BEYOND
SMART CITIES
TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT
REFRESHER TRAINING COURSE
KRISHNAJI PAWAR, LEED AP BD+C,GSAS CGP,ISO 14001:2015,GCP

BEYOND
SMART CITIES
INTRODUCTION AND COURSE OUTLINE
FOR BUILDING SCIENCE PROFESSIONALS
KRISHNAJI PAWAR, LEED AP BD+C,GSAS CGP,ISO 14001:2015,GCP
BUILDING SCIENCE SPECIALIST CURRICULUM

BEYOND
SMART CITIES
KRISHNAJI PAWAR
GSAS CGP,GSAS CGP-CM,LEED AP(BD+C),
ISO 14001:2015
CEO & FOUNDER,BEYOND SMART CITIES
ONLINE REFRESHER TRAINING
TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT REFRESHER COURSE
BUILDING SCIENCE SPECIALIST
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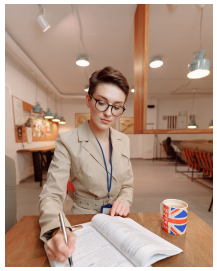
WHAT SHOULD YOU LEARN



This course enumerates the goals and Five Basic Global Problems, strategies for deigning a green building

You'll also understand how different benchmarks and standards for green buildings have evolved over time and where they're headed in the future.

Overview of technology for Sustainable Development ,Green Building Design, Smart Products and Services , Smart energy and Water Metering & Innovation Commissioning ,GHG Accounting ,energy Management and Efficiency and Energy modeling and managed energy Services >

WHO SHOULD ATTEND

This course is designed to help all Building Science Professionals, including Civil Engineers, Mechanical Engineers, Electrical Engineers, Architects ,Energy Engineer ,Commissioning Engineer ,Environmental Engineer ,consultants, contractors and energy service company professionals become more aware of and effective at identifying and implementing the best technology for Sustainable development

Building Professionals who want to learn more about Sustainability ,Energy Efficiency,Commissioning ,Green Building ,Climate Change,Emerging Technology & beyond

KEY TAKEAWAYS

The Refresher Course was carried out over a half-day session and the aim of the course was to give the professionals the chance to update their knowledge based on the latest Technology for Sustainable Development

Review the various areas of the Body of Knowledge associated with Green Building Technology and Services

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

This training program helps to understand attendees to take your journey to new Green Jobs or Professional Development with respect Sustainability ,Energy ,green Building and more.

BEYOND SMART CITIES MISSION

Beyond Smart Cities promotes and advances global sustainable development by empowering individual client projects with the tools and information necessary to create economic, environmental, and social vitality throughout the world.

BEYOND SMART CITIES VISION

Beyond Smart Cities envisions a world where safety and abundance exists for all people. We realize that everything is interconnected and that all actions must ensure that the well-being of Earth and humanity is protected. We see people and planet living in harmony without compromising the future of both. Our solution is to give the market exactly what it is required for and more, by pairing Expert Knowledge, economic, environmental, and social vitality throughout the world to achieve more with less.

Beyond Smart Cities Private Limited
Registered Name of the Company

January 13, 2020
Date of Incorporation

Plot No : 55, Somashettyhalli ,HMR Layout Chikbanavara, 1st Main,D. R Bendre Road Layout,Karnataka ,Bengaluru-560090
Address as per Incorporation Certificate

1.Krishnaji Arjunrao Pawar
Email : krishnaji.pawar@beyondsmartcities.in
Mobile : +91 6363032722
2.Laxmibai Arjunrao Pawar
Email : laxmibai.pawar@beyondsmartcities.in
Mobile : +91 8618955877
Name of Founder(s) & Email ID and Mobile Numbers

www.beyondsmartcities.in
Company Website

5 BASIC GLOBAL PROBLEMS

- Climate Change
- Population Growth
- Energy & Water Supply & Demand
- Bio-Diversity Loss
- Geo-Politics/Wars and Conflicts

BUILDINGS TODAY ACCOUNT FOR 40% ENERGY CONSUMPTION IN THE DEVELOPED COUNTRIES

GLOBAL CARBON EMISSIONS WILL INCREASE 52% BY 2050 IF CURRENT TRENDS ARE NOT ALTERED.

NEW TECHNOLOGIES AND PRACTICES HAVE BEEN DEVELOPED TO IMPROVE ENERGY EFFICIENCY IN BUILDINGS

KEY ELEMENTS OF A SUSTAINABLE BUILDING

CREATE LANDSCAPES AND WATER BODIES TO REDUCE HEAT ISLANDS

DESIGN FOR DUAL PLUMBING TO USE RECYCLED WATER FOR TOILET FLUSHING OR GRAY WATER SYSTEM THAT RECOVERS RAINWATER OR OTHER NON-POTABLE WATER FOR SITE IRRIGATION

THE URGENT CHALLENGE OF ENERGY EFFICIENCY

DESIGN WITH ADEQUATE SPACE TO FACILITATE RECYCLING COLLECTION AND TO INCORPORATE A SOLID WASTE MANAGEMENT PROGRAM THAT PREVENTS WASTE GENERATION

SUSTAINABILITY SPECIALIST
BEYOND SMART CITIES
FACILITATE QUALITY IEQ
THROUGH GOOD
DESIGN,CONSTRUCTION, AND
O&M PRACTICES

DELIVERING SUSTAINABILITY
DRIVING THE
SMART-CITY
DEVELOPMENT
A new generation of solutions are emerging that shift infrastructure from a top-down, centralized approach, to a user-focused decentralized model with increased agility – and potentially lower costs.
CREATING THE
SMART CITIES
OF THE FUTURE.

BEYOND
SMART CITIES
SUSTAINABILITY SPECIALIST
BEYOND SMART CITIES
THANK YOU
THE WORLD'S 1ST GREEN TECHNOLOGY
MARKETPLACE