ITU Centres of Excellence Network for Arab Region

Sudatel Telecommunications Academy (SUDACAD)

Face-to-Face Training Course on
"Computer Aided Spectrum Management"

Khartoum, Sudan 17-19 December 2019

COURSE OUTLINE

COURSE DESCRIPTION

Title	Computer aided Spectrum Management
Method of delivery	Face-to-face
Objectives	• The goal of using computer-aided techniques Spectrum Management • Computer Spectrum Automation techniques
Dates	17-19 December 2019
Duration	3 Days
Registration deadline	9 December 2019
Training fees	USD 150
Course code	19WS24449ARB-A

LEARNING OUTCOMES

It is expected that upon completion of the training workshop, participants will be able to deal with:

- Computer Spectrum Automation techniques
- Spectrum management data and database management
- Computer Spectrum Automation Systems acquisition
- The goal of using computer-aided techniques Understanding.
- Guidance to spectrum managers in organizations.

TARGET POPULATION

- National Telecommunication Corporation (Radio Engineer, Project Managers and all related function etc)
- Radio Engineers and Manager of Audience, television, telecommunications companies and related radio name within any Organization.
- Network Engineers and Applications Developers
- Network Administrators
- IT Managers
- CTOs.

TUTORS/INSTRUCTORS

NAME OF TUTOR(S)/INSTRUCTOR(S)	CONTACT DETAILS
Mohammed Eltayib Ajib Jaber	Mohammedajib1982@gmail.com

EVALUATION

Participants will be evaluated according to:

- Active interaction in the group exercises and discussions;
- Planned Quizzes;
- Dedication in attending the sessions.

TRAINING SCHEDULE AND CONTENTS / AGENDA

Agenda (for face-to-face trainings)

Date for 1st day	Time; Start time	Topics/Activities
17/12/2019	09:00-9:30	Registration and class setup
	09:30-10:30	Radio Spectrum Management Background
	10:30-11:30	The benefits of automation of the spectrum management process
	11:30-12:00	ITU-R Recommendations
	13:00-15:00	Computer techniques For Spectrum management

Date for 2nd day	Time; Start time	Topics/Activities
18/12/2019	09:00-9:30	Day 1 review and recap.
	09:30-10:30	Spectrum management data and database management
	10:30-11:30	Spectrum management databases and database management systems
	11:30-12:00	Spectrum management data tables
	13:00-15:00	Electronic exchange of information for spectrum management

Date for 3rd day	Time; Start time	Topics/Activities
19/12/2019	09:00-9:30	Day 2 review and recap.
	09:30-10:30	Spectrum management system for developing countries
	10:30-11:30	Spectrum management intelligent system (SMIs)
	11:30-12:00	SPECTRA – Integrated and Automated Spectrum Management Solution
	13:00-14:30	SPECTRA – Integrated and Automated Spectrum Management Solution – Continue
	14:30-15:00	SMS conclusion

METHODOLOGY

- Instructor-Led Class Lectures and presentations– Slides.
- Reviews and Revisions.
- Case Studies.

TRAINING COORDINATION

Training Coordinator:	ITU Coordinator:
Eng. Mustafa Agab Seido Maragan Planning & Development Senior Manager SUDACAD Mobile: +249 120 120 070 Tel: +249 183 490 999 Fax: E-mail: agab@sudatel.sd	**Eng. Mustafa Al Mahdi** Associate Programme Officer ITU Arab Regional Office Tel: +202 3537 1777 Mobile: +20114 1177573 Fax: +202 3537 1888 Email: mustafa-ahmed.al-mahdi@itu.int

REGISTRATION AND PAYMENT

ITU Academy portal account

Registration and payment should be made online at the ITU Academy portal.

To be able to register for the course you MUST first create an account in the ITU Academy portal at the following address:

https://academy.itu.int/index.php/user/register

Training registration

When you have an existing account or created a new account, you can register for the course online at the following link: https://academy.itu.int/training-courses/full-catalogue/computer-aided-spectrum-management
You can also register by finding your desired course in our training catalogue https://academy.itu.int/index.php/training-courses/full-catalogue

Payment

1. On-line payment

A training fee of USD 150 per participant is applied for this training. Payments should be made via the online system using the link mentioned above for training registration at https://academy.itu.int/training-courses/full-catalogue/computer-aided-spectrum-management

2. Payment by bank transfer

Where it is not possible to make payment via the online system, select the option for offline payment to generate an invoice using the same link as above. Download the invoice to make a bank transfer to the ITU bank account shown

below. Then send the proof of payment/copy of bank transfer slip and the invoice copy to Hcbmail@itu.int and copy the course coordinator. All bank transaction fees must be borne by the payer.

Failure to submit the above documents may result in the applicant not being registered for the training.

3. Group payment

Institutional Contacts are users that represent an organization. Any student can request to be an institutional contact or to belong to any existing organization.

To do this, head to your profile page by clicking on the **"My account"** button in the user menu. At the bottom of this page you should see two buttons:

a. If you want to **become an institutional contact**, click on the "**Apply to be an Institutional Contact"** button. This will redirect you to a small form that will ask for the organization name. After you fill the name of the organization you want to represent, click on **"continue"** and a request will be created. An ITU Academy manager will manually review this request and accept or deny it accordingly.

b. If you want to **belong to an existing organization**, click on the **"Request to belong to an Institutional Contact"** button. This will redirect you to a small form that will ask you to select the organization you want to join from an organization list. After you select the correct organization, click on **"continue"**, a request will then be created. The Institutional Contact that represents that organization will manually accept or deny your request to join the organization.

ITU BANK ACCOUNT DETAILS:	
Name and Address of Bank:	UBS Switzerland AG Case postale 2600 CH 1211 Geneva 2 Switzerland
Beneficiary:	Union International des Telecommunications
Account number:	240-C8108252.2 (USD)
Swift:	UBSWCHZH80A
IBAN	CH54 0024 0240 C810 8252 2
Amount:	USD 150
Payment Reference:	CoE-ARB 24449 P.40592.1.06

1. **Other method of payment**
   If due to national regulations, there are restrictions that do not allow for payment to be made using options 1 & 2 above, please contact the ITU coordinator for further assistance.