



THIRD CIRCULAR
AUGUST 2026

IBAAS 2026

INTERNATIONAL BAUXITE, ALUMINA & ALUMINIUM SOCIETY (IBAAS)

IN ASSOCIATION WITH

INDIAN INSTITUTE OF METALS, SAMBALPUR (IIM SAMBALPUR CHAPTER) AND JNARDDC

PRESENTS

**14TH INTERNATIONAL BAUXITE, ALUMINA & ALUMINIUM
CONFERENCE & EXHIBITION**

**GLOBAL ALUMINIUM OUTLOOK 2030:
SECURE RESOURCES, EFFICIENT ENERGY AND VALUE FROM WASTES**

September 9-11, 2026

MAYFAIR HOTELS & RESORTS LTD.

JHARSUGUDA (INDIA)



Invitation

The **International Bauxite, Alumina & Aluminium Society (IBAAS)** is pleased to announce the **14th International Bauxite, Alumina & Aluminium Conference & Exhibition (IBAAS-2026)**, scheduled to be held during **9–11 September 2026** at **MAYFAIR Hotels & Resorts** in **Jharsuguda, Odisha, India**.

IBAAS-2026 is being organized at a pivotal time when the global aluminium industry is accelerating its transition towards **low-carbon operations, clean energy adoption, and sustainable growth**. In response to these evolving industry priorities, the conference theme has been aptly defined as:

“Global Aluminium Outlook 2030: Secure Resources, Efficient Energy and Value from Wastes.”

Special Technical Sessions

The **technical program** of the **IBAAS 2026 Conference & Exhibition, Jharsuguda**, has been thoughtfully structured into multiple **high-impact technical sessions** addressing key segments of the **bauxite, alumina, and aluminium value chain**. These sessions are being **curated and coordinated by eminent experts** from industry, research institutions, and leading technology providers.

In addition to comprehensive technical papers on **bauxite, alumina, and aluminium**, IBAAS has finalized the following **special thematic sessions** for the 2026 Jharsuguda Conference:

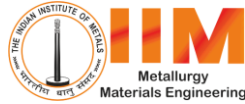
- 1. Re-imagining the Aluminium Value Chain through Digitalization**
Session Coordinator and Chair: **Mr. Pradip Ranjan Choudhury**, Leading Smelter Expert
- 2. Application of Artificial Intelligence in the Aluminium Industry**
Session Coordinator: **Mr. Ashutosh Kumar**, VP of Engineering, Caliche
- 3. Green Aluminium**
Session Coordinator and Chair: **Mr. Abhijit Pati**, Ex CEO & Whole-time Director and Ex Chief Transformation Officer – Aluminium Business, Vedanta
- 4. Bauxite Beneficiation and Non-Metallurgical Bauxite–Alumina**
Session Coordinator: **Dr. Jyoti Prakash Nayak**, General Manager – High Alumina Technology, TRL Krosaki Refractories Limited
- 5. Bauxite Residue (BR / Red Mud)**
Session Coordinator: **Ms. Sangita Sadafule**, Deputy CEO – Red Mud, Vedanta Limited, Lanjigarh
- 6. Cathodes for Energy Management and Pot-Life Extension**
Session Coordinators:
Mr. Bibhu Mishra, Advisor, Hindalco Industries Limited, India
Mr. Pratap Kumar Sahu, Vice Chairman (IIM, Sambalpur Chapter), Jt. President, Hirakud Smelter, Hindalco
- 7. Value Recovery from Aluminium and Power Plant Wastes**
Session Coordinator: **Dr. Maneesh C. Srivastava**, Head – R&D, Vedanta Aluminium, Jharsuguda
- 8. Aluminium Alloys – Sustainable and Smart Engineering Solutions**
Session Coordinator: **Dr. Amit Chatterjee**, Advisor – Aluminium Industry
- 9. Aluminium Recycling: Driving the Circular Economy and Green Metal Transition**
Session Coordinator: **Mr. R. N. Chouhan**, HoD (Metal Processing & Reference Materials), JNARDDC



