

REPORT ON SKILL ENHANCEMENT TRAINING PROGRAM

Organized by: EEE,SITAMS, Chittoor

Date: 5th – 7th February 2025

Venue: Daikin Airconditioning, Sri City,Tirupati

Department: Electrical and Electronics Engineering (EEE)

1. Introduction

The Electrical and Electronics Engineering (EEE) Department of SITAMS, in association with **Daikin Airconditioning, Sri City**, successfully organized a **Skill Enhancement Training Program** from **5th to 7th February 2025**. This program was aimed at providing hands-on experience and industry exposure to students in the field of **electrical solutions, HVAC (Heating, Ventilation, and Air Conditioning) systems, and energy-efficient technologies**.

The event was coordinated under the guidance of:

- **Dr. V. Maheswari**, Skill Development Coordinator
- **Dr. S. Selvaganapathi**, Additional Coordinator, IIC Cell
- **Dr. P. Sudheer**, Professor & Head, EEE Department, SITAMS

2. Objectives of the Program

The primary goals of this training program were:

- ✓ To provide practical insights into modern **HVAC systems** and their electrical components.
- ✓ To equip students with knowledge of **energy-efficient air conditioning solutions**.
- ✓ To develop skills related to **power management, circuit analysis, and industrial automation**.
- ✓ To enhance students' **problem-solving abilities and employability** in the electrical and HVAC industries.

3. Program Schedule

Day 1 (5th February 2025) – Introduction to HVAC Systems & Basics of Electrical Design

- Overview of **Daikin's** advanced air conditioning solutions.
- Fundamentals of **HVAC** system design and electrical components.
- Interactive session on **energy conservation techniques** in electrical appliances.

Day 2 (6th February 2025) – Hands-on Training & Industry Applications

- Practical workshop on **circuit design, fault diagnosis, and troubleshooting**.
- Industrial case studies on **power distribution** in HVAC systems.
- Demonstration of **modern tools and software** used in electrical and HVAC industries.

Day 3 (7th February 2025) – Real-Time Applications & Career Opportunities



- Live demonstration of **HVAC automation and remote monitoring** systems.
- Interactive session on **industry trends, career paths, and required skillsets**.
- Certification distribution and feedback from participants.

4. Expected Outcomes

- ✓ Improved technical knowledge in **HVAC** systems, **power management**, and **automation**.
- ✓ Enhanced problem-solving and analytical skills in **electrical troubleshooting**.
- ✓ Increased awareness of **industry trends, job opportunities, and required certifications**.

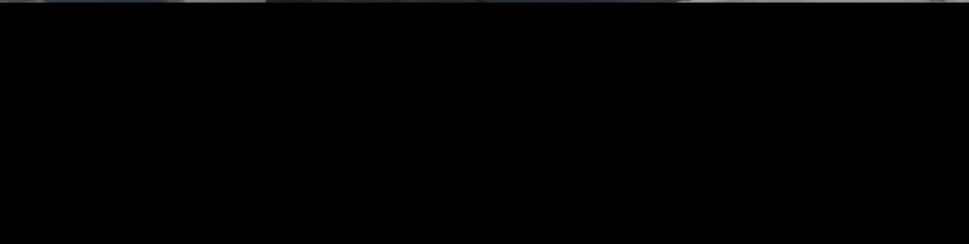
5. Conclusion: The **Skill Enhancement Training Program** provided an excellent learning platform for students to gain **practical insights and industry exposure**. The participation of **Daikin Air conditioning, Sri City**, brought real-world expertise, making the program a significant success. The students actively engaged in the training sessions and expressed their enthusiasm for similar future programs.







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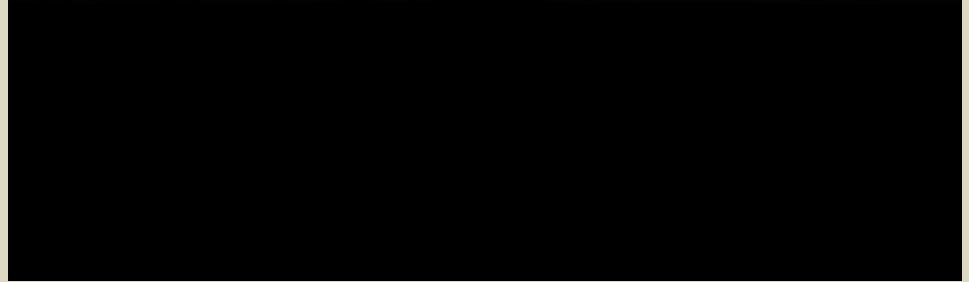
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clouds
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TECHNOLOGY AND
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SKILL ENHANCEMENT TRAINING PROGRAM

**BY DAIKIN
AIRCONDITIONING,SRICITY**

(05-02-2025 TO 07-02-2025)

*Expert Electrical Solutions
for Your Home and
Business!*



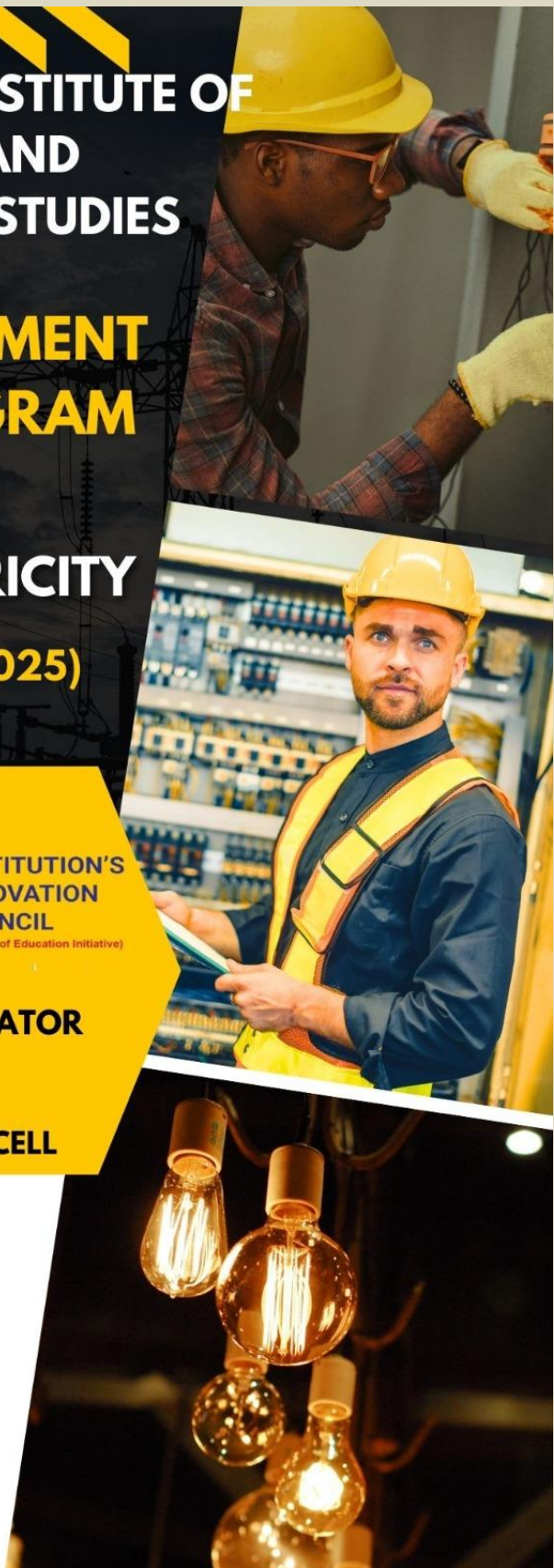
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INNOVATION
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(Ministry of Education Initiative)

**DR.V.MAHESWARI,
SKILL DEVELOPEMENT COORDINATOR**

**DR.S.SELVAGANAPATHI
ADDITIONAL COORDINATOR,IIC CELL**

**DR.P.SUDHEER
PROFESSOR& HOD**

EEE,SITAMS





Prepared by

(Dr.P.Sudheer)

