

In association with:

TATA STEEL

Jointly Organised by



Condition Monitoring Society of India
(Regd. No. 45061/2003)



Institution of Engineers (India) -
Jamshedpur Local Centre

NATIONAL CONFERENCE ON CONDITION MONITORING (NCCM 2026)

Advancing Reliability with Intelligence
Driving Industry 4.0 and Beyond



CONFERENCE THEME

Advance condition monitoring
with AI and industry 4.0

KEY TOPICS



Advances in Condition
Monitoring Technologies



AI & Machine Learning
for Predictive Insights



Industry 4.0 & IIoT
Integration



Data Analytics &
Digital Twins



Reliability, Safety &
Asset Performance



Sustainability through
Proactive Maintenance

About the Conference:

NCCM-2026 aims to provide a platform for knowledge sharing among experts, engineers, and academicians on advancements in condition monitoring. It emphasizes the role of AI and Industry 4.0 in improving predictive maintenance and reliability, promotes adoption of advanced techniques to enhance efficiency and reduce downtime, and encourages innovation and collaboration between industry and academia. The expected outcomes include enhanced technical knowledge of participants, increased adoption of modern condition monitoring practices, strengthened industry-academia partnerships, and identification of future research and application areas in smart maintenance systems.

Call for Papers:

NCCM-2026 invites paper submissions across disciplines related to Condition Monitoring of Machines and Structural Health Monitoring for presentation at the conference and inclusion in its proceedings. Submissions that include relevant case studies are particularly encouraged, as they offer greater practical value to participants. All papers will undergo peer review prior to acceptance.

DATE:



11-12 December 2026

VENUE:



Shavak Nanavati Technical
Institute, N-Road,
Jamshedpur - 831001

HIGHLIGHTS

- Keynote Addresses by Eminent Experts
- Technical Paper Presentations
- Industry Case Studies
- Panel Discussions
- Exhibition
- Networking with Professionals & Experts

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Towards a Smarter, Safer & Sustainable Tomorrow



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- ❖ Enhanced Sensor Technology
 - ❖ AI & ML in Condition Monitoring
 - ❖ Data Acquisition and Instrumentation
 - ❖ Integration with Digital Twin
 - ❖ Maintenance/Asset Management
 - ❖ Vibration Monitoring
 - ❖ Equipment fault diagnostic model
- ❖ IR Thermography
 - ❖ Motor Current Signature Analysis
 - ❖ Oil/Wear Debris Analysis/Ferrography
 - ❖ Ultrasonics for Health Monitoring
 - ❖ Structural Health Monitoring
 - ❖ Damage Identification Algorithms
 - ❖ Signal Processing Techniques for Monitoring

Guidelines for Paper Submission:

- Any original contribution/constructive review not published elsewhere.
 - Experimental investigation with definite conclusions.
 - Case studies of industrial importance.
 - Simulation studies with practical demonstration /result.
 - Design of instruments /system/ software.
 - Abstracts and camera-ready manuscripts to be sent to in MS-Word format.
 - At least one of the authors should be to register for Presenting the paper.
- Paper should not exceed 8 (Eight) A4 Size pages.
 - Font: Times New Roman. Margins: left = 1.5 inch, top, bottom & right = 1 inch.
 - Title: 14 point bold, all caps; Author details: 12 point, italics.
 - Abstract (200 words Maximum): 11 point italic with single line spacing to be placed after title and author details.
 - Text: 12 point normal justified; Paragraph headings: 12 point bold, sentence case; Line spacing 1.5 lines.
 - Figures to be inserted in .jpg/.bmp format.

Note : Commercialism / promotion of products should be avoided. Papers submitted without registering for conference by at least one of the authors will not be published.

Registration Fees:

Members of CMSI & IEI
 Non- Members (Industry/R&D)
 Members of CMSI (Academic)
 Non -Members (Academic)
 Research Scholars
 Students (UG/PG Engg/Science)

Rs. 3000 /-
 Rs. 4000 /-
 Rs. 2000 /-
 Rs. 3000 /-
 Rs. 1500 /-
 Rs. 1000 /-

Receipt of Abstract
 Intimation of acceptance
 Submission of full length paper
 Notification of review comments
 Final submission
 Registration deadline

30 Jun 2026
 15 Jul 2026
 15 Aug 2026
 15 Sep 2026
 15 Oct 2026
 30 Oct 2026

Key Dates:

Call for Sponsor:

Event Sponsor:

Event sponsors are entitled for free advertisement /display of logo at conference backdrop, product brochure in conference kit.

Platinum Sponsor – Rs 3,00,000
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 (4 Delegates + 1 Page full Colour Advertisement)

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 (3 Delegates + 1 Page full Colour Advertisement)

Advertisement:

A special souvenir will be brought out during NCCM 2026 consisting of abstracts of papers. An advertisement in the souvenir will be providing an excellent opportunity to reach out to professionals across fraternity.

Outside Back Cover (1) Rs. 25,000/-
 Inside Cover Pages (2) Rs. 20,000/-
 Full Page advertisement Rs. 15,000/-
 Half Page advertisement Rs. 10,000/-

Exhibition Stall:

Apart from presentations, it is planned to have exhibits of products from industries. Hiring cost of each stall is Rs 30,000/-.

