

Seminar on National Science and Technology Talents Training for Developing Countries Project Description

Name	Seminar on National Science and Technology Talents Training for Developing Countries		
Organizer	Guizhou Academy of Sciences		
Time	Sep.15 th —Sep.28 th , 2022	Language	English
Organizing method	Online training	Platform	Shiant International Training Platform
Invited Countries	Developing Countries	Number of Participants	30
Training Objectives	Through the training, the trainees can learn how to cultivate their own scientific and technological talents, improve the overall competitiveness and soft power of the country, and achieve social and economic development, so as to improve the actual production and management efficiency by relying on big data technology, lay a foundation for future work, and promote cooperation and exchange with China.		
Requirements for the Participants	Professional Background	-- Field or specialty: Scientific research, talent training, government management and big data fields -- Job posts: executives in enterprises, government staff, professors in universities and researchers in scientific research institutions -- Level, academic degree or other relevant qualification requirements: None --Years of working in a relevant field: Experience in a relevant field or major	
	Age	Age requirements for online projects: the age of participants should not be higher than the legal retirement age of the recipient country.	
	Health	Good health and be able to attend online training on time	
	Language	Capable of listening, speaking, reading and writing in English for lecturing	
	Others	Able to use the Shiant International Training Platform to complete the project schedule.	
Seminar Content	Commissioned by the Ministry of Commerce of the P.R. China, Seminar on National Science and Technology Talents Training for Developing Countries will be held by Guizhou Academy of Sciences from Sep.15 th to Sep.28 th , 2022. The Main Content of the seminar is as below: 1. Main Content of Seminar:		

- (1) Big data security profile: invite network security experts from Guizhou University to introduce the basic profile of network security.
- (2) Analysis on the current situation of big data security at home and abroad: experts from Guizhou University are invited to introduce the current situation of network security at home and abroad for analysis and exchange.
- (3) How to protect data security under big data: network security experts from Qianxin group, a large Chinese network security enterprise, are required to introduce how to ensure digital security under big data.
- (4) Virology and network confrontation: experts are invited to introduce the development of network viruses and related technologies for virus prevention, introduce the basic knowledge of network security confrontation, and exchange and discuss the situation of various countries.
- (5) Introduction to network security law and data security law: invite experts to introduce China's network security law, data security law and other laws and regulations related to network security, and discuss with students how to promote national network security construction and strategic planning from the legislative level.
- (6) Introduction to Guiyang National big data security shooting range: the first big data security shooting range in China and its important role in training network security talents will be shown to the students through cloud visit and PPT introduction.
- (7) Introduction to big data security protection of mobile Internet: experts are invited to introduce how to protect individual and collective data security in the mobile Internet era;
- (8) Introduction to data security protection of key core infrastructure: through introduction to relevant laws and regulations and application in agriculture, industry, energy and other industries, students can understand how key core infrastructure can ensure big data security;
- (9) Introduction to Blockchain technology: experts from the Institute of software, Chinese Academy of sciences are invited to introduce what blockchain is, what characteristics it has, and its core concepts.
- (10) Introduction to the sovereignty chain: experts from the Institute of software of the Chinese Academy of sciences are invited to introduce their R & D and other sovereignty chains and their application scenarios.
- (11) Innovative application of blockchain: invite leaders of big data bureau to introduce innovative applications of blockchain and big data in Data Trading and other fields.
- (12) Introduction to cryptography and asset encryption: experts from Guizhou University are invited to introduce the outline of cryptography and the typical application of cryptography in asset encryption.
- (13) Introduction to China's national conditions: introduce the basic situation of China to the students through history, culture, politics, diplomacy, language, recent current affairs and other dimensions;
- (14) Sharing China's poverty alleviation experience: introducing China's experience and

achievements in lifting all people out of poverty and moving towards a new stage of development;

(15) Sharing of China's anti epidemic experience: introducing China's experience in combating the COVID-19 and the touching stories that took place during the period.

2.Introduction of Online Training Platform

During the seminar, Shiant International Training Platform will be adopted. A combination of online lecturing, online discussion and VR cloud visiting will be adopted in the course program.

3.Introduction of part of lecturers of the seminar

Li Danning, professor, big data expert and database expert;

Li Dan, associate professor, software engineering expert;

Chen Kai, professor, big data expert, software engineering expert;

Wang Yajie, associate professor, big data expert;

Liyucheng, associate professor, Internet of things expert;

Zhang Shun, master degree in Britian, is a researcher in the field of artificial intelligence and intelligent manufacturing;

Zhang Huijiang, professor, expert in remote sensing and UAV;

Zhao Weiquan, professor, expert in remote sensing and UAV;

Shuang Zhong, associate professor, informatization and smart tourism expert;

Li Qianshu, associate professor, information automation and system evaluation expert;

Song Gang, associate professor, informatization expert;

Xie Feng, professor, food safety big data expert.

