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- Administrations and Regulators in the Arab Region
- ITU-D Sector Members in the Arab Region
- Associates in the Arab Region
- Academia Institutions in the Arab Region
- Regional and International Organizations concerned in the Arab Region
- Arab Regional chairs and vice chairs of the Advisory Groups and Study Groups

Subject: ITU Centres of Excellence Online Training Course on "Fiber To The Home (FTTH)"

Dear Madam/Sir,

I am pleased to invite your organization to participate in the online training course on **"Fiber To The Home (FTTH)",** organized jointly by the International Telecommunication Union (ITU) and Sudatel Telecommunications Academy (SUDACAD), from **3 to 7 November 2021**, as part of ICT Applications Programme under the auspices of the ITU Centres of Excellence for the Arab region. The training will be delivered in English & Arabic.

This training aims to focus on Optical Access Networks, specifically Fiber to the Home (FTTH) technologies. Among different key topics related to Optical Access Networks Fiber to the Home (FTTH).

By the end of this training, the participants should be able to:.

- Understand the passive Optical Network (PON) architecture and its possible implementation.
- Identify the different varieties of PON architectures.
- Determine the differences between broadband Passive Optical Network (BPON), Gigabit Passive Optical Network (GPON) and Ethernet Passive Optical Network (EPON).
- Specify the required components that facilitate FTTx installations.
- Calculate the optical loss budget for a FTTx network.
- Test Fiber to the FTTx or fiber in the loop Networks.

This training course targets Optical Fiber Network manufacturers, designers, installers, infrastructure operators, Internet service providers, content and services providers, local authorities and any person involved in a project around the receipt of fiber optical among enterprises, data centers, individuals, and local authorities. Other institutions and individuals who are interested in having an overview of Fiber To The Home (FTTH) are also welcomed 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)[1].Registration should be made online at the aforementioned link no later than **30 Oct. 2021.** 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, E-mail: (mustafa.almahdi@itu.int) and Ms. Sara Almakki Abdalgader Almakki, Focal Point, at SUDACAD, E-mail: (Saraab@sudatel.sd) are at your full disposal.

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

Yours faithfully,

[Original signed]

Adel M. Darwish
Regional Director
Arab Regional Office

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[1]https://academy.itu.int/training-courses/full-catalogue/fiber-home-ftth-0