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# CERTIFIED LIGHTING EFFICIENCY PROFESSIONAL CLEP OVERVIEW

ONLINE PROFESSIONAL COURSES LED BY THE WORLD'S TOP SPECIALISTS

## ONLINE TRAINING BY KRISHNAJI PAWAR

LEED AP(BD+C), GSAS CGP, GCP, ISO 14001

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MODULE

8

## Summary and Resources

KRISHNAJI PAWAR - CEO & FOUNDER

LEED AP(BD+C),GSAS CGP,GCP,ISO 14001

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# Learning Objectives

- Introduction and Course Outline
- Quality Lighting for High-Performance Buildings
- LED Technology & its Operating Characteristics
- Lighting Quantity and Quality Fundamentals
- Lighting and control system maintenance and commissioning.
- Environmental Concerns in Lighting Technology
- Certified Lighting Efficiency Specialist Certification
- Summary and Resources
- CLEP Practice Test V.4.1\_Test Your Knowledge



## INTRODUCTION

- Provides essential skills, knowledge, tools, credentials, and 100 practice exam questions for AEE's Certified Lighting Efficiency Professional (CLEP) Exam Knowledge Domains.
- Recognizes leaders in lighting efficiency with high experience, competence, proficiency, and ethical fitness.
- Offers online courses on lighting design, quantity and quality, alternative energy systems, sustainability, electric lighting sources, carbon reduction, and CLEP exam practice questions.
- Training developed by Krishnaji Pawar, a sustainability specialist with expertise in smart city development, sustainable design strategy development, environmental impact assessment, green building certification, energy usage modeling, greenhouse gas accounting, and emissions management.

# CERTIFIED LIGHTING EFFICIENCY PROFESSIONAL (CLEP) OVERVIEW TRAINING PROGRAM OVERVIEW



- Objectives include enhancing professional standards in lighting efficiency management, promoting professional development, identifying individuals with acceptable knowledge of lighting efficiency principles and practices, and awarding special recognition to professionals demonstrating high competence and ethical fitness.
- Role of Certified Lighting Efficiency Specialist: Understanding a building's lighting requirements, measuring, verifying, evaluating projects, comparing savings against other energy efficiency projects, and identifying ROI.



## *Certified Lighting Efficiency Professional CLEP Exam Question Bank*

- Assess knowledge before final exam.
- Test questions similar to actual exam questions.
- Over 500+ questions in FIVE mock exams ranging from easy to expert.
- Understand reasoning behind each question and answer for restudy or revision.
- Cover CLEP Exam Knowledge Domains.
- Familiarize with CLEP knowledge domain and terminology.
- Ensure exam pass on first attempt.
- Includes 150+ key terminology and study flash cards.
- Includes new CLEP\_Engineering and HVAC Design Equations.



# RESOURCES

- ASHRAE GreenGuide: The Design, Construction, and Operation of Sustainable Buildings
- Advanced Energy Design Guide for Small to Medium Office Buildings: Achieving 50% Energy Savings Toward a
- Net Zero Energy Building
- Advanced Energy Design Guide for Small Retail Buildings: Achieving 30% Energy Savings Toward a Net Zero
- ASHRAE Guideline 0: The Commissioning Process
- Quality Lighting for High Performance Buildings
- **Lighting Redesign for Existing Buildings**
- A 'Light' Guide to Energy Savings in Transport
- Solutions Manual for Guide to Energy Management, International Version, Eighth Edition
- Solutions Manual for Guide to Energy Management, Eighth Edition
- <https://learn.beyondsmartcities.in/courses/>





# WELCOME TO BEYOND SMART CITIES

Beyond Smart Cities is the world's 1st Green Technology Marketplace, connecting millions of Sustainability Specialists, Green Building Specialists, Energy Specialists, Commissioning Specialists, Environment Specialists, Health & Safety Specialists, Fire Safety Specialists, Climate Change Specialists & Green Products/Technology Manufacturers with independent talent around the globe.

Our mission is to build and support a global community of experts with the highest professional standards in sustainability, green building, energy, commissioning, environment, health & safety, fire safety, climate change, GHG accounting, carbon auditing, and GHG emissions management.

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# THANK YOU





**“SUSTAINABLE”... TAKE A FEW QUIET MOMENTS. THINK ABOUT WHAT THIS TERM MEANS TO YOU—THEN CONSIDER TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT!**