation Fee is non-refundable, however change in nomination is acceptable.

Details of Payment

Please find enclosed our	
DD / Cheque No.	Dated
Drawn on	
For ₹	
in favour of 'Saket Projects Limited', payable at Ahmedabad.	

+ GST number is mandatory to get GST credit benefit

* Inclusive of GST

SEND COMPLETED FORM, TOGETHER WITH PAYMENT, TO



SAKET HOUSE, 1, PANCHSHEEL, USMANPURA, AHMEDABAD 380013

PHONES : +91-79-27551931, 27551817

For Account related Query, Contact Mr. Parag Shah (M: 9601643332)

For Conference related Query, Contact Mr. Hasmukh Vyas (M: 9825851820)

GST No. 24AACC6912J1ZC

E-MAIL : saketevents@gmail.com • WEB : www.saketevents.com

ORGANISERS



Saket Projects Limited is a multi-disciplinary company involved in creating interactive knowledge based platforms through various activities including publications, conferences as well as exhibitions. The company, over a period of time, has developed strategic strengths and core competencies in the areas of information enhancement and service sector. In the process, it has carved out a niche in the diverse areas of Event Management (Conferences & Exhibitions), Technical Publications and Energy Management.

Since 2004, "SAKET" designs and develops conferences aimed at specific target audience to provide them strategic and timely information on policy initiatives, enhanced business processes, technologies, networking opportunity, shape of things to come etc., understanding the immediate business concerns of today's leading and budding executives. With a continued forward thinking approach, the company has successfully organized events on diverse themes with specialization in industry-specific events.

The Conferences have been actively participated by leaders of the respective sectors from India and abroad as : Speakers, Panel Experts, as well as Delegates.



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CONFERENCE VENUE AHMEDABAD MANAGEMENT ASSOCIATION (AMA)

