

ITUWebinars

## National Workshop for Montenegro

*IPv6 strategy, policy  
and implementation*

20-21 April 2021 | 10:00-12:00 CEST  
Online meeting

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<http://www.itu.int/go/93FG>

Organized within the framework of the ITU Regional Initiative for Europe  
on Broadband infrastructure, broadcasting and spectrum management

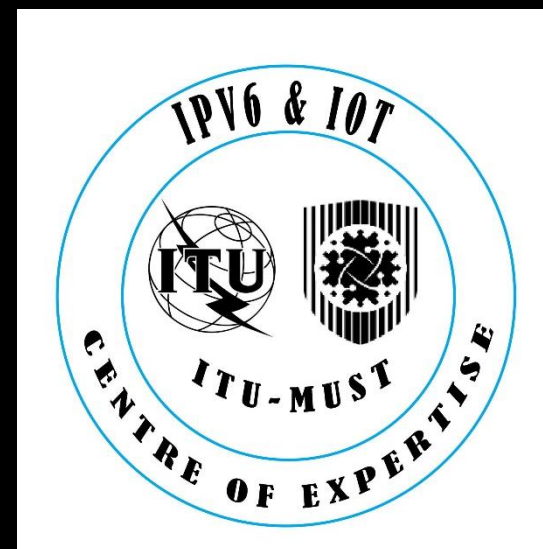
IPv6

BROADBAND  
NETWORKS

NETWORK  
ENGINEERING

BROADBAND  
DEVELOPMENT

INTERNET  
PROTOCOL



# ITU/MUST IPv6 and IoT Centre of Expertise – Capacity Building

# Historical ITU Partnership

## Projects & Trainings:

Provide an online training entitled “Migration to IPv6” for global audience (collab. with ITU Academy)

Provide CNE6 L1 & L2 Training for ITU member countries.

Workshop on Migration strategy for Telco Service Providers.

Completed a study entitled “A Study on IPv6 Address Allocation and Distribution” (July 2009)

Other IPv6 Deployment & Capacity Building activities for Developing Countries.

# Objective of the Centre

- To help member countries plan, coordinate and strategize a smooth transition to IPV6 and help create expertise in IOT.
- To assist to setup Regional Centers around the world to share expertise, resources and capacity-building know-how in IPV6, IOT and NGI research, training and education.
- To strengthen capacity building to deliver advance and specialized telecommunication & ICT training in IPv6 and IOT via these regional centers
- To offer continuous education to ICT managers (public & private spheres) through face-to-face or distance learning programmes
- Serve as regional focal points for professional development, research, and knowledge sharing, as well as providing specialist training services to external clients
- Help the expansion of the Internet by promoting IPv6 and IOT and to bridge the digital divide by reaching the bottom billions.

# PAST TRAINING WORKSHOP

Workshop – Vietnam

Hosted by Post and Telecom Institute of Technology (PTIT) under Ministry of Information and Communication, Hanoi

- Certified IoT Security
- Was conducted from 14<sup>th</sup>-18<sup>th</sup> Oct 2019
- The training was conducted by Professor Emeritus Dr. Sureswaran and Dr Navaneethan.
- Around 10 participants attended this workshop.



Workshop - Indonesia

## Hosted by University of Brawijaya – Malang

- Certified IoT Security
- Was held from 9<sup>th</sup>-13<sup>th</sup> Dec 2019
- The workshop was attended by the students from University Brawijaya and University Technology Petronas.
- The training was conducted by Associate Professor Dr. Omar Amer Abouabdalla.
- Around 30 participants attended this workshop.



Workshop - India

**Hosted by ERNET INDIA (Autonomous Society under the Ministry of Electronics and IT), Chennai**

- Certified IoT Security
- Was held from 9<sup>th</sup>-13<sup>th</sup> Dec 2019
- The training was conducted by Associate Professor Dr. Selvakumar Manickam
- Around 23 participants attended this workshop.



## Workshop - Vietnam

### **Hosted by Vietnam Internet Network Information Center (VNNIC) under (Ministry of Information and Communication), Hanoi**

- Certified IPv6 Deployment over 5G Network
- Was conducted from 6<sup>th</sup>-10<sup>th</sup> Jan 2020
- The training was conducted by Professor Emeritus Dr. Sureswaran and Dr Navaneethan.
- Around 18 participants attended this workshop.





