



™

ISA Delhi Section

**International Society of Automation
Delhi Section**

PETROLEUM & POWER AUTOMATION MEET 2023

“AUTOMATION for I.I.O.T”

(Industry, Innovation, Operation & Transformation)



12th and 13th May 2023
(FRIDAY & SATURDAY)

Venue: Hotel Eros, Nehru Place, New Delhi

Petroleum & Power Automation Meet

PROGRAM DETAILS

DAY-1

12-May-2023

	Inaugural Session			Time	
				FROM	TO
1	Introduction and Welcoming of Chief Guest and Guests of Honour			09:45 AM	9:50 AM
2	Lamp Lighting Ceremony			9:50 AM	9:55 AM
3	Welcome Address by ISA-D President - Mr. Rajiv Gupta	Ex ED(T) - EIL		9:55 AM	10:00 AM
4	Address By Chief Guest and Guest of Honour: Ms. Vartika Shukla - C&MD - Engineers India Ltd. Ms. Sukla Mistry - Director (Refineries) - IOCL Mr. U K Bhattacharya- Director (Projects) - NTPC Mr. Rajiv Agarwal - Director(Technical) - EIL			10:00 AM	11:00 AM
5	Note of Gratitude - Mr. Mainak Nandi - (Convenor PPAM-2023)	GGM - EIL		11:00 AM	11:10 AM
6	Release of e-Souvenir and Inauguration of Exhibition			11:10 AM	
TEA BREAK AND STALL VISIT				11:15 AM	11:30 AM
Automation for I.I.O.T.					
Session - 1 :		Organization	Speaker	11:30 AM	1:00 PM
1	KEYNOTE ADDRESS:				
	i. MR. ANIL BHATIA - VICE PRESIDENT & MANAGING DIRECTOR	Emerson Automation Solution			
	ii. MR. ANIL KUMAR - MANAGING DIRECTOR	Royal Haskoning DHV			
2	ARTIFICIAL INTELLIGENCE IN STEAM CRACKING MODELING: A DEEP LEARNING ALGORITHM FOR OPTIMISATION OF FURNACE OPERATIONS	GAIL	Mr. Manu Mehta Mr. Chirag Gupta		
3	SAFETY AGAINST LIGHTNING	EATON	Mr. Aneesh VN		
4	SUSTAINABILITY TECHNOLOGIES FOR HYDROGEN VALUE CHAIN	EMERSON	Ms Poonam Parmar Mr. Aravind Singla		
	SMART QUIZ SESSION				
NETWORKING LUNCH BREAK AND STALL VISIT				1:00 PM	2:00 PM
I - Industry 4.0 & Digitization					
Session- 2 :		Organization	Speaker	2:00 PM	03:30 PM
	OPENING ADDRESS BY SESSION CHAIR				
1	ONLINE DIGITAL TWIN MODELS FOR PIPELINE INTEGRITY AND CUSTODY TRANSFER OF NATURAL GAS	GAIL	Mr. Pankaj Gupta Mr. D Sakthivel		
2	O-PAS - THE PROCESS AUTOMATION OPENS UP	PHOENIX	Mr. Vishal Kumar		
3	POTENTIAL CYBERSECURITY THREATS TO THE DIGITAL POWER INDUSTRY - FROM SUPPLY CHAIN TO SUBSTATION AND THEIR ZERO TRUST STRATEGIES	TxONE	Mr. Yenting Lee Mr. Debraj Chakraborty		
4	INDUSTRY 5.0: LOOKING INTO THE FUTURE	NTPC	Mr. Alok Kumar Sinha, Mr. P.K Gupta, Mr. Sumit Kumar Halder		
	SMART QUIZ SESSION				
TEA BREAK AND STALL VISIT				03:30 PM	04:00 PM
I - Innovation					
Session - 3		Organization	Speaker	4:00 PM	5:00 PM
	OPENING ADDRESS BY SESSION CHAIR				
1	NEXT GENERATION CONDITION MONITORING SOLUTION	FORBES MARSHALL	Mr. Mukesh Vyas		
2	MICRO MODULAR SMART SAMPLE CONDITIONING SYSTEM	SPIRARE ENERGY PVT. LTD.	Mr. Chandan Sanyal Mr. Justin Bieber		
3	PHOTONIC MOLECULAR TECHNOLOGY FOR HEALTH MONITORING OF CRITICAL EQUIPMENT USED IN REFINERY AND PIPELINE	PYROTECH	Mr. Biren Shah Mr. Kuldeep Rathore		
4	ENHANCING RELIABILITY & RESILIENCE OF GENERATION THROUGH CYBER SECURITY	NTPC	Mr. Alok Kumar Sinha Mr. Kuldeep Singh Yadav		
	SMART QUIZ SESSION				
STALL VISIT				5:00 PM	6:00 PM
NETWORKING DINNER				6:30 PM	9:00 PM

