

AITISM'23:VISION 2035

7th International Conference

**Automation & Information
Technology in Steel, Mining
& Other Manufacturing Industries**

***27th-28th February'23
& 1st March'23***

Venue: SAIL, Satellite Community Hall, Near DPS
School, Dhurwa, Ranchi, India-834004.



ORGANISED BY : COMPUTER SOCIETY OF INDIA

SUPPORTED BY



Steel Authority
of India



Mecon



Coal India



Technology
Knowledge Society



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For further details Please visit: www.aitism.in

7th International Conference

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INTRODUCTION

International Conference on **Automation and Information Technology in Steel, Mining and Manufacturing Industries (AIT-ISM)** is organised biennially by **Computer Society of India (CSI), Ranchi Chapter** at SAIL, Satellite Community Hall, Near DPS School, Dhurwa, Ranchi, India-834004.

Manufacturing is extremely competitive and financial margins that differentiate between success and failure are very tight with established industries needed to compete, produce and sell at global level. **Indian Steel, Mining and other Manufacturing industries** in the country is undergoing expansions and modernization to meet the growing demands of the nation. It involves introduction of **new state of the art technologies** as well as improvements in the existing facilities.



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Data Analytics Platform for all the Industries is the digital solution that collects, analyzes and visualizes data from a variety of subsystems and devices within the Plants. The solution, with either on-premise or Cloud connectivity, can be utilized as one Centralized platform for collecting and analyzing data and applying new technologies such as Data Mining, Machine Learning and AI to search the hidden patterns. Advanced service combining digital analytics solution is utilized to achieve unprecedented levels of quality, yield and productivity.

Manufacturing industries in general, produce large amounts of Solid Wastes through its various processes and were mostly dumped. With increase in Environmental restrictions, there has been significant thrust on developing technologies for their Recycling, Reuse and Reduction in Carbon footprint. The immense developments in the field of Automation and IT have revolutionized the low Carbon Steel Making, Mining and other Manufacturing industries by augmenting plant throughput.

Main focus in AITISM'23 would be Data Analysis, Improved Product Quality, Increased Energy Efficiency, Online Image Analysis, Advancement in Wireless Technology, Unconventional Source of Green Energy (Power & Water) Generation through Fly-wheel technology and other sources like Solar and Wind etc, Waste to Wealth management, Optimized Resource Utilization and enhanced personnel safety and Minimized Carbon Footprint Generation.

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The continuous research and development in this ever expanding arena necessitates sharing and exchange of technical information & experiences among the Industry, Academia and Automation fraternity.

The previous Six Conferences, **AITISM'07, AITISM'09, AITISM'12, AITISM'14, AITISM'16** and **AITISM'19** successfully witnessed an overwhelming participation from India and Overseas by **Steel, Mining and other Manufacturing industries, Scientists and Technologists from Research / Academic Institutes, Technology Developers / Providers (local as well as Global), Maintenance & Project personnel, Consultant, Manufacturers and R & D efforts.**

Encouraged with this tremendous response and keeping the aforesaid factors in mind, **Computer Society of India (CSI), Ranchi Chapter is organizing 7th International Conference (AITISM'23) titled "Automation and Information Technology in Steel, Mining and other Manufacturing industries (AITISM'23): Vision 2035" during 27th - 28th February'2023 & 1st March' 2023.**



Conference Topics and Issues:



The conference program will include Technical Paper Presentations, Manufacturer Presentations and Technical Exhibition etc. The broad areas the conference will focus on

Data Analytics & Data Science for Business Analytics

- ▶ Artificial Intelligence and Data Mining

OPTION

01

Innovative & Futuristic Automation & IT Solutions

- ▶ Process Improvement initiatives in Automation and IT
- ▶ Advances in IT, Communication, Networking and Information Security
- ▶ Robotics, Cobotics & Mechatronics applications
- ▶ Online Elemental & Image Analysis
- ▶ Intelligent deployment of UAV system
- ▶ Reverse Engineering & Additive Manufacturing processes
- ▶ Virtual Reality Technologies and Industrial applications
- ▶ Reverse Engineering & 3D printing

OPTION

02

Smart Renewable Energy systems for Carbon footprint mitigation

- ▶ Smart, Energy Efficient & Environment friendly Systems
- ▶ Circular Economy focused Industrial systems and processes
- ▶ Green Energy through fly-wheel technology, Solar & Hydro Power

OPTION

03

Computerization of Business Functions Through ERP & MES

OPTION

04

Conference Date & Venue

AITISM'23 will be held during 27th - 28th February'2023 & 1st March'2023 at Ispat Bhawan, R&D Centre for Iron & Steel, Steel Authority of India Ltd. and MECON Community Hall, Doranda, Ranchi, India.

