Organiser

Chhattisgarh Steel Re- Rollers Association

Supported by

ALL INDIA STEEL CONCLAVE 3.0

What's Next in Steel: India's Emerging Shift

11-12 Jan 2027

MAYFAIR LAKE RESORT, RAIPUR (C.G.)

RAIPUR

The Steel City of India



Knowledge & Marketing Partner

BIGMINT



About the Conference

ALL INDIA STEEL CONCLAVE 3.0

The **All India Steel Conclave 3.0 (AISC 3.0)** returns with a renewed vision, bringing together India's steel industry at a dynamic intersection of ideas, innovation, and leadership. Organized by the Chhattisgarh Steel Re-Rollers Association, the conclave will be held on **11-12 January 2027**, bringing together industry leaders, steel producers, traders, policymakers, and key stakeholders to exchange perspectives, foster meaningful collaborations, and explore the opportunities shaping the future of Indian steel under the theme, "What's Next in Steel: India's Emerging Shift."

Conference Focus

AISC 3.0 will examine the key transitions shaping India's steel industry from t echnological advancement and raw material security to value addition, export competitiveness, sustainability, and investment. With a strong focus on industry-led opportunities and emerging market dynamics, the conclave will highlight Chhattisgarh's growing role in India's next phase of steel development.

Conference Theme

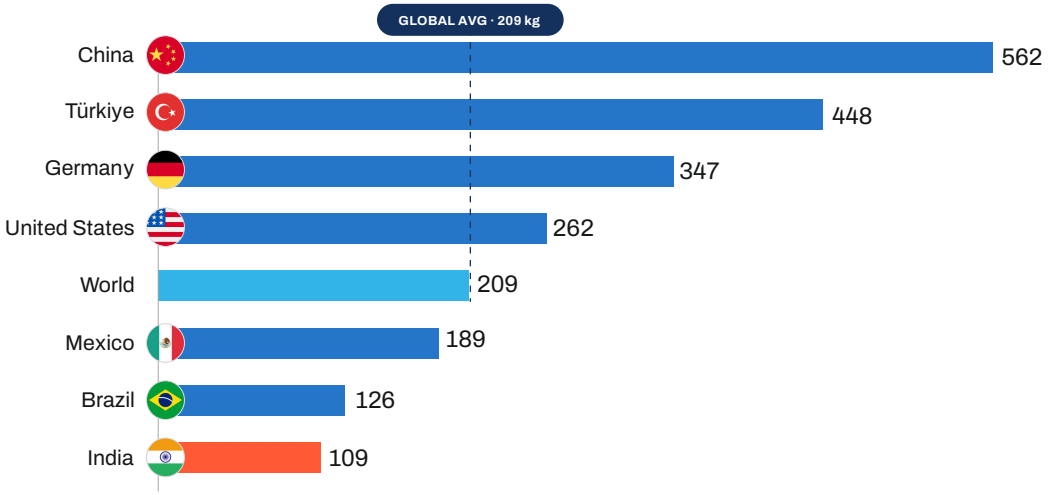
"What's Next in Steel: India's Emerging Shift"

India's steel industry is entering a new era, marked by changing demand, technology-led transformation, global integration, and a sharper focus on efficiency and sustainability.

- What will the next decade of Indian steel look like?
- Which technologies and products will shape its competitiveness?
- Where will the next wave of growth and investment emerge?

How big is India's steel-demand runway when it uses barely half the world's per-capita average?

Apparent Steel Use Per Capita, 2025 (kg / person) · Global Average: 209 kg



India 109.2 kg · Just 52% of the 209 kg global average

- India used just 109.2 kg of finished steel per person in 2025 — barely half the global average of 209 kg.
- That 99.8 kg gap is the real story: latent demand waiting in housing, infrastructure and manufacturing.

Source: World Steel Association, World Steel in Figures 2026, p.17. Units: kg of finished steel per person.

History doubled per-capita steel in 5–9 years — how fast can India go from 100 to 200 kg?

