



INTERNATIONAL SOCIETY OF AUTOMATION

ISA DELHI SECTION

Announces The Automation Virtual Mega Event

TOTAL-2021

TOMORROW'S OPPORTUNITIES WITH TODAY'S AUTOMATION LEADERS

Link for Delegate Registration:

<https://www.isadelhisectiontotal2021.candsevents.in/delegate.php>

Dates to Remember

**3rd September, Friday
and
4th September, Saturday**



Key Attractions

- **Technical Sessions**
- **Exhibits – Walk Through**
- **Quiz with Prizes**
- **Student's Special**
- **Panel Discussions**
- **Honours & Awards**
- **Case Studies**
- **Participation Certificates**



ISA DELHI SECTION

A Unique Two Day Virtual Automation Event

TECHNICAL SESSIONS

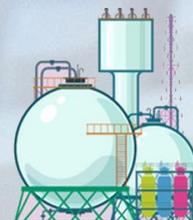
- IIoT and Digital Technology
- Smart Logistics & Infrastructure
- Analytics Potential in AI
- Innovative Energy solutions
- IT Synergy in Industrial Automation
- Cyber Security – Surveillance in Automation

Participation by National & International Professionals and Leaders from Instrumentation & Automation fraternity of:

- End Users
- Manufacturers
- Consultants
- EPC Companies
- Academicians

INDUSTRY FOCUS

- Power Generation
- Chemicals & Fertilizers
- Oil & Gas
- Food & Pharma
- Infrastructure Automation
- Water Treatment





ISA DELHI SECTION

Virtual Platform to Showcase & Interact with Dignitaries & Experts

Exposition Centre



Auditorium



Exhibition



Reasons to Attend

- Easy Browse-through of the 3D Exhibitor Booths.
- Unique Text Chat feature to engage the delegates.
- Learn about the industry best practices.
- Advance your knowledge with Panel discussions.
- Sharing of business information across Industries.
- Gain innovative insights through Supplier exhibits.

Reach Out to us at:

Email: info@isadelhi.org Website: www.isadelhi.org

Ph No: +91 9313384543

TOTAL 2021



ISA DELHI SECTION

PROGRAM DETAILS				
Date-3rd-4th Sep-2021				
TOTAL-2021				
DAY-1		3-Sep-21		
Inaugural Session				Time
1	Welcome of Participants- Dr. Ashish Manchanda, Treasurer, ISA-D	MD, FINDER India Pvt Ltd		
2	Welcome Address by ISA-D President - Mr. Sushil Kumar	DGM, GAIL		09:15 AM 9:30 AM
3	Introduction of Chief Guest and Guests of Honour- Mr. Prasenjit Pal - Sr. Advisor, ISA-D	GM, NTPC		9:30 AM 9:35 AM
4	Address By Chief Guest and Guest of Honour Expected Dignitaries: Ms. Vartika Shukla – C&MD - Engineers India Ltd. Mr. Ujjwal Kanti Bhattacharya- Director Project – NTPC Mr. E S Ranganathan - Director Marketing - GAIL Dr. Prashant Gargava - Member Secretary CPCB Mr. V K Raizada - Executive Director - M&I - IOCL Mr. Neeraj Agrawal - Executive Director - C&I - NPCIL Ms. Alka Tuteja - Executive Director - PEM- BHEL Mr. Vivek Malhotra - Chief of Engineering- RIL			09:35 AM
5	Note of Gratitude and Way Forward - Mr. Mainak Nandi - Convenor TOTAL-2021	CGM, EIL		10:25 AM
6	Inauguration of Exhibition (Virtual Stall) and Release of e-Souvenir			10:30 AM
	Tea Break and Virtual Stall Visit			10:35 AM
IIoT AND DIGITAL TRANSFORMATION				
Session -1 :			Participant	10:45 AM 12:45 PM
	Opening Address by Mr. Saikat Bhowal (Sr. GM - Instrumentation)	Engineers India Limited		
1	Simulation and Digital Twin in Process Industry	SIEMENS LTD.	Roshan Kumar	
2	Unleashing the Power of Artificial Intelligence at the Industrial Edge	Schneider Electric	Helenio Gilabert	
3	IIoT and Digital Technology	AVEVA	Bharath Bala	
4	Digital Twins NOA	Phoenix Contact India Pvt. Ltd.	Suresh Jan	
5	IIoT in Vibration Monitoring	Forbes Marshall	Mukesh Vyas	
	Smart Quiz Session			
	Lunch Break and Virtual Stall Visit			01:00 PM 1:30 PM
INNOVATIVE ENERGY SOLUTION				
Session- 2 :				01:30 PM 03:20 PM
	Opening Address by Mr. S. K. Dutta (GM- PE-C&I)	NTPC		
1	Latest Trend in Stack Emission	CPCB (Member Secretary)	Prashant Gargava	
2	Green Hydrogen- for Greening the Grid	NTPC	Rajan Varshney	
3	Achieving automated operations and data driven insights from water/wastewater reuse	Royal Haskoning	Anil Kumar	

