

BEYOND

SMART CITIES

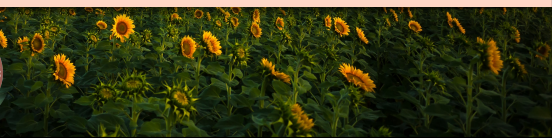
BUILDING ENVELOPE CEM REFRESHER

ONLINE TRAINING COURSE

KRISHNAJI PAWAR, LEED AP BD+C, GSAS CGP, ISO 14001:2015, GCP

ENERGY SPECIALIST CURRICULUM





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SUMMARY AND RESOURCES

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SUMMARY



Learn Conduction, Convection, Radiation, and Infiltration

Understand Conductivity, Conductance, and R Values

Sources of Building Heat Gain/Loss (Solar Heat Gain Coefficient)

Ability to Perform Seasonal Energy Consumption Calculations and Degree Day Formula Use

HVAC Integration Of The Building Envelope and Building Envelop Optimization

Building Envelope Commissioning

Sustainability Of The Building Envelope





KEY TAKEAWAYS

Work through practical examples to demonstrate the topics and procedures covered.

Review the various areas of the Body of Knowledge - HVAC Systems with AEE's / BEE's certification exam perspective.

Work through practical examples to demonstrate the topics and procedures covered.

This training program helps to prepares attendees to take the Certified Energy Manager® (CEM®) exam.

One of the most globally respected certifications in the field of energy efficiency and energy management. Gain industry and peer recognition, bring value to your organization and propel your career forward.

Get CERTIFIED ENERGY MANAGER - CEM Credentials in your CV



RESOURCES

Field Guide for Sustainable Construction by the Pentagon Renovation and Construction Program Office, Department of Defense. 2004.

High Performance Building Guidelines by New York City Department of Design and Construction. April 1999.

Thermal Insulation and Refractories - PCRA.

Insulation and Refractories - British Energy Efficiency Office.



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THANK YOU



**THE WORLD'S 1ST GREEN TECHNOLOGY
MARKETPLACE**