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AlGalCo, USA	Hencon Services India Pvt Ltd, India	SEP Salt & Evaporation Plants Ltd., Switzerland
Alumina Chemicals and Castables, India	Hencon BV, The Netherlands	Shivam Minerals and Allied Industries Pvt. Ltd., India
Aluminium Stewardship Initiative (ASI), Australia	ISR Infomedia Pvt. Ltd. (Metal Asia), India	Saint Gobain, India
Amber Development, France	Indian Institute of Technology Kharagpur, India	Shinagawa Refractories India Pvt. Ltd, India
Abhitech Energycon Limited, India	Indian Institute of Metals, Sambalpur Chapter	Syensqo, India
AlTech Consultant, Japan	Ion Exchange (India) Ltd.	Sri Sri Paramahansa Yogananda Exports, India
Achint Chemicals, India	Imex International (India)	Shandong Hwapeng Precision Machinery Group Co., Ltd., China
Akshath Resources, India	ITT Flow Technologies, Australia	Sefar India Private Limited, India
Apar Industries Limited, India	Iran Alumina Co, Jajarm, Iran	Save Eco Energy India Private Limited, India
BALCO, India	Indian Institute of Technology Bhubaneswar	STC-Engineering GmbH, Germany
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Caliche, India	JNARDDC, India	Skamol, Denmark
Castwell, India	K. G. Services, India	STAS, Canada
CARE Analytics & Advisory Private Ltd., India	Kimberlite Chemicals India Pvt Ltd, India	TRL Krosaki Refractories Limited, India
CUMI, India	Kalight Global Pvt Ltd, India	Tata International Ltd, India
CSIR-Advanced Materials and Processes Research Institute, Bhopal	Krishnam Resources Pvt Ltd, India	Triveni Global Pvt Ltd, India
Coastal Bharat Trade and EXIM Pvt Ltd, India	Luwa India Pvt. Ltd., India	Transtec Marketing and Consultancy Pvt. Ltd., India
Dharti Industry Pvt. Ltd., India	Mtlexs Online Pvt Ltd, India	Tridiagonal.AI Pvt. Ltd., India
Derrick Solutions India Pvt. Ltd., India	MAGMA Gießereitechnologie GmbH, Germany	Tomorrow Technology S.p.A. - Italy
Drache, Germany	MAGMA Engineering India Private Limited, India	Uniseven Engineering & Infrastructure Pvt. Ltd., India
Danieli Corus, India	Mag-AI Electrominerals Pvt Ltd., India	Vedanta Aluminium Ltd., Jharsuguda, India
Daiki Aluminium Industry Co.,Ltd., Japan	Material Recycling Association of India, India	Varda Global, India
Entity1 Value Emissions Private Limited (E1VEPL), India	Mahindra University, India	Vincent Electronics, India
Elkem AS, UK	M/S Rajan Infratec Pvt Ltd, India	V-Marc India Ltd, India
Elkem South Asia Pvt Ltd, India	Makmur Ventures Sdn Bhd, Malaysia	Volta Aluminium Company LTD, Ghana
Elmech, India	Matrix Mining Solutions Pvt Ltd, India	Virgo Aluminum Ltd, India
EPIQ Machinery, Canada	Mahakoshal Refractories Pvt Ltd, India	VSA Infra Projects Private Limited, India
Flash Metals USA Inc., USA	Maa Kudargarhi Group, India	VNIT, India
Falcon Consultancy Services for Carbon Anodes LLP, India	Maharashtra Carbon Pvt. Ltd., India	Wood Mackenzie, India
Fibretech, UK	National Aluminium Company (NALCO), India	Worley, Australia
Fives Solios, France	National Institute of Advance Manufacturing Technology Ranchi, India	WTE Infra Projects Pvt. Ltd., India
Fives India, India	Pradhan Associates Pvt. Ltd. (PAPL), India	Zynovachem And Metal Alloy LLP, India
FTG Trading Group Inc, Canada	PLA Process Analysers, Australia	



Participating Companies





General Program

08-Sep-26	
15.00 - 18.00	Conference Registration at Mayfair Hotel, Jharsuguda
09-Sep-26	
8.00 - 9.30	Conference Registration at Mayfair Hotel, Jharsuguda
9.30 - 11.00	Inaugural Session Followed by Opening of Exhibition
11.00 - 11.30	High Tea
11.30 - 13.00	Keynote Addresses & Presentation by leaders of Aluminium Companies and Leading Experts
13.00 - 14.00	Lunch Break
14.00 - 15.30	Keynote Addresses & Presentations
15.30 - 16.00	Tea/Coffee Break
16.00 - 18.00	Presentation by Sponsors & Supporters
19.00 onwards	Dinner at Mayfair
10-Sep-26	
9.00 - 10.30	Three Parallel Sessions
	Auditorium: Digitalization
	Hall 1: Non-Metallurgical Bauxite–Alumina Applications
	Hall 2: Aluminium Smelting
10.30 - 11.00	Tea/Coffee Break
11.00 - 13.00	Three Parallel Sessions
	Auditorium: Digitalization
	Hall 1: Non-Metallurgical Bauxite–Alumina Applications, Bauxite Residue & Bauxite Alumina
	Hall 2: Aluminium Smelting
13.00 - 14.00	Lunch Break
14.00 - 15.30	Three Parallel Sessions
	Auditorium: AI Applications
	Hall 1: Bauxite-Alumina
	Hall 2: Aluminium Smelting
15.30 - 16.00	Tea/Coffee Break
16.00 - 18.00	Auditorium: ESG Recognition and Awards Ceremony
19.00 onwards	Dinner at The Orchard
11-Sep-26	
9.00 - 10.30	Three Parallel Sessions
	Auditorium: AI Applications
	Hall 1: Bauxite- Alumina
	Hall 2: Aluminium Smelting
10.30 - 11.00	Tea/Coffee Break
11.00 - 13.00	Three Parallel Sessions



	Auditorium: AI Application, Green Aluminium & Aluminium Recycling
	Hall 1: Value Recovery from Aluminium & Power Plant Waste
	Hall 2: Aluminium Smelting, Aluminium Alloy & Aluminium Downstream
13.00 - 14.00	Lunch Break
14.00 - 15.30	Three Parallel Sessions
	Auditorium: Aluminium Recycling
	Hall 1: Networking Session
	Hall 2: Aluminium Downstream
15.30 - 16.00	Tea/Coffee Break
16.00 - 18.00	Auditorium: Concluding Session, Prize Distribution for Best Paper Presenter and High Tea
12-Sep-2026	
8.00 - 18.30	Post-Conference Plant Visit to Aditya Aluminium Smelter, Lapanga, Odisha, India and Vedanta Aluminium (Jharsuguda, Odisha)