Years Taken to Double Per-Capita Steel Consumption (≈100 kg → ≈200 kg)

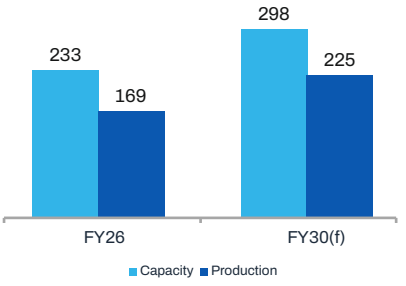


- Japan, Korea, China and Vietnam all doubled from ~100 to ~200 kg within just five to nine years.
- India crossed 100 kg in 2024 — how fast it reaches 200 kg depends on how quickly investment converts to demand.

Source: BigMint analysis; India 2024 threshold cross check: World Steel in Figures 2026, p.17.

Can India lift output to ~225 mnt by FY30 — and which production route gets it there?

Crude Steel Capacity & Production (mnt)



+56 mnt production · FY30 demand 205–215 mnt · ~8–9% CAGR

Production Route Mix, FY26 vs FY30(f) (mnt)



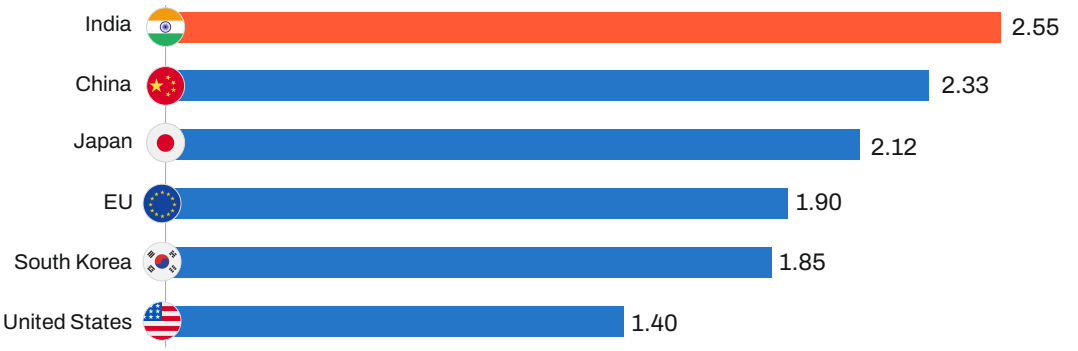
BOF share rises 42.5% → 48%

- Production could rise from 169 to ~225 mnt by FY30 (~8–9% CAGR) on capacity of ~298 mnt.
- The coal-heavy BOF route grows to ~48%, raising the stakes for the carbon and raw-material questions ahead.

Source: BigMint — India's steel capacity & production scenario via different routes. Figures for financial years (FY); FY30 fore cast.

Can India keep growing steel output while its carbon intensity stays the highest of any major market?

Steelmaking Emissions Intensity, 2025 (tCO_2 / tonne crude steel)



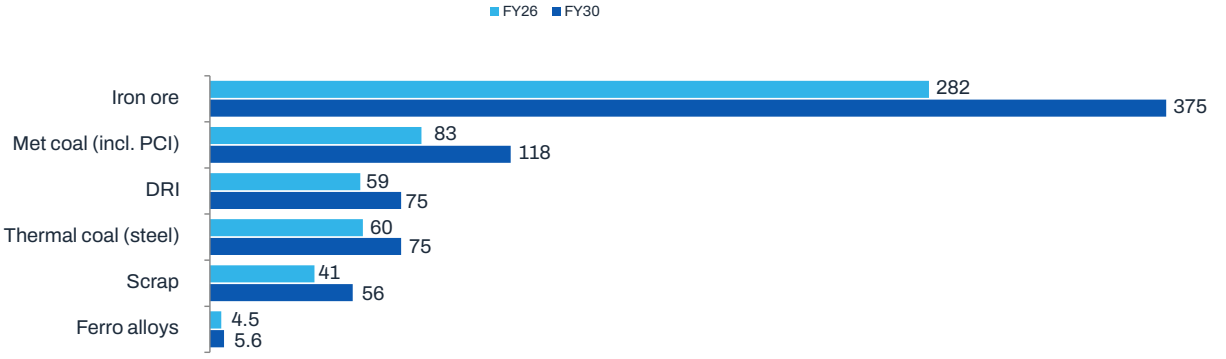
India 2.55 tCO_2/t — highest shown · BF-BOF route share rising **42% → 56%** by 2030(E)

