



सत्यमेव जयते  
**Ministry of Education**  
Government of India

हरियाणा केंद्रीय विश्वविद्यालय, महेन्द्रगढ़  
**CENTRAL UNIVERSITY OF HARYANA, MAHENDERGARH**  
(NAAC ACCREDITED 'A' GRADE UNIVERSITY)

**Strategic Foresight and Innovation :**  
**Megatrends that reshape our World**

**14th March to 25th March, 2022**  
(Fully Online Course)

**Sponsored by Ministry of Education**  
**under the scheme of Global Initiative of Academic Networks (GIAN)**



*Organised by*  
**Department of Management Studies,**  
**School of Business Administration & Management**

# Strategic Foresight and Innovation : Megatrends that reshape our World

Ministry of Education Scheme of Global Initiative of Academic Networks (GIAN)

## 1. Overview

Abraham Lincoln once said: "The best way to predict the future is to create it". Strategic Foresight and Innovation course teaches companies to predict the future, prepare for it and create new products, services and business models that would harness political, economic, social and technological mega tendencies that reshape our world. Participants will learn how to contemplate new tendencies in corporate strategies and how to prepare for various possible scenarios in future.

Upon course completion, participants will be able to use Strategic Foresight as a tool to identify business opportunities through the creation and analysis of future scenarios both for industries and organizations. In addition, course explores the major trends that already reshape or have a potential to reshape our future, such as Open Innovation, Autonomous Vehicles, Augmented Intelligence, Robotics, Augmented and Virtual Reality, Artificial Intelligence, Digital Printing, Crowd sourcing and many more.

## 2. Objectives

The primary objectives of the course are as follows:

- i. Learn to predict, anticipate and create the future.
- ii. Understand the future trends, technological and societal transformations.
- iii. Learn tools to find innovative solutions and create a meaningful change in organizations.

## 3. Teaching Faculty

### Foreign Faculty

Professor Valery Chistov  
CEO of Disruptive Foresight Think Tank (Spain) and  
lead researcher at the Open Eco-Innovation Lab  
Deusto Business School, Spain

### Host Faculty

Dr. Sunita Tanwar  
Department of Management Studies,  
School of Business Administration and Management  
Central University of Haryana  
Mahendergarh-123031



#### 4. Course Details

Duration: 2 Week & Online Mode (14th March to 25th March, 2022)

##### Lecture Schedule

<b>Day 1</b> 14 Mar	Lecture 1: 4:00 - 6:00 PM Introduction to Strategic Foresight. Importance of predicting the future. Conceptual Framework of Strategic Foresight, Strategic Planning
<b>Day 2</b> 15 Mar	Lecture 2: 4:00 - 6:00 PM The Systemic thinking, Prospective thought.
<b>Day 3</b> 16 Mar	Lecture 3: 4:00 - 6:00 PM From Scenario Thinking to Strategic Action. Elements to consider for building the future. Foundations for the construction of scenarios. Steps for the construction of scenarios.
<b>Day 4</b> 17 Mar	Lecture 4: 4:00 - 6:00 PM Quality and quantity information to build scenarios. Benefits of the construction of scenarios for strategic management of business.
<b>Day 5</b> 18 Mar	Lecture 5: 4:00 - 6:00 PM Foundations of Exponentials. The era of digital transformation.
<b>20 Mar</b>	Break
<b>Day 6</b> 21 Mar	Lecture 6: 4:00 - 6:00 PM Qualitative Tools. Quantitative Tools. Analysis of scenarios as a tool for strategic business planning. Implementation of Strategic Foresight to identify business opportunities Negative and positive scenarios.
<b>Day 7</b> 22 Mar	Lecture 7: 4:00 - 6:00 PM Evolution of innovation thought. Open Innovation, converging innovation. Exponential technologies (Blockchain, artificial intelligence, quantum computing, robotics, additive Manufacturing).
<b>Day 8</b> 23 Mar	Lecture 8: 4:00 - 6:00 PM Digital reality. Race for Space. Future of democracy and capitalism.
<b>Day 9</b> 24 Mar	Lecture 9: 4:00 - 6:00 PM Future of leadership (Model thinking, moonshot thinking). Future of finance (Investing in exponential tech, investing for impact at scale)
<b>Day 10</b> 25 Mar	Lecture 10: 4:00 - 6:00 PM Green revolution (Energy and environmental systems), Exponential Medicine (Longevity, personalized regenerative medicine, super humans).
<b>Day 11</b> 26 Mar	Examination 2:00 - 4:00 PM

#### 5. Who can attend?

- University students at all levels (Business and Engineering)
- All faculty members
- Executives and managing personal of manufacturing, service and government organizations

#### The participation fees for taking the course is as follows:

- Participants from abroad: US \$150
- Industry Participants: INR 4000/-
- Faculty/Scientists: INR 2000/-
- Students: INR 1000/-



## From Patron & Vice-Chancellor



I am happy to know that, continuing with the vision of the University to promote collaborative initiatives in academics, the Department of Management Studies of Central University of Haryana is organizing a course titled "Strategic Foresight and Innovation" from March 14 to March 25, 2022 under the Ministry of Education scheme of Global Initiative of Academic Networks (GIAN). We take pride in sharing with the stakeholders that this course is the GIAN Course conducted by the University.

It is enlightening to note that the Course will cover the relevant aspects of Introduction to strategic foresight, strategic planning, the systemic thinking, prospective thought to strategic action, elements of the future foundations, quality and quantity information, qualitative tools, quantitative tools, analysis of business planning, implementation of strategic foresight to identify business opportunities negative and positive scenarios, big data, 3D printing, autonomous cars crowdsourcing, future of education, innovation and crime, internet of things, open innovation, personalization population change initiatives. The GIAN Course shall engage the participants in thoughtful discussion on strengthening the customer change, smart cities robotics, social innovation, social media virtual reality, augmented reality, digitization, sharing economy, design thinking, future of Job markets. Besides, the expertise of the foreign expert conducting the GIAN course convinces me of its success.

We hope that the students and faculty of different universities & industries shall take the full advantage of the course which is designed in order to orient the participants towards innovative and emerging trends in the specific area to be covered by the GIAN course.

Here, I would like to extend my compliments to the host faculty Coordinator for carrying forward the agenda of the University to adopt innovative pedagogies for dissemination of knowledge.

**Prof. (Dr.) Tankeshwar Kumar**

## Foreign Faculty



**Prof. Valery Chistov** is a lead researcher at the Open Eco-innovation Research and a managing director of Association for Open Eco-innovation. Previously he was holding the position of Director of Entrepreneurship and Innovation program at Tecnológico de Monterrey University (Mexico). In addition to this Prof. Valery is a CEO of Disruptive Foresight, an international consulting & training company dedicated for preparing companies for disruptive changes in their industries, as well as designing competitive internal innovation management systems. He has more than 10 years of extensive professional experience as a consultant for such international companies as Continental Tires, 3M, Estafeta, Gazprom, WTC Industrial, and ABB Contitech, Peasa among others. His latest work is in the field of eco-innovation and ecopreneurs. Prof. Valery is an expert in the fields of corporate innovation, entrepreneurship and creativity. Apart from consulting, he has guided more than 20 startups from development of business models to prototyping and successful market entry.

He is an active member of International Society for Development and Sustainability, and Association for Business Communication, where he is currently nominated for the position of Vice President for Caribbean, Mexico, Central and South America. He constantly represents himself at international conferences and forums related to entrepreneurship and innovation and was a keynote speaker in Startup Week Latin America in 2015.

## Host Faculty



Dr. Sunita Tanwar is presently working as an Assistant Professor in the Department of Management Studies, School of Human Resource and Analytics at Central University of Haryana. She is an expert in the field of entrepreneurship and having fifteen years of extensive experience of teaching and research. She is actively working in the field of Innovation, Entrepreneurship and Skill Development by contributing at various International, National and State level platforms other than involving herself in various University level activities. She has already conducted three Courses under GIAN on topics related to "Starter and Startups: A Learning cycle for beginners" in July 2016 along with Prof. Prof. Mario Cortes, Monterrey the Technology University, Mexico, "Start Ups and Entrepreneurship: A Case based Learning Approach" with Prof. Roger Conaway, University of Texas, Tyler, US and "Innovation lab: From Idea to Business" along with Prof. Valery Chistov from University of Deusto, Spain.

She has an International Teaching Exposure of teaching in Business School of Tecnológico de Monterrey University, Mexico and National Institute of Cooperative Development, Polgolla, Sri Lanka. She has attended International Training Programme on Science, Technology Innovation Policy making and Open Innovation from ISTIC Malaysia.

## About The University

The Central University of Haryana (established vide Central Universities Act 2009) is the only Central University in the state of Haryana to be funded and regulated by the University Grants Commission and the Ministry of Education, Government of India. Central University of Haryana is located at Jant-Pali villages of district Mahendergarh in South Haryana. Mahendergarh is now a part of the extended National Capital Region (NCR) and is 125 kilometers away from Delhi. It is well connected to Delhi through railways and road. Presently, the University offering 72 academic programs under (UG/PG/Research). The University is one of the foremost universities in the country to implement National Education Policy (NEP-2020) at all levels. The Department of Management Studies was established under the aegis of School of Business Administration in Management. The Department is currently offering MBA and Ph.D. programmes. More details about the University and the Department can be found at: <http://cuh.ac.in>.

## Course Coordinator

### Dr. Sunita Tanwar

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## Local Coordinator

### Prof. Gunjan Goel

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## How to Participate:

1. Register yourself on GIAN portal of IIT Kharagpur (<http://www.gian.iitkgp.ac.in/>)
2. Choose the course " Strategic Foresight and Innovation. Megatrends that reshape our World. " by drop down menu
3. Fill the registration form and pay the course fee by DD/Cheque/RTGS
4. Scan filled registration form & send to Course Coordinator by E-mail.