Theme Papers

- **Re-imagining the Aluminium Value Chain through Digitalisation** by Mr. Pradip R Choudhury, Consultant, Sustainable Technology-Aluminium
- **Application of Artificial Intelligence in the Aluminium Industry: Pathways for Predictive, Sustainable and Resilient Operations** by Mr. Ashutosh Kumar, VP of Engineering, Caliche
- **Beyond the Metal: Strategic Dynamics and Emerging Paradigms in Non-Metallurgical Bauxite-Alumina Value Chains** by Dr. Jyoti Prakash Nayak of TRL Krosaki Refractories Limited
- **Cathodes for Energy Management and Pot Life Extension** by Mr. Bibhu Prasad Mishra of Hindalco Industries Ltd.
- **Value Recovery from Aluminium and Power Plant Wastes** by Dr. Maneesh C. Srivastava of Vedanta Aluminium
- **Aluminium Alloys beat expectations in providing smart and sustainable Engineering Solution** by Dr. Amit Chatterjee, Ex-chief Rand D officer- Vedanta Ltd, Aluminium Business, Currently Director-Advik Advisory, Mumbai, (Advisors to Corporate R & D and Innovation Centres on ESG, NPD, waste recycle)



Topics of Papers

- **Digital Transformation in a 60-Year-Old Industrial Plant: A Practical Approach** by Biswajit Tewari of Hindalco Industries Ltd.
- **IoT-Based Condition Monitoring and Predictive Maintenance of Main Exhaust Fan in Fume Treatment Plant** by Nikhil Kumar Singh of NALCO
- **AI/ML Powered Pot Reaction Early Alert Control Tool (Pre Act)** by BALCO
- **Predicting Keyholes in Additively Manufactured Aluminium Using a Multiphase Physics Model of AM Pravah®** by Adwaith Gupta of Paanduv Applications Private Limited
- **Optimization of Green Anode Density (GAD) & Electrical Resistivity (ER) through AI/ML** by Saprativ Basu of Vedanta Aluminium Metal Ltd
- **Technology implementation to IOT sensors** by BALCO
- **Operational Excellence using Integrated Data Analytics and Reporting Platform for Fume Treatment Plants in Potlines** by Ravi Misra of NALCO
- **Application of Exploratory Data Analysis and Predictive Modelling to Minimize Cracking and other defects in Casting Processes** by Jagadish C.A., Principal Consultant
- **Use of Green Power in Aluminium Making** by Shri Balasubramaniam, Former Director (Production), NALCO
- **Digitalising the Bauxite Mine: A Blend-Optimisation Framework for Stabilising Refinery Feed Quality and Reducing Caustic and Red-Mud Burden** by Nitin Thapar of MMSPL
- **Reimagining the Aluminium Value Chain through Industrial AI, Digitalization, and Cyber-Resilient Autonomous Operations** by Nilajit Ghosh of Rockwell Automation India(P) Ltd.
- **Integrated Red Mud Pond Management Using Digitalization and Artificial Intelligence** by Chiradip Roy of Hindalco Industries Limited
- **Predictive Modelling of Alumina Trihydrate Particle Size Using Machine Learning** by Gowtham Isakapatla of Hindalco Industries Limited
- **AI Enabled Bauxite Yard Management Using Online Analyzer, Intelligent Stacking–Reclaiming, and Real Time Laser Based Volume Control** by Santunu Pathy of HINDALCO - UAIL Refinery
- **AI-Guided Optimization of Last Growth Tank Temperature in the Precipitation Circuit of Utkal Alumina International Limited (Alumina Refinery)** by Jeeban Priyadarshan Mishra of HINDALCO - UAIL Refinery
- **AI-Powered Recommendation Model for Suspicious Coils** by BALCO
- **Transforming Effluent Treatment through Automation, Analytics, and Circular Resource Recovery** by Chiradip Roy of Hindalco Industries Limited
- **Real Time Condition Monitoring of Transformer** by Ajay Upadhyay of Hindalco Industries Limited
- **Towards Operator Actionable Early Warning of Anode Effects: A 60-Minute Horizon Prediction System in Aditya Potlines** by Himan Kundu of Hindalco Industries Limited



