TECHNICAL THEMES

Technical Session I

Green Steel: Decarbonisation, Circularity & Sustainable Manufacturing

Technical Session II

Corrosion-Induced Failure: Mechanisms, Analysis & Case Studies

Technical Session III

Wear-Induced Failure: Mechanisms, Analysis & Case Studies

Technical Session IV

Student–Academia–Industry Interaction: Oral & Poster Presentations (in parallel)

ORGANIZING COMMITTEE

Convener

Dr. Ashok K. Tiwari
Director, M/s Chemi-Chem, Mumbai

Co-Conveners

Prof. Tapas K. Bandyopadhyay
Prof. J. Dutta Majumdar
Prof. Manas Paliwal
Dept. of MME, IIT Kharagpur

ABOUT THE CONFERENCE

The global steel industry is at a turning point. As the world moves towards net-zero and India works towards 300 million tonnes of steel capacity by 2030, the sector must cut emissions while staying globally competitive.

Green innovation is not only about cleaner steelmaking; it is also about making steel components last longer. Every failure prevented through sound failure analysis, corrosion and wear control, and surface engineering saves material, energy and emissions.

Held alongside SMME 2026 in Kolkata, this one-day conference brings together researchers, scientists, academicians, engineers and industry professionals to discuss green steel technologies, failure analysis, corrosion and wear mechanisms, protective coatings and sustainable mitigation strategies for a competitive Steel 2030.

SCAN TO REGISTER

Registration form
+ download the Abstract, Oral Presentation and Poster formats

forms.gle/z7BKd4JQ1vQPrRGg9

CONTACT

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Conference Secretariat

smme2026.desk@gmail.com

Held during

SMME

International Steel, Metallurgy & Materials Exhibition & Conference

Tue. 8th - Thu. 10th December 2026

Biswa Bangla Exhibition Centre, Newtown, Kolkata

ONE DAY CONFERENCE • 8 DECEMBER 2026

STEEL 2030

Driving Green Innovation & Global Competitiveness

Technical Focus

Green Steel through Failure Prevention & Surface Engineering

Biswa Bangla Exhibition Centre
New Town, Kolkata, West Bengal

ORGANISED BY

elementex
Connecting Businesses - Bridging GAPS

PROGRAMME SCHEDULE

	Time	Programme
	10:30–11:00	Registration, Tea & Networking
	11:00–11:30	Inaugural Session
	11:30–12:00	**Plenary Talk**
Technical Session I	12:00–12:20	**Keynote Talk 1**
	12:20–12:40	**Keynote Talk 2**
	12:40–13:00	**Keynote Talk 3**
	13:00–13:20	Industry Talk – Thermax
	13:20–14:10	*Lunch Break*
Technical Session II	14:10–14:30	**Keynote Talk 4**
	14:30–14:50	**Keynote Talk 5**
	14:50–15:10	**Keynote Talk 6**
Technical Session III	15:10–15:30	**Keynote Talk 7**
	15:30–15:50	**Keynote Talk 8**
	15:50–16:10	**Keynote Talk 9**
	16:10–16:25	*Tea Break*
Technical Session IV	16:25–17:40	Oral Presentations
	16:25–17:40	Poster Session (parallel)
	17:40–18:10	Valedictory Session

Keynote / Industry talk: 20 min • Contributory oral: 10 min

IMPORTANT DATES

Registration Deadline:	30-11-2026
Abstract Deadline:	30-11-2026
Conference Date:	08-12-2026
Mode:	Hybrid (O翩 ine + Online)

Venue: Biswa Bangla Exhibition Centre, New Town, Kolkata (during SMME 2026)

REGISTRATION FEE

Delegate Category	Fee (per head)
Industry Delegates	₹3,000
Group Registration (5 or more)	₹2,500
SMME Exhibitor Delegates	₹2,500
Faculty / Scientists / Researchers	₹2,000
Students / Research Scholars	₹1,500
Overseas Delegates	USD 100
Invited Speakers / Session Chairs	Complimentary

All fees are exclusive of GST (applicable extra).
Fee includes conference admission, exhibition entry, lunch and tea/coffee breaks.

PAYMENT DETAILS

Beneficiary	ELEMENTEX INDIA PRIVATE LIMITED
Account No.	925020050242265
Bank	AXIS BANK LTD.
Branch	Basant Lok, New Delhi - 110057, India
IFSC Code	UTIB0005109
SWIFT Code	AXISINBB015
Regd. Address	F-270, Lado Sarai, New Delhi - 110030, India

Email the payment receipt / screenshot with your registration details to smme2026.desk@gmail.com

DISTINGUISHED SPEAKERS

PLENARY SPEAKER

Prof. Indranil Manna
Vice Chancellor, Birla Institute of Technology Mesra

KEYNOTE SPEAKERS

Dr. T. Bhaskar
Chief Technology O翩 cer & Sr. General Manager (Technology), Tata Steel Long Products Ltd.

Prof. Arup Kumar Mondal
Professor
NIT Durgapur

Prof. Prabhas Chakraborty
Professor
Jadavpur University

Mr. Prahlad Halder
Dy. General Manager, NETRA
NTPC Ltd.

Dr. Debashish Ghosh
Chief Scientist
CSIR – CMERI, Durgapur

Prof. Raman Singh
Professor
Monash University, Australia

Dr. S. Chidambaram
Principal Scientist
CSIR – CMERI, Durgapur

Dr. Suvam Chatterjee
Sr. Manager, Welding Engg.
GE Power India Limited

Dr. Prakash Srirangam
Associate Professor
University of Warwick, UK

INDUSTRY TECHNICAL PRESENTATION

Thermax *(Green Steel session)*

ORGANIZED BY

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Connecting Businesses - Bridging GAPS

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