

**CAPE**  
ELECTRIC



# BUSINESS PORTFOLIO.

[www.capeelectric.in](http://www.capeelectric.in)

# At **CAPE**,

## We believe in Safety for Everyone.

*Our team is continuously trained to latest advancements in the electrical sector to provide an end-to-end solution from design to implementation, rather than selling products for the customer's needs*

*CAPE is well-known in the electrical engineering community for its proficiency in a variety of electrical engineering subjects and its innovative market solutions. CAPE recognises the significance of user-friendly and premium-quality products.*



*We are committed to ensuring electrical safety through our innovative and high-quality solutions. Our dedication to safety is what drives us towards a secure future.*



# About Company

*Established in 1997, we have been the market leader in India for 25 years in lightning protection, modern earthing, and building shielding measures.*

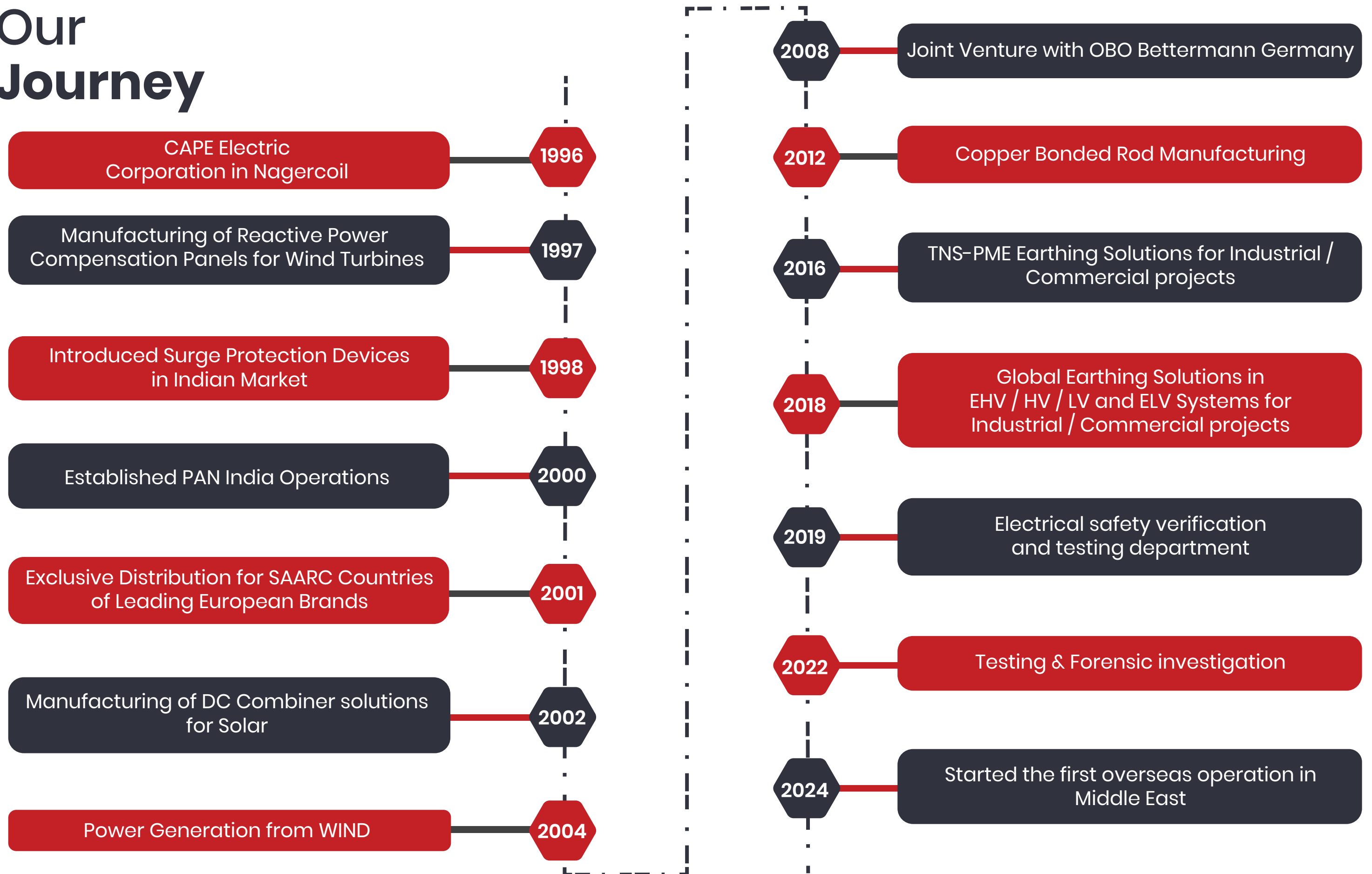
*We provide a vast array of products and technical solutions for Lightning Protection, Earthing, and EMP/HEMP protections, owing to our decades of experience in providing cutting-edge solutions. Our expertise includes product development, manufacturing, installation, training, and consulting.*

