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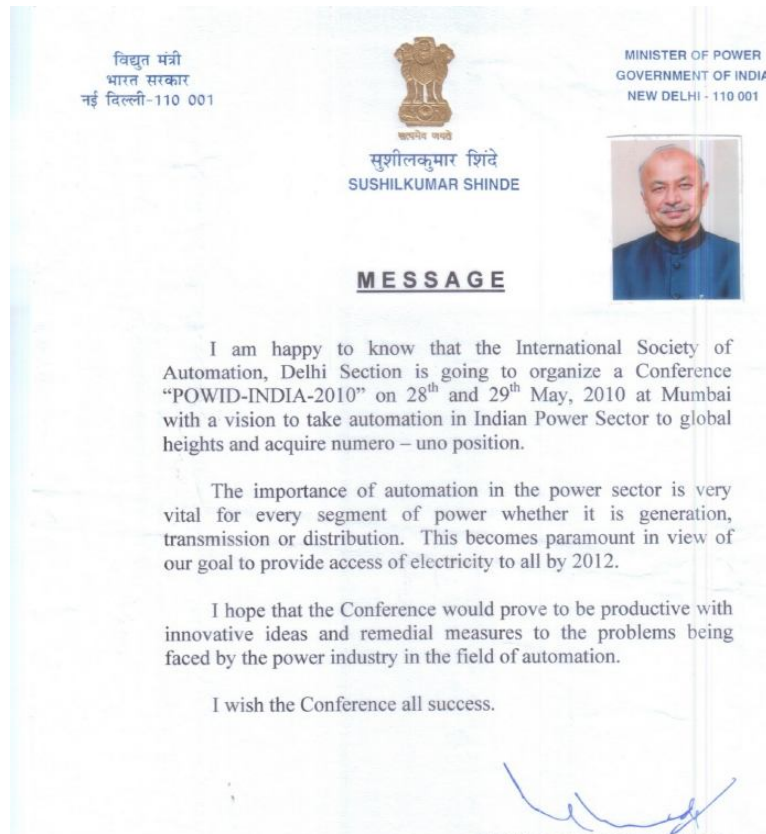


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NEWS FROM ISA DELHI CHAPTER

Dear Members,

It gives us great pleasure to inform you that ISA Delhi Section in association with ISA Maharashtra, Pune, Gujarat sections successfully conducted POWID-INDIA 2010 Automation Energizing Lives and powering smiles at Hotel Four Points-Sherton, Vashi, Mumbai on 28th and 29th May 2010.



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PROGRAMME OUTLINE

Power Generation – Thermal Power plants

- Strategies and solutions for control and monitoring pollutants in flue gas and waste water, Ambient air monitoring solutions
- Technologies and solutions for surveillance and monitoring of critical plant assets
- Integrated strategy for unifying electrical and automation systems of a power plant
- Plant Performance Optimization
- Comprehensive safety and security of power plants
- Case study indicating the details of special achievement /problem solutions etc. of thermal power plants by Supplier / User / Consultants

Power Generation - Nuclear Power plants

- Nuclear Plant Process & Automation overview
- Safety instrumentation in Nuclear power plants
- Reactor controls in nuclear power plant
- Control room design / solutions in a nuclear plant.

Power Generation – Hydro Electric Power plants

- Remote operations including control other challenges of Hydro power plants
- Monitoring and diagnostics of large sized hydro turbines
- Special Instrumentation including Dam instrumentation
- Case study indicating the details of special achievement /problem solutions etc. of hydro electric power plants by Supplier / User / Consultants

Automation in Transmission and Distribution

- Smart Grid – Building Blocks
- SCADA-design, implementation and O&M issues
- Energy Management System
- HVDC controls
- Substation and switchyard monitoring and controls
- Case study indicating the details of special achievement /problem solutions etc. of Transmission and Distribution system by Supplier / User / Consultants

Bridge Session – Inter domain knowledge sharing between Conventional & Nuclear Power, Petrochemicals, Oil and Gases, Refineries, Cement and Metallurgical plants / Sectors

- Session Anchor Paper / Key Paper on sharing of inter-domain knowledge for mutual benefits.
- Safety Instrumented systems in Petrochemicals and Oil and Gas Sectors
- Instrumentation in Hazardous area application
- Innovative practices in process instrumentations in various industries
- Performance optimization of processes in Metallurgical plants / Sectors
- Field Bus Applications

Vision Tomorrow

- Futuristic technologies in Power Generation & other Energy Sectors.
- Asset Management systems.
- Instrumentations for CDM benefits.



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For Details Contact-
Surender Verma
Mobile No. 91-9810868068

TECHNICAL PROGRAM HELD ON 27 th August AT HOLIDAY CLUB

Welcome Address By **Mr. Rohit Bharatwaj**

Technical Presentation by Mr.A.K.PANDA, M/s LANCO

Vote of thanks by ISA Delhi President Mr.Prasanjit Pal

	Topic	Brief outline
1	Supercritical Thermal Power Plant	<p>REQUIREMENTS FOR BOILER DESIGN PHILOSOPHY WERE DISCUSSED AS PER THE FOLLOWING.</p> <ul style="list-style-type: none"> • Steam cycle parameters: • Optimum - best η • Boiler and auxiliaries : Most efficient lowest sp. Coal consumption i.e. η highest • High availability • Short start-up time • Minimum start-up losses e.g. fuel oil consumption↓ • Quick load-following capability • Flexible when coal of varying quality or fouling tendencies • Sophisticated firing system • Minimise NOx emissions



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PHOTOGRAPHS FROM THE POWID 2010



Contact Us

For further queries and suggestions contact our editorial board comprising:

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