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Supreme Leader Kim Jong Un meets Chinese foreign minister

Kim Jong Un, supreme leader of the Party, government and army of the DPRK, met China's Foreign Minister Wang Yi in Pyongyang on May 3.

Wang Yi who is also a state councillor was accompanied by his deputy Kong Xuanyou and Chinese ambassador to the DPRK Li Jinjun.

Kim Jong Un, chairman of the Workers' Party of Korea and chairman of the DPRK State Affairs Commission, exchanged warm greetings with Wang Yi, so pleased to see

him again over a month after his visit to China.

At the meeting, Wang Yi courteously conveyed the warm greetings Chinese President Xi



Jinping, who is also general secretary of the Central Committee of the Communist Party of China, sent to the Supreme Leader.

The Supreme Leader expressed

appreciation in return and asked Wang Yi to give his heartfelt regards and the best wishes of the Party, government and people of the DPRK to Xi Jinping and the fraternal

exchanged views on them.

He gave an affectionate hug to Wang Yi and said good-bye to him.

Chinese people.

They shared broad and in-depth views on inheriting and boosting the DPRK-China unity and the traditional ties of friendship and cooperation in an all-round way and on other matters of mutual concern such as the development and prospect of the Korean peninsula situation.

The talk proceeded in a comradely and amicable atmosphere.

Talking with Wang Yi, Kim Jong Un expressed great satisfaction over the fact that they reconfirmed the two countries' stands on important issues and

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MEETING

Joint meeting discusses ways to carry out decisions of Party plenary session

Party, government, economic and military officials met on April 30 in Pyongyang to discuss how to carry out the new strategic line Supreme Leader Kim Jong Un set forth at the Third Plenary Meeting of the Seventh Central Committee of the Workers' Party of Korea.

The joint meeting was presided over by Choe Ryong Hae, vice-chairman of the WPK Central Committee, and Premier Pak Pong Ju, who are members of the Presidium of the Political Bureau of the WPK Central Committee and vice-chairmen of the DPRK State Affairs Commission.

It was attended by senior Party and government officials, members of the Party Central Committee, Party and

administrative officials of the Cabinet, working people's organizations, ministries and national agencies, and those of local Party and power organs and major industrial establishments.

Present there were also Pak Yong Sik and other senior military officials.

Discussed at the meeting were such agenda items as to thoroughly implement the new strategic line of concentrating all energies on socialist economic construction and the important tasks of bringing about a revolutionary turn in science and education put forward by the historic April plenary meeting of the Party Central Committee.

Premier Pak Pong Ju delivered reports, in which he analysed

in detail the current economic situation and the actual state of science and education of the country and set forth the tasks to be carried out till the end of this year and the long-term goals.

He, in the report on the first item, described the new strategic line on concentrating all efforts on socialist economic construction the Supreme Leader put forward at the Third Plenary Meeting of the Seventh Party Central Committee as the scientific and realistic one which reflects most correctly the requirements of the developing revolution and the aspirations of the Korean people.

Referring to the marked progress made on the economic front in the nationwide efforts to carry out the Party's line

of simultaneously promoting economic construction and the buildup of the nuclear forces, he analysed and reviewed the defects of the sectors, which should have played a standard-bearer's role in implementing the five-year strategy for national economic development, but failed to make a breakthrough, thereby laying an obstacle to the advance of the overall economic sectors, and their causes.

He called for building a powerful socialist economy and radically improving the people's living standard by adhering to the new strategic line of the Party and enlisting all human, material and technical potentials of the country.

After his report, vice-premiers made speeches

to analyse and review the achievements and faults in the affairs of the sectors in their charge and came up with ideas and plans for concentrating all energies on socialist economic construction.

The speakers expressed their firm resolve to attain without fail the goals of the new economic strategy, holding aloft the militant banner of "Let us further accelerate the advance of our revolution by concentrating all our efforts on socialist economic construction!"

In the report on the second item, the Premier referred to the necessity to open up a broad avenue to building an economic giant and turn the country into

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LEADING ARTICLