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From the President's Desk

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Samvaad

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Upcoming



distribulec

India's only exhibition on Hi-Tech Power Distribution

Hi-tech Power Distribution

May 25-27, 2022, BIEC

Distribulec is India's only Exhibition on Hi-Tech Power Distribution, showcasing products, technologies and services from 220V till 33KV. The exhibition is scheduled from May 25-27, 2022 at Bangalore International Exhibition Centre. IEEMA Journal speaks to Mr Amit Kumar, Chairman, Distribulec 2022 for an insight on the latest edition of the exhibition.

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Cover Story

15th edition of ELCRAMA 2023 announced; aligns with Government's energy transition goals for 2047

The 15th edition of ELCRAMA 2023 was announced on March 16, 2022 in New Delhi in the presence of Hon'ble Minister for Power and New and Renewable Energy, Shri RK Singh ji and Shri Alok Kumar, Secretary, Ministry of Power.

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15th edition of ELCRAMA 2023 announced;

aligns with Government's energy transition goals for 2047

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In Focus

Distribution Transformer Industry in India: Opportunities and Challenges



The India power distribution transformer market is estimated to garner a revenue of around USD 4258 Million by the end of 2030, up from a revenue of over USD 2130 Million in the year 2020. The market is anticipated to grow with a CAGR of 7.41% during 2021 - 2030. Factors such as the shift in focus of the government of the country towards renewable energy sources.

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Power Update

PM Narendra Modi's Vision and Proactive Government Policies, ecosystem of Performing Entrepreneurs are defining factors for growth of VLSI & Semiconductor ecosystem in India)

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Duets And Duels

Role of women amongst Couples in Family Businesses

Changing demographics are creating new roles and leadership opportunities for women in family businesses. Women have unique and transformational leadership styles and skill, judgment and an outlook that makes them holistic managers and leaders.IEEMA's Women in Power Chapter brings to you a series on Family Businesses.

For suggestions and feedback please write to us on shalini.singh@ieema.org

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Tutorials

Surgeprotech Tutorials- Series of 4 technical webinars dedicated to specific subjects

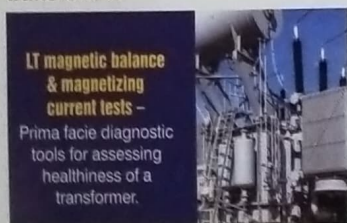


Surge Arrester is one of the most important element of electrical T&D system as it saves other equipment in the power system from surges. Surge Arresters division of IEEMA had taken the initiative in the past and organised Surgeprotech conferences. However since last 2 years, entire world was going through covid pandemic and lockdown times and the industry had been facing tough times. In an endeavour to keep the stakeholders technologically connected, IEEMA Surge Arresters division took an initiative of organising Surgeprotech Tutorials – a series of 4 technical webinars dedicated to specific subjects.

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In depth

LT magnetic balance & magnetizing current tests- Prima facie diagnostic tools for assessing healthiness of a transformer



In the olden days there were no equipment/instruments for verification whether the EHV transformer has sustained any physical damages such as dislocation of core/coil assembly during its transit loaded on multi-wheeled low bed Tractor trailer. Generally, the sites for EHV S/S are in remote places.

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Advanced Manufacturing:

Growing use of Automation in Manufacturing



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Guest Article

Advanced Manufacturing: Growing Use of Automation in Manufacturing

Advanced Manufacturing is the process of leveraging the most advanced technology available at the current time in order to maximize the output and/or product quality of a manufacturing facility. Automation, in the context of manufacturing, is the use of equipment to automate systems or production processes. The end goal is to drive greater efficiency by either increasing production capacity or reducing costs, often both. Advanced manufacturing is changing the way products are being made.

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Case study

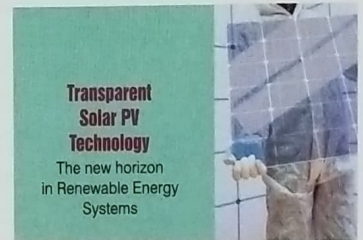
Startup Innovations in EV Sector: Case studies from VJTI-TBI

ew-age entrepreneurs are entering the EV market with new business models and introducing innovative technologies to automate agri-produce harvesting, promoting personal mobility and introducing last-mile micro-mobility products, etc. Dr. Faruk Kazi, Principal Investigator at VJTI-TBI, talks about VJTI's incubator set-up and how it is successfully supporting promising startups in the electric domain.

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Expert speak

Transparent Solar PV Technology- the new horizon in Renewable Energy Systems



The demand for electric power is increasing exponentially in India from 1362 MW in the year 1947 to 382 GW as of today. This brings out lot of stress on conventional generation particularly coal.

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Events and eventualities Case Studies on Transformer's Abnormal Situation (Part-14)

LAST FEW MONTHS the CASE STUDIES on TRANSFORMER'S Abnormal situation is getting published under the section of EVENT and EVENTUAL series. Readers especially from field units are accepting this series because of its presentation approach is based on the actual situations, observations, action taken on the subject with recommendations for the future reference

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International News

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- Energy sector methane emissions 70% higher than official figures: IEA

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- Domestic solar equipment makers operating plants at 30% capacity: Industry Body

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Corporate News

- Sunpower Renewables' solar infrastructure solutions support schools and institutions to become energy independent
- Danfoss India and CII- GBC develops a blueprint to support India's decarbonization goals
- Tata Power signs MoU with Enviro to deploy EV charging points in Gurugram

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Sparks Sans Shocks

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