

# "Energy Efficient Industrial Electrical System"

## A Self-Paced eLearning Program

*Designed and Conducted by*

**Dr. Ambedkar Institute of Productivity, Chennai**  
**NATIONAL PRODUCTIVITY COUNCIL**

**(Under DPIIT, Ministry of Commerce and Industry, Govt. of India)**



**E-Learning Course Title: Energy Efficient Industrial Electrical System**

**Registration Fee (including GST):- Rs.2000 (including GST)**

### **About eLearning Program : -**

As global energy demand continues to grow, actions to increase energy efficiency is becoming very essential. No organisation, whatever its size, can afford to overlook the improvement in profit and competitive position which can be achieved from the careful and thorough application of energy saving initiatives.

Industries contributes to about 40% of total electricity consumption in India. India's energy sector is a high contributor of CO<sub>2</sub> emission as coal accounts for 57.3% of total electricity generation.

The e-learning course will focus on various energy efficiency aspects in the industrial electrical system.

Who should attend this course??

- Energy auditors and manager, plant engineers, utility managers
- Academic and R & D Institutions
- Manufacturers
- Suppliers & Distributors
- Consultants
- Project Developers
- Government Organization
- NGOs & Green Engineers
- Engineers, Managers, and Technocrats

**E Learning Course Coverage (Specify Module details) :-**

The e-learning program consists of 4 Modules:

Module 1: Introduction to Electrical System

Module 2: Harmonics

Module 3: Electrical Motors

Module 4: Best Practices and Case Study

**Register to learn (Key Learnings' in bullet points):**

**Learning Objectives**

- Understand energy efficient industrial electrical systems and various technical options to improve overall system efficiency.
- Identify key measurement parameters and learn the process of analyzing the collected data
- Learn the art of identifying the tangible Energy conservation measures
- Find out when energy efficient utilities pay for themselves!

Thanks & Regards

**Course conducted by Group/ Regional Directorate Name:-**AIP, Chennai

**Name & Designation of Course Coordinator:** J.P.Varun, AD

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