- **Development of a Vision AI System to Distinguish between Bauxite and Laterite Ores** by Saptarshi Sengupta of Hindalco Industries Ltd.
- **AI Enabled Soft Sensors and Condition Based Monitoring for Driving Operational Excellence in Bauxite Mining** by Sushil Kumar of Hindalco Industries Ltd.
- **Manufacturing Execution System (MES) Implementation for Digital Operations Management in a 2 MTPA Alumina Refinery** by Srijita Podder of Vedanta Aluminium Metal Limited, Lanjigarh
- **Smelter Intelligence: An AI-Enabled Operational Decision Intelligence System for Improving Current Efficiency in Aluminium Smelters** by Saurabh Kawale of Tridiagonal.ai, India
- **Smart Boiler Tube Leakage Detection System** by Ajay Upadhyay of Hindalco Industries Limited
- **Improving Flash Vessel Reliability in Digestion Through Targeted Process and Equipment Improvements** by Ansuman Priyadarshan Biswal of Vedanta Aluminium Metal Limited, Lanjigarh
- **One Platform, Infinite Intelligence: Rethinking Aluminium Trade** by Arighna Sarkar of AL Circle
- **CBAM Compliance for Indian Aluminium Exporters** by An Nguyen of G13+, UK
- **Embracing Net Zero: A Step Towards a Sustainable Future** by Pungkuntran Jaganathan of FLSmidth Private Limited
- **The Next Cycle of Aluminium Growth and its Carbon Consequences** by Adhiraj Seth of Wood Mackenzie
- **Green and Low-carbon Aluminium Technologies** by Raveendra Chatragadda
- **Challenges in Designing Equipment for Small Speciality Alumina Refineries** by B. P. Misra of JASH Process Equipment Pvt. Ltd.
- **Process–Structure–Performance Relationships in Specialty Aluminas for Non-Metallurgical Applications** by Nils Rosenberger of Almatiss GmbH, Germany
- **Sustainable Refractory Engineering: Performance Optimization and Shell Temperature Minimization by Using Dense Bauxite in ASC brick** by Aakash Dalui of TRL Krosaki Refractories Limited
- **Selective Removal of Iron Oxide from Bauxite Ore** by Sachin Arya of Gharda Scientific Research and Foundation
- **Impact of Trace Impurities on Properties and Cost of High-Purity Alumina for Advanced Applications** by Priyanka Nayar of JNARDDC, India
- **Navigating Resource Depletion and Geopolitical Volatility through Technological Agility** by Yves Ocello of Amber Development, France
- **Geological Controls on Critical Mineral Enrichment in Indian Lateritic Bauxite** by Pravin Bhukte of JNARDDC, India
- **The Strategic Importance of Calcined Bauxite in the Refractory Industry: The Procurement Challenge Faced by the Indian Refractory Producers** by Alay Hemanshu Thanki of 101 Minerals (MAG-AL Electrominerals Pvt Ltd)



- **Sustainable Alumina Solutions for Innovative High Alumina Refractories in Iron and Steel Applications** by Shankha Chatterjee of Almatiss Alumina P. Ltd, India
- **Reducing Bayer Process Operating Costs through Sodium Carbonate Recausticization: A Case Study from Iran Alumina Company** by Hamid Reza Badkoobeh Hezaveh of Iran Alumina Company, Iran
- **Mathematical Modelling of Alumina Precipitation** by Lipak Kumar Sahoo of Indian Institute of Technology Bhubaneswar
- **Enhancing Fine Seed Filter Throughput Through Vacuum Optimization and Mechanical Design Improvement** by Hrixeita Biswal of Vedanta Aluminium Metal Limited, Lanjigarh
- **Process Modelling and Performance Optimization of Multi-Effect Evaporators for Enhanced Steam Utilization in an Alumina Refinery** by Rashmita Soren of Vedanta Aluminium Metal Limited, Lanjigarh
- **Beyond Fillers: Particle Size Distribution and Morphological Engineering of Aluminium Trihydrate for Advanced Polymer Composites** by Madhur Kolte of Hindalco Industries Ltd.
- **Optimization of Bauxite Mill Feed Size for Reducing Energy Consumption and Increasing Production Capacity in an Alumina Refinery** by Amin Darvishi of Iran Alumina Co, Jajarm, Iran
- **Evaluation of Nalco Water's Bauxite Flowability Aid in Indian Alumina Refinery to Improve Flow Characteristics of High Moisture Bauxite** by Shounak Banerjee of Nalco Water
- **Enhancement of Caustic Soda Recovery and Reduction of Red Mud Environmental Impacts through Replacement of Drum Filters with Filter Press Technology in Alumina Refining** by Amin Darvishi of Iran Alumina Co, Jajarm, Iran
- **Effect of Feed Slurry Conditions and Aspirator Flow Rate on Granulation Behaviour in Alumina Production** by Mridula Biswas of Hindalco Industries Ltd.
- **Red Mud to Aluminium and Silica Separation** by Kaushik Palicha of Entity1 Value Emissions Private Limited (E1VEPL)
- **Red Mud to Resource: A Circular Economy Partnership Between Vedanta & Fertiliser Industries** by Pujashree Patri of Vedanta Aluminium Metal Limited, Lanjigarh
- **Neutron Attenuation Analysis of Red Mud based High Dense Radiation Shielding Materials** by Abhishek Shrivastava of CSIR-Advanced Materials and Processes Research Institute, Bhopal
- **Red Mud based Gamma and Neutron Shielding Blocks for Radiation Shielding Applications** by Shabi Thankaraj Salammal of CSIR-Advanced Materials and Processes Research Institute (CSIR-AMPRI)
- **Analytical Characterization and Recovery Optimization of Critical Minerals in NALCO Bauxite residue (Red Mud)** by Raghavender K by National Aluminium Company Limited (NALCO), Damanjodi
- **High-Capacity Green Anode Plants** by Christophe Bouché of Fives Solios, France
- **Continuous Developments/Improvements in Cathode Lining of Low Amperage Pots (Hirakud Smelter) to Improve Pot Life and Energy Efficiency** by Pratap Sahu of Hindalco Industries Ltd.
- **Operating Aluminium Smelters beyond Design Amperage: Some Experiences/ Challenges of Amperage Increase** by Ankit Pareek of Vedanta Aluminium Metal Ltd.