## WORKSHOP - MORROCO

### Hosted by Faculty of Sciences and Technics of Mohammeda, University Hassan II, Casablanca

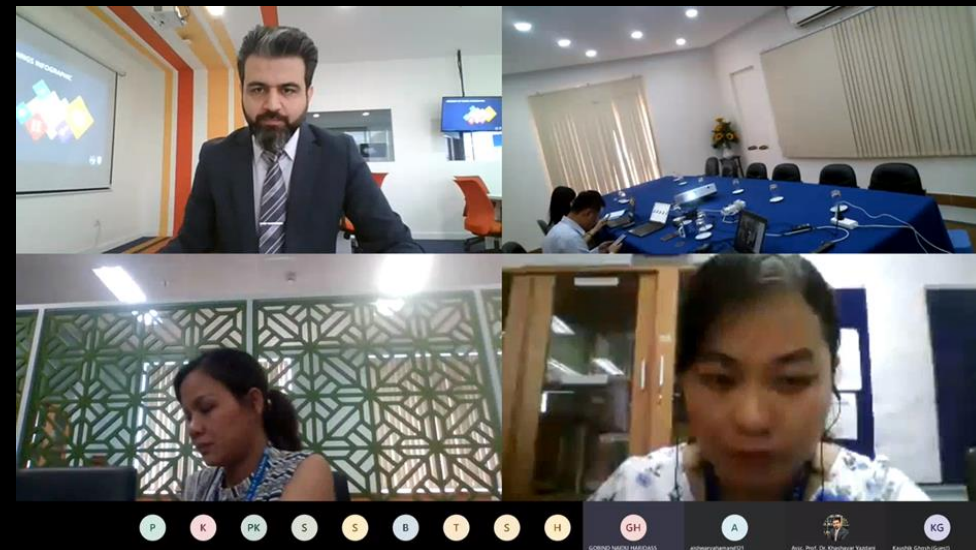
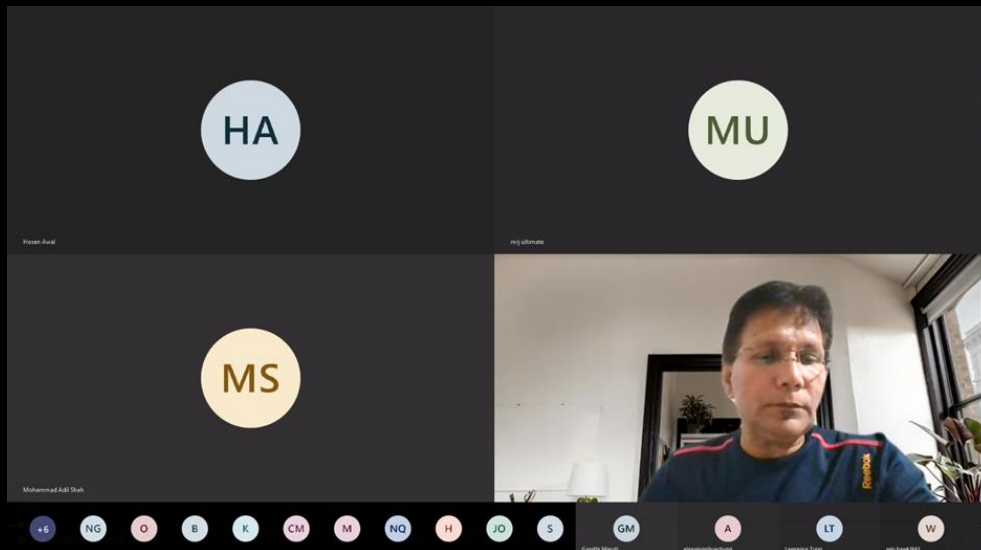
- Certified IoT Security
- Was held from 3<sup>rd</sup>-7<sup>th</sup> Feb 2020
- The training was conducted by Professor Emeritus Dr. Sureswaran and Dr Navaneethan.
- Around 23 participants attended this workshop.



