



One Day Seminar on Latest Trends & Advancements in Power Distribution and Automation

 16 December, 2024 | MECON Community Hall, Shyamali, Ranchi



Jointly organized by



MECON LIMITED

A Govt. of India Enterprise
Doranda, Ranchi



The Institution of Engineers (India)

Jharkhand State Centre

Under the Aegis of Electrical Engineering Division Board, IET

About MECON Limited, Ranchi

MECON LIMITED, established as CEDB in 1959, is India's frontline Design, Engineering, Consultancy and Contracting organization, offering full range of services required for setting up of Greenfield as well as Brownfield Projects from Concept to Commissioning including EPC Execution. MECON having Pan India network of offices, is a multi-disciplinary organization with experienced & dedicated Engineers, Scientists and Technologists. In its over six decades of operations, MECON has to its credit over 4,000 Consultancy and EPC assignments for variety of projects for various Clients in India and Abroad. MECON has played a pivotal role in the development and expansion of Indian Iron & Steel industry. MECON, an ISO 9001:2015 certified company, has numerous technological tie-ups with leading organisations across the globe in various fields.

MAJOR AREAS OF ACTIVITIES

METALS: Raw Materials & Mining Beneficiation, Coke Ovens, By Product Plants, Agglomeration Iron Making, Steel Making & Casters, Rolling Mills Non-Ferrous and Associated Auxiliary facilities

ENERGY

OIL & GAS: Long Distance Hydrocarbon Pipelines, Compressed Natural Gas (CNG) stations & City Gas Distribution (CGD) networks, POL Terminals, Coal Bed Methane (CBM) Projects, LNG/L-CNG Works, Group Gathering Stations, Gas Processing Plants, Gas Compressor Stations, LPG bottling plants, Water Injection Plants, In-situ Combustion Plants, Refineries, Petrochemical Plants, Hydrogen

POWER: Thermal, Hydel & Solar Power Generation Transmission & Distribution, Energy Management & Audit, Waste Heat Recovery Projects

INFRASTRUCTURE : Institutional and Green Buildings, Health-care, Port and Material Handling, Space, Defence, Sports Complexes, Water Management, De-salination, Roads & Bridges, Township Environmental Engineering, Telecom

About The Institution of Engineers (India)

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform for sharing professional interest. IEI has membership strength of above 0.8 million. Established in 1920, with its headquarter Kolkata, IEI has served the engineering fraternity close to a century. During this period of time, IEI has been inextricably linked with the history of modern-day engineering.

In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India which has been accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating through its 124 Centres located across the country and 6 overseas chapters. Besides, IEI has bilateral agreements with about 31 international bodies and membership of another 8 international bodies of the developed nations across the globe.

Themes and Sub-themes

With steel industry expanding ever since the corresponding electrical power demands are also increasing proportionally. This has not only demanded for up scaling the ratings of power distribution switchgear but also stressed on its operational parameters like enhanced reliability and Minimum maintenance. EHV & HV gas insulated switchgear GIS not only addresses the above challenges but also significantly reduces the footprint necessary for such EHV & HV substations as compared to the conventional switch yards. Furthermore this energy intensive steel industry has also been focusing on improving the efficiency of various processes in the plant and thereby saving energy and time.

Sub Theme:

Consequently the steel technologists are beginning to embrace the advancements in automation and communication technologies. Industry 4.0 is an example of integrating the Shop level automation with the overall steel plant automation system and thereby leading to a holistic and more consistent approach to the steel makers in integrating the SCADA, DCS and PLC technologies. A technical workshop involving the OEMs technologists consultants and steel makers would serve as a platform for exchanging ideas and understanding the state of the art technologies in the field of electrical power and automation and benefit all the attendees.

Call for Papers/Presentations

All interested participants are requested to contribute technical presentations/research papers and case studies detailing concept, innovation, idea or practical experiences for oral presentation. Presentations shall be limited to a duration of 10 minutes. Each paper should begin with a synopsis of about 200 words and preferably within 3000 words excluding figures, tables and references. A brief bio-data (not more than half a page, affixing a photo) of the author(s) should accompany the paper.



Submission of Full Paper: 08th December 2024

Communication of acceptance of Paper: 10th December 2024

Publications

All the selected and presented papers will be forwarded for published in Springer Journal of The Institution of Engineers India Series – B, Scopus Indexed.

IE(I) Jharkhand State Centre however will not be responsible if any or all of the presented papers are not accepted and printed by the Springer.

Registration

The registration fee for the Seminar will cover participation in Technical Sessions, Seminar Proceedings, Printed materials, Seminar kit, Lunch, Tea/coffee & Dinner. Additional 18% GST will be applicable.

Category of Delegate	Delegates
Delegate from Industries	Rs. 3500 + 18% GST
Delegates from Academia/Institutes	Rs. 2500 + 18% GST
Research Scholar and Students	Rs. 1750 + 18% GST

For any query, Please contact: mecelecseminar24@gmail.com/jharkhandsc@ieindia.org

For Guidelines for Submission of Papers/Presentations: mecelecseminar24@gmail.com

Sponsorship/Presentation

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Account Details

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Dinesh Kumar Singh, Senior GM I/c, Electrical - Power, MECON, Ranchi

For Details, Contact

Dinesh Kumar Mishra, DGM, I & PC

9470193684

Uttam Kumar, Sr. Manager, Electrical (P)

7979070065

Amit Gupta, Sr. Manager, Electrical (D & C)

9470148353

Address for Correspondence

Er. Mahesh Kr. Gupta

Chairman, IEI, JSC

IEI Engineer Bhawan, Nepal Kothi Campus,

Doranda, Ranchi 834002, India

Phone: 0651-3510412

E-mail : jharkhandsc@ieindia.org

Er. B. M. Sen Gupta

Organising Secretary &

Sr GM(I/c), E&I dept,

MECON, Doranda, Ranchi

E-mail : mecelecseminar24@gmail.com

Er. Harun Ansari

Honorary Secretary, IEI, JSC

IEI Engineer Bhawan, Nepal Kothi Campus,

Doranda, Ranchi 834002, India

Phone: 0651-3510412

E-mail : jharkhandsc@ieindia.org

Er. K. Tulasidhar

Convenor &

AGM, Electrical(Power),

MECON, Doranda, Ranchi

E-mail : mecelecseminar24@gmail.com

