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**BEYOND SMART CITIES**



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**RENEWABLE ENERGY PROFESSIONAL**

**REP OVERVIEW**

**ONLINE TRAINING BY KRISHNAJI PAWAR**

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

**KNOWLEDGE IS POWER**

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MODULE

8

## Summary and Resources

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# Learning Objectives

- Introduction
- Environmental Impacts
- Alternative Energy and Carbon Reduction
- The Future of Alternative Energy
- Energy Conservation and Efficiency
- Alternative Energy Strategies for Buildings
- Professional certification in Renewable Energy
- Summary and Resources
- **REP Practice Test: Test Your Knowledge!**



## SUMMARY

- The AEE Certified Renewable Energy Professional (REP) accreditation is an industry standard for energy management and sustainability professionals.
- The certification acknowledges knowledge and experience in defining and implementing renewable and alternative energy technologies.
- The course covers environmental issues, carbon reduction, the future of alternative energy, professional certification, energy conservation, and renewable energy efficiency.
- REPs focus on energy generation, production, storage technology, and sustainable strategies like wind power, solar, thermal, photovoltaic energy, geothermal, biopower, tidal, and hydroelectric technology.
- The course aims to provide an introduction to renewable energy, learn about the environmental benefits of alternative energy, and provide over 100 AEE REP Practice Tests with answers.

# SUMMARY +

## What Does an REP Do?

- Focuses on renewable energy generation, production, and storage.
- Assists corporations or organizations in setting sustainability goals.
- Selects suitable and viable renewable energy technologies.
- Maximizes benefits when deploying these systems at small or large scales.



# RESOURCES

- Alternate Energy: Assessment & Implementation Reference Book
- Alternative Fuels: The Future of Hydrogen, 3rd Edition
- Hydrogen & Fuel Cells: Advances in Transportation and Power
- Megatrends for Energy Efficiency & Renewable Energy
- <https://www.aeecenter.org/certification/rep-renewable-energy-professional/>
- <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





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