Payment of Fees:

NEFT/DD/Cheque drawn in favor of:
“The Institution of Engineers India Jamshedpur”
A/c No: 50100211347052, IFS Code: HDFC0001066,
HDFC Bank, Jamshedpur – 831001, Jharkhand, India
Note: Additional 18% GST Applicable against all fees



NCCM-2026

CMSI is a nonprofit Professional body, and it was established in 2003 by a team of Scientists, Engineers, Maintenance Professionals and Academicians with an intention to promote and guide industry towards self-reliance and improved productivity through the application of condition-based maintenance strategies. The Society also intends to be a common platform for condition monitoring practitioners to share their experience and expertise. To fulfill its objectives, the Society conducts International and National Conferences, Workshops, Conference and Short-Term Courses. CMSI also publishes a newsletter 'MONITOR' to keep its members abreast in all the facets of Condition Monitoring.

About Condition Monitoring Society of India – Jamshedpur Local Chapter :

CMSI, Jamshedpur Chapter was started in the year 2010. Purpose of the CMSI local chapter is to bring together Condition Monitoring and maintenance engineers working in this region to share their experience more closely through case studies, Conference and workshops for furthering the Implementation of condition monitoring methodologies. CMSI Jamshedpur chapter has been organizing Seminars, Exhibitions, Workshops and Technical Lectures on Condition monitoring at regular intervals. They also provide training on Condition monitoring to Small Scale Industries in and around Jamshedpur.

About Institution of Engineers (India):

The Institution of Engineers (India) (IEI), established in 1920 and headquartered at 8 Gokhale Road, Kolkata, is the largest multidisciplinary professional engineering body in India, encompassing 15 engineering disciplines. Incorporated by Royal Charter in 1935, it remains the only professional body in India to receive this distinction. Over more than a century, IEI has played a significant role in the development of modern engineering and serves engineers, academicians, and researchers by offering technical, professional, and support services to government, industry, and academia. It operates through 125 centres across India and 6 overseas chapters, and maintains strong international linkages through bilateral agreements with about 31 organizations as well as membership in 8 international professional bodies, thereby establishing a prominent global presence.

About Institution of Engineers (India)- Jamshedpur Local Centre:

The Jamshedpur Sub-Centre, established in 1952 as the first sub-centre in the country, initially served around 200 corporate members across Singhbhum district and was upgraded to a Local Centre in 1979. Today, IEI Jamshedpur features a well-developed campus with a library, office, and Secretary's room set amidst a landscaped garden. It currently has over 2,265 corporate members and approximately 6,500 non-corporate members. The Centre conducts a wide range of professional activities, including technical meetings, industrial visits, continuing education programs, seminars, symposia, and quizzes, alongside National Conventions and International Seminars. It also regularly observes key global and professional days with due significance. The Centre is presently led by Chairman Er. Vinit Kumar Shah, FIE, and Honorary Secretary Dr. Seeram Madhuri.

About Jamshedpur City:

Founded by Sir Jamsetji Nusserwanji Tata, Jamshedpur is India's first well-planned industrial city and a leading manufacturing hub of eastern India. Known as the "Steel City of India" is home to Tata Steel, India's oldest integrated steel plant, and is driven by automobile, manufacturing, power, engineering, and allied industries. Set against the scenic Dalma Hills and located near the Subarnarekha and Kharkai rivers, Jamshedpur blends industrial excellence with natural beauty, planned infrastructure, green avenues, and a vibrant cosmopolitan culture—making it an ideal setting for conferences, networking, and professional gatherings.

**Dimna Lake****Jubilee Park**

The nearest airport is Ranchi, distance ~112 km



Tatanagar Junction, which is well-connected to major cities across India.



National Highway 33 connects Jamshedpur to major cities like Ranchi, Kolkata, and Patna.

Chief Parton:

Er. Probal Ghosh
Vice- President, Asset & Energy
Management, Tata Steel Limited

Organising Chair:

Er. Ved Prakash Thakur
Chief of Mechanical Maintenance, Tata
Steel,
President – CMSI Jamshedpur Chapter

Er. Vinit Kumar Shah
Chief (Manufacturing), Long Product,
Tata Steel,
Chairman – Institution of Engineers
(India), Jamshedpur Chapter

Conference Parton:

Dr. V. Bhujanga Rao,
Patron, CMSI & Chairman KIMS
Foundation Research Centre (KFRC),
Hyderabad.

Conference Chair:

Er. PVS Ganesh Kumar
President, CMSI & DRDO Fellow, NSTL,
Visakhapatnam

Convenors:

Er. GRP Singh
Head QA & Analytics, Tata Steel Limited,
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Dr. T. Venkata Ratnam
General Secretary, CMSI & Associate
Professor of Practice (CSE), SRM
University – AP, Amaravati

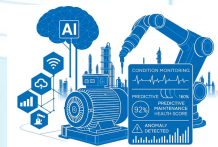
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Date / Venue:

11-12 December 2026

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