Zhou Hongying :professor, national flower industry expert;

Niefei: professor, national fruit industry expert;

External experts such as:

Shi Lei: Director of Foreign Experts Bureau of Guizhou Provincial Department of science and technology;

Chen Ji: Director of policy and regulation department of Guizhou Provincial Department of science and technology;

Jing Yaping: Director of Guizhou Big Data Management Bureau;

Lv Jinsong: Director of the Medical Security Bureau of Guizhou Province

Other experts come from leaders and experts from the Provincial Academy of Agricultural Sciences, the Provincial Academy of Social Sciences, Guizhou University, and the Provincial Department of human resources and social security.

4. Materials to be prepared by trainees

Before the start of the seminar, participants need to contact the person of the organizer in advance to get the relevant link of platform registration and complete the registration;

5. Final test/assessment

The participants' daily log-on data of the platform, the completion of the quiz after each

	lecture, and the submission of questionnaire will be used as the basis for the issuance of the training completion certificate.		
Host City	Guiyang City, Guizhou Province	Cloud Visit Cities	Guiyang City, Guizhou Province Tongren City, Guizhou Province
Notes	<p>1. Disciplinary requirements: Please strictly abide by the training course schedule.</p> <p>2. Participants are required to prepare relevant materials for the seminar according to the schedule, and submit relevant electronic materials as required.</p>		
About the Organizer	<p>Guizhou Academy of Sciences has undertaken the foreign aid training program of the Ministry of Commerce since 2003. In the past 19 years, it has undertaken 29 foreign aid training programs, training 1040 government officials and technicians from 91 developing countries and regions. It is the only unit with foreign aid training qualification in Guizhou Province.</p> <p>Guizhou Academy of Sciences, based in Guizhou Province, is a comprehensive demonstration area of big data in China. It has advantages over other provinces in big data application research and high-tech application demonstration. Over the past 18 years, Guizhou Academy of Sciences has always focused on computer software and hardware, network technology, cloud computing, information security and big data technology, carried out foreign aid training, accumulated a number of teaching resources, carried out close cooperation with Guizhou University, Guizhou Institute of technology, Guizhou University of Finance and Economics, Guizhou Normal University, Guizhou equipment manufacturing college and other universities, and worked with the Provincial Department of industry and information technology, the Department of education, the Department of science and technology, the Department of Commerce, the Provincial Foreign Affairs Office, the Federation of industry and commerce The Department of human resources and social security and other departments jointly guarantee the selection of field investigation sites of projects, and have business contacts with important cloud computing and big data enterprises in the province, such as aerospace cloud network, cloud Beidou, cloud Guizhou, etc. front-line teachers and investigation and visit sites can be arranged.</p> <p>Guizhou Academy of Sciences has 16 scientific research institutes, including Provincial Institute of new technology, Provincial Institute of electronics, provincial Electromechanical Research and Design Institute and guike big data research institute. The hospital has nearly 1200 employees. It has built a large pilot base in shawen, Guiyang, and carried out application bases such as 3D printing technology, LIMS laboratory platform management and intelligent manufacturing technology application. In recent years, in order to accelerate the informatization work, our institute has established a new scientific research institution: guike big data research institute, which comprehensively accelerates the development of data enabling and innovation driven. Focusing on the existing data resources and technical advantages, we have built a number of excellent cloud platform applications such as ecological cloud, building materials cloud,</p>		

	<p>chemical security cloud, smart agriculture cloud and smart tourism cloud.</p> <p>Guizhou Province has obvious late development advantages. Its experience of using information technology to achieve rapid development can provide reference and reference for more developing countries. As the only comprehensive scientific research institution in Guizhou Province, Guizhou Academy of Sciences has the concept and technical achievements of integrating industry, University and research, which is more conducive to the realization of the purpose of setting up foreign aid training projects. At present, the Institute has established friendly relations based on foreign aid training, established cooperative relations with universities and scientific research institutions in Laos, Pakistan, Sri Lanka, Cuba, Panama, Dominica, Venezuela, Ghana, Nigeria and other countries, and carried out various forms of cooperation and exchanges with countries along the "the Belt and Road".</p>	
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