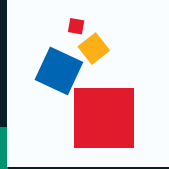


**pcim**

ASIA NEW DELHI conference

9 - 10 December, 2025

Dr. Ambedkar International Centre  
New Delhi, India



mesago

**The Agent of Change for the  
Indian Power Electronics Industry**

# “ Government to allocate **INR 40,000 Crore\*** scheme to promote domestic manufacturing of Electronics ”

(\*Equivalent to US\$ 4.74 Billion / € 4.39 Billion approximately)

**Shri Ashwini Vaishnaw**

Union Minister for Electronics & Information Technology and Railways  
Government of India

## Indian Power Electronics Industry – An Overview

India power electronics market size reached **US\$ 2.57 Billion** in 2023. Looking forward, the market is expected to reach **US\$ 4.37 Billion** by 2032, exhibiting a growth rate (CAGR) of **5.50%** during 2024-2032

- IMARC Group Report

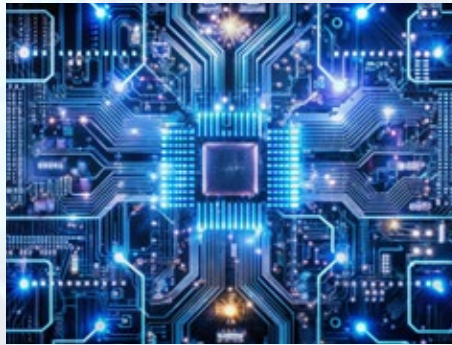
The steady rise in the demand for power electronics in India is driven by sustained and significant growth in their major application areas over recent years. These in turn are propelled by a focused and consistent policy push and massive investment in infrastructure by the Government and include the following:

1 Comprehensive emphasis on “energy efficiency” via electrification

2 A focused push for electric mobility and investment in Pan India EV charging infrastructure

3 Constant enhancement in India’s installed solar power capacity

4 Modernization of the national grid and power transmission network



5 Boost in domestic manufacturing of mobile phones, and other consumer electronics; advent of 6G technology

6 Ramp-up in the manufacturing of electric locomotives and trainsets; expansion of electrified rail network

7 Multiple new railway projects including metro railways, high speed rail, dedicated freight corridors, regional rail projects

8 Substantial investments in global data centre infrastructure projects

However, most of India’s demand for advanced Power Electronics is largely met by imports, leaving a huge opportunity for international majors to explore the lucrative Indian market, investing in manufacturing facilities, innovation and R&D centres.



## PCIM – Technology hub for the power electronics industry

The PCIM Expo & Conference in Nuremberg, Germany is the leading international event for Power Electronics, Intelligent Motion, Renewable Energy and Energy Management. Since 1979, the PCIM Expo & Conference has been the meeting place for the global power electronics community, connecting experts from industry and best minds from academia dedicated to cutting-edge research and innovation along the entire power electronics value chain. This has made the PCIM an unmissable event for the industry for decades.

In 2002, the PCIM launched its first Asian edition at China, which since then has been serving annually as the region's nerve centre for the latest in Power Electronics.

World's leading brands in Power Electronics have been regular exhibitors at the PCIM Expo



## PCIM in India: 2025

The Indian power electronics industry is poised for significant growth in the near to mid-term. With a supportive policy ecosystem and strong government backing, coupled with soaring demand from key application areas, India offers a lucrative opportunity for world's power electronics majors to invest and expand.

At this opportune time, the globally renowned PCIM event debuts in India as a leadership-level conference and mini-expo. The event aims to be the "agent of change" for the Indian power electronics sector, discussing the latest innovations shaping the future of power electronics and offering a platform to explore synergies and opportunities through exchange of insights and high-level networking.

### Event Highlights:

- ▶ **Dates:** 9 - 10 December 2025
- ▶ **Venue:** Dr. Ambedkar International Centre, New Delhi
- ▶ **Distinguished Speaker Panel:** Featuring the best minds from the industry, leading academic experts, and top policymakers from key government ministries and agencies.
- ▶ **Knowledge Sharing and Insights:**
  - » Two-day comprehensive conference agenda
  - » Keynote talks
  - » Panel discussions
  - » Technical sessions and poster presentations
- ▶ **Networking:** Over 300 delegates, including industry leaders, academicians from premiere institutions and senior most Government officials.
- ▶ **Exhibition Booths:** Showcasing the latest innovations in power electronics and applications.

## Key Conference Sessions and Highlights

- ▶ An updated overview of Government policies, incentives and other support for investment, electronics manufacturing and R&D in India
- ▶ Key application areas themed focused sessions and panel discussions
  - » Solar, Renewables, Power Grid and BESS
  - » Electric Mobility
  - » Railways – Traction and Loco manufacturing
  - » Data centres
- ▶ Opportunities in Semiconductors and Power devices – in design, Fab and OSAT
- ▶ Ensuring a robust ancillary ecosystem for Power Electronics industry – supply chain of key input materials
- ▶ Leveraging the highly skilled Indian talent pool - an opportunity for international Power Electronics industry majors

## R&D and Innovation: Technical Paper; Poster Presentations

PCIM India would discuss the future and cutting-edge innovations in development and applications across the entire gamut of Power Electronics by an expert Speaker Panel comprising of best minds from the industry, R&D and academia.



Power Components



Power Semiconductors



Power Modules and Discretes



Sensors



Passive Components



Power Converters



Integrated Circuits



Power Quality



Thermal Management



Battery Energy Storage Systems



Assemblies and Subsystems



Test and Measurement Equipment

## Delegate Profile

The participants at the PCIM India 2025 shall constitute all the relevant stakeholder groups across the entire Power Electronics value chain including the following:

- ▶ Government and Policymaking: Key Ministries including Ministry of Electronics & IT, Ministry of Power, Railway Ministry; various relevant government agencies including NITI Aayog, Invest India, National Mission for Power Electronics Technology etc
- ▶ International leaders in the Power Electronics industry
- ▶ Players from the domestic (Indian) industry - potential JV partners/local representatives in India
- ▶ Leaders and decision makers from key “application areas” of Power Electronics (demand side) including power transmission and grid, solar power generation, electric mobility, automotive, railways, data centers etc
- ▶ Best minds from India’s premiere academia - the IITs and NITs – a glimpse of India’s highly skilled, industry-ready talent pool

## Steering Committee



**Prof. (Dr.) Leo Lorenz**  
President  
European Centre for Power Electronics



**Hitesh Bhardwaj**  
General Manager - Semiconductor & Devices  
Mitsubishi Electric



**Atul Abhyankar**  
Practice Head - Power Electronics  
L&T Technology Services



**Dr. Ritu Sodhi**  
Technical Consultant - Power Semiconductors & Advisor  
SemiX - Center of Excellence in Semiconductors, IIT Bombay



**Sreekanth Menoth**  
Head of Product Development Program  
Toshiba Mitsubishi - Electric Industrial Systems Corporation



**Santosh Kumar**  
Vice President  
Semiconductor Manufacturing  
Reliance Industries Ltd.



**Prof. (Dr.) Harish K. Pillai**  
Head of Department  
Department of Electrical Engineering, IIT Bombay



**Prof. (Dr.) Rajeev Kumar Singh**  
Head of Department  
Department of Electrical Engineering, IIT-BHU



**Prof. (Dr.) Mukesh Kumar Pathak**  
Head of Department  
Department of Electrical Engineering, IIT Roorkee



**Prof. (Dr.) Bhim Singh**  
Professor Emeritus  
Department of Electrical Engineering, IIT Delhi

## Technical Committee



**Dr. Venkatesh Raghavan**  
Vice President, PFC (Energy Solutions Business Division)  
TDK India Private Limited



**Vijay Bolloju**  
Director - R&D  
iVP Semiconductor



**Saumitra Singh**  
Director  
Infineon Technologies



**Ananda Veluganti**  
Assistant General Manager - New Product Development (Power Electronics)  
TMEIC Industrial Systems India Private Limited



**Ranajay Mallik**  
Senior Principal - Power Conversion & EV Charging Infrastructure  
STMicroelectronics



**Vishalpari Gauswami**  
Manager - Research & Development  
Fuji Electric



**Prof. (Dr.) Sandeep Anand**  
Professor  
Department of Electrical Engineering & In-charge, EV Powertrain Lab, IIT Bombay