As carbon trading evolves, how will India's coal-based steel industry adapt to rising carbon costs and regulatory pressure?

Source: Quesrow Report, Emissions unit: tCO_2 per tonne of crude steel.

Can India's raw-material supply chain keep pace as steel output climbs toward FY30?

RAW-MATERIAL DEMAND, FY26 vs FY30 (mnt) · all figures for financial years (FY)



- By FY30, iron ore rises to 375 mnt, met coal 118, DRI 75, thermal coal for steel 75, scrap 56 and ferro alloys 5.6 mnt.
- Import-heavy coal, high-grade ore tightness and limited scrap will shape costs, technology choices and supply security.

Source: BigMint coke-demand model & Quesrow analysis. All figures for financial years (FY); units in mnt.

Chhattisgarh's production across India's steel & raw-material chain

State-wise Production, FY26 (provisional) · top 5 states by commodity

CRUDE STEEL — 169.2 mnt

India total

1	Odisha	29.43
2	Chhattisgarh	24.60
3	Jharkhand	21.20
4	Maharashtra	18.00
5	West Bengal	16.36

HOT METAL — 96.54 mnt

India total

1	Odisha	22.22
2	Jharkhand	19.09
3	Karnataka	14.90
4	Chhattisgarh	12.76
5	Maharashtra	9.53

SPONGE IRON — 60.30 mnt

India total

1	Odisha	14.80
2	Chhattisgarh	13.00
3	West Bengal	9.60
4	Gujarat	7.30
5	Karnataka	4.70

IRON ORE — 312.61 mnt

India total

1	Odisha	157.30
2	Chhattisgarh	54.02
3	Karnataka	47.91
4	Maharashtra	22.65
5	Jharkhand	20.94

PELLETS — 119.90 mnt

India total

1	Odisha	40.30
2	Karnataka	20.40
3	Maharashtra	13.90
4	West Bengal	12.00
5	Jharkhand	11.30

CHHATTISGARH #6 — 10.40 mnt

COAL — 1,040.56 mnt

India total

1	Odisha	263.82
2	Chhattisgarh	221.07
3	Jharkhand	201.59
4	Madhya Pradesh	173.77
5	Maharashtra	67.03

CHHATTISGARH: A CONNECTED STEEL ECOSYSTEM

- 2nd Largest steel state
- 15% India's crude steel
- 2nd Largest coal state
- 21% India's coal
- 9% India's pellets
- 22% India's sponge iron
- 18% India's ferro alloys



Unit: million tonnes (mnt). FY26 (Provisional). State rankings exclude "Others". Source: JPC, BigMint.

Key Discussion Areas

- India Steel Outlook
- Global Steel Shift
- Chhattisgarh Steel Story
- Raw Material 2030
- Mini BF Opportunity
- Value-Added Steel
- Carbon Market
- Steel Logistics
- Mineral Exchange
- Quality Upgradation
- Narrow Strip Outlook
- Steelmaking Productivity

Who Should Participate

Steel Producers & Integrated Steel Companies
Engage with leading players shaping India's steel production and growth.

Steel Re-Rollers & Secondary Steel Manufacturers
Connect with key stakeholders driving value addition and downstream growth.

Iron Ore, Coal & Raw Material Producers/Traders
Explore evolving raw material availability, sourcing, and supply dynamics.

