



“Capacity Building & Skill Development for Digital Transformation in Digital Economy”

ITU- ICT Faculty Workshop

6-10 JULY 2019

Tehran, Islamic Republic of Iran



Introduction

International Telecommunication Union (ITU) and Faculty of Applied Science of Post and Telecommunication, the training centre, Iran’s ICT Ministry, are jointly organizing an international 4 day, face-to-face workshop program in Tehran, I.R. Iran in May 2019.

The main objectives of this face-to-face workshop are to:

- Inform and create awareness of the use of telecommunications or ICT in support of the digital economy and society;
- Share international best practices on Digital Transformation; and
- Build capacity and skills development in the digital era through digital transformation.

The workshop is designed to enhance understanding of participants by sharing best practices and build capacity for ICT stakeholders.

Topics

To achieve the main objectives, the program has been designed to enhance the understanding of participants of new technologies and innovation methodologies. The headline topics are:

- The role of innovation and new technologies for achieving SDGs
- Digital transformation and the digital economy
- Fostering innovation in the workplace and the community
- Modern design processes and methodologies
- Technology skill development for employment and business growth
- Introduction to mobile app development

Methods

The workshop program consists of both lectures and practical, hands-on activities that enhance the learning experience. Participants will have the opportunity to work with others and share ideas.

Experts

A number of ITU experts will present the program.

Expert	Details
Mr. Sameer Sharma	Senior Advisor ITU
Mr. Peter Argent	Innovation and Digital Skills Consultant Brisbane, Australia https://www.linkedin.com/in/peterargent/

Mr. Muhammad Shahryar Khan	Mobile Application Development Expert Islamabad, Pakistan https://www.linkedin.com/in/muhammad-shahryar-khan-78984a7/
Country Representatives	Australia, India, China, Malaysia,

Agenda

DAY 1

Time	Session
08:30 - 09:00	Registration
09:30 - 10:30	Opening ceremony <ul style="list-style-type: none"> • Opening remarks: Mr. Sameer Sharma, Senior Advisor, ITU • Welcome remarks: ICT Faculty, I.R. Iran • Welcome address: MICT, I.R. Iran, Dr. Saraeian
10:30 - 11:00	Group photo & morning break
11:00 - 12:00	Session 02 ACHIEVING SDGs THROUGH DIGITAL TRANSFORMATION IN DIGITAL ECONOMY <ul style="list-style-type: none"> • What is Digital Transformation? • Need for Cross Sectoral Collaboration • Key ITU Initiatives with UN Agencies and Partners Mr. Sameer Sharma, Senior Advisor, ITU
12:00 - 13:00	Session 03 ACCELERATING DIGITAL TRANSFORMATION IN A GLOBAL CONTEXT <ul style="list-style-type: none"> • Organisations backing digital transformation strategies around the world • DT Data • Challenges and opportunities Mr. Peter Argent
13:00 - 14:00	LUNCH
14:30 - 15:30	Session 04 THE ROLE OF NEW TECHNOLOGIES FOR DIGITAL TRANSFORMATION <ul style="list-style-type: none"> • Social Impact of improving Innovation in Agriculture, Education, Health and Disaster Management Mr. Shahryar Muhammad Khan
15:30 - 16:00	Afternoon break
16:00 - 17:00	Session 05 <ul style="list-style-type: none"> • Reflection and Group Discussions

DAY 2

Time	Session
09:00 - 10:30	Session 06 DT STRATEGY IN CHINA <ul style="list-style-type: none">• Successes• Challenges• Opportunities PRESENTER:
10:30 - 11:00	Morning Break
11:00 - 12:30	Session 07 DT STRATEGY IN INDIA <ul style="list-style-type: none">• Successes• Challenges• Opportunities PRESENTER:
12:30 - 13:30	Lunch Break
13:30 - 15:00	Session 08 DT STRATEGY IN MALAYSIA <ul style="list-style-type: none">• Successes• Challenges• Opportunities PRESENTER:
15:00 - 15:30	Afternoon break
15:30 - 17:00	Session 09 DIGITAL ECONOMY AND DIGITAL TRANSFORMATION STRATEGY IN THAILAND <ul style="list-style-type: none">• Successes• Challenges• Opportunities PRESENTER:

DAY 3

Time	Session
09:00 - 10:30	Session 10 DT STRATEGY IN RO KOREA <ul style="list-style-type: none">• Successes• Challenges• Opportunities PRESENTER:
10:30 - 11:00	Morning Break
11:00 - 12:30	Session 11 DT STRATEGY IN PAKISTAN

	<ul style="list-style-type: none"> • Successes • Challenges • Opportunities <p>PRESENTER: Mr. Shahryar Muhammad Khan</p>
12:30 - 13:30	Lunch Break
13:30 - 15:00	<p>Session 12 DT STRATEGY IN AUSTRALIA</p> <ul style="list-style-type: none"> • Successes • Challenges • Opportunities <p>PRESENTER: Mr. Peter Argent</p>
15:00 - 15:30	Afternoon break
15:30 - 17:00	<p>Session 13 DT STRATEGY IN IRAN</p> <ul style="list-style-type: none"> • Successes • Challenges • Opportunities <p>PRESENTER:</p>

DAY 4

Time	Session
09:00 - 10:30	<p>Session 14 CREATING OPPORTUNITIES WITH DIGITAL SKILLS</p> <ul style="list-style-type: none"> • Collaboration between Government, Universities, ICTs and citizens • Technology skills for business and employment growth • Investment in community technology hubs <p>Mr. Peter Argent</p>
10:30 - 11:00	Morning Break
11:00 - 12:30	<p>Session 15 THE VALUE OF DESIGN (THINKING)</p> <ul style="list-style-type: none"> • What is design thinking and why is it valuable? • Overview of design methodologies • <i>TEAM CHALLENGE: Design thinking challenge</i> <p>Mr. Peter Argent and Mr. Shahryar Muhammad Khan</p>
12:30 - 13:30	Lunch Break
13:30 - 15:00	<p>Session 16 TECHNOLOGY DESIGN PROCESS</p> <ul style="list-style-type: none"> • Business model design • User experience design • Lean & Agile methodologies • <i>TEAM CHALLENGE: Business Model Canvas</i> <p>Mr. Peter Argent and Mr. Shahryar Muhammad Khan</p>
15:00 - 15:30	Afternoon break

15:30 - 17:00	<p>Session 17 TEAM CHALLENGE: INNOVATION FOR IRAN'S DIGITAL TRANSFORMATION</p> <p>Teams will:</p> <ul style="list-style-type: none"> ● Identify a problem to be solved ● Collaborate ● Ideate ● Design ● Plan <p>Mr. Peter Argent and Mr. Shahryar Muhammad Khan</p>
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DAY 5

Time	Session
09:00 - 10:30	<p>Session 18 TEAM PRESENTATIONS: INNOVATION FOR IRAN'S DIGITAL TRANSFORMATION</p> <ul style="list-style-type: none"> ● Some time for final preparations ● 5 Minute presentations by each team <p>Mr. Shahryar Muhammad Khan</p>
10:30 - 11:00	Morning Break
11:00 - 12:30	<p>PANEL DISCUSSION</p> <p>Closing ceremony</p>
12:30 - 13:30	Lunch Break
13:30 - 17:00	Site Visit