Webinar on

Status of STI in the OIC Region
by
His Excellency Prof. Dr. Adnan Badran

Former Prime Minster, Jordan,
Ex - Deputy Director General UNESCO
Chancellor, University of Petra

Date: 22nd June 2020,
Time: 03:00 pm Pakistan Standard Time;
01:00 pm Jordan Standard Time;
10:00 am Greenwich Mean Time

COMSTECCH has arranged web based seminar to discuss status of Science, Technology and Innovation (STI) by Prof Dr. Adnan Badran. Dr. Badran's lecture will focus on ins and outs of research and higher education in OIC countries, status of research in OIC Member states and way forward for STI capacity deficient countries. This webinar is open to science policy makers, academicians, scientists and general public from all the member OIC states.

Abstract of talk

Investing in research and related higher education is a priority for building a knowledge-based economy based on human capital. Knowledge is gained from basic research to stimulate innovations, and the introduction of new technologies in industry and agriculture and develop new goods and services to overcome unemployment and poverty. Problem-oriented research by universities and research centers would lead to the creation of startups that are closely related to development of wealth, and increased domestic production, and income per capita. Indicators show that UAE and Malaysia lead the Islamic countries in the Global Competitiveness Index (2019).
Malaysia leads the Islamic countries of investment in research (1.44% of GDP), followed by UAE, Turkey, Jordan, Egypt and Tunisia, while UAE ranks first in the number of researchers (FTEs per million people), followed by Malaysia, Tunisia, Turkey, Morocco, Egypt, Jordan, Kuwait, Pakistan, Oman, and Indonesia. (2016-2017). As for the number of scientific papers reviewed by counterparts, China leads the world, followed by Unites States, India, Germany and the United Kingdom, while in the Islamic world, Iran ranks first, followed by Turkey, Malaysia, Egypt, Saudi Arabia, Pakistan, Indonesia and Tunisia (2017). Turkey tops the density of indexed publications (Scopus in the Middle East), followed by Iran, Egypt, Saudi Arabia, Tunisia, Morocco, United Arab Emirates and Jordan.

As an indicator of technology in terms of percentage of total exports, Malaysia leads the export of high technology in the Islamic region, followed by United Arab Emirates, Indonesia, Tunisia and Kuwait. In patents, China, United States, and Japan top the world in filed patents (2018), while, Iran, Turkey and Indonesia lead the Islamic world in filed patents followed by Malaysia, Saudi Arabia and Egypt. As for patent applications for every $ 100 billion of GDP, South Korea leads the world, followed by China, Japan, and Germany as pioneers of global science (2018).

**Speaker’s Profile:**

**Adnan Badran** is the Chancellor of the University of Petra and the Chairman of the Board of Trustees of the University of Jordan. Badran was Prime Minister (2005), Minister of Agriculture (1989) and Minister of Education (1989) in Jordan. He was Senator and Chair of the Senate Committee on Science, Education and Culture (2006-2010).

He is a biologist with over 120 publications, including 22 books and 4 patents. He was awarded an Honorary Doctorate from Sungkyunkwan University, Seoul (1981); an Honorary Doctorate in Science from Michigan State University, (2007); an Honorary Doctorate in Business from Yarmouk University, Jordan (2014); the West Watkins distinguished Lectureship Award (2009) USA; the Hall of Fame Alumni Award from Oklahoma State University, USA; and the Honorary Professorship from L.N. Gumilev Eurasian National University Kazakhstan (2012).

**Live on YouTube comstech-oic**

**Procedure to join:**

Join Zoom Meeting

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