Ref.: 018950	Cairo, 10 August 2020

‒ Arab Administrations of ITU Member States,
‒ Arab Regulators
‒ ITU-D Sector Members and Associates
‒ Academia Institutions
‒ Regional and International Organizations concerned
‒ Regional chairs and vice chairs of the Advisory Groups (TSAG, TDAG, RAG) and Study Groups

Subject: **ITU Centres of Excellence online training course on "5G Mobile Networks and Systems", 14 – 20 September 2020**

Dear Madam/Sir,

I am pleased to invite your organization to participate in the online training course on **"5G Mobile Networks and Systems"** organized jointly by the International Telecommunication Union (ITU) and the Smart Tunisian Technoparks (S2T), from 14 to 20 September 2020, as part of the Broadband & wireless networks program under the auspices of the ITU Centres of Excellence for Arab region. The training will be delivered in English.

This training will focus on 5G Mobile Networks and Systems. In addition, the training will cover the following topics:

- Limitation of the 4G system and its evolution toward 5G
- New requirements of 5G systems
- New technologies, features and architecture of the upcoming 5G systems especially: frequency bands, 5G NR, the new air interface NOMA, Cloud-RAN, Network Slicing, D2D communications, Small Cell Networks
- Migration from 4G to 5G systems and deployment of 5G in the world
- Evolution and timeline of 3GPP specifications.

This training course targets engineers and technical staff working in 4G/5G networks and systems, regulators, policy makers, telecom operators, industry, and academia. Other institutions and individuals who are interested in building their capacity in 5G systems are also welcome to participate in this training course.

Detailed information on this training course is described in the course outline, which can be downloaded from the ITU Academy portal at the following link (Click here).

Registration should be made online at the aforementioned link no later than **4 September 2020**. Payment details are specified in the training course outline.

Should you require any further information, Eng. Mustafa Al Mahdi, Programme Officer, at ITU Arab Regional Office (mustafa-ahmed.al-mahdi@itu.int) and Mrs. Houda Jarraya, Focal point at S2T, (houda.jarraya@gmail.com; houda.jarraya@s2t.tn) are at your full disposal.

Looking forward to your active participation in this online training course.

Yours faithfully,

[Original signed]

Adel Darwish
Regional Director