

**KIM JONG UN**

**ON FURTHER DEVELOPING  
SCIENCE AND TECHNOLOGY**

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WORKING PEOPLE OF THE WHOLE WORLD, UNITE!

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**Let Us Usher in a Great Golden  
Age of Construction by Thoroughly  
Applying the Party's Juche-oriented  
Idea on Architecture  
(Excerpts)**

Letter to Those Attending the Grand Short Course  
of Officials in the Construction Sector

*December 8, 2013*

...

Construction science and technology should be developed onto a higher stage.

Science and technology are an engine which drives constant advances in construction, and the shortcut to the great golden age of construction is to rapidly develop science and technology in this sector.

The scientists and technicians in the construction sector should have the national pride and scientific faith that they will beat the world and should make the best use of the knowledge and talents they have acquired under the care of the Party, so as to provide a scientific and technological guarantee for and push ahead with the grand construction campaign for the country's prosperity and the people's well-being. They should further develop architectural design and building work on the basis of intensive research

into structural diagrams, scientific methods of calculation and advanced methods of building work which are appropriate to the actual conditions of our country and may lead the world. They should strive to ensure the domestic production of building materials, and increase their variety and improve their quality so that they can compete with world-class ones. They should also make proactive efforts to develop and introduce modern and more efficient equipment, machinery and tools.

Emphasis should be put on training scientific and technological personnel in the construction sector. Today, when the heyday of construction is being led into a great golden age for the new century of the Juche era, talented designers and architects are in growing demand. Pyongyang University of Architecture is the base for training talented personnel in Juche-oriented architecture and an outpost in building a civilized socialist country. The university and other educational institutions in the construction sector should put education on an informatized, modern and advanced basis as demanded by the era of the knowledge economy, combine theory with practice, and teaching with productive labour, and guarantee the best conditions and environment for teaching so as to increase the number of able designers and architects who are fully equipped with the Juche-oriented idea on architecture. In order to produce able personnel who are talented in construction science and technology and can render a contribution to building a thriving nation, it is important to select promising people and

send them abroad to study and for internships and effectively organize refresher courses for in-service officials.

A dissemination centre for construction science and technology should be built and widely used. A wide range of worldwide architectural data should be entered into the central database to enable the relevant organs to gain access to them through a computer network.

...

## **New Year Address (Excerpts)**

*January 1, 2014*

...

Science and technology are the engine for building a thriving country, and the happiness of the people and the future of the country depend on their development.

The scientific research sector should open up a shortcut to building a knowledge-based economy by solving the long-term problems in developing the country's economy and improving the people's standard of living, along with the scientific and technological problems arising in the actual situation, and by going beyond the cutting edge. All scientists and technicians should achieve outstanding results by skilfully riding the excellent "steed" provided to them by the Party and giving the fullest possible scope to their talents and enthusiasm. By doing so, they can become true patriots who contribute to building a thriving nation. A climate of acknowledging the importance of science and technology should prevail throughout society, and all officials and working people should diligently learn modern science and technology, upholding the slogan of making all the people well versed in science and technology.

...



**Let the Entire Party, the Whole Army  
and All the People Conduct a Vigorous  
Forest Restoration Campaign to Cover  
the Mountains of the Country  
with Green Woods  
(Excerpts)**

Talk to Senior Officials of the Party,  
the Army and State Economic Organs

*February 26, 2015*

...

We should direct close attention to developing forest science and technology.

We can successfully promote forest creation and conservation when we rely on science and technology.

Forest science institutes should study and solve the scientific and technological problems arising in tree breeding and in forest creation and conservation. They should focus on breeding and widely proliferating good tree species that are of economic value and suitable to the climatic and soil conditions in our country. Along with this, they should conduct scientific research for perfecting the methods of planting and tending trees as suited to the geographical features and actual conditions in our country. They should develop methods for planting trees all year round. They

should also solve the problems arising in creating forests on a planned basis and conserving and maintaining them.

We should take measures to introduce and widely disseminate the global achievements of advanced science and technology related to forest creation and conservation. As there are few good tree species in our country, we should bring in such trees from abroad and widely propagate them after acclimatizing them.

...

We should work effectively in disseminating forest science and technology among officials and the working people. As all the people are enlisted in forest creation and conservation, they should understand the methods of planting and tending various species of trees. Centres for disseminating science and technology have been established in various parts of the country; based on these centres, a brisk drive for disseminating forest science and technology should be conducted to keep people abreast of world trends in the development of forest science and technology.

In order to develop forest science and technology, we should build up the Academy of Forest Science. Some officials are now neglecting the work of building up this academy, claiming that the effort to develop forest science and technology takes too long to pay off. They should not do so. We should develop the Academy of Forest Science into a world-class academy. And we should also improve the forest science institutes in the provinces.

...

## **New Year Address (Excerpts)**

*January 1, 2016*

...

