



ISA Delhi Section

Setting the Standard for Automation

PETROLEUM AND POWER AUTOMATION MEET 2017

Venue: EROS Hotel,
Nehru Place, New Delhi

21st & 22nd April 2017
(FRIDAY & SATURDAY)



ISA (D) Petroleum & Power Automation Meet 2017

Driven by the visible effects of climate change and a global concern for sustainable development, the ENERGY INDUSTRY is today going through a virtual paradigm shift. This paradigm shift has also driven by a world-wide focus on reducing the Carbon Footprint of mankind through increased use of renewable energy and driving up the efficiency of all fossil fuel applications. This scenario throws an open challenge to both the update with Oil & Gas as well as the Power Industry to address the environmental issues while feeding the energy necessary to drive mankind's quest for progress & sustenance. These challenges also bring in their wake, a plethora of new opportunities to evolve, innovate and take demonstrable steps to address & overcome the challenges through deployment of optimum technologies to drive increased operational efficiencies and better management of the overall energy basket.

The field of Automation and Instrumentation Technology in both the OIL & GAS and POWER sectors are similar in nature and can drive a synergy to learn the best practices from each other. The system designers for these sectors have now realized that along with adoption of the international technology trends there is a growing need to adapt & innovate the systems to suit the Indian context.

To share the common knowledge among both these Industry Segments and learn the various technology advances in the Oil & Gas as well as Power Segment, ISA-Delhi Section (ISA-D) has taken a common initiative to bring the expertise from both these segments on one common platform of this MEGA EVENT in India. In order to bring together all the stake holders i.e. the automation users, manufacturers, consultants, EPC companies and academicians to facilitate dissemination of latest information and expertise for OIL & GAS as well as POWER domain, ISA Delhi Section has planned to organize a Conference & Exhibition on **21st and 22nd of April 2017 (Friday & Saturday) at Eros Hotel, Nehru Place, New Delhi**. The "PETROLEUM & POWER AUTOMATION MEET-2017" symposium plans to facilitate high-level interface among all the decision-makers of Petroleum and Power industry, wherein the developments and Challenges will be deliberated in-depth.

ISA-D has been providing a platform for interaction among Users & Technology providers for over a decade. We expect to continue with our knowledge sharing exercise. In continuation to the previous energy automation meets of ISA Delhi Section, it is expected that eminent professionals from India's leading organizations will be attending this symposium.

From the Oil & Gas sector, end users like IOCL, ONGC, GAIL, IGL, HPCL, BPCL, IFFCO, Cairn India, Essar Oil, Reliance Industries, and EPC Companies like EIL, PDIL, Technip, Fluor, Bechtel India, Haldor Topsoe, UOP, CB&I, Petrofac India, Triune, Wood Group etc. are expected to actively participate in the technology meet.

Similarly from Power Sector, end users like NTPC, Tata Power, Reliance Power, NPCIL, PGCIL, JP Power Ventures, Adani, Lanco Power, State Generation Utilities, Desein and EPC companies like BHEL, Doosan, Toshiba, L&T etc. are expected to actively participate and contribute in this technology meet.

Like in the past, this time also, we are confident that the forthcoming program would provide new concepts and insights for your business and professional needs. We also expect to further propagate the deliberations and learnings from this summit to the policy makers for facilitating growth of automation and instrumentation technology in India.

ISA Delhi Section
Program Details
Date-21st-22nd April-2017
“Hotel Eros, Nehru Place, New Delhi”

DAY-1	21-Apr-17	
Inauguration Session	Time	
Registration	08:30 AM	09:30 AM
Arrival of Chief Guest	09:30 AM	9:45 AM
Welcome of Dignitaries	09:45 AM	
Lamp Lighting	09:50 AM	
Welcome address by ISA-D President	09:55 AM	
Address by Guest of Honour	10:00 AM	
Address by Guest of Honour	10:15 AM	
Address by Guest of Honour	10:30 AM	
Address by Chief Guest	10:45 AM	
Release of Souvenir by Chief Guest	11:05 AM	
Vote of Thanks by Convener	11:10 AM	
Inauguration of Exhibition by Chief Guest and Dignitaries	11:15 AM	
Networking Tea Break	11:30 AM	12:00 PM
Session-1 :	12:00 PM	01:00PM
Process and Operation expectations from Automation		
	EIL	Ms. Jayati Ghosh
	NTPC	Mr. Sudip Nag
	IOCL	Mr. Sanjay Raizada
Networking Lunch Break	01:00 PM	02:00 PM
Session-2	02:00 PM	03:30 PM
Deploying automation solutions for effective operation and energy management		
1. Li-Fi Instrument Communication Network	Fluor Daniel India Pvt. Ltd	Mr. Sheikh Rafik Manihar Ahmed
2. Unified HMIPIS	NTPC	Mr. Somenath Kundu
3. Technical Presentation on Comprehensive Lightning protection solution” as per the recently release NBC – 2016 (National Building Code)	DEHN INDIA (P) Limited	Mr. Brijesh Malik