# ONLINE WORKSHOP

## Hosted by Malaysia University Science of Technology (MUST)

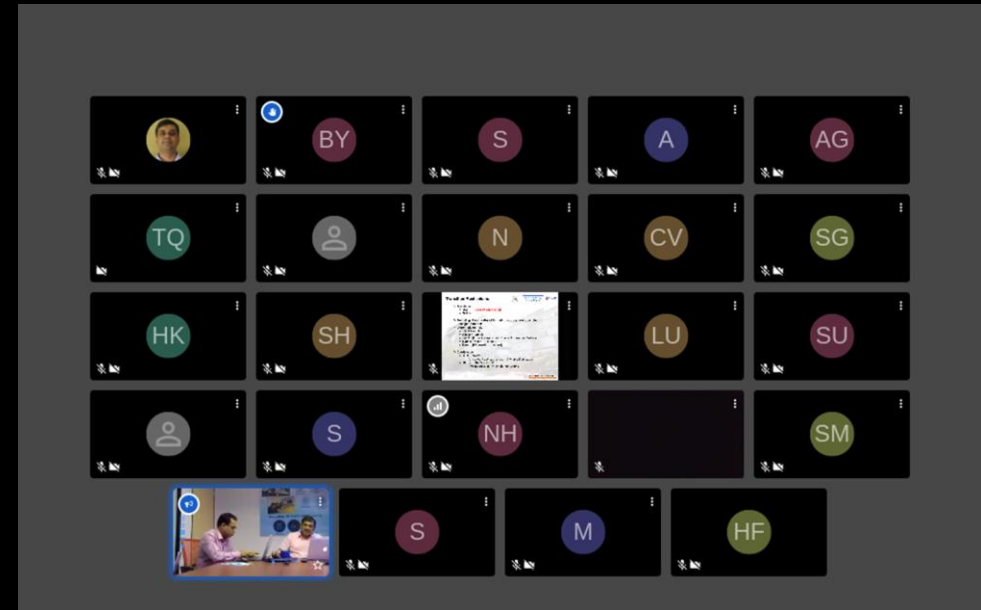
- Certified Industry 4.0
- Was held from 20<sup>th</sup> – 23<sup>rd</sup> July 2020
- The training was conducted by Prof Dr Premkumar Rajagopal and Associate Professor Dr Khashayar
- 24 Participants from Malaysia, Vietnam, India and Sri Lanka have attended this course.



# ONLINE WORKSHOP

## Hosted by Malaysia University Science of Technology (MUST)

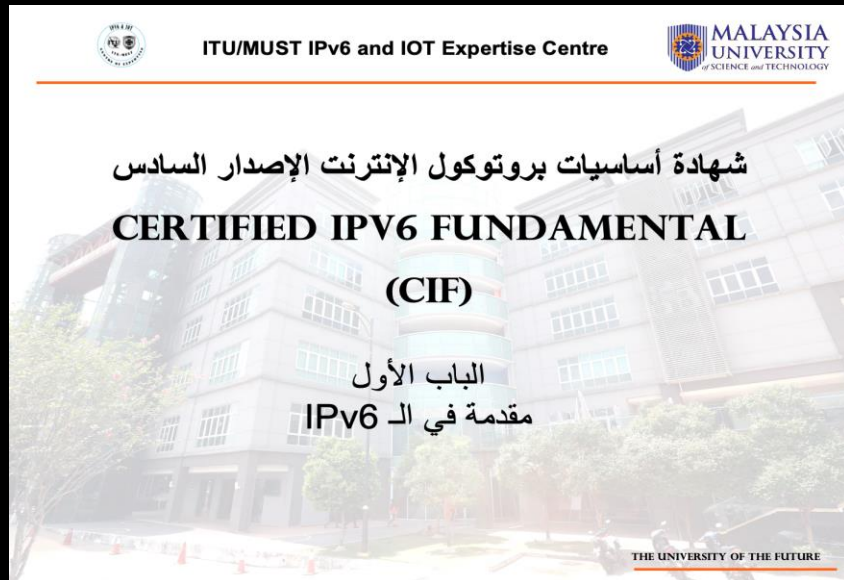
- Certified IPv6 Fundamental
- Was held from 27<sup>th</sup> – 30<sup>th</sup> July 2020
- The training was conducted by Professor Emeritus Dr. Sureswaran and Dr Navaneethan
- 24 participants from Malaysia, Singapore, Vietnam, India and Sri Lanka have attended this course.



# ONLINE WORKSHOP

## Hosted by Malaysia University Science of Technology (MUST)

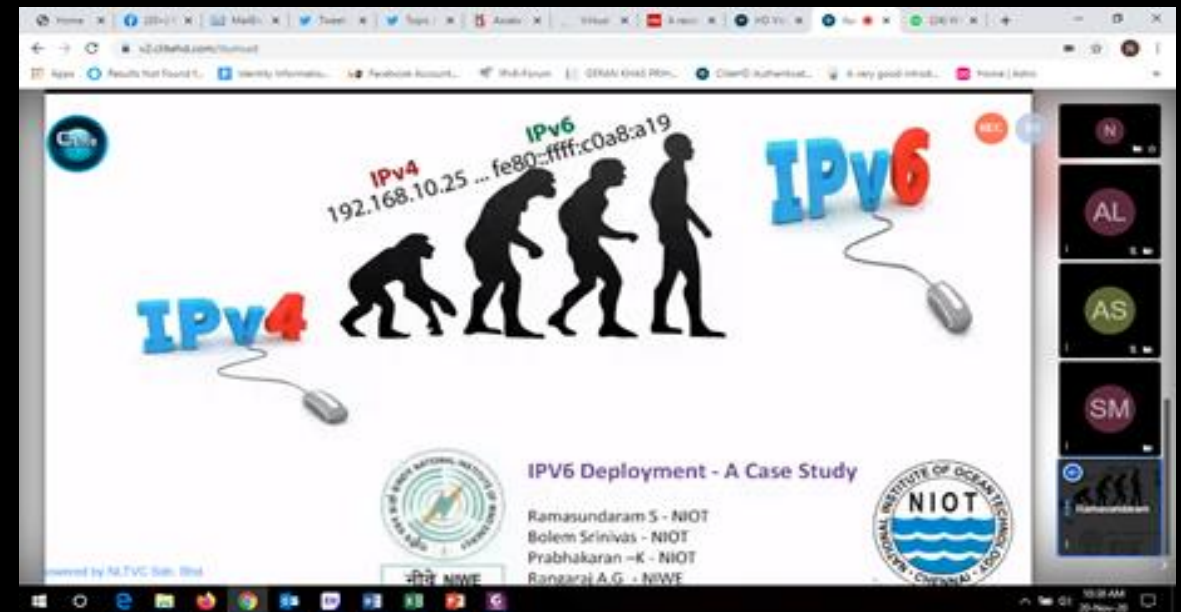
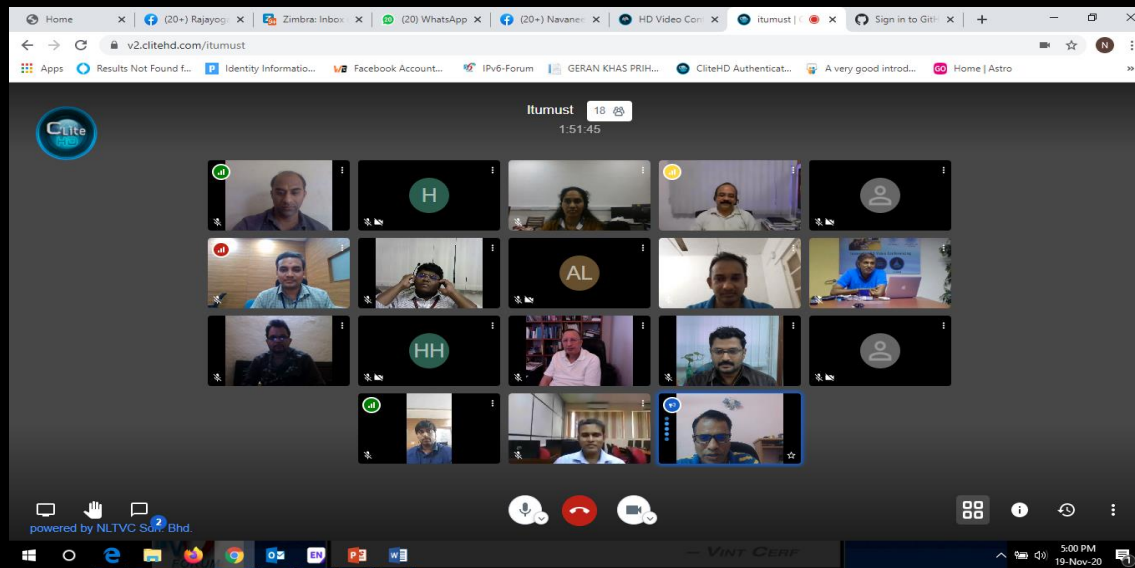
- Certified IPv6 Fundamental in Arabic
- Was held from 19<sup>th</sup> – 22<sup>nd</sup> October 2020
- The training was conducted by Assoc Professor Dr Omar Abouabdalla and Mr Hafez
- 17 Participants from Sudan, Morocco, Yemen, Egypt, Turkey, Iraq, Saudi Arabia and Qatar have attended this course.



# ONLINE WORKSHOP

## Hosted by Malaysia University Science of Technology (MUST)

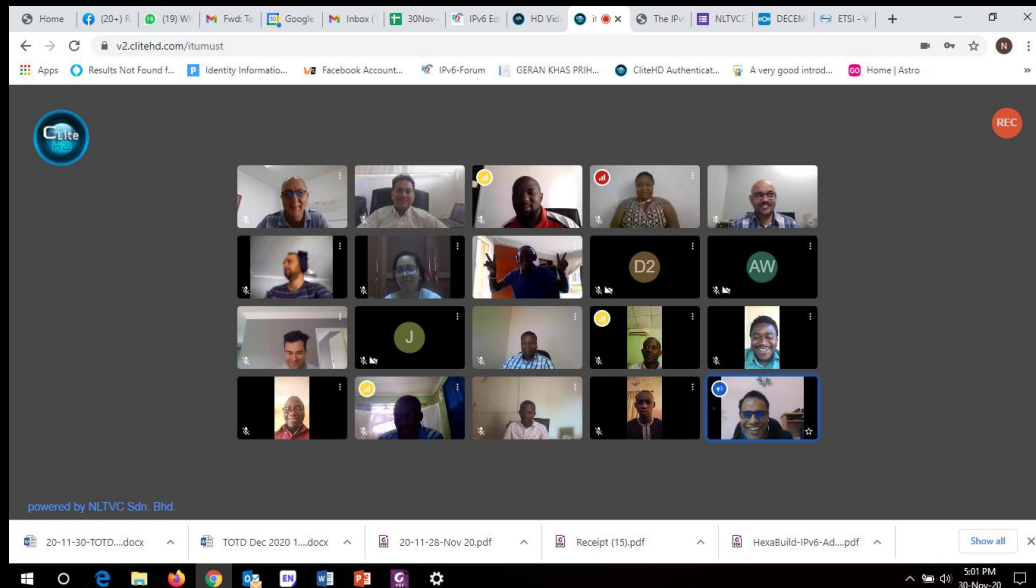
- Certified IPv6 Fundamental
- Was held from 16<sup>th</sup> – 20<sup>th</sup> November 2020
- The training was conducted by Professor Emeritus Dr. Sureswaran and Dr Navaneethan
- 20 participants from Malaysia, Singapore, India, Sri Lanka and South Africa have attended this course.



# ONLINE WORKSHOP

## Hosted by Malaysia University Science of Technology (MUST)

- Certified IPv6 Fundamental
- Was held from 30<sup>th</sup> November – 4<sup>th</sup> December 2020
- The training was conducted by Professor Emeritus Dr. Sureswaran and Dr Navaneethan
- 16 participants from South Africa, Bostwana, Nigeria, Mauritius, Uganda, Kenya and Ghana have attended this course.



A screenshot of a presentation slide titled "IPv6 software readiness evaluation". The slide features a table with the following data:

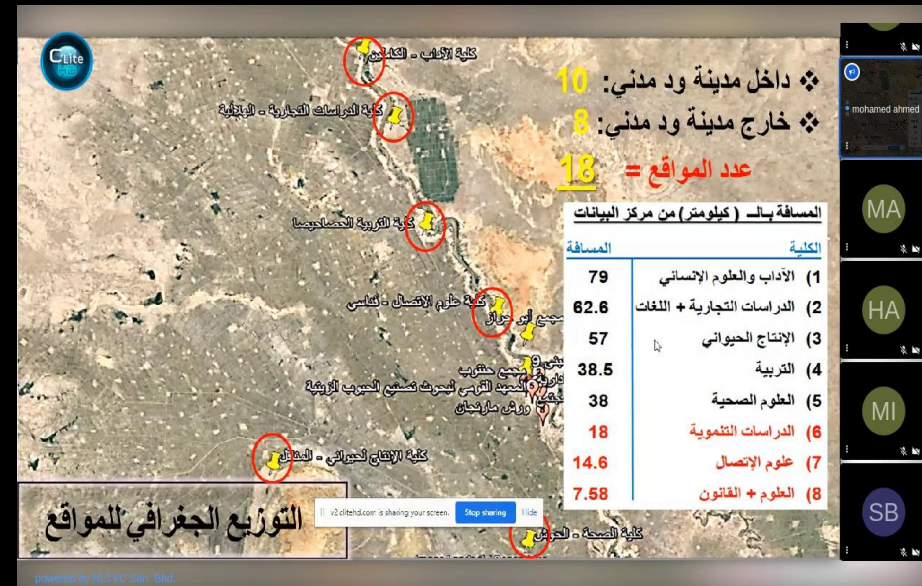
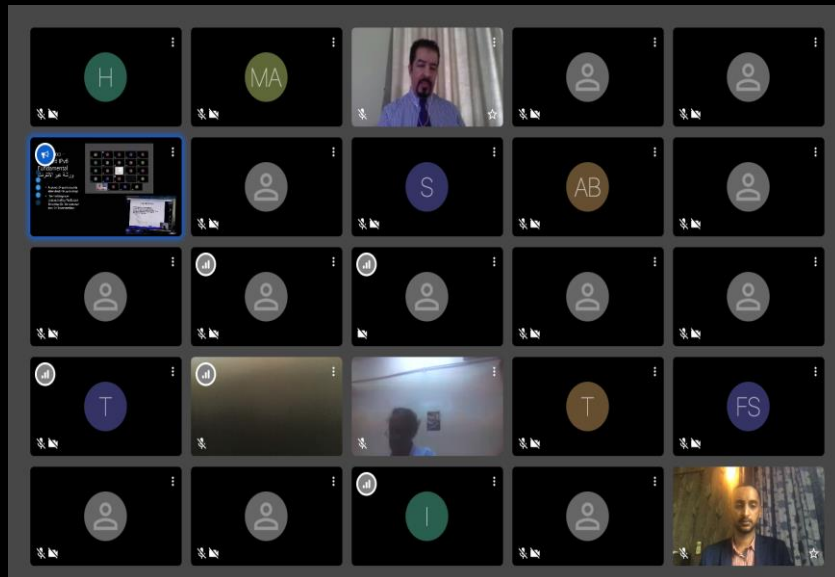
Hardware	Qty	IPv6 Ready?	Comments
Oracle & front App PMS	4	NO	1. To run dual-stack
POS & Database	15	NO	1. To run dual-stack
MS Office desktop	>100	Yes	
MS Office 365	>25	To evaluate	
Procurement system	2	NO	To run dual-stack
DC/AD/DHCP/DNS	6	Yes	
SaaS	>25	To evaluate each	To run dual-stack
File Servers	2	Yes	
VPN	>15	To evaluate	

The slide also includes a code block with configuration parameters for mirroring, such as `mirror_mod.use_x = true` and `mirror_mod.use_y = false`. The presentation is displayed in a browser window with the URL v2.citehd.com/itumust. The system clock at the bottom right shows 5:11 PM on 04-Dec-20.

# ONLINE WORKSHOP

## Hosted by Malaysia University Science of Technology (MUST)

- Certified IPv6 Fundamental in Arabic
- Was held from 6<sup>th</sup> – 10<sup>th</sup> December 2020
- The training was conducted by Assoc Professor Dr Omar Abouabdalla and Mr Hafez
- 19 participants from Sudan, Morocco, Tunisia, Algérie, Yemen and United Arab Emirates have attended this course.



Q and A



# ONLINE WORKSHOP

## Hosted by Malaysia University Science of Technology (MUST)

- Certified IPv6 Fundamental in Arabic
- Was held from 13<sup>th</sup> – 17<sup>th</sup> December 2020
- The training was conducted by Assoc Professor Dr Omar Abouabdalla and Mr Hafez
- 16 participants from Sudan, Morocco, Algeria, Libya and United Arab Emirates have attended this course.



Q and A