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WELCOME TO SMART CITIES & THE INTERNET OF THINGS (IOT) TECHNOLOGY

ONLINE TRAINING

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Online Course

BEYOND SMART CITIES & THE
INTERNET OF THINGS (IOT)
TECHNOLOGY

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Welcome to our Online Course

In this course, I hope to study how IoT technology may assist smart cities in improving infrastructure and making life easier for residents. To help you comprehend this question, I'll define IOT technology first.

I'll then discuss IOT technology and how it helps smart cities flourish in design, farming, safety and surveillance, and health and sanitation. I will anticipate how the Internet of Things (IOT) can lessen urban population pressures and problems in particular urban sectors. I'll also examine IOT environmental impacts.

In the final section, "Topic," I recommend long-term frameworks for IOT technology and its faults. This study concludes with the effects of deploying IOT technology to address city infrastructure and overcrowding. It shows how technology, environmental science, engineering, and social science can make cities more sustainable through urban development and planning.

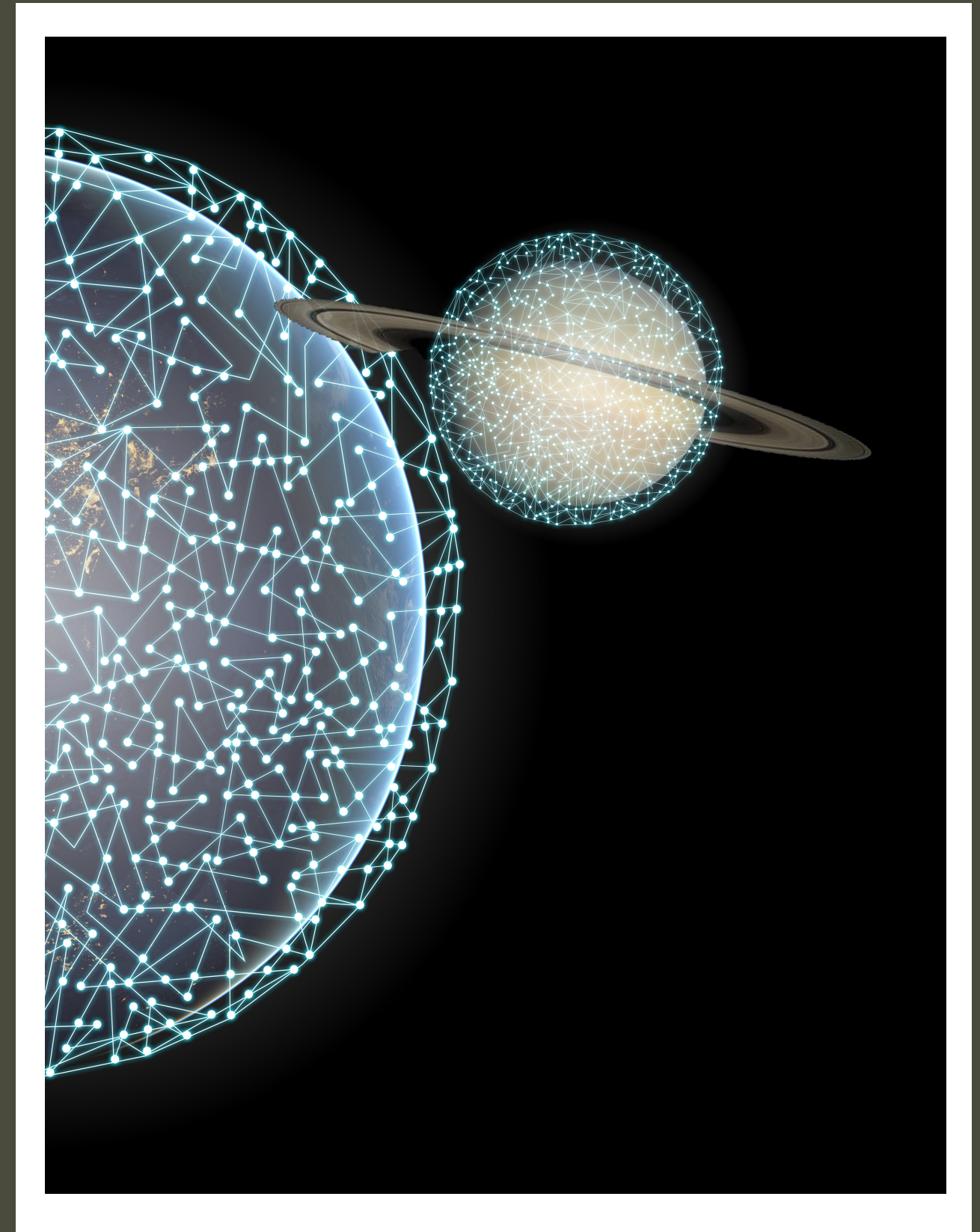
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What you will learn in this Course

With a multidisciplinary approach, Internet of Things technology could help solve some of the world's most pressing issues.

THE KEY TAKEAWAYS FOR THE COURSE

- ✓ What exactly is the INTERNET OF THINGS?
- ✓ What does it have to do with smart cities?
- ✓ How will smart cities benefit from IOT solutions in the future?
- ✓ IOT Functional Capabilities Create Smart Cities
- ✓ Applying Sustainable Frameworks and IOT Weaknesses
- ✓ IOT Technology Solutions to Reduce and Alleviate Overpopulated Cities' Stresses



Course Outline

01

What exactly is the INTERNET OF THINGS?

IoT technology can help develop smart cities by improving infrastructure and making life more convenient.

