

WORKING PEOPLE OF THE WHOLE WORLD, UNITE!

# **KIM JONG IL**

## **ON RAPIDLY DEVELOPING SCIENCE AND TECHNOLOGY**

Talk to Students at Kim Il Sung University

*July 14, 1962*

**Foreign Languages Publishing House**

**DPR Korea**

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We should rapidly develop science and technology. This is the age of science and technology, so we will never advance the economy without developing science and technology. Moreover, developing science and technology is particularly important for our country, where the economy once lagged far behind owing to the colonial rule of Japanese imperialism.

Thanks to the seasoned leadership of our Party, great strides have been made in the field of science and technology. Our scientists and technicians, upholding the Party's policies, have solved by their own efforts the difficult and complicated scientific and technological problems that have arisen in postwar reconstruction and in laying the basis for socialist industrialization, and established a foundation for developing science and technology to a new stage. As you well know, our scientists, technicians and workers have built modern, large-scale blast furnaces, founded the vinalon industry and produced tractors, trucks, large excavators, cargo vessels and electric locomotives with their own technology, without relying on other countries. This proves that our science and technology have reached a considerably high level.

We should take due pride and dignity in this.

We cannot rest content with the successes already gained in the field of science and technology. Today, our country has entered the stage of achieving socialist industrialization and the all-round technological innovation of the national economy. In order to implement the resultant tasks, it is important to develop the country's science and technology as soon as possible. This is an important guarantee for dynamically pushing ahead with socialist economic construction in our country.

Today, our Party and people are faced with the pressing task of developing science and technology rapidly. This is something that can be done in our country. The advantageous socialist system established in our country, the wise leadership of our Party, the mounting revolutionary enthusiasm and creative vigour of the scientists and technicians who have been educated and trained in the embrace of the great leader Comrade Kim Il Sung, together constitute a firm guarantee for bringing about a radical turn in the development of the country's science and technology. We should overcome at the earliest possible date the backwardness of science and technology handed down through generations, and raise the country's science

and technology to the world standard in a shortest possible period of time.

For this, we need to train a lot of native technical personnel. If we do not have our own legion of scientists and technicians but rely on others, we cannot develop the country's science and technology rapidly.

Scientists and technicians play the core role in the rapid development of science and technology; material supply is also important, but what is decisive in developing science and technology is the creative role of the scientists and technicians.

Our country still has a shortage of scientists and technicians. Since the country's liberation, the Party's policy of training native technical personnel has been implemented with success, with the result that many technical personnel have been trained, but their number falls short of the needs of the developing reality.

Proceeding from the realistic demands for rapidly developing science and technology, our Party convened a plenary meeting of its Central Committee in August 1960, where it took an epochal step to improve the training of technical personnel. In line with the policy adopted at the plenary meeting, our country has developed regular higher education and the study-while-you-work higher education

simultaneously; this has brought about a fresh change in training native technical personnel. When the Seven-Year Plan is implemented, our country will have a large contingent of technicians and other specialists.

Along with training scientists and technicians in large numbers, the work of edifying them should be conducted in a proper way. Only then can they devote themselves heart and soul to developing the country's science and technology rapidly. Education in the Party's policies, revolutionary traditions, class consciousness and socialism should be intensified among them so that they can trust the Party and remain faithful to the struggle to accomplish the revolutionary cause of the working class, the cause of socialism and communism.

It is not accidental that such practices as seeking money or fame are manifested among the scientists and technicians in those countries where the revolution has been conducted for a long period. Such practices can be ascribed to their slighting of ideological education, and a stress on material incentives. If scientists and technicians know nothing other than money, they cannot develop science and technology that can genuinely serve their country and

fellow people. We do not need scientists and technicians who seek only money, fame and career development.

We should step up the education of scientists and technicians as required by developing science and technology so as to ensure that they make strenuous efforts to develop the country's science and technology rapidly.

Introducing advanced science and technology from abroad is an important way of developing the country's science and technology rapidly.

Science and technology are now developing at exponential speed in many countries. By reading scientific and technological bulletins, we can learn that lots of scientific and technological inventions are being made every year around the world. If the achievements of science and technology gained abroad are introduced here, we can not only save time but also economize on labour, materials and funds in developing science and technology. There is no need to waste time on developing the science and technology other countries have already researched. We should develop the country's science and technology by widely introducing the valuable achievements of science and technology from other countries.

Introducing foreign achievements in science and technology does not run counter to the demand of developing science and technology in a Juche-oriented way. Establishing a Juche orientation in the field of science and technology does not mean that we should not introduce science and technology from abroad, but we should avoid worshipping the big countries, and dogmatism. We should introduce the achievements of science and technology from other countries in a principled way to meet the interests of our revolution and the actual situation in our country.

In order to develop the country's science and technology by introducing the advanced science and technology from other countries, we should conduct extensive scientific and technological exchanges with the developed countries.

State investment should be increased in order to promote the rapid development of science and technology.

Our country has already invested heavily in science and technology, and increased the amount every year. When we build excellent research rooms and laboratories for scientists and technicians and provide them with sufficient modern experimental facilities and materials, they will achieve breakthroughs in their



work. Success in scientific research and the introduction of new technologies cannot be expected without investment.

Success in science and technology cannot be achieved in a few days. Some success can be achieved in a year or two, but mostly it is achieved after several decades. Therefore, we should always invest in this field in a far-sighted way. Officials of state and economic bodies should not be too stingy in investing in scientific research because they are only interested in immediate benefit, but be bold in investing in this field and steadily increase the amount of investment to meet the requirements for rapidly developing the country's science and technology.

Our country has bright prospects for developing science and technology. In the near future, it will overtake the developed countries in this field. The students at Kim Il Sung University should prepare themselves to be able personnel who are equipped with modern scientific and technical knowledge and practical ability in their university days, so as to make active contributions to rapidly developing the country's science and technology in the future.

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