4. New Ways of Sampling System Efficiencies in Power Plants	Forbes Marshal	Mr. Mukesh Vyas
Smart Quiz with Special Prizes		
Networking Tea Break	03:30 PM	04:00 PM
Session-3	04:00 PM	06:00 PM
Workshop & Hands on – Control valve and Analyser system		
Workshop	04:00 PM	05:00 PM
Control Valve for Severe Service	CCI VALVES	Mr. Tarak Chhaya Mr. Pavitran Kottarathil
Physical display of Valve Internals		
Control Valve functioning		
Practical issues faced in valve operation and its solution.		
Case Study		
Workshop	05:00 PM	06:00 PM
Analyser (Measurement in SRU)	AMETEK	Mr. Jochen Geiger Mr. Ananth Kukkuvada
Safety feature in desingining of Anlayser for Hardeous area and Selection		
Sample handling		
Displaying of Analyser Probe -ASR Probe / HAG Probe		
Analyser Installation : Problem/Issues		
TIME TO VISIT EXHIBITIONS	06:00 PM	07:30 PM
Networking Dinner	07:30 PM	10:00 PM
Day-2	22-Apr-17	
Session-4	09:30 AM	11:00 AM
Cutting edge automation for Environment Management		
1. Critical Steps Towards Healthy Environment Emission and Immission Monitoring	Chemtrols Industires Pvt. Ltd.	Mr. Pankaj Kumar Rai
2. Process Mass Spectrometry	Spectrum Automation & Controls	Mr. Brijesh Chowdhary Mr. Mukesh Arora
3. Problems when measuring TOC-COD with UV Light	HACH	Mr. G. B. Diwakar
4. Non-invasive Ultrasonic high temp flow and concentration solutions.	FLEXIM Instruments Asia Pte Ltd	Mr. Lalit Mohan
5. Predictive Emission Monitoring System (PEMS)	EIL	Mr. Sourav Mukherjee
Smart Quiz with Special Prizes		
Networking Tea Break	11:00 AM	11:45 AM



Session-5		11:45 AM	01:30 PM
Futuristic Automation and Standard & Practices			
1	Industry 4 as Futuristic Automation	Holdor Topsoe	Mr. Atanu Ghoshal Mr. Vidhya Ratna Pal
2	Designing THERMOWELLS In Accordance with ASME PTC 19.3 TW-2016	BECHTEL	Mr. Vikas Lodhi
3	Securly In GOTS	NPCIL	Mr. Neeraj Agrawal
4	'Electricity Generation by Bicycle And Its Use In Villages To Overcome Health Diseases'	ISA Student Section	Mr. Abhishek Matlotia Mr. Ajay Kumar
Smart Quiz with Special Prizes			
Networking Lunch Break		11:30 PM	02:30 PM
Session-6		02:30 PM	04:30 PM
Workshop & Hands on – Valves and Level measurement			
Workshop		02:30 PM	03:30 PM
On-Off Valves		Advance Valves	
Type Valves for Control Application			
Relative features of different type of Control Valves			
Use of Triple Offset Butterfly Valves for Control Application			
Sizing & Selection of Valves for Control application			
Case Studies			
Demostration of Live Model			
Advance Valves Corporate Presentation			
Workshop		03:30 PM	04:30 PM
Level Measurement		EIP Enviro Level Controls Pvt. Ltd.	Mr. Abhishek Goyal Mr. Rajat Goyal
Solid & Liquid level measurement : Different types & Selection techiques			
Different Technologies/Types & their calibration.			
Troubleshooting steps			
Display & Handson on : Radar ,Ultrasonic, Level Switches etc.			
Panel discussion			
		04:30 PM	05:30 PM
		End User	
		Automation System Suppliers	
		Consultant	
Felicitations Ceremony		05:30 PM	06:00 PM
Networking Tea Break and END of the PPAM 2017		06:00 PM	06:30 PM



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