TOTAL 2021



ISA DELHI SECTION

4	Applicable emission Guidelines and regulation for different types of Industrial stacks	SICK India Pvt. Ltd.	David Inward Shaji Gopalakrishnan		
5	Exploring Analytics Potential in Artificial Intelligence	ASSYSTEM STUP from NMCG Water Sector	Jyoti Dhar		
	Smart Quiz Session				
	Tea Break and Virtual Stall Visit			03 20 PM	03:30PM

CYBER SECURITY- SURVEILLANCE IN AUTOMATION

	Session - 3			3:30 PM	5:30 PM
	Opening Address by Mr. Jagdish Mitra (CSO and Head of Growth)	Tech Mahindra			
1	Overview of ISA/ IEC standards for security of Industrial Automation and Control Systems (IACS)	EXIDA Consulting India Pvt. Ltd.	Sudhir Pai		
2	Industrial Network Security Architecture	SIEMENS Digital Industries	Vivek Roy		
3	Boost your Cyber Resilience for Automotive & Medical IIoT Devices	TÜV SÜD South Asia Pvt. Ltd.	Sivakumar R		
4	Making Digitalization Work for you! Approach for Implementation	Fluor Daniel India Pvt. Ltd.	Amit K Aglave, Pragati Agrawal		
5	Latest Technology in Testing & Calibration Presenter	Fluke	Vinod V		
	SPECIAL SESSION - ISA-DELHI- Student Session				
6	Nursebot: Automating The Healthcare Industry	Manipal University (Jaipur)	Pranav Sharma, Akshet Patel, Vaspan Motafram		
7	Auto Attendance System with Face Recognition Using MATLAB	Bhartiya Vidyapeeth (Delhi)	Aditya Sharma, Hemant Kumar, Vasudev Panth		
	Smart Quiz Session			5:30 PM	
	End of Day QUIZ PRIZE ANNOUNCEMENT				
	Delegate Contest Awards				
	Virtual Stall Visit				

Day-2

4-Sep-21

AI POTENTIAL IN ANALYTICS

	Session- 4 :			09:15 AM	11:15 AM
	Opening Address by Mr. N Vinod (GM-Instrumentation)	IOCL - Haldia			
1	Unlocking the value of industrial AI	ABB	Anindya Chatterjee		
2	Emerging Process Automation technologies of Ethernet APL and HART-IP	FieldComm Group India Society	Paul Sereiko		
3	Digitizing Process Plants using AI and ML Technologies to Enhance Sustainability	EMERSON Automation Solutions	Poonam Parmar		