**Prof. (Dr.) Anandarup Das**  
Associate Professor  
Department of Electrical Engineering, IIT Delhi



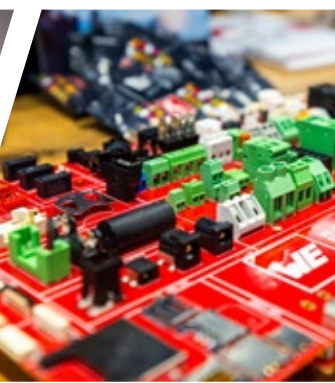
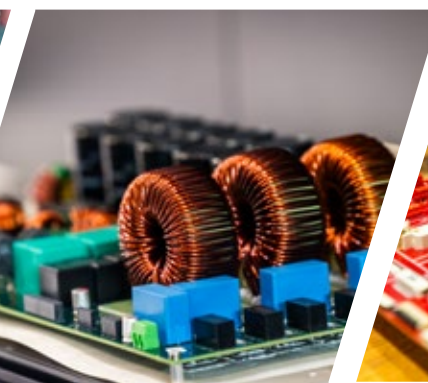
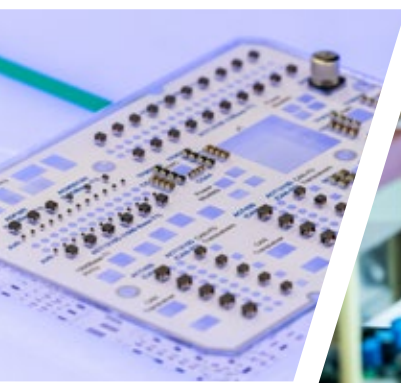
**Prof. (Dr.) Jeevanand Seshadrinath**  
Associate Professor  
Department of Electrical Engineering, IIT Roorkee



**Prof. (Dr.) Kaushik Basu**  
Associate Professor  
Department of Electrical Engineering, Indian Institute of Science, Bengaluru



**Prof. (Dr.) Shiladri Chakraborty**  
Assistant Professor  
Department of Electrical Engineering, IIT Bombay



## Background information on Messe Frankfurt Trade Fairs India Pvt Ltd

Since 1991, the Messe Frankfurt team in India devoted its steadily growing activities to a single goal: bringing people and markets together – initially starting out as a Representative Office in India to a 100% subsidiary of Messe Frankfurt GmbH in 1998.

Messe Frankfurt India has been active in the domestic market for over the last two decades. A thorough understanding of market dynamics, high degree of professionalism and dedication to our clients is what has made Messe Frankfurt India successful. Besides organising impressive trade fairs within the country, the company is also responsible for promoting Indian brands in countries across the globe through sales and support of Messe Frankfurt's outbound trade fairs for a host of verticals. As a result, India has emerged as the 2nd largest exhibiting nation among 139 countries at Frankfurt Fairs – with more than 2,500 Indian manufacturers and scores of visitors, being present every year.

With offices in Mumbai and Delhi, a team of over 100 staff serve the B2B markets of the Indian sub-continent, Messe Frankfurt India has enjoyed remarkable growth over the last two decades, and has come to be known as the company that creates platforms for new markets in India. (<https://www.in.messefrankfurt.com>)

Organizers of:  **RailIndia**  
CONFERENCE & EXPO

## Background information on Mesago Messe Frankfurt GmbH

Mesago, founded in 1982 and located in Stuttgart, specializes in exhibitions and conferences on various topics of technology. The company belongs to the Messe Frankfurt Group. Mesago operates internationally and is not tied to a specific venue. With around 160 members of staff Mesago organizes events for the benefit of more than 3,300 exhibitors and over 110,000 trade visitors, conference delegates and speakers from all over the world. Numerous trade associations, publishing houses, scientific institutes and universities work with Mesago closely as advisers, co-organizers and partners. (<https://corporate.mesago.com/>)



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## ASIA NEW DELHI conference

### The Agent of Change for the Indian Power Electronics Industry

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9 - 10 December, 2025

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New Delhi, India

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