*We have organised over a thousand webinars and training programs on the subject of electrical safety throughout Asia and have successfully reached fifty thousand people with our trainings. We at Cape have taken on the mission of eliminating electrical accidents in India and are collaborating with various institutions and NGOs to make this a reality.*

*Having two manufacturing facilities in Chennai and Kanyakumari, the products have been tested and approved by a number of international laboratories and are compliant with industry standards. The success of CAPE is attributable to a workforce of 420 or more talented Indians.*



# Our Journey



# Company Overview

## Infographic Sales Locations

### CAPE



440+ Team



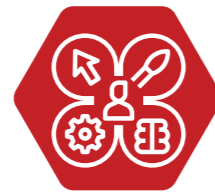
100+ Business Partners



30 States & UT's Covered



2 Manufacturing Facilities



3 Design Centers



1 R&D center



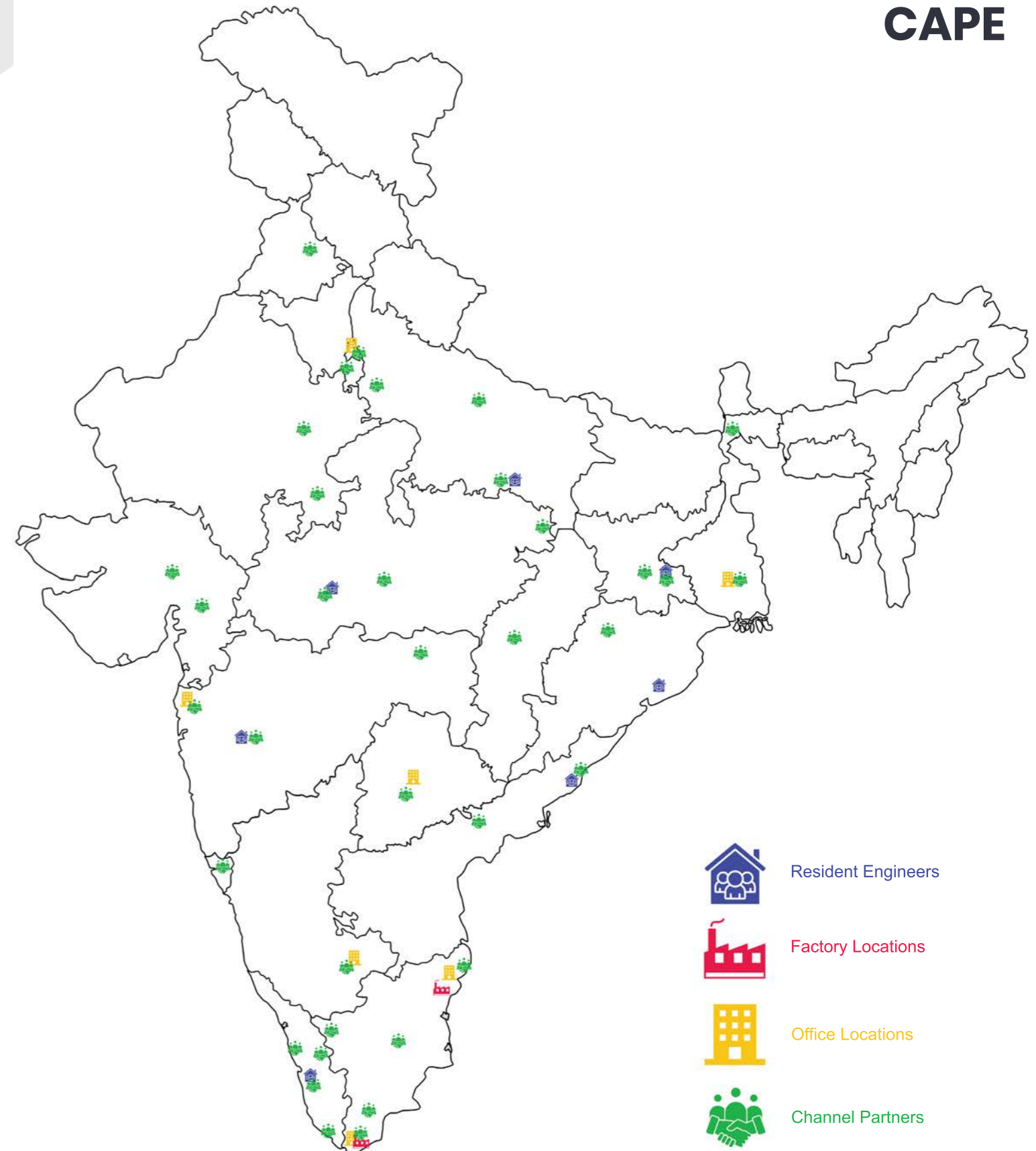
1500+ Projects Finished



18 Sales Team Locations



5 International Collaborations



# Managing Director

## S. Gopa kumar

**Founder & Managing Director** - CAPE Electric  
**Founder** - CAPE Electric Power Production  
**Founder** - LP Consultants International



*S. Gopa Kumar is an Electrical engineer having 30 years of experience specialising in Safety, Standardisation and Legal Requirements of electrical installations.*

*He has Carried out more than 1000 training and over 100 accident investigations in various Nations. He is also the designer of several EM compatible buildings and installations globally*

*He is a member in the working groups of the following Indian and IEC technical committees*

### *Bureau of Indian Standards*

*ETD 20 (National Electrical Code, IS732, IS3043, IS/IEC 62305)*

*ETD 30 (National Building Code(electrical committee))*

*ETD 50 (LVDC)*

### *International Electrotechnical Commission (IEC)*

*TC64 (MT 3, MT 12, MT40, MT 41, PT 60364-8-3, WG 43.)*

*TC81 (ahG 19, MT 3, MT 14, MT 21, WG 18)*

*SC 37 A (WG03 & WG05)*

*SyC LVDC: WG 01*

*Published articles about shock protection and fire from electricity in various magazines and published the book, THE MISSING LINK in the subject of electrical safety and Guide on Electrical safety in Medical Locations.*

# Executive Team

## R. Padmanabhan

Director - Sales & Marketing



*R. Padmanabhan holds a postgraduate degree in Sales and Marketing and brings over 30 years of expertise in this field. He began his career in the Middle East, dedicating five years to sales. In 2000, he joined CAPE Electric, where he undertook various roles before eventually rising to the position of General Manager. He later served as General Manager at OBO Bettermann India Pvt Ltd, a joint venture of CAPE, for nearly eight years.*

*Since June 2016, he has been the Director at CAPE Electric Pvt Ltd, where he has played a crucial role in shaping the company's strategic direction, fostering innovative solutions, and leading sales and marketing efforts. His extensive experience and active engagement in industry events underscore his dedication to the field.*

## Srinivasan

General Manager - R&D and Operations



*Srinivasan, a research and development professional with 25 years of acquired understanding related to lightning protection and earthing systems, the switchgear industry, domestic appliances, and tool room operations, has been appointed as a general manager of R&D since May 2021 and has been designated as general manager of R&D and operations.*

*His primary mandate entails building and executing an R&D roadmap, manufacturing excellence, and overseeing the implementation of strategic initiatives and long-term business goals, with corresponding infrastructure development roadmaps.*

## Few Product Experts



**Krishna Kumar MS**  
Product Manager -  
Lightning Protection Systems

Lightning Protection System(ELPS & ILPS),  
Structural Earthing.



**Saravanan**  
Sr. Manager -  
Technical & Hospital Safety

Medical IT system for  
Group 2 locations



**Deepak GL**  
National Manager -  
Business Development

Electrical Safety Verification &  
Medical IT System



**Vijay Singh**  
National Manager -  
Business Development

Lightning Protection Systems,  
SPD & Structural Earthing



**Vinoth V**  
Sr. Manager - Testing,  
Inspection & Verification

Electrical Safety Verification &  
Testing



**Sandeep**  
Product Manager -  
Surge Protection Devices

Surge Protective Device for  
Power line and Data Line.



**Sarath**  
Product Manager -  
Industrial Installation Systems

Non-Metallic Panels, junction box  
& Industrial Plugs and Sockets



**Manoj S A**  
Manager - Design (Lightning  
Protection System & Earthing)

Design Lead in Lightning Protection System  
(ILPS & ELPS) and Structural Earthing



**Nandu Gopan**  
Application Specialist

1. Director - T&G Electrotech Pvt Ltd
2. Member of IEC (International Electrotechnical Commission)
  - a. MT 1, MT 12 (TC 64) (Low Voltage Electrical Installation)
  - b. MT 9, MT 21 (TC 81) (Lightning Protection System)
3. Member in the Bureau of Indian Standard (BIS):
  - a. ETD 20 (Electrical Installation Sectional Committee).



**Anandu Gopan**  
Application Specialist

1. Director - T&G Electrotech Pvt Ltd
2. Member of IEC (International Electrotechnical Commission)
  - a. MT 3 (TC 64) (Low Voltage Electrical Installation)
  - b. MT 3, MT 8 (TC 81) (Lightning Protection System)
3. Member in the Bureau of Indian Standard (BIS):
  - a. ETD 30 (Surge arrestors sectional committee)
  - b. ETD 50 (LVDC sectional committee)

## Our Team

- Our team of over 440 skilled professionals specializes in lightning protection, global earthing solutions, building shielding, and EMP/HEMP protections. With decades of combined expertise, we ensure the highest levels of quality and safety in every project.
- We prioritize client satisfaction through open communication and collaboration, consistently exceeding expectations.
- Our teams dedication to continuous learning keeps us at the cutting edge of industry trends and technologies, allowing us to deliver innovative, forward-thinking solutions.
- We actively contribute to community initiatives and industry associations, advancing the field of electrical engineering while supporting the well-being of the communities we serve



# Why Choose Us?

## CAPE'S CORE STRENGTH

### ✓ *Technical Knowledge*

At CAPE Electric, our success is rooted in our deep expertise across key areas such as lightning protection, global earthing solutions, building shielding measures, EMP/HEMP protections, and Electrical Safety Testing & Verifications. Our team stays ahead with continuous training in the latest industry practices, ensuring they possess the extensive knowledge needed to deliver cutting-edge, efficient, and customized solutions tailored to each client's unique requirements.

### ✓ *Quality*

Since 1996, CAPE's unwavering commitment to quality has been the cornerstone of our success. Quality is not just an attribute of our products and services—it embodies our dedication to excellence. We recognize that our clients depend on us for peace of mind, and as we grow, our focus on delivering premium-quality solutions that exceed expectations remains steadfast. Our promise is simple: to provide the best through uncompromising quality, ensuring reliability and trust in everything we do.



### ✓ *Research and Development (R & D)*

"Leading the market with the right solution" is more than just a motto for us—it's our guiding principle. Our R&D team is dedicated to innovation, focusing on developing new products and solutions tailored to meet specific customer needs. We strive for simplicity and ingenuity in every design. At CAPE, we believe that innovation is not only key to staying competitive but also essential for shaping the future. Our commitment to R&D goes beyond keeping up with industry trends; it's about setting new benchmarks and redefining what's possible, ensuring we continue to lead the market with the right solutions.

### ✓ *Comprehensive Solutions*

From initial design to final implementation, our team offers comprehensive solutions tailored to meet the specific needs of each client, delivering reliable and efficient results.

### ✓ *Industry Recognition*

Our team's expertise and commitment have established us as a recognized leader in the electrical engineering industry, with a proven track record of successful projects across diverse sectors.

# Our Products

## CAPE'S Solutions

### 1 **Lightning Protection System**

The primary function of a Lightning Protection System (LPS) is to intercept lightning strikes, safely redirect them to the ground, and ensure even distribution. At CAPE, we provide end-to-end services, including Risk Assessment, Design, Supply, and Installation of LPS, fully compliant with IS/IEC 62305 standards.

### 2 **Global Earthing System**

CAPE's Global Earthing System (GES) is a sophisticated solution designed to interconnect local earthing systems, mitigating dangerous touch voltages. By effectively distributing earth fault currents, GES reduces earth potential rise at each local earthing point, creating a quasi-equipotential surface. Through the bonding of exposed and extraneous conductive parts, following both main and supplementary bonding rules, GES minimizes potential differences under fault conditions. This approach limits safety voltages, even without a true earth reference, ensuring enhanced protection throughout the system.



### 3 **Surge Protection Devices**

Electrical system failures can occur when surge voltages exceed equipment insulation thresholds. CAPE offers expert guidance in selecting and installing tailored Surge Protection systems based on the equipment's rated impulse withstand voltage. We deploy Coordinated Surge Protection Devices (SPDs) to manage conducted surges and implement additional measures to mitigate radiated surges, ensuring comprehensive protection.

### 4 **Medical IT System**

CAPE's Medical IT Systems are crucial safety measures for Group 2 medical locations. They ensure the continuity of power supply to critical medical equipment during first fault condition. Insulation level monitoring is vital in operating rooms, as it detects and addresses electrical leakage currents caused by poor connections, damaged cables, and defective components.