Language:

Official language of the Conference is English.

Conference Program:

The Conference Program will include Inaugural Session, Plenary Session, Manufacturer's Presentation, Paper presentations in various Technical Sessions, Technical Exhibition (Layout of the Technical Exhibition is given in the Conference website) and Valedictory Session. Details are available in website: www.aitism.in

How to Register:

You can register online at our website www.aitism.in and pay by electronic fund transfer / On-line transfer.



SPONSORSHIPS

SL NO.	TYPE	AMOUNT ₹	US \$	Free Delegates with all the facilities of a Delegate*	Manufacturer's Presentation & Time slot
1.	Platinum	6.00 lakh	9000	5 + 2 No Technical Stalls**	1(30 Minutes)
2.	Diamond	5.00 lakh	7500	4 + 2 No Technical Stalls	1(25 Minutes)
3.	Gold	4.00 lakh	5500	3 + 1 No Technical Stall	1(20 Minutes)
4.	Silver	3.00 lakh	4500	2	1(20 Minutes)
5.	Only Manufacturer Presentation	1.00 lakh	1500	2	20 Minutes
6.	Paper Presentation	8,000	500	Nil	8 Minutes
7.	One Delegate	8,000	500	Nil	
8.	One Technical Stall	1.00 lakh	1500	2	
9.	Program Dinner	4.00 lakh	5500	3	
10.	Conference Dinner	4.00 lakh	5500	3	
11.	Conference Lunch 1st or 2nd day	3.00 lakh for each day	4500	2	
12.	Inaugural high tea	1.00 lakh	1500	1	
13.	Technical Sessions	0.5 lakh	750	1	
14.	Conference Kit	5.00 lakh	7500	4 + 1 No Technical Stall	1(30 Minutes)
15.	Valedictory function	1.00 lakh	1500	1	
16.	Gift inside Conference Kit	1.00 lakh	1500	1	

BUSINESS OPPORTUNITIES:

1. **Business Desk:** Provisions shall be made available for future Business opportunities for the participating Organizations. Special Meetings shall be arranged for CEO's/Head of Organizations.
2. **Participation of startup Companies:** 50% Discount shall be provided for startup companies and participants for future business opportunities in India and abroad.
3. **Online participation:** Provision for remote online participation shall be made available for willing Companies/Start-ups/Participants.

* Free Delegate includes Conferenc Kit and invitation for all events.

**One Technical Exhibition Stall includes 1 free delegate having all the facilities of a free Delegate.

***One Manufacturer's Presentation will get benefits as mentioned above. Time slot for Presentation has also been mentioned.

There will be no additional charges for accompanying spouses of outstation delegates.

SOUVENIR & ADVERTISEMENTS:

A Souvenir containing Conference details and informative articles shall be released during the Conference. The soft copy of the same shall be uploaded in the website along with Abstracts, Papers and Presentation materials made available to us. Advertisements for the souvenir can be booked at the following rates:

COLOUR FULL PAGE	₹ 50,000/- (US \$ 675)
COLOUR HALF PAGE	₹ 30,000/- (US \$ 405)
B & W FULL PAGE	₹ 25,000/- (US \$ 270)
B & W HALF PAGE	₹ 20,000/- ((US \$ 202)

DELEGATE REGISTRATION:

Registration fee includes Conference Kit and invitation to all events. There will be no additional charges for accompanying spouses of outstation delegates. Author(s) of accepted papers who will be attending the conference to present the paper will also need to register as a delegate. The details of registration charges are given below:

CATEGORY	INDIAN ₹	OVERSEAS \$
INDIVIDUAL	₹ 8,000/-	US \$ 1000
CSI /TKS/IIM/IEEE MEMBERS	₹ 5,000/-	US \$ 500

STUDENT CHAPTER:

CATEGORY	INDIAN ₹	OVERSEAS \$
Engineering Students/Stdents from any Student Chapters (does not include) Conference Kit and Conference Dinners except lunch and Conference Proceedings)	NIL	NIL

Further details are provided in
Conference website:

www.aitism.in



PAYMENT DETAILS:

All payments related to registration of delegates, sponsorship, advertisements, technical exhibition, manufacturers' presentation etc. are to be made online to the Conference Account having the following details:

PAN NO : AAATC1710F

A/C NAME : COMPUTER SOCIETY OF INDIA

A/C NO. : 480101010036499

IFSC CODE : UBIN0548014

BANK'S NAME & ADDRESS : UNION BANK OF INDIA
SHYAMALI COLONY BRANCH, RANCHI - 834002

TRAVEL

Domestic airlines connect Ranchi with Delhi, Kolkata, Mumbai, and Patna. Ranchi is well connected by rail and road network with major cities, namely Bangalore, Bhubneshwar, Chennai, Jamshedpur, Jaipur, Kolkata, Mumbai, Nagpur, Patna, Raipur, New Delhi and Vishakhapatnam.

ACCOMMODATION

Ranchi offers a range of accommodation to suit every budget. Both economy and luxury class hotels are available in Ranchi within 5 km from the Conference venue. Delegates are requested to book the accommodation of their own in advance. For assistance in advance booking, Conference Secretariat may be approached.

While booking, please inform the Hotel that you are a participant of AITISM'23.

CONTACT US:

All correspondence should be made at following address:

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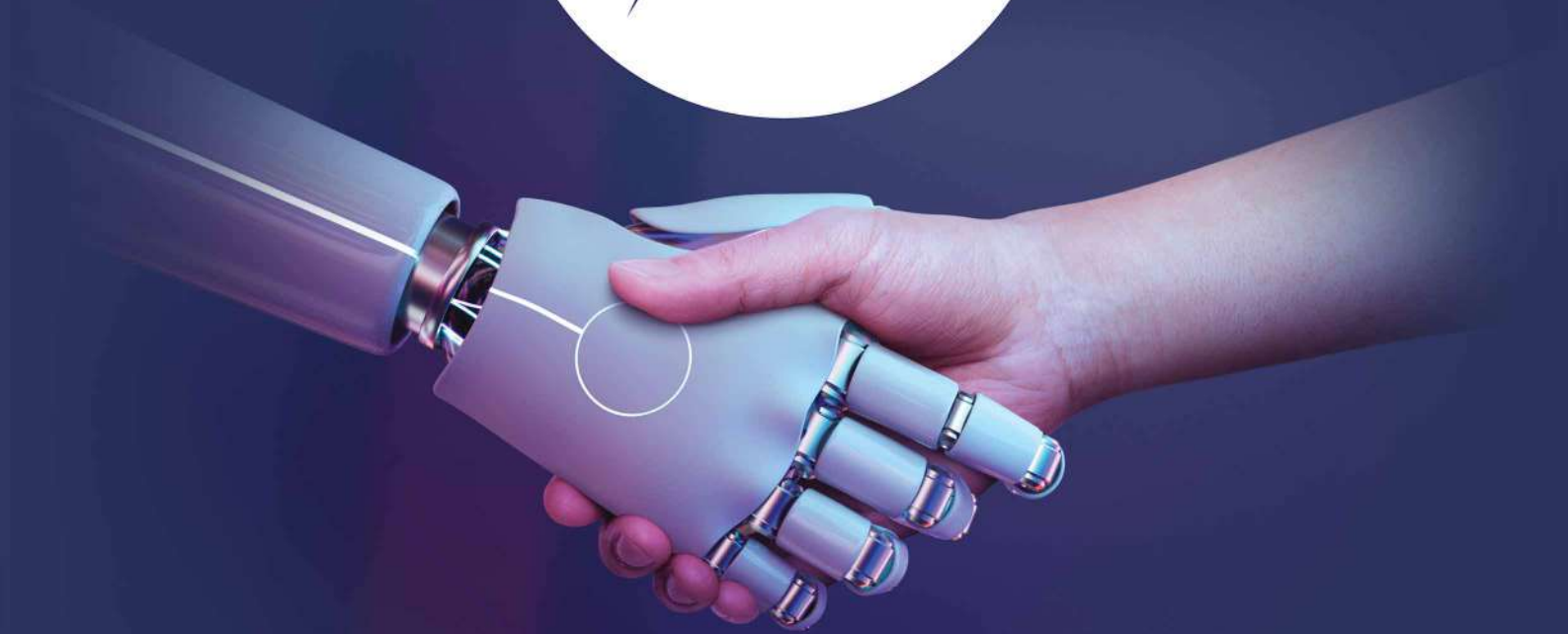
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Thank you

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