04

Applications of IoT in Smart Cities

IoT applications run on IoT devices and can be created to be specific to almost every industry and vertical, including healthcare, industrial automation, smart homes and buildings, automotive, and wearable technology.

02

What Is a Smart City?

A smart city uses several technologies, such as IoT, artificial intelligence (AI), software solutions, communication networks, and more.

05

IOT Functional Capabilities Create Smart Cities

Smart solutions can be made with connected technologies and big data, which can help solve problems, improve quality of life, and use less resources. The Internet of Things is essential for a truly smart city.

03

IOT Technology and Smart Cities

IOT technology relies on sensor issues including precision, accuracy, bandwidth, and cloud computing.

06

IOT Technology Solutions to Reduce and Alleviate Overpopulated Cities' Stresses

By eliminating waste-related risks and odours, the IoT could improve public health and sanitation.

Course Outline

07

Sustainable Implications

The technology behind the Internet of Things can make it possible for more fundamental policy and regulatory shifts in the future.

08

Applying Sustainable Frameworks and IOT Weaknesses

Corporate social responsibility, stakeholder theory, corporate sustainability, and green economics are all examples of frameworks that contribute to sustainability.

09

Summary and Resources

Finally, the cost of implementing IoT technology includes the cost of equipment such as sensing, monitoring, and other management systems, which can be costly and pose major impediments to widespread adoption.

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My Story

WHY I CREATED THIS COURSE

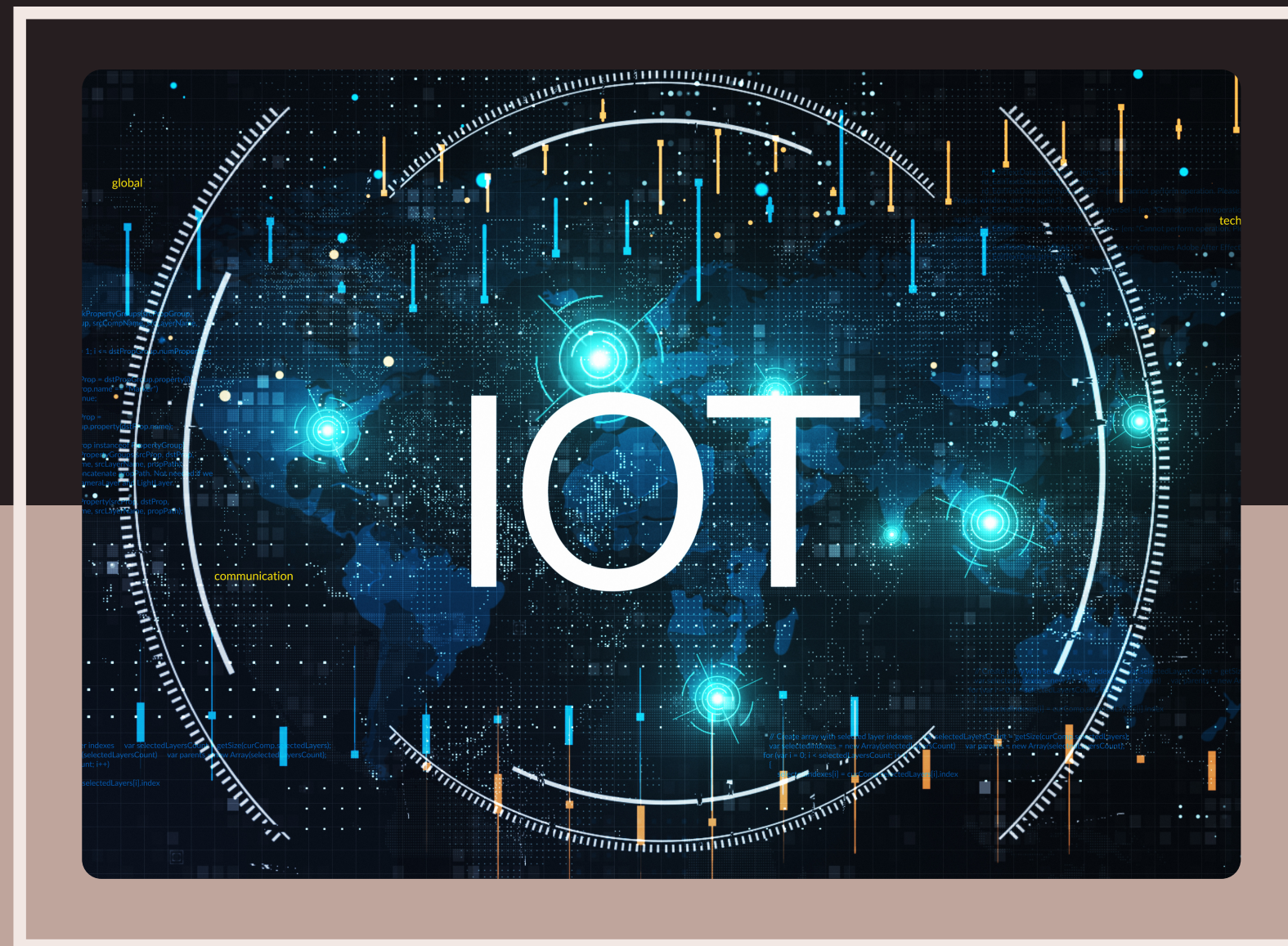
Krishnaji Pawar is the founder and CEO of Beyond Smart Cities, a sustainability and energy & Environmental Consultancy that specializes in developing sustainable design strategies for Green Building Certification Systems (LEED, GSAS). He is currently responsible for 3,767 million square feet Green Building /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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