



SINCE 1983

Dr. Vishwanath Karad

**MIT WORLD PEACE  
UNIVERSITY** | PUNE

TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

World's First University for Life Transformation

# INDCON 2019

## Industry Academia Conclave



Dr. Vishwanath Karad MIT World Peace University is the Flagship University of  
MAEER's MIT Group of Institution, Pune.

📅 **Friday 23<sup>rd</sup> August 2019** | ⌚ **9.30 am. to 5.00 pm.**

📍 **Hyatt Regency, Pune**

[mitwpu.edu.in](http://mitwpu.edu.in)

Supported by



UNESCO Chair for  
Human Right, Democracy,  
Peace & Tolerance  
World Peace Centre (Alandi)  
Pune, India





Prof. (Dr.) Vishwanath D. Karad  
Founder President



Rahul V. Karad  
Executive President



## About MIT-WPU

Dr. Vishwanath Karad MIT World Peace University- known as MIT-WPU, is a center for scientific, educational, technological & spiritual development for the youth. We enable our students to face the challenges of the present and the future technical advancements of a fast changing world by incorporating best of academics, industrial, research and value-based education. We endeavor to prepare our students to become responsible citizens, adept to face the present situations and future challenges in a fast, rapidly changing world by incorporating best of academics and values. We aim to ignite the young minds by reviving our time tested value systems- ethos, culture and traditions.

MIT-WPU has always been on forefront of industry academia engagement and has formed – 'Industry-Academia Collaboration Committee (IACC)'. IACC has evolved into a forum where experts from both Industry and Academia discuss and address important concerns, and stimulate their efforts towards forging successful partnerships that would prove mutually beneficial. IACC as an endeavor, focuses on exploring various avenues between academic institutions and corporate organizations. With this initiative MIT-WPU (IACC) is glad to announce our annual flagship event– 'Industry Conclave - INDCON 2019', which touches on relevant issues and topics of current interest to industry and academia.



is an initiative by MIT-WPU

To connect Senior Leaders from Industry and Academia. The forum hopes to engender a lively and enlightening discussion on topics that are of universal interest and are impacting the future of our society in deeply significant ways. The event is an effort to initiate a dialogue to understand how Industry foresees the upcoming shape of key trends and is a forum where Leading Experts and Senior Leaders from Industry will directly share their insights.

There have been huge leaps taken by various corporates and academia to bring about positive change and innovation. It is clearly time to create a nurturing environment where the industry and the academia can work hand-in-hand. Understanding the importance of changing business needs, INDCON 2019 focuses to initiate the dialogue with corporate through Panel Discussion.



### INDUSTRY 4.0 Getting ready for the next Industrial Revolution

Industry 4.0 is the term that recognizes the increasing trend of automation and data exchange and digitalization of manufacturing technologies. It is widely being recognized that Industry 4.0 is likely to throw up challenges in leadership and workforce skill gap for which both Industry and Academia need to be prepared. Industry 4.0 is likely to have a significant impact on almost all areas of business and is something we will need to understand well.

It refers to a general term for the big changes that are currently taking place in most advanced countries. Talking mainly about automation, robotization, digitalization, but also about artificial intelligence, or the internet of things. The number "4.0" marks the fourth industrial revolution and promises changes of similar significance that mankind last experienced with the advent of the internet. It will change the way manufacturing companies run and will dramatically affect the global business environment. This is the future of manufacturing as we know it. In 20 years, it will be the norm for conducting business and creating value for our customers. Each of us will have to learn a different skill set to succeed in this changing world of employment.

The 4th industrial revolution, leverages technological advancements in both the physical and digital world to increase manufacturing capability and efficiency. The 4th industrial revolution introduces Cyber-Physical Systems into the manufacturing world and leverages the internet as a key media for sharing and collecting information, as well as driving distributed, intelligent decisions back to physical processes. Introducing a Smart ecosystem.



### ARTIFICIAL INTELLIGENCE Implications of AI on the Society of Tomorrow

Artificial Intelligence is everywhere. Artificial intelligence (AI) is a machine that can mimic human abilities such as learning, problem-solving, planning, perception and the ability to move objects. Artificial intelligence (AI) is applied to machines and algorithms that mimic the cognitive functions of human beings, including sight, touch, speech recognition and Problem-solving. AI typically requires large amounts of data as input to produce an output which solves a particular problem. Core areas within AI include Machine learning (ML), machine perception and robotics.

Artificial Intelligence has emerged as a game-changing technology that enables companies to cut business costs, boost productivity and deliver a great customer experience. AI is transforming the way humans will interact with machines and the role machines will play in various spheres of human life. AI is rapidly changing Manufacturing, Customer Engagement, Decision Making, and impacts People, Processes and Technology and thus is relevant almost universally.

Artificial intelligence is defined as "an ideal, intelligent machine [that] is a flexible rational agent that perceives its environment and takes actions that maximize its chance of success at some goal." At the same time there are some serious concerns about AI ranging from job losses to Privacy Concerns. What are the Industry Experts' views on where AI is heading?



### SMART CITY MISSION Redesigning better Cities for all of us to live in

Smart city manifesto is to enable with the latest in technology and infrastructure – adhering to concepts like sustainability, walk to work etc, and focused on specialized domains'

A key feature of smart cities is that they create efficiency. Well-designed technology tools can benefit government agencies, the environment and residents. Smart cities can improve the efficiency of city services by eliminating redundancies, finding ways to save money and streamlining workers' responsibilities. The results can provide higher-quality services at lower cost. Technology has the power to help people live in communities that are more responsive to their needs and that can actually improve their lives. Smart Cities can revolutionize the quality of life for all by solving common issues that are an inevitable part of urban life. It's real urban communities responding in real-time to changing weather, times of day and citizen needs. These efforts can span entire communities.

They can vary from monitoring traffic to keep cars moving efficiently or measuring air quality to warn residents (or turn on massive air purifiers) when pollution levels climb. A faster, cheaper and more energy efficient Transportation. Using data and electronic sensors in this way is often referred to as building "smart cities," which are the subject of a major global push to improve how cities function. In part a response to incoherent infrastructure design and urban planning of the past, smart cities promise real-time monitoring, analysis and improvement of city decision-making. Safer Roads. Lesser Crime. More Efficient Water Supply, and Better Sanitation and Waste Management. How do we redesign our cities to enrich our lives?



## Schedule of INDCON 2019

Sr.	Agenda	Scheduled Time
1	Registration	09.30 – 10.00
2	Inaugural Session	10.00 – 10.30
3	Panel 1 Industry 4.0: Getting ready for the next Industrial Revolution	10.30 – 11.30
4	Panel 2 AI: Implications of AI on the Society of Tomorrow	11.40 – 12.40
5	Lunch Break	12.45 – 13.45
6	Panel 3 Smart City Mission: Redesigning better Cities for all of us to live in	13.45 – 14.45
7	Valedictory	14.45 – 15.30
8	Networking Tea	15.30 onwards

### Our Industry Partners



Convener  
**Prof. P. Subrahmanyam**  
Director (T&P), MIT-WPU

Co-convener  
**Ms. Neeta Dagar**  
Associate Director (Corporate Engagement), MIT-WPU

• RSVP •

**Prof. Shobana Anand**  
Assistant Director  
Member IACC, MIT- WPU  
**9922961195**  
shobana.anand@mitwpu.edu.in

**Dr. Supriya Bapat- Paigude**  
Asst Prof. & Head Outreach  
Member IACC, MIT- WPU  
**9822431290**  
supriya.paigude@mitwpu.edu.in

**Prof. Rajkumar Komati**  
Asst Prof.  
Member IACC, MIT- WPU  
**9822292281**  
rajkumar.komati@mitwpu.edu.in



Dr. Vishwanath Karad  
**MIT WORLD PEACE**  
**UNIVERSITY | PUNE**  
TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

MIT-WPU, Paud Road, Kothrud, Pune- 411 038

**mitwpu.edu.in**