Our Party is steadfast in its determination and will to solidify the foundations of a thriving country by means of science and technology and, with them as the engine, achieve national prosperity. The scientific research sector should give priority to resolving the scientific and technological problems that arise in consolidating the might of our Juche-based industry, our independent socialist economy, and improving the people's standard of living, and strive to push back the frontiers of science and technology. Factories, enterprises and cooperative farms should build sci-tech learning spaces in a splendid fashion and operate them on a regular basis, so as to ensure that all the working people study the latest science and technology. We also need to establish a social climate of resolving any problems arising in the reality on the strength of science and technology.

...

# **Let Us Usher in a Golden Age of the Kimilsungist-Kimjongilist Youth Movement (Excerpts)**

Speech at the Ninth Congress of  
the Kim Il Sung Socialist Youth League  
*August 28, 2016*

...

Young people should become the vanguard and pioneer in building a sci-tech power.

In the present era of science and technology the competition of national strength is precisely the one of science and technology, and the future of our prosperous country depends on how hard our young people are striving, who are sensitive to the new and overflowing with creative wisdom and verve. They should stand in the vanguard of the competitions of the mind and of technologies to build a sci-tech power and glorify the days of their youth with valuable creations and feats, so as to bring forward the future of their prosperous country.

Young scientists and technicians, keeping their feet firmly planted on this land and looking out over the world, should devote their creative wisdom and enthusiasm to the campaign to surpass the cutting edge, with a view to raising

our country to the status of a sci-tech power as soon as possible. Young people should take the lead in making all the people well versed in science and technology, and become masters of invention and technological innovation, rendering a positive contribution to modernizing the production lines and ensuring the domestic production of raw materials, fuel and equipment. Students should learn hard and accumulate knowledge, always holding books in their hands, and thus prepare themselves to contribute to promoting national prosperity by developing cutting-edge science and technology.

...

## **New Year Address (Excerpts)**

*January 1, 2017*

...

The science and technology sector should concentrate its efforts on solving the scientific and technological problems that arise in modernizing factories and enterprises and putting their production on a regular footing with the main emphasis on ensuring the domestic production of raw materials, fuel and equipment. Production units and scientific research institutes should intensify their mutual cooperation, and enterprises should build up their own technological development forces and conduct a proactive mass-based technological innovation drive; in this way they can push forward economic development with valuable sci-tech achievements conducive to expanded production and the improvement of business operation and management.

...

## **New Year Address (Excerpts)**

*January 1, 2018*

...

A shortcut to developing a self-sufficient economy is to give precedence to science and technology and make innovations in economic planning and guidance.

The scientific research sector should, as a priority, solve the scientific and technological problems arising in establishing Juche-oriented production lines of our own design, in ensuring domestic production of raw and other materials and equipment, and in perfecting the structure of the self-supporting economy. Every sector and every unit of the national economy should contribute to achieving production growth by intensifying the dissemination of science and technology and waging a brisk technological innovation drive.

...

## **New Year Address (Excerpts)**

*January 1, 2019*

...

Talented personnel, science and technology are our major strategic resources and weapons with which to bring about a great leap forward in socialist construction.

The state should promote talent training and sci-tech development purposefully and increase its investment in them.

It is necessary to improve the quality of training talented personnel, who will shoulder the socio-economic development, by improving the teaching contents and methods in conformity with the world trend of developing education and pedagogical requirements. We should set a high goal of developing new technologies and concentrate our efforts on the research into core technologies of great practical and economic significance, so as to secure the tractive force of economic growth. We should also take institutional measures so that scientific research institutes and enterprises, in close cooperation, can boost production and technological development and enhance intellectual creativity.

...



**Policy Speech at the Seventh  
Session of the 14<sup>th</sup> Supreme People's  
Assembly of the Democratic People's  
Republic of Korea  
(Excerpts)**

*September 8, 2022*

...

It is the consistent policy of the government of the Republic to attach importance to education, science and technology, and public health, and to direct efforts to their development.

At present, we are badly in need more than ever before of a larger number of skilled individuals with practical abilities, as well as scientific and technological breakthroughs geared towards solving the actual problems we are facing.

The government of the Republic should put forward a talent strategy, a strategy of sci-tech development, as the core strategy for the comprehensive rejuvenation of the state, and give a powerful boost to its implementation.

...

The level and role of science and technology should be raised and the resources of technical talents should be effectively promoted and managed.

...

The development of science and technology requires that research means and talents should be made ready. So, nationwide attention should constantly be paid to the matter and substantial measures be taken to resolve it.

As I have emphasized time and again, the scientific research sector should guard strictly against the attitude of simply making up the numbers of research achievements. Rather, it should present proper sci-tech results, even if only a few in number each year, which are capable of actually shoring up the country's economy.

All sectors and units should regularly study and substantially review the operation of sci-tech learning spaces, which are important bases for making all the people well versed in science and technology, and should steadily step up the dissemination of science and technology so as to activate the mass technological innovation drive.

...

We need to make sure that sci-tech achievements are shared, absorbed and propagated, that good conditions are provided for gaining access to sci-tech data, and that outstanding units, scientists and technicians are given preferential treatment and recognition. This will help the climate of attaching importance to science and technology to pervade the whole society.

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