Petroleum & Power Automation Meet

PROGRAM DETAILS

DAY-2 13-May-2023

O - Operation					
	Session - 4 :	Organization	Speaker	09:30 AM	11:00 AM
	OPENING ADDRESS BY SESSION CHAIR				
1	APPLICATION OF DIGITIZATION IN AUTOMATION OF PROCESS INDUSTRY & CYBER SECURITY CHALLENGES	HMEL	Mr. Kailash Kumar Mr. Shirish Mishra		
2	SECURING OPERATIONAL TECHNOLOGY (OT): ADDRESSING DIGITAL RISKS IN BUSINESS-CRITICAL INFRASTRUCTURES	SCHNEIDER	Mr. Kirankumar Vyas Mr. Priyesh Mistry		
3	CHAT WITH CISOS ON "FRAMEWORK FOR CYBER RESILIENT CRITICAL INFORMATION INFRASTRUCTURE WITH ROADMAP FOR GRC" MODERATOR: MR. SOMENATH KUNDU, DGM & ALT. CISO, NTPC	1. CISO - ONGC 2. CISO - PGCIL 3. CISO - NTPC 4. CISO - IOCL 5. ALT. CISO - EIL 6. CISO - GAIL 7. CISO - NHPC	1. Mr. Paparaju Buddhavarapu 2. Mr. Anand Shankar 3. Mr. Akshaya Kumar Patel 4. Dr. Yask 5. Mr. Jaspreet Bindra 6. Mr. Susheel Kumar 7. Mr. Anirudh Gupta		
	SMART QUIZ SESSION				
	TEA BREAK AND STALL VISIT			11:00 AM	11:15 AM
Session - 5 :					
	PRESENTATION & DEMO ON 'Digital Twins, Digital worker enablement and optimization'	Rockwell Automation India Ltd.	Mr. Sandeep Redkar & Team	11:15AM	12:00 PM
T - Transformation					
	Session - 6 :	Organization	Speaker	12:00 PM	1:00 PM
	OPENING ADDRESS BY SESSION CHAIR				
1	DIGITAL TRANSFORMATION OF PROCESS PLANTS - AN INTRO DUCITION TO ETHERNET – APL	P&F	Mr. Binoy Kamath		
2	EARTHQUAKE EARLY WARNING SYSTEM	EIL	Mr. Saikat Bhowal Mr. Javed Akhtar		
3	TRUE TUBE SKIN MEASUREMENT DEVELOPED BY R&D CENTER	WIKA	Mr. Navjyot Singh		
	SMART QUIZ SESSION				
	NETWORKING LUNCH BREAK AND STALL VISIT			01:00 PM	02:00 PM
TRENDS IN AUTOMATION					
	Session - 7 :	Organization	Speaker	02:00 PM	03:45 PM
	OPENING ADDRESS BY SESSION CHAIR				
1	AUTOMATION OF STRIPPER TRACKING CALCULATIONS IN SCL AIRTECH BASED LLDPE PLANT AT GAIL PATA	GAIL	Mr. Manupati Sravan Kumar Md. Shahid Jamal Mr. Aritra Bhattacharya Mr. Priyanshu Raj		
2	EMERGING TRENDS AND DEVELOPMENTS IN INDUSTRIAL AUTOMATION	RITTAL	Mr. Abhinav Gurkhoo		
3	OPERANTIONAL TRANSFORMATION OF SALAL POWER STATION - A CASE STUDY	NHPC	Mr. Dharmesh Kumar Singh		
4	O-PASTM AND RELIANCE INDUSTRIES LIMITED	RIL	Mr. Divyang Shah Mr. Vaibhav Yagnik		
5	AUTOMATION & CALIBRATION IN IIOT PLATFORM	FLUKE	Mr. Kaushik Thirumalachar Mr. Satyajit Nath		
	SMART QUIZ SESSION				
	TEA BREAK AND STALL VISIT			03:45 PM	4:15 PM
TAKEAWAYS AND PATH FORWARD					
Session - 8 :					
1	EXPERTS FROM VARIOUS INDUSTRIES			4:15 PM	4:45 PM
2	FELICITATION TO EXHIBITORS FOLLOWED BY LUCKY DIP DRAW			4:45 PM	5:15 PM
3	VOTE OF THANKS BY SECRETARY - ISA-DELHI	IOCL	Mr. Raja Sekhar Gudipaty	05:15 PM	
***** EVENT NEXT *****					



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