

Seminar on Broadband Network Access Technology and Construction

Name	Seminar on Broadband Network Access Technology and Construction		
Organizer	Wuhan Research Institute of Posts and Telecommunications		
Time	2023-07-20 -- 2023-08-09	Language for Learning	English
Invited Countries	Developing Countries		
Number of Participants	30		
Requirements for the Participants	Age	Under 45 for officials at or under director's level; under 50 for officials at director general's level.	
	Health	In good health with health certificate issued by the local public hospitals; without diseases with which entry to China is disallowed by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular/cerebrovascular diseases and diabetes; without mental diseases or epidemic diseases that are likely to cause serious threat to public health; not in the process of recovering after a major operation or in the process of acute diseases; not seriously disabled or pregnant.	
	Language	Capable of listening, speaking, reading and writing in English during the training	
	others	Family members or friends shall not follow	
Host City	Wuhan City, Hubei Province	Local Temperature	summer 20°C-45°C
Cities to visit	Suzhou City, Hangzhou City	Local Temperature	summer 20°C-45°C, summer 20°C-45°C
Notes	<p>1. Participants should prepare suitable clothes and articles for daily uses for summer (such as sunscreen, umbrella and so on.);</p> <p>2. Participants are recommended to download and install the international version of WeChat before their arrival in China.</p> <p>3. Participants must prepare valid passports and visas before departure.</p> <p>4. Participants are not allowed to change any flight tickets. If necessary, participants should contact economic and commercial counsellor's office of the embassy of China in their countries. All expenses and consequences caused by any ticket change without consent shall be borne by participants themselves.</p> <p>5. In case of baggage missing, participants should contact our staff to confirm the address for baggage delivery before filling in the registration form at the airport.</p> <p>6. Participants are recommended to bring certain amount of commonly used medicines.</p> <p>7. Participants should prepare a report on the current situation of information and communication industry in their country.</p>		
Contact of the Organizer	Contact Person(s)	Ms. Zhang Huijuan, Ms. Tian Bingxiao, Ms. Zhou Jinfeng	

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About the Organizer	<p>Wuhan Research Institute of Posts and Telecommunications (WRI) is one of the two research institutes directly under Ministry of Posts and Telecommunications (predecessor of Ministry of Information Industry). It's one of the two foreign-aid training bases — communication training bases of Asia-Pacific Telecom Union (APT) — under Ministry of Industry and Information Technology, and the only qualified foreign-aid training base under Ministry of Commerce in the field of communications. In 2018, WRI (FiberHome Technologies Group)and Datang Telecom Group restructured and merged into China Information Communication Technologies Group Corporation (CICT). Now the company is the birthplace of China's optical communications, one of the main proposers of international standards for mobile communications, and is an internationally renowned provider of information and communication products and integrated solutions.Its business focuses on the following aspects:Optical Fiber Communication/Mobile Communication/Optoelectronics and Large Scale Integrated Circuits/Data Communication/Network Information Security/Intelligent Application.</p> <p>On April 26, 2018, President Xi Jinping visited our group company again and encouraged employees that core technologies and key technologies must be based on our own.On September 14, 2020, Han Zheng, Vice Premier of the State Council, visited our group company and encouraged the enterprise to maintain its focus, give full play to its potential, continue to grow stronger, better and bigger, enhance its competitiveness in the international market and expand the strength of Chinese manufacturing.</p> <p>Since 1994, authorized respectively by Ministry of Commerce, Ministry of Information Industry, Ministry of Foreign Affairs and Ministry of Science and Technology, WRI has organized more than 100 foreign-aid training projects, with about 5000 participants from over 100 countries of 5 continents. For more than a decade, WRI has been actively exploring new ways and integrating research into practice. The number of foreign-aid training programs administered by WRI has increased from one to more than 40 per year. WRI has become capable of organizing seminars for officials at department/division level. The seminars last from 10 days, 20 days to 3 months, offered in either English, French, Russian, Arabic , Spanish and Portuguese.</p> <p>Nevertheless, we will continue to make efforts and fully exploit our strengths and experience in terms of communication technologies and foreign-aid training so as to conduct characteristic, high-level and influential training projects, and make greater contribution to the implementation of national economic trade strategies of all countries.</p>	
Seminar Content	<p>The Main Content of the seminar is as below:</p> <p>1.Main Content of Seminar:</p> <ul style="list-style-type: none"> - Introduction to national conditions in China - Current situation and development trend of global ICTs - Operating principle of optical network equipment, equipment commissioning and operation - Development trend of optical fiber communication technology - Broadband optical network key technology, including GPON/XGPON key technology, OTN/100G OTN key technology, PTN/IPRAN key technology, ODN key technology; - FTTH network products and solutions - Planning and optimization of broadband network access - New technology of optical fiber cable and its application - Introduction to optoelectronic devices - Working principle of broadband network access equipment 	

- Information security in FTTH
- 5G mobile communication technology and its application
- Cloud computing and its application
- Big data and its application
- Internet of Things technology and its application in smart city
- Artificial intelligence and its application
- Application of optical fiber sensing technology
- Optical fiber communication technology and its application

2. Visiting

1 Visiting will be arranged in CICT group company to learn about the application of new information communication products and the application experience of new communication technology and system maintenance in China.

2 Visiting will be arranged in Hongxing company to learn about the application of mobile communication equipment, network optimization products and mobile value-added services .

3. Materials to be prepared by trainees

The participant need to prepare a country report (PPT version) . The content of the country report shall include: the basic information of your country the basic information of the information and communication industry of your country, and submit it to the organizer before the end of the seminar.