TOTAL 2021



ISA DELHI SECTION

4	Comprehensive Early Warning System in Hydro Power Projects located very close to glaciers in Himalayas	NTPC	Sumit Kumar Haldar, Gunjan Tandon, Praveen Kumar Gupta		
5	Safe & Optimized Closed Loop Sampling Solution	Swagelok	Alice Chin		
	Smart Quiz Session				
	Tea Break and Virtual Stall Visit			11:15 AM	11:30 AM
IT SYNERGY IN INDUSTRIAL AUTOMATION					
	Session-5 :			11:30 AM	1:15 PM
	Opening Address by Mr. P.K. Gupta (AGM-PE C&I)	NTPC			
1	Ethernet APL for Process Automation	Pepperl+Fuchs (India) Pvt. Ltd.	Unnikrishnan R		
2	Significance of 5G on Industrial Automation in the Era of Industry 4.0 and Beyond	Engineers India Limited	Arupjyoti Saikia		
3	Operational excellence at Numaligarh Refinery Limited by implementing Web-Based, Database-Driven Digital Logbook and Shift-handover	HEXAGON	Komal Pawar		
4	Are We ready to transform your workforce into a digital worker	ABB	Mangesh Nawarange		
5	Evolving robust enterprise level in safety instrumented system using IloT	SAIPEM India Pvt. Ltd.	M. Ulaganathan		
	Smart Quiz Session				
	Networking Lunch Break and Virtual Stall Visit			01:15 PM	01:45 PM
TRENDS IN AUTOMATION-INNOVATION					
	Session-6 :			01:45 PM	03:30 PM
	Opening Address by Mr. Vivek Gupta (Joint Vice President Inst.)	DCM Sriram Fertilizers			
1	Latest Technology adopted in Pharma Industry	Centrient Pharmaceuticals	Ramesh Walia		
2	Smart Logistics & Infrastructure	Bechtel India Pvt. Ltd.	V V V Prakash		
3	Smart Solutions for Sustainable Smart Infrastructure	Fluentgrid Ltd.	Rahul Sharma		
4	RELAYability – Technology Concepts of Relays in Automation	FINDER Relay	Andrea Sabbatelli + Ashish Manchanda		
5	Accurate measurement - an essential element of controlling and improving offshore operations	Tracerco and EIP	Mohd. Nazir Ahmad Nazrin		
6	Water Quality Analysers	HACH	G B Diwakar		
	Smart Quiz Session				

TOTAL 2021



ISA DELHI SECTION

End of Day QUIZ PRIZE ANNOUNCEMENT			3:30 PM	
Tea Break and Virtual Stall Visit			03:35 PM	03:45 PM
SESSION-7: PANEL DISCUSSION				
<p>TOMORROW's OPPORTUNITIES - A Step towards Indigenisation and Local Manufacturing in Measurement & Automation Segment" Expected Dignitaries: a. Mr. Rajiv Gupta - Executive Director (Technical) - EIL b. Mr. M K Srivastava - Executive Director (Engineering) - NTPC c. Mr. G Chakraborty - Executive Director - CGD - GAIL d. Mr. Sanjay Raizada - CGM - Projects - IOCL e. Mr. C. Ananda - Executive Director - BHEL f. Mr. Anil Bhatia - Vice President & MD- Emerson Automation Solution HOST : Mr. Prasenjit Pal (General Manager - Project - NTPC) CO-HOST: Mr. Manish Kumar (DGM- EIL)</p>		<p>End User : IOCL, GAIL, NTPC Consultant: EIL Heavy Industry & Manufacturing Sector: BHEL, Emerson Automation Solutions</p>	3:45 PM	4:30 PM
Honours & Awards			4:30 PM	4:45 PM
Student Section Competition Winner Awards				
Delegate Contest Awards			4:45 PM	4:55 PM
Special Felicitation Ceremony - Mr. Sushil Kumar (President ISA Delhi Section) and Mr Mainak Nandi (Convenor TOTAL 2021)			04:55 PM	05:00 PM
Special Announcement for ISA Delhi Section Members			05:00 PM	
Vote of Thanks by Secretary - ISA-Delhi -Mr. Sarvesh Kr. Sharma		Sr. Manager, EIL		
NEXT EVENT FOLLOWS				

Supported By:



Platinum Sponsor:



Gold Sponsors:



BLISS ANAND



Our 75th Year - 2021



Silver Sponsors:



Standard Sponsors:

