

Training Course on Agricultural Nano-Biotechnology for Developing Countries

Name	Training Course on Agricultural Nano-Biotechnology for Developing Countries		
Organizer	Hubei Vocational College of Bio-Technology		
Time	2024-10-10 -- 2024-10-30	Language for Learning	English
Invited Countries	Developing Countries		
Number of Participants	25		
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 metal 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 <u>training</u>	
	others	Family members or friends shall not follow	
Host City	Wuhan City, Hubei Province	Local Temperature	Wuhan: 14°C – 26°C
Cities to visit	Guangzhou City, Guangdong Province Nanjing City, Jiangsu Province	Local Temperature	Guangzhou: 17°C – 35°C Nanjing: 10°C – 28°C
Notes	<p>1. Participants must prepare valid passports and visas before departure. If you are unable to depart on time due to special circumstances, or if there is a flight delay during a transfer, please contact the project contact person to inform them of the latest flight status.</p> <p>2. Participants are not allowed to change any flight tickets by themselves. 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>3. Please make sure whether you need to re-check in your luggage during the transfer process; When you arrive at the destination airport, after picking up your luggage, please wait patiently at the international (or domestic) arrival exit. Our staff will pick you up with our name written on a tag. If waiting for more than 15 minutes, please contact the organizer.</p> <p>4. In case of losing baggage, participants should contact our staff to confirm the address for baggage delivery before filling in the registration form at the airport.</p> <p>Participants should pay attention to local temperature and prepare suitable clothes and articles for daily uses and formal occasions;</p>		
Contact of the Organizer	Contact Person(s)	Ms.Fan Yan, Mr.Guo Jinsong	
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About the Organizer	<p>Hubei Vocational College of Bio-Technology, founded in 1958, is subordinate to Hubei Provincial Department of Agriculture and Rural Affairs, and is one of the earliest units in China to host the Technical Cooperation among Developing Countries (TCDC) program. Since 1990, the college has successfully implemented 110 foreign-aid training projects sponsored by China Ministry of Commerce and 27 bilateral training courses sponsored by IFAD project for Egyptian agricultural officials. 3070 officials and technicians from 130 countries have attended training in the college. We have successively organized 29 bilateral training programs for 17 developing countries, including Niger, Namibia, Bangladesh, Tajikistan, Mali, Afghanistan, Uzbekistan, Lesotho, Chad, South Sudan, Kazakhstan, Ethiopia, Cambodia, Pakistan, Burkina Faso, Antigua and Barbuda, Mozambique and implemented fruitful bilateral communication and cooperation.</p> <p>The college actively serves the BRI Initiative, insisting on the combination of management training and practical technical training from the actual needs of participating countries. Training contents cover ten major fields such as Crop Planting, Livestock Breeding, Processing of Agricultural and Animal Products, Eco-agriculture, Protected Agriculture, Agricultural Biotechnology, Agricultural Management, Agricultural Information Services, Digital Agriculture and Digital Economy. Training language covers English, French, Russian, Arabic and Portuguese; The participants come from 129 countries of five continents, and more than 80% of them are local government cadres at the department level or above, as well as university teachers and technicians of the National Agricultural Research Institute.</p> <p>From 2006 to 2007, the college was awarded the honorary title of “Advanced Unit of Foreign Economic Cooperation of Hubei Province” by the Department of Commerce of Hubei Province for two consecutive years. In 2020, “Seminar on Eco-Agriculture Management” and “Seminar on Protected Agriculture Management” of the college were awarded as the first batch of classic projects of foreign-aid training.</p>	
Seminar Content	<p>Entrusted by the Ministry of Commerce of People’s Republic of China, organized by Hubei Vocational College of Bio-Technology, Training Course on Agricultural Nano-Biotechnology for Developing Countries will be implemented from Oct. 10th to Oct. 30th, 2024. The main contents of this training are: A General Review of China, China’s Poverty Alleviation and Rural Revitalization, Current Status and Strategic Planning of Nanobiotechnology in Chinese Agriculture, Fundamentals of Nanotechnology and Its Applications in Agriculture, Plant Nanobiotechnology and Eco-Agriculture, Light Converting Nanomaterials for the Improvement of Plant Photosynthesis, Nano-enabled Plant Stress Tolerance, Smart Agriculture and Nanosensors, Construction and Application of Nanopesticide Delivery Systems for Plant Protection, Nano-enabled Agrochemicals in Sustainable Agriculture, Environmental Implications and Agricultural Applications of Nanotechnology, Biosafety Assessment of Crop Nano Regulatory Agents, Translation Regulation Mechanism of Nanotechnology Improving Crop Stress Resistance, Safety, Regulation and Socioeconomic Impacts of Nanobiotechnology, Agricultural Applications and Stress Resistance Mechanisms of Fluorescent Nanomaterials, Mechanism of CeO₂ Nanomaterials to Improve Salt Tolerance of Cucumber, The Mechanism of Nanotechnology Improving High Temperature Tolerance and Quality of Rice, Self Powered Perception and Quality Detection of Rapeseed Nano Motors etc.</p> <p>Experts and scholars on agricultural technology will be invited to give the lectures mentioned above. The way of combination of room lecture, case study and practice will be applied to this training and participants will be invited to take practical field visits out to Guangzhou City of Guangdong Province and Nanjing City of Jiangsu Province so as to know more successful experience of China’s agricultural nanobiotechnology and better understand what they learn in the room lectures.</p>	