Technology & Equipment Providers
Showcase solutions driving efficiency, innovation, and next-generation steelmaking.

Steel Traders, Exporters & Distributors
Discover emerging market opportunities and strengthen business networks.

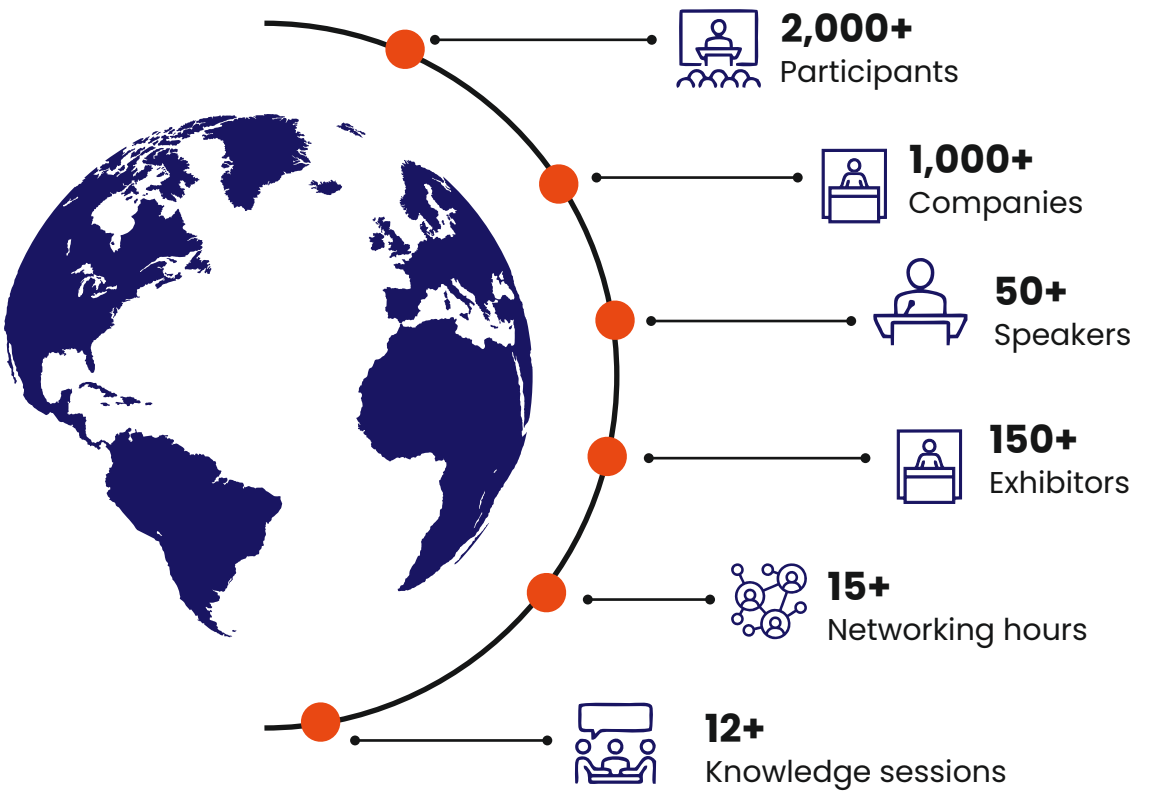
Infrastructure, Logistics & Service Providers
Build partnerships across the evolving steel supply chain.

Banks, Investors, Consultants & Industry Analysts
Gain insights into investment opportunities, market trends, and industry outlook.

Government, PSUs, Industry Associations & Policymakers
Participate in strategic discussions shaping the future of India's steel sector.

Steel End-Users & Downstream Industries
Connect with suppliers and explore opportunities across India's growing steel Industry.

What to Expect?



Tentative Schedule

Day 1 | 11th Jan'27

MAIN HALL (HALL A) · Strategy, Markets, Raw Materials & Investment

10:00 to 10:30
India Growth Engine: Macro Outlook to 2030

- GDP, investment cycle & infrastructure capex driving steel intensity
- Manufacturing, housing & mobility as core demand pillars
- Where steel sits in India's $5-trillion economy ambition

10:30 to 11:00
The Chhattisgarh Steel Story: State to Steel Powerhouse

- CG's share in India's sponge iron, DRI & secondary steel
- Mineral endowment, power advantage & industrial corridors
- State roadmap: from raw-material base to value-added hub

11:00 to 12:30
AISC 3.0 Formal Inauguration

- Formal inauguration — Union & State Ministers, Secretaries, NMDC / SECL leadership, CSRA Core Committee. Theme unveiling: "What's Next in Steel: India's Emerging Shift."

12:30 to 01:30 | Networking Lunch

13:30 to 14:15
Global Steel Outlook: Shifting Trade Flows & India's Opening

- Overcapacity, China slowdown & realignment of export corridors
- CBAM, tariffs & protectionism reshaping global trade
- Where India fits: import substitution vs export ambition

14:15 to 15:00
India Steel Supply–Demand 2030: The Balance Ahead

- Demand build-up by sector vs capacity addition pipeline
- Secondary sector's rising share in the 300 MT target
- Regional demand shifts & the eastern-belt advantage

15:00 to 16:00
Raw Material Security I: Iron Ore & Coal

- Ore availability, grade decline, pricing & captive-mine access
- Coking & thermal coal security; import dependence risks
- Policy, auctions & long-term supply contracts

16:00 to 17:00
Raw Material Security II: Metallics, Scrap & India's DRI Growth Story

- Scrap ecosystem, shredding, imports & vehicle-scrappage policy
- Metallics basket — HBI, pig iron, scrap blend economics
- DRI–scrap balance for quality IF/EAF steelmaking

17:00 to 18:30
Special Leadership & Motivational Address

- Highlighted stand-alone leadership session.
  (No points of discussion — inspirational address to close Day 1.)

TECHNICAL HALL (HALL B) Strategy, Markets, Raw Materials & Investment

13:30 to 13:45
Technical Track Opening & the Plant Technology Journey

- Theme-setting for plant heads, metallurgists & technology suppliers. Frames Hall B as a walk through the steel plant - raw material to finishing - balancing TODAY, NEXT and FUTURE technologies.

13:45 to 14:15
Beneficiation & Pelletisation of Low-Grade Indian Ore

- Beneficiation routes for declining-grade hematite fines
- Pellet vs lump/sinter economics for DRI & BF feed
- Reducing gangue, boosting metallisation & kiln productivity

14:15 to 15:15
Steelmaking Route Economics — Which Route for the Next 10–15 Years?

- BF–BOF / Coal-DRI–IF / Coal-DRI–EAF / Gas-DRI–EAF / DRI+Mini-BF / Scrap–EAF compared on capex, opex, energy, metallic & ore need, yield, carbon intensity
- Product-mix flexibility, scale & raw-material dependency for Indian conditions
- If I invest today, which route makes economic & technological sense to 2035?

15:15 to 16:00
Energy-Efficient EAF & Next-Gen Melting (High DRI/HBI Operation)

- Scrap preheating, continuous & hot-DRI/HBI charging
- Electrode, power & bottom-stirring optimisation
- Specific energy & tap-to-tap reduction at high DRI ratios

16:00 to 16:45
Ladle Refining & Clean-Steel: A Secondary-Metallurgy Implementation

- Problem → Technology → Implementation → Result → Replicability
- LRF/deoxidation & inclusion modification for certifiable grades
- Measured gains in cleanliness, defect & rejection rates

16:45 to 17:30
Digital Steel Plant: AI, Advanced Process Control & Predictive Maintenance

- Real-time process control, computer-vision quality & digital twins
- Predictive maintenance & downtime reduction — proven ROI
- Industry 4.0 adoption roadmap for mid-sized Indian plants

Day 2 | 12th Jan'27

MAIN HALL (HALL A) · Competitiveness, Logistics, Markets & Opportunity

10:00 to 10:45
Value-Added Steel: From Commodity to Capability

- Moving up the chain to value-added & export-ready grades
- Import-substitution products India still buys abroad
- Margins, branding & customer qualification

10:45 to 11:45
Raw Material Logistics for 300 MT Steel — Can India's Infrastructure Keep Pace?

- Mine-to-plant & port-to-plant: rakes, sidings, first/last-mile, DFC & coastal shipping
- Imported coking-coal economics; slurry pipelines & beneficiation-linked movement
- Logistics cost per tonne of steel — can infrastructure support 2030+ capacity?

11:45 to 12:30
Carbon, Cost & Competitiveness for Coal-Based Steel

- Carbon-trading platform (CCTS) & impact on coal-based units
- CBAM exposure on exports & compliance cost
- Low-carbon levers that protect competitiveness

12:30 to 13:15
Downstream Opportunity: Narrow Strip, Structures, PEB, Pipes & Tubes

- Narrow strip mill — supply, demand & future gap
- PEB structural steel, pipes, tubes & railway-grade demand pull
- Chhattisgarh as an emerging downstream & VAP hub

13:15 to 14:00 | Networking Lunch

14:00 to 15:15
CXO Outlook 2030: How Indian Steel Should Prepare

- Demand, investment & the 300 MT journey
- Route, product & decarbonisation bets each CXO is making
- State investment opportunities & the Chhattisgarh advantage

15:15 to 15:45
Productivity Turnaround: A Plant Transformation Story

- Baseline pain-points & the improvement roadmap
- Cost, yield & quality gains achieved
- Replicable lessons for mid-sized producers

15:45 to 16:45
Special Session on Leadership Values

- Highlighted stand-alone leadership address. (No points of discussion — closing leadership talk.)

16:45 to 17:15
Valedictory Session & Closing Remarks

- Conclave synthesis, key takeaways, awards/recognitions and vote of thanks by CSRA and the Association. Roadshow & AISC 4.0 announcement.

TECHNICAL HALL (HALL B) Technology & Plant Transformation Track

10:00 to 10:45
Hydrogen & Next-Generation DRI — The Global Frontier

- Shaft-furnace advances & hydrogen-ready / H_2-DRI transition paths
- Higher metallisation, energy efficiency & carbon intensity
- Relevance & readiness for India's huge sponge-iron base

10:45 to 11:30
Global Ironmaking Frontier: Smelting Reduction & Electric Smelting from Low-Grade Ore

- Smelting-reduction & ESF routes for lower-grade Indian ore
- Global demos: Stegra / HyCROF / FINEX-type learnings
- Hot-metal-direct-from-ore — readiness for Indian conditions

11:30 to 12:15
Rotary Kiln Modernisation & Coal-DRI Efficiency — A Retrofit Story

- PROBLEM → TECHNOLOGY → RESULT → REPLICABILITY on an operating kiln
- Accretion control, metallisation, coal consumption & campaign life
- Waste-heat recovery, captive power, automation & emissions

12:15 to 12:45
The Phosphorus Question: Dephosphorisation for DRI/IF Quality Steel

- Raw-material phosphorus → DRI quality → melting-route limits
- Slag chemistry & practical dephos/desulph routes
- Cost of reaching structural & auto-grade specifications

12:45 to 13:15
Continuous Casting & Modern Rolling: Yield & Automation

- Caster productivity, breakout prevention & near-net-shape/thin-slab options
- Rolling automation, gauge control & endless casting-rolling learnings
- Yield, surface quality & low-waste practice in re-rolling

13:15 to 14:45
Open Slot

- Possible directions: (1) Waste-heat recovery, process-gas & ZLD/water circularity; (2) Slag & by-product valorisation / circular steelmaking; (3) Robotics, autonomous cranes & smart-logistics inside the plant.