### 5 **Industrial Installation Systems**

CAPE also supplies a range of products including Industrial Plugs & Sockets, Non-Metallic Shock Proof Panels, and IP Rated Enclosures for industries and OEMs. These products come with IP44, IP65, IP66, and IP67 protection options, tailored to specific applications, and are designed to enhance the overall safety of electrical installations.



# Our Services

**1**

## *Electrical Safety Verification (Testing & Inspection)*

Cape Electric offers comprehensive electrical safety verification services, including inspection and testing, to ensure compliance with the highest safety standards like National Electrical Code of India and IS 732. Our services encompass regular equipment and wiring inspections, ensuring proper installation and protection against fire hazards like short circuits. We emphasize strict adherence to safety protocols to minimize risks such as electric shock, arc flash incidents, and fire outbreaks.

Our expert team conducts thorough electrical safety audits, failure analyses, and lightning protection surveys, identifying potential risks and recommending effective mitigation strategies. These audits are crucial for maintaining a secure environment in both residential and industrial applications.

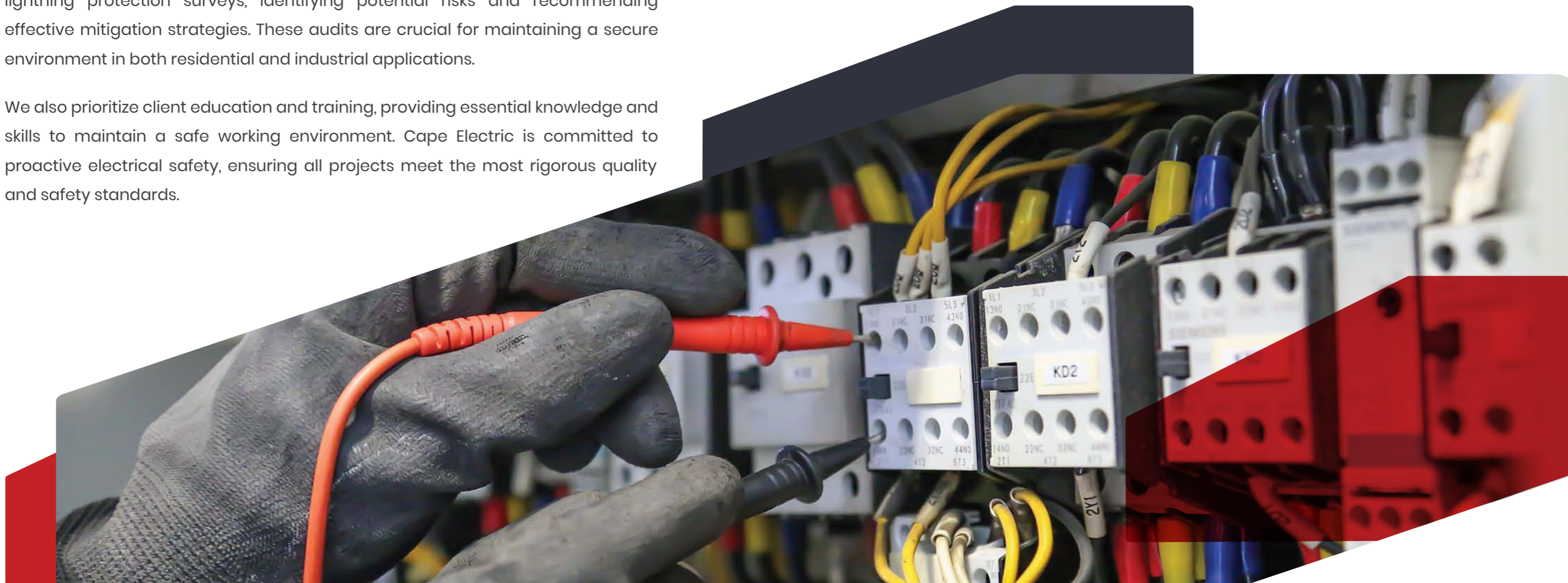
We also prioritize client education and training, providing essential knowledge and skills to maintain a safe working environment. Cape Electric is committed to proactive electrical safety, ensuring all projects meet the most rigorous quality and safety standards.

# Additional Services

**2**

## *EMI / EMC Certification*

Ensure your buildings are shielded against electromagnetic interference (EMI) and compliant with electromagnetic compatibility (EMC) standards with our comprehensive EMC compatibility service. Our experts provide thorough assessments and solutions tailored to mitigate EMI risks, safeguarding sensitive equipment and ensuring uninterrupted operations. From initial evaluation to implementation of shielding strategies, we offer a range of services including site surveys, electromagnetic field analysis, and compliance testing.





## Contact Us

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