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ADVANCED NEW BUILDING CONSTRUCTION COMMISSIONING - NBCX

ONLINE TRAINING

KRISHNAJI PAWAR - CEO & FOUNDER



COMMISSIONING SPECIALIST
BEYOND SMART CITIES

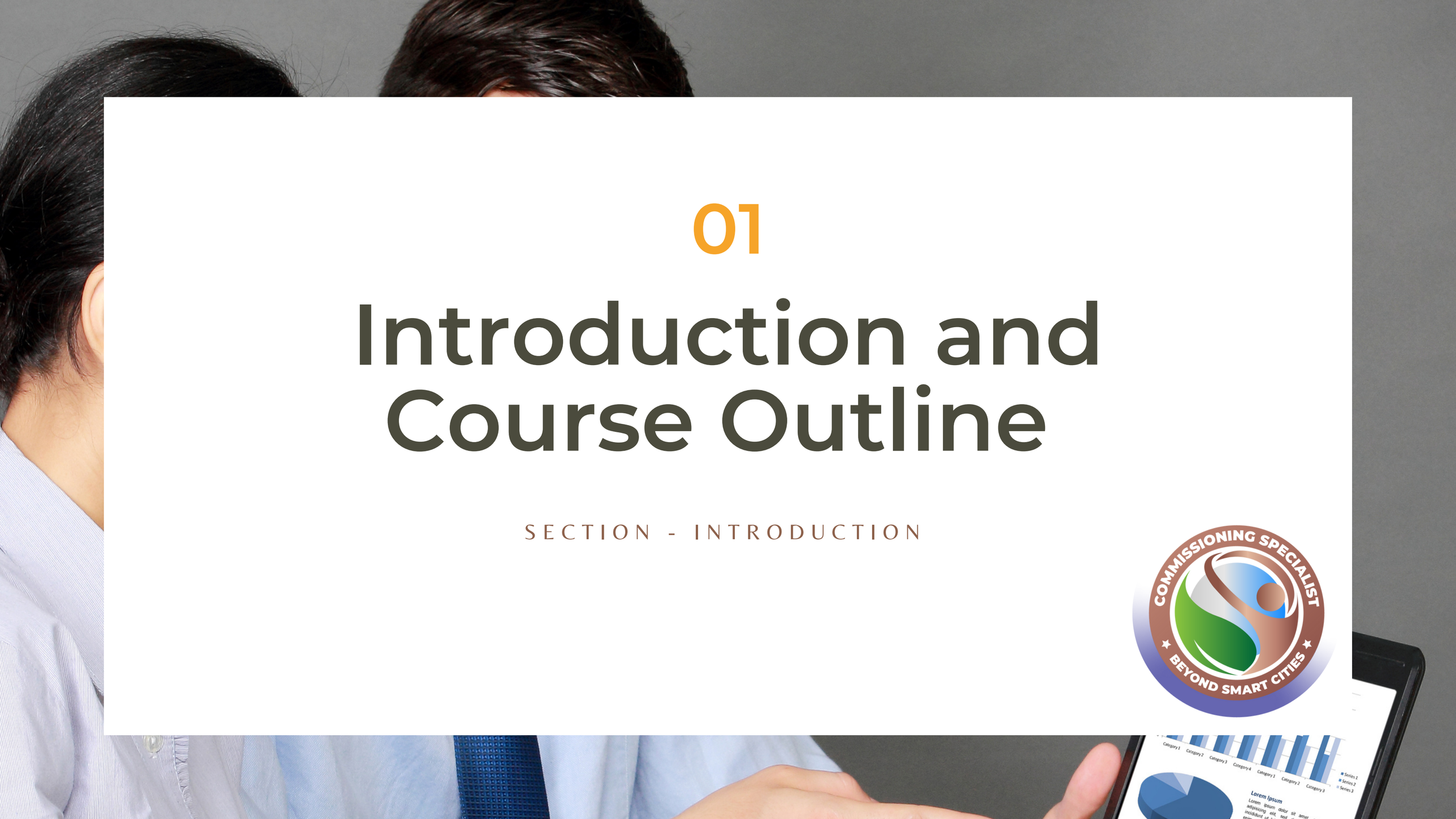
GREEN BUILDING COMMISSIONING



ADVANCED - NBCX

COMMISSIONING SPECIALIST CURRICULUM

KRISHNAJI PAWAR,CEO AND FOUNDER



01

Introduction and Course Outline

SECTION - INTRODUCTION

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My Story

WHY I CREATED THIS COURSE

Krishnaji Pawar is the founder and CEO of Beyond Smart Cities, a sustainability and energy & Environmental Consultancy that specializes in developing sustainable design strategies for Green Building Certification Systems (LEED, GSAS). He is currently responsible for 3,767 million square feet Green Building /Energy modeling Consulting since 2007 in UAE, India and Qatar, and has been at Green Building Technology platform since 2007. He is known for his bold leadership and commitment to creating economic opportunities, and is committed to building a sustainable, high-performing business that delivers on that mission.