Sponsorship Benefits

SPONSORSHIP BENEFITS	Title	Powered By	Principal	Platinum	Gold	Silver	Associate
Sponsorship Fee	50 L	40 L	25 L	20 L	15 L	8L	5L
Video Display about the Company at the conference	Upto 5 min / AV	Upto 3 min / AV	Upto 2 min / AV	—	—	—	—
Exhibition Stall (Raw Space)	54 sq.mtr	36 sq.mtr	18 sq.mtr	9 sq.mtr	9 sq.mtr	9 sq.mtr	No
Advertisement in the Event Book	Premium Page	Premium Page	Premium Page	Premium Page	Full Page (inside)	Full Page (inside)	Full Page (inside)
Acknowledgement & Thank-You Note During Conference	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Complimentary Delegate Passes	10	10	8	6	4	2	2
Accommodation Provided (Twin Sharing Basis)	5	5	4	3	2	1	1
Company Brochure in Delegate Kit (Insertion)	Yes	Yes	Yes	—	—	—	—
Company Logo on Main Stage Backdrop	1st	1st	2nd	3rd	4th	5th	6th
Logo in Conference Promotion Video	1st	1st	2nd	3rd	4th	—	—
Logo in Promotional Emails & Social Media	1st	1st	2nd	3rd	4th	5th	6th
Top-Tier Recognition on Promotional Materials	1st	1st	2nd	3rd	4th	5th	6th
Company Profile & Logo on Conference Website (with link)	1st	1st	2nd	3rd	4th	5th	6th

Other Sponsorship Opportunities

Additional branding and hospitality tie-ins available at extra cost, on top of any partnership tier above.

Lanyard Sponsor
15 Lacs

Delegate Kit Sponsor
5 Lacs

Maximum 2 companies

Lunch Sponsorship
DAY 1 **5 L** DAY 2 **5 L**

Maximum 2 companies per day

Dinner Sponsorship
5 Lacs

Maximum 2 companies

Return Gift Partner
5 Lacs

Maximum 2 companies

Add-on costs are in addition to the base sponsorship fee and are payable separately. Prices are for India-based sponsors, exclusive of applicable taxes.

Tentative Layout



Registration Area

Notes:

Exhibition spaces are subject to availability and will be allotted on a first-come, first-served basis.

Stall allocation will be confirmed upon payment and confirmation.

The exhibition layout shown is tentative and subject to change.

The organiser reserves the right to modify the layout/stall allocation without prior notice.

Phase II exhibition spaces will be opened for sale closer to the event date, subject to availability.

Overall Dome Area

6,180 sq mtr

Including Phase II

Total Stalls 176

Exhibition Opportunities



Sample Octonorm Booth (3m × 3m)

A	**OPTION A** **Octonorm Booth (3×3)**	**2,50,000** per booth
B	**OPTION B** **Bare / Raw Space**	**20,000** per sq.mt

Two ways to showcase your brand on the exhibition floor — a ready Octonorm booth or bare space to design your own.

Note: Additional 18% GST would be applicable

Per Delegate Fee

Early Bird	Standard Fee	On-Spot Fee
INR **15,000**	INR **18,000**	INR **21,000**
15th Sep - 15th Nov Valid till	16th Nov - 25th Dec Valid till	26th Dec - 10th Jan Valid till

Note: Additional 18% GST would be applicable

Association Member Delegate Fee

Applicable For RISTA, CISA, Steel Chamber Bhilai

Early Bird	Standard Fee	On-Spot Fee
INR **8,000**	INR **10,000**	INR **12,000**
15th Sep - 15th Nov Valid till	16th Nov - 25th Dec Valid till	26th Dec - 10th Jan Valid till

Note: Additional 18% GST would be applicable

Past Event Glimpse















Organiser

Chhattisgarh Steel Re- Rollers Association

ALL INDIA STEEL CONCLAVE 3.0

Supported by

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Ramesh Agrawal
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Sanjay Tripathi
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Secretary



Banke Bihari Agrawal
Laxmi Kripa Ispat Pvt. Ltd.

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