- **Improvement in Anode Quality by Collaboration & In-house Process Optimization** by Anamit Deb Gupta of Aditya Aluminium Ltd (A unit of Hindalco Industries Ltd)
- **From Reactive to Predictive: Data-Driven Reliability Enhancement of Rectifier** by Biswajit Tewari of Hindalco Industries Ltd.
- **Revolutionizing Aluminum Furnaces with Precast Pre-Fired Refractory Technology** by Swarnavo Basu of Calderys India Refractories Limited
- **Performance Optimisation of Pre-Cast Ceramic-Steel Composites in Aluminium Smelting Environments** by Jeremy Peat of Fiberstone Limited, UK
- **Evolution of Pot Stoppage Philosophy: From Run-to-Fail to Data-Driven Predictive Planning Based** by Alok Singh of Hindalco Industries Limited
- **From Variability to Stability: A Systematic Approach to Improving Quality in Pre-Baked Anodes** by Chandresh Vaghasia of Vedanta Aluminium Metal Ltd.
- **Design and Development of Integrated High-Pressure Oxygen Lancing System with Manifold and Lance Holder for Emergency Aluminium Potline Operations** by Vinay Kumar Tiwari of Hindalco Industries Limited
- **Impact of Refractory Health in Anode Baking Quality at higher Age** by Suryakanta Nayak of Hindalco Industries Limited
- **Reduction in Stub to Carbon Voltage Drop of Anode in Aluminium Electrolysis** by P Pradeep of Vedanta Aluminium Metal Ltd.
- **Optimization of Pot Operating Parameters to Mitigate Carbon Dusting in Prebake Aluminium Reduction Cells** by U. C. Nayak of NALCO
- **Installation of Intelligent Flow Control Valve in Compressed Air Line** by BALCO
- **Utilization of Skimmed Coke Waste Stream** by Purandar Mahanta of Vedanta Aluminium Metal Ltd.
- **P0406 High Purity Metal Production Capability Enhancement** by BALCO
- **Fuzzy Control of Superheat in Aluminium Smelting Cell** by Shanmukh Rajgire of JNARDDC
- **Indigenous Re-Lining Design Implementation with Recoverable Copper Cathode** by BALCO
- **Reducing Inlet Gas Temperature of Potline to Improve HF Adsorption in Fume Treatment Plant** by Nikhil Kumar Singh of NALCO
- **Current creep in FY25 for volume increment in FY26** by BALCO
- **Reduction of Sodium (Na) in Butt at Hirakud Rodding Plant to Enhance Process Stability** by Jay Prakash Soni of Hindalco Industries Ltd.
- **Failure Analysis of Coreless Induction Furnace Refractory Lining, used for Iron Melting in Anode Rodding Shop of an integrated Aluminium Smelter –observation during its Operation and Maintenance** by R.N. Nandy of NALCO
- **Reliability Improvement of Compressor House Through Online Vibration Monitoring** by Biswajit Tewari of Hindalco Industries Ltd.
- **DC Energy Reduction at 235 kA Potline** by Jay Prakash Soni of Hindalco Industries Ltd.
- **Conversion of IAP Valves to Diaphragm Valves at Potline-2 FTP** by BALCO



- **Evolution of Anode Slot Cutting Machines: From Mechanical Optimization to Intelligent Automation** by Santosh Kulkarni of EPIQ Machinery, Saint-Bruno, Québec, Canada
- **Reduction in Specific Boron Consumption in Cast House-3 from 0.93 kg/MT to 0.76 kg/MT** by BALCO
- **Sustainable Recycling of Raw Materials and by- products of Smelters with Reference to Carbon, and Carbon Dust for Operation of Greener Aluminium Smelters** by Maheswar Behera, Consultant – Aluminium Industries
- **Development of MR162 Alloy Billet for Micro Tube Application** by Deepesh Goyal of Vedanta Aluminium Metal Ltd.
- **Improving Age-Hardening Response of AA6201 Rod: Role of Mg/Si Optimization and Strontium-Assisted Intermetallic Transformation** by Harsh Vardhan Dubey of BALCO
- **Probabilistic Property Modelling for Reliable Casting Design and Production** by Horst Bramann of MAGMA Gießereitechnologie GmbH, Germany
- **A Compressible Multiphase Volume of Fluid Model for Aluminum Powder Production Using Inert Gas Atomization** by Adwaith Gupta of Paanduv Applications Private Limited
- **Development of Al-Si-REE Alloy for High Temperature Application** by Anirban Giri of Vedanta Aluminium Metal Ltd., Jharsuguda, India
- **Valorization of Aluminium Extrusion Leachate for Detergent Grade Zeolite Production via Controlled Crystallization** by Amol Mankar of JNARDDC, India
- **Successful journey of 10kg Primary Foundry Alloy (PFA) Production in DTA Cast House** by Rashmi Sahoo of Vedanta Aluminium Metal Ltd., Jharsuguda, India
- **Scrap-to-value-added product with extended Fe-impurity tolerance: Undiluted recycling of Aluminium** by A.K. Prasada Rao of GITAM deemed to be University
- **Production of Synthetic Slag from Aluminium Dross** by Rajesh Khatirkar of VNIT, Nagpur, India
- **Aluminium Scrap Recycling Technology with Latest Vortex Melting Technology** by Prakash Maladkar of AFECO Heating Systems
- **Prevention of Fastener Loosening Using HARDLOCK Nut Technology** by Avdhoot Desai of HARDLOCK Industry Co. Ltd., Osaka, Japan



About IBAAS



IBAAS, International Bauxite, Alumina & Aluminium Society was set up by professionals active in various fields of aluminium industry and is registered in India Registration No.MAH-820/12 (N). The society has vast experience in organizing conferences on bauxite, alumina and aluminium in India, China and Guinea. IBAAS has successfully organized Thirteen International Aluminium Industry events in Asia and Africa during the period 2012-2025. Details of these past IBAAS International conferences can be downloaded from the IBAAS website <http://www.ibaas.info/>.

Chief Guest of IBAAS 2026 Conference and Exhibition

Honourable Shri Suresh Pujari ji, Cabinet Minister of Revenue and Disaster Management, Government of Odisha, Bhubaneswar

Patrons

- Mr. Brijendra Pratap Singh, CMD of NALCO, India
- Mr. Satish Pai, Managing Director of Hindalco Industries Ltd, India
- Mr. Rajesh Kumar, Whole-Time Director & Chief Executive Officer, Vedanta Aluminium Metal Limited
- Mr. S. Kankanand, President & Head Mfg CoE of Hindalco Industries Ltd, India
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- Mr. Abhijit Pati, Consultant Aluminium Industry
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- Dr. Vilas Tathavadkar, Chief Technology Officer (Aluminium upstream and Copper) of Hindalco Industries Ltd

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- Mr. Sankar Sankaranarayanan, Consultant- Aluminium Industry
- Dr. Jyoti Prakash Nayak, General Manager – High Alumina Technology, TRL Krosaki Refractories Limited
- Mr. Ashutosh Kumar, VP of Engineering, Caliche
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- Mr. Satyanarayan Das, Consultant- Aluminium Industry

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- Mr. Arbind Kumar Akela, Executive Member- IIM, Sambalpur Chapter
- Ms. Priyanka Jadhav, Executive- IBAAS
- Ms. Kabita Nandi, Member- IBAAS
- Ms. Piyal Sen Gupta, Designer- IBAAS
- Ms. Disha Balpande, Executive Assistant- IBAAS
- Mr. Himanshu Dhargawe, Executive Assistant- IBAAS

Convener

- Dr. Ashok Nandi, President- IBAAS



Conference Highlights

IBAAS 2026 ESG Awards

Following the success of the ESG Awards in 2024 and 2025, IBAAS, in collaboration with **CETIZION Verifica**, is proud to present the **IBAAS 2026 ESG Awards**, recognizing outstanding achievements in environmental sustainability, social responsibility, and good governance across the global aluminium industry.

The **Awards Ceremony** will be held on **10th September 2026** during **IBAAS 2026** in **Jharsuguda, Odisha, India**.

Important Dates

- **Registration Closes: 20th August 2026**
- **Questionnaire Submission Deadline: 31st August 2026**

For details and registration: www.ibaas.info/esg-awards

Contact:

Mr. Gangaa C. Sharma

Email: gangaacsharma@cetizionverifica.com

Post-Conference Technical Plant Visits

Two post-conference technical plant visits have been arranged for **Saturday, 12th September 2026**, offering delegates an opportunity to gain first-hand exposure to world-class aluminium production facilities in Jharsuguda, Odisha.

1. **Aditya Aluminium Smelter, Lapanga**

Located approximately **30 km from MAYFAIR Oasis Resort & Convention**, this technical visit provides participants with an opportunity to explore the operations of the Aditya Aluminium Smelter.

2. **Vedanta Aluminium, Jharsuguda, Odisha**

Located approximately **22 km from MAYFAIR Oasis Resort & Convention**, this visit offers delegates an opportunity to experience one of India's leading aluminium manufacturing facilities.

Participation in each plant visit is **limited to 30 delegates** and will be offered on a **first-come, first-served basis**. Delegates interested in participating are requested to confirm their registration in advance.



Conference Information

Important Dates

Deadlines for submission of abstract and final manuscript

- Topic with Abstract: 31st May, 2026
- Final manuscript: 15th August, 2026
- Presentations: 31st August, 2026

Please submit the abstract, paper, or presentation on info@ibaas.info or info.ibaas@gmail.com.

For young specialists, research scholars and students, a special Poster Session will be organized at the venue of conference.

Language

The language of the Conference is English. Papers will be published in the Proceedings Volume in English.

Invitation Letter

If requested by participants, an official invitation letter would be organized by IBAAS.

Proceedings

Selected papers will be published in the form of PROCEEDINGS (BINDER Volume 14) and a soft copy will be made available to all the delegates during the Conference.

Conference Venue

The IBAAS-2026 Conference & Exhibition will be held at the *Mayfair Hotel, Jharsuguda-India.*

Contact details:

MAYFAIR Oasis Resort & Convention

Address: TRC Building, Near Sub Jail, Durlaga, Jharsuguda,
ODISHA – 768 204

Website: www.mayfairhotels.com

Contact Person: Kumar Keshav, AGM - Sales & Marketing

Mobile: + 91 - 91247 52305 | Email: agmsales.jharsuguda@mayfairhotels.com



Accommodation

A list of recommended hotels along with applicable room tariffs is available on the IBAAS website. Participants are requested to visit the link below for detailed information and booking arrangements:

<https://ibaas.info/accommodation-ibaas-2026-india/>



Delegate Fee

Please find below the fees for delegates, paper presenters and student/research scholar. Delegates from India and other countries can pay in INR and US\$.

Sr. No.	Participants	Organizational Fee	
		INR (₹)	US\$
1.	General Delegates	35,000	425
2.	Paper Presenters	20,000	225
3.	Government R&D Institutes / Government Officials	20,000	225
5.	Students/Research Scholar	10,000	125
6.	Accompanying Spouse	10,000	125
7.	Post-Conference Plant Visit Fee	6,000	60

- ✓ *Delegate fee includes conference materials, lunches, dinner and tea/coffee.*
- ✓ *Extra 18% GST will be applicable on both INR and US\$.*
- ✓ *Interested students and research scholars should provide their poster presentations during the conference.*

Sponsorship

Sponsoring this IBAAS-2026 International Event will provide the opportunity to highlight your company profile and gain unparalleled access to the key decision makers in this industry.

The sponsorship packages available are:





Platinum Sponsor:
₹11,00,000+18% GST or
US\$12,000+ 18% GST

1. About 30-minute presentation on the first day of IBAAS conference
2. Chairman of one session
3. A standard stall
4. Company logo on IBAAS webpage with a link
5. Company name and logo on background board of conference venue, advertisements and conference documents
6. Company name in all the publications of IBAAS
7. Sponsorship highlighted in updated conference circular that will be sent to all the aluminium companies
8. Projection of company name and logo in panel hall during tea break
9. Full page coloured advertisement in conference souvenir (booklet)
10. Conference registration for 8 delegates included

Gold Sponsor:
₹8,50,000+18% GST or
US\$9,500+18% GST

1. A 25-minute presentation on the first day IBAAS conference
2. A standard stall
3. Company logo on IBAAS webpage with a link
4. Company name and logo on background board of conference venue, advertisements and conference documents
5. Company name in all the publications of IBAAS
6. Sponsorship highlighted in updated conference circular that will be sent to all the aluminium companies
7. Projection of company name and logo in panel hall during tea break
8. Full page coloured advertisement in conference souvenir (booklet)
9. Conference registration for 5 delegates included

Silver Sponsor:
₹7,50,000+18% GST or US\$
8,500+18% GST

1. A 20-minute presentation on the first day IBAAS conference
2. Company logo on IBAAS webpage with a link
3. Company name and logo on background board of conference venue, advertisements and conference documents
4. Company name in all the publications of IBAAS
5. Sponsorship highlighted in updated conference circular that will be sent to all the aluminium companies
6. Projection of company name and logo in panel hall during tea break
7. Full page coloured advertisement in conference souvenir (booklet)
8. Conference registration for 3 delegates included

**Support Sponsor:**

**₹5,00,000+18% GST or US\$
5,500+18% GST**

1. Company logo on IBAAS webpage with a link
2. Company name and logo on banners at the venue
3. Company name and logo on background board of conference hall, advertisements and conference documents
4. Company name in all the publications of IBAAS
5. Sponsorship highlighted in updated conference circular that will be sent to all the aluminium companies
6. Full page coloured advertisement in conference souvenir (booklet)
7. Conference registration for 2 delegates included

Conference Dinner Sponsor:

**₹5,00,000+18% GST or US\$
5,500+18% GST**

1. Company logo on IBAAS webpage with a link
2. Company name and logo on banners at the venue
3. Company name and logo on background board of conference hall, advertisements and conference documents
4. Company name in all the publications of IBAAS
5. Sponsorship highlighted in updated conference circular that will be sent to all the aluminium companies
6. Full page coloured advertisement in conference souvenir (booklet)
7. Conference registration for 2 delegates included

Conference Lunch Sponsor:

**₹4,00,000+18% GST or US\$
4,500+18% GST**

1. Company logo on IBAAS webpage with a link
2. Company name and logo on banners at the venue
3. Company name and logo on background board of conference hall, advertisements and conference documents
4. Company name in all the publications of IBAAS
5. Sponsorship highlighted in updated conference circular that will be sent to all the aluminium companies
6. Full page coloured advertisement in conference souvenir (booklet)
7. Conference registration for 2 delegates included

✓ Extra 18% GST will be applicable on both INR and US\$.

Exhibition



At the venue of the IBAAS-2026 conference, an exhibition will be organized showcasing the developments of the aluminium industry in India and the world over. Fully furnished aluminium framed stalls of 2m x 2m size would be available for interested companies. More than 300 delegates from India and abroad are expected to participate in this International mega event. The tariff for the exhibition stall is as follows:

Sr. No.	Exhibition module	Tariff for 3 days conference	
		INR (₹)	US\$
1	1 stall	350,000	4,000
2	2 stalls	600,000	7,000
3	3 stalls	950,000	10,500

- ✓ *The exhibitor will get 2 free delegates on registration of each stall.*
- ✓ *Extra 18% GST will be applicable on both INR and US\$.*

Event Management

The event management for the 14th International Bauxite, Alumina & Aluminium Conference & Exhibition (IBAAS 2026) will be handled by GR Mart, a unit of A1 Events, Jharsuguda, Odisha (GSTIN: 21ABLPA1137G1ZE).

For any requirements related to your exhibition stall, please contact Mr. Navin Agrawal.

Contact Person:

Mr. Navin Agrawal

Mob.: +91 9583111475

Email: a1eventsjsg@gmail.com, agrawal.navin92@gmail.com

Advertisement



A Souvenir (booklet) will be published containing company profiles and advertisements. The tariff is as follows:

Sr. No.	Advertisement in Conference Souvenir	Fee	
		INR (₹)	US\$
1	Back Page Cover (Colored)	120,000	1,500
2	Front inside Page (Colored)	96,000	1,200
3	Back inside Page (Colored)	72,000	900
4	Full Page (Colored)	60,000	800
5	Half Page (Colored)	48,000	600
6	Black & White (Full Page)	48,000	600

- ✓ For Indian companies extra 18% GST will be applicable.
- ✓ For Foreign companies No GST is applicable.



Mode of Payment

The official payment gateway for IBAAS conferences and exhibitions is managed by **INSTITUTION OF BAUXITE ALUMINA AND ALUMINIUM STUDIES PVT LTD.** (Trademark name: **International Bauxite, Alumina and Aluminium Society - IBAAS**).

Company details for remittances:

- **Registration No.:** U74999MH2020PTC338118
- **PAN:** AAFCI5966F
- **GSTIN:** 27AAFCI5966F1ZA

Kindly use this payment gateway for all IBAAS-related transactions.

The Indian companies / delegates can pay registration, sponsorship, advertisement and exhibition fee in one of the following ways:

Payment to the Bank account of IBAAS, India:

- By wire / Internet transfer to IBAAS Current Account
Account No. 005905020300
Bank name: ICICI Bank (Nagpur Civil Lines)
SWIFT CODE: ICICINBBCTS
RTGS/NEFT IFSC code: ICIC0000059
- By multicurrency cheque or demand draft in the name of "INSTITUTION OF BAUXITE ALUMINA AND ALUMINIUM STUDIES PVT LTD" and send it by post to IBAAS, Row House A/5, Rajat Utsav II Kachimet, Amravati Road, Nagpur 440033, India.
- Payment can also be made by Indian companies and delegates through the QR code given below:



The foreign companies / delegates can pay their registration, sponsorship, advertisement and exhibition fee in the following way:

- By wire / Internet transfer to IBAAS Current Account
Ultimate Beneficiary:
Account Number: 005905020300
Account Name: INSTITUTION OF BAUXITE ALUMINA AND ALUMINIUM STUDIES PVT LTD
Beneficiary Bank: ICICI Bank Ltd, Mumbai (India)
ICICI BANK SWIFT CODE: ICICINBBCTS
Corresponding/Intermediary Bank Name: J P MORGAN CHASE BANK, NEW YORK
Corresponding Bank Swift Code: CHASUS33XXX
Purpose: Advertising, trade fair service

Receipt of payment will be provided by e-mail and hardcopy will be sent by post/courier.

Please confirm your payment on e-mail info@ibaas.info and contact us for further queries on payments.



Contact Information

IBAAS Office, India

Website: <http://www.ibaas.info/>

Office E-mail: info@ibaas.info;
info.ibaas@gmail.com

Contact Persons

Dr. Arun Nandi

Secretary, IBAAS

Cell No.: +91 97486 63846

arun@ibaas.info

Ms. Priyanka Jadhav

Executive

Cell No.: +91 9373818839

info@ibaas.info,

info.ibaas@gmail.com

Dr. Ashok Nandi

President & Conference Convener

Cell No.: +91 9823015772

ashok.nandi@ibaas.info

You are requested to send all materials related to Conference "IBAAS-2026", to the e-mail addresses shown above. Your participation in the Conference will be highly appreciated.

Organizing Committee

IBAAS-2026

14th International Bauxite, Alumina, Aluminium Conference & Exhibition (IBAAS-2026)

September 9-11, 2026

MAYFAIR Hotels & Resorts Ltd., Jharsuguda (India)



REGISTRATION FORM

Title-(Prof/Dr/Mr/Mrs/Ms)	
Name of the Participant	
Position	
Name of the Organization/Institute / Company / Industry	

Address			
City		State	
Zip Code		Country	
Email			
Telephone		Mobile No.	

Require Visa Support Letter

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Paper Detail (For Authors only)

Paper Title	
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Payment Detail

Mode of Payment: Bank Transfer / Cheque / DD / Cash	
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Hotel Accommodation

Require Hotel	
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Accommodation Choice, if any:

Post Conference Plant Visit

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Date:

Signature: