Seminar on Machinery Industry Management for Developing Countries

Program name	Seminar on Machinery Industry Management for Developing Countries						
Organized by	Jilin University						
Time	2025-	10-24 2025	5-11-06	I	Language used	English	
Countries invited	Developing Countries						
Planned 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 condition	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 competence	Capable of listening, speaking, reading and writing in English during the training					
	others	Family members or friends shall not follow					
Venue	Changchun, Jilin Province Weather conditions 5°C~15°C						
Cities to be visited	Shanghai City		Weather cond	itions	Shanghai City:10°C~25°C		
Remarks	1 □ Please prepare materials related to the program theme for discussion and exchange; 2 □ Please bring formal attire for official activities; 3 □ Please bring a small supply of any personal medications you commonly use; 4 □ Please bring your laptop/computer, as these will not be provided during the program; 5 □ Changing of arrival and departure flights is generally not permitted. If absolutely necessary, please contact the Economic and Commercial Office of the Chinese Embassy in your country to request ticket changes following the proper procedures; 6 □ In case of departure delays due to special circumstances, or flight delays during transit, please promptly contact the Economic and Commercial Office or the designated contact person of the organizing institution to provide the latest flight information, so that appropriate pickup arrangements can be made; 7 □ Please check whether you need to retrieve and recheck your luggage during layovers on your way to China. 8 □ After retrieving your luggage upon arrival in Changchun, please wait patiently at the international or domestic arrival exit. Staff members will meet you with signs displaying your names and "Jilin University". If waiting time exceeds 15 minutes, please contact the organizing institution's contact person;						
	9□We recommend you download and register for the WeChat app before your journey.						

Contact information of the organizer	Contact person for the program	Ms.Li CHUNYI, Mr.HAO CHUNBO		
	Office phone	0086-431-85166657(Ms.Li), 0086-431-85166657(Mr.HAO)		
	Mobile phone	0086-18604311537(Ms.Li), 0086-15526653438(Mr.HAO)		
	Fax	0086-431-85166570(Ms.Li), 0086-431-85166570(Mr.HAO)		
	E-mail	lichunyi@jlu.edu.cn(Ms.Li), 51447873@qq.com(Mr.HAO)		
	Address	Office 622, Dingxin Building, 2699 Qianjin Street, Changchun City, Jilin Province, China		
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Jilin University (JLU) is a national key comprehensive university under the direct administration of China's Ministry of Education. Located in Changchun, Jilin Province, the university was founded in 1946, and designated as a national key university in 1960. In 1984, it was one of the first group of 22 Chinese universities to set up graduate schools. JLU is proud to be one of China's elite "Project 985" institutions, and among the first in China to be part of the "Double First-class Initiative" for building world-class universities.

With the motto "Truth, Innovation, Aspiration", JLU upholds the development strategy of "building JLU through academics, empowering it through talents, revitalizing it through innovation, invigorating it through openness, and glorifying it through culture." It endeavors to become a center of excellence for cultivating innovative talents, conducting cutting-edge research and encouraging its application, providing high-quality social service, fostering international collaboration, and promoting progressive values. JLU strives to be a university that nurtures well-rounded students, inspires pride in its faculty, earns societal respect, and achieves international recognition. By its centenary in 2046, JLU aspires to be recognized as a world-class university with distinctive Chinese characteristics.

About the Organizer

With 47 academic units, the university offers programs across 13 major disciplines, including philosophy, economics, law, education, literature, history, science, engineering, agriculture, medical science, management, arts, and interdisciplinary disciplines. JLU has 121 bachelor degree programs, 49 first-level authorized doctoral programs, 6 first-level authorized master degree programs, 25 authorized master degree programs, 11 authorized doctoral degree programs, and 8 authorized degree programs for emerging interdisciplinary disciplines. It also has 48 post-doctoral research stations. According to the Essential Science Indicators (ESI), the university has 19 disciplines ranked among the global top 1%, 5 of which in the top 0.1%, and 1 in the top 0.01%.

JLU boasts an outstanding faculty comprising of 6,299 members, including 2,442 professors. Among them are 12 members of the Chinese Academy of Sciences and the Chinese Academy of Engineering, 7 distinguished professors of philosophy and social sciences, and 21 members of the Academic Degrees Committee of the State Council. The university hosts 525 nationally recognized talents, 175 provincial "Changbai Mountain Scholars" and "Changbai Talent Plan" recipients, and 990 university-level "Kuang Yaming/Tang Aoqing Scholars".

JLU is now home to 7 state key laboratories, 1 major national science and technology infrastructure, 1 national university science park, 1 Belt and Road joint laboratory, 1 national engineering laboratory, 6 national-local joint laboratories, 1 national engineering and technology research center, 4 international science and technology cooperation bases, 1 national base for applied mathematics, 1 China top think tank, 2 national 2011 collaborative

innovation center,1 research base for fostering a strong sense of community for the Chinese nation, 1 national collaborative research center for revolutionary relics, 6 humanities and social science key research bases under the Ministry of Education, 1 philosophy and social science key research base under the Ministry of Education, 18 key laboratories under the Ministry of Education, 2 joint laboratory of international cooperation under the Ministry of Education, 4 joint collaborative innovation centers under the Ministry of Education and that of Jilin Province, 1 field science observation station under the Ministry of Education, 1 innovation center under the Ministry of Education for basic medical research, 25 key laboratories under other ministries of China, and 1 Jilin laboratory. JLU has undertaken a great number of research projects at both national and provincial level, generating considerable scientific achievements with good prospects for industrialization and technological advancement.

The university offers a comprehensive educational pathway from undergraduate to doctoral studies. Current enrollment stands at 75,454 students (72,152 full-time and 3,302 part-time), including 151 preparatory students, 41,949 undergraduates, 22,814 master degree students (19,982 full-time and 2,832 part-time), 9,678 doctoral degree students (9,208 full-time and 470 part-time), and 858 international students.

JLU prioritizes global partnerships and has established cooperative relationships with 313 universities and research institutions in 43 countries and regions. Among these partners, 50 are ranked among the world's top 100 universities, and 76 among the top 200. The university has built 49 international collaborative platforms with universities and research institutions in 19 countries, cementing its position in the global academic community.

1.Main Training Content

Commissioned by the Ministry of Commerce of the People's Republic of China, Jilin University will host the "Seminar on Machinery Industry Management for Developing Countries" from 24 October to 6 November 2025. This program is designed for government officials of developing nations and will be conducted entirely in English, requiring participants to demonstrate English proficiency.

The training program will cover topics including bionic machanical manufacturing, intelligent development of agricultural machinery, and smart manufacturing systems. It aims to help participants understand the development trends of smart manufacturing in China and broaden their global perspectives through lectures and discussions on the current state of China's manufacturing industry, intelligent manufacturing, and bionic manufacturing. The program seeks to cultivate more outstanding talents for the smart manufacturing sector.

The program will combine training sessions with field visits and cultural experiences. By facilitating discussions on global manufacturing trends, it seeks to strengthen communication and dialogue among participants, foster multilateral exchanges on current developments in worldwide smart manufacturing, and promote mutual learning through an integrated, experience-sharing, and interactive approach.

Training content

2. Visits (Subject to adjustments due to circumstances)

The program features carefully curated site visits. Destinations include an elementary school in Yitong Manchu Autonomous County, where participants can gain firsthand insights into Manchu cultural heritage as well as China's contemporary educational innovations; the Former Imperial Palace of Manchukuo, where they can explore a painful section of modern Chinese history; Changchun Sanding Transformer Corporation, where they can examine advanced manufacturing trends; and Jilin Yuedong Steel Structure Group to observe industrial engineering excellence.

At Jilin University, participants will visit the Norman Bethune Medical Memorial Hall to learn about the humanitarian legacy that continues to inspire Chinese-international relations, followed by the Geological Palace Museum, where the extensive collection serves as a platform for understanding the intersection of scientific research, education, and cultural preservation.

3. Information on Lecturers of main courses China Today - Associate Professor Zhang Leisheng, JLU School of Marxism
Bionic Machinery Manufacturing - Professor Guo Li , JLU School of College of Biological and Agricultural Engineering&Key Laboratory of Bionic Engineering (Ministry of Education)□
The Theory and Practice of Xi Jinping's Thought on Socialism with Chinese Characteristics in the New Era - Research Center for Ideological and Political Education Professor Jiang Fei Northeast Normal University
Chinese Traditional Music Appreciation - Professor LÜ Jingzhi□JLU School of College of Arts□
Intelligent Advancement of Agricultural Machinery - Professor Guo Li , JLU School of College of Biological and Agricultural Engineering&Key Laboratory of Bionic Engineering (Ministry of Education)□
Cutting-Edge Advancements in Fuel Cell Technologies -Associate Professor Zhang Chunwei□JLU School of College of Mechanical and Aerospace Engineering□
Frontiers in the development of Multi-material Fiber Thermal Drawing Technology -Professor Wang Zhe, JLU School of College of Mechanical and Aerospace Engineering
Strategic Development of Intelligent New Energy Vehicles - Professor KIM Yingai ILU School of College of Automotive Engineering
Teaching vs. Practical Application - Professor Xu Nan□JLU School of College of Automotive Engineering□
Safety and Protection of Lithium-Ion Batteries - Associate Professor Xiao Yang□JLU School of College of Mechanical and Aerospace Engineering□
4. Others The training program features a diverse range of interactive learning formats, including case study analyses and immersive cultural experiences. Participants will explore current

The training program features a diverse range of interactive learning formats, including case study analyses and immersive cultural experiences. Participants will explore current developments and emerging trends in smart manufacturing fields while engaging in substantive discussions about strategic opportunities and pressing challenges facing nations in today's international environment.