Krishnaji Pawar

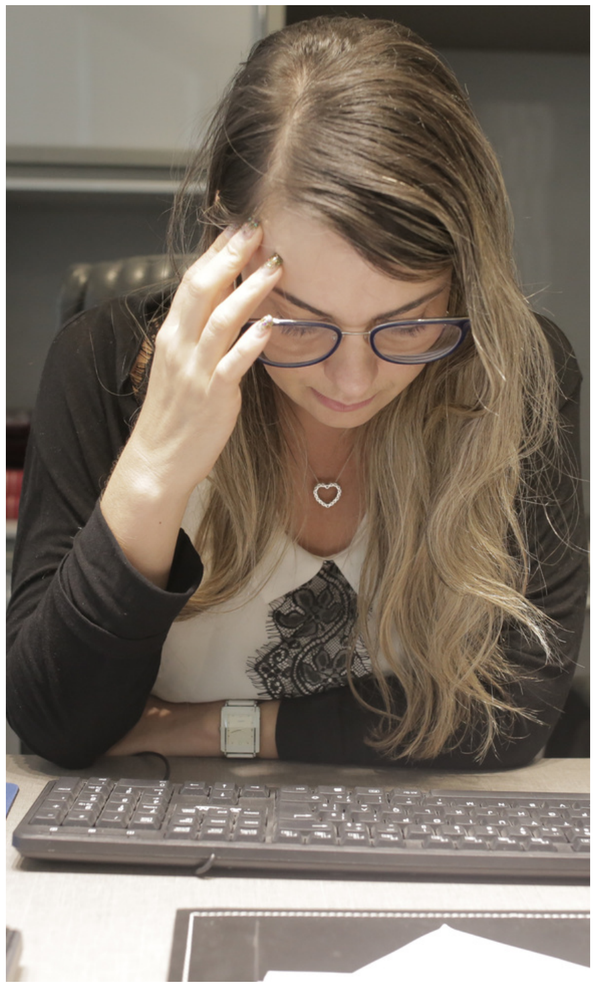
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WELCOME TO OUR ONLINE COURSE

The practise of commissioning newly built structures has developed into a mature industry standard. In order to define and make the commissioning process more clear, many types of codes, standards, guidelines, procedures, and certificates have been developed. There have been some enhancements, modifications, redefinitions, or de-emphasis placed on the process' essential components, and there have also been some new components added. There are some components that are not properly understood or implemented.





Welcome to our Online Course +

- This Advanced New Building Construction Commissioning (NBCx) course will guide you through the New Building Commissioning procedure.
- It also teaches students about building commissioning and its benefits. This training is beneficial for building commissioning service providers, operating employees, energy managers, engineering experts, and commercial and institutional building operators.
- The training will cover commissioning new construction for most building systems and assemblies. It is process-driven with some flexibility to meet unique circumstances, and if a practise appears confusing due to its varied applications, it is clarified.
- The course describes the suggested commissioning procedure but does not advise on the systems to commission or the rigour to apply because these are project-specific concerns. Building automation system and control discussions are the lone exception. Most building commissioning programmes have and will continue to focus on these areas of a building.

What you will learn in this Course

THE KEY TAKEAWAYS FOR THE COURSE

- Introduction and course description
- Discover the pre-design phase
- Recognizing the Design Phase
- Understand the Construction Phase
- Understanding the Phases of Occupancy and Operations
- Advantages and Objectives of Commissioning



Course Outline

01

Introduction &Course Outline

This course explains the New building commissioning process and associated owner benefits.

02

What is New Building Commissioning ?

Definition of NewBuilding Commissioning (NBCx) ,Scope and Purpose of NBCx and Phases of NBCx

03

Pre-Design Phase- NCxA

It is important to start the commissioning process in the pre-design phase.

04

Design Phase- NCxA

During the design phase the project design and details are further developed and organized for the construction documents. These documents must be based on the design team's application of the OPR.

05

Construction Phase- NCxA

In the construction phase, the commissioning process transitions from planning to application and is active during the entire construction phase. During pre-construction, the commissioning schedules are developed and integrated into the construction schedules.

06

Occupancy and Operations Phase - NCxA

At project substantial completion and after conducting operations and maintenance training by the design team (if applicable), contractors, and suppliers, the Owner assumes operational responsibilities for the facility or project.

Course Outline +

07

Commissioning Challenges And Emerging Issue

Today's challenges across the building industry are the precursors of tomorrow's solutions

08

Summary and Resources

New construction commissioning has matured as an industry practice. Codes, standards, guidelines, protocols and certifications have been created to define and clarify the commissioning process.

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VISION & MISSION

01. Vision

Beyond Smart Cities is the world's first marketplace for green technology. It connects millions of sustainability experts, green building experts, energy experts, commissioning experts, health and safety experts, fire safety experts, climate change experts, and green product and technology manufacturers with independent talent from all over the world.

"EDUCATING THE NATIONS AND THE FUTURE COMMISSIONING EXPERTS"

02. Mission

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

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THANK YOU

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