the leading electrical & electronics monthly

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## **ANNUAL CONVENTION 2024 &** 77TH ANNUAL GENERAL MEETING



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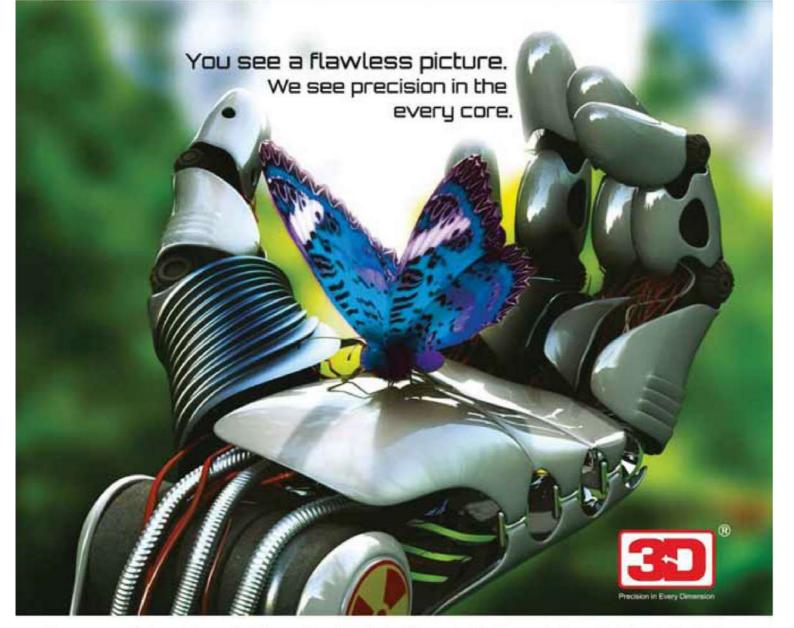
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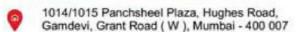


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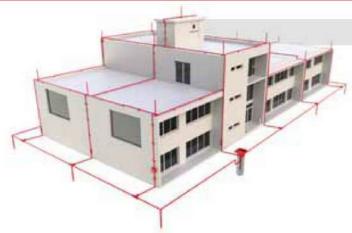








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#### **Cover Story**

#### **IEEMA Annual Convention &** 77th Annual General Meeting

Power, glamour, inspiration, motivation...these were just a few of the emotions felt at IEEMA's recently held Annual Convention and 77th AGM in Mumbai. Catch-up the electric vibe of the event and key highlights...

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**Electrical & Allied Electronics Equipment Landscape** Report 2032



Excerpts from an electrical and electronics equipment report to help IEEMA members assess future landscapes, technology trends, and demand drivers, among others, of the electrical and allied electronics equipment industry.

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Making in India, for the World



India's manufacturing sector contributes approximately 16 per cent to GDP and is poised to become 25 per cent by 2025 as we head into becoming a developed nation. This must-read feature explores a gamut of strategies strengthening domestic for manufacturing capabilities reducing the country's reliance on imports.

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#### Special Report

**Energy Revolution** 



For achieving 'Viksit Bharat' or a developed nation status by 2047, enhancing India's infrastructure and expanding the manufacturing sector will anticipate a 2-2.5x increase in energy demand from the current levels.



For suggestions and feedback please write to us on editor.ieemajournal@ieema.org

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#### Interaction

"We should be ready for technology transformation!"

Through this interaction, Praveer Sinha, CEO & Managing Director, Tata Power, takes through LIS the journey of energy transition in India and opportunities for the industry going forward.



#### **IEEMA Events**



Innovations, Partnerships, and Opportunities for Shaping the Industry's Future

#### Elecrama 2025: Innovations. Partnerships, and Opportunities For Shaping The Industry's Future

Sustainability, innovation, safety, and automation are among the focus areas of this edition of ELECRAMA - the world's largest electrical show, the previews of which were held in September at Dehradun, Guwahati and Lucknow. Catch-up with glimpses of these...



### Insight

"Automation of distribution system is the need of the hour."

At the recently held Industry

Conclave by IEEMA in Delhi, Ghanshyam Prasad, Chairperson, Central **Electricity Authority** spoke to a powerpacked audience about planning

India's energy needs.





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#### Case Study

Retrofitting of an engine powered vehicle to an EV



Prof Sanjay M Shinde. Faculty, Electrical Engineering Department, Government College of Engineering, with his students, study the feasibility of converting an IC engine scooter to an e-scooter in this interesting case paper.



#### In Focus

Time for India's Green Hydrogen Revolution!



The country's commitment to green hydrogen is a positive sign for a sustainable future and a green revolution. But, it is time we act on its price and accessibility!

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Practical Field Technical Queries on the Abnormal Situation of Transformer (Part-33)



Through this IEEMA JOURNAL's regular column, industry expert Er PK Pattanaik addresses queries on the abnormal conditions of transformers, sent by readers working in field units.

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- Government sanctions ₹12,461 crore for 31,350 MW hydro power development.
- India plans huge investments in R&D, export green hydrogen.

- NTPC Green Energy and Suzlon partner for India's largest 1,166 MW wind power project.
- MNRE forms task force to tap 10 GW geothermal energy.
- Maharashtra clears ₹1.2 lakh crore investments in key industrial projects.
- Kerala State Electricity Board to sign 500-MW MoU with SECI.

#### INTERNATIONAL NEWS

- India and Russia, and China, plan to develop nuclear power plant on the Moon.
- India-UAE sign key agreements in energy and nuclear.

#### CORPORATE NEWS

- Tata Power starts production of solar cell at India's largest single-location solar cell and module manufacturing plant.
- Azure Power prepays US\$ 310 million green bonds.
- Delta moves India headquarters to Bengaluru, opens new global R&D centre.
- KEC International wins multiple orders.

 JSW Energy subsidiary receives award for 600 MW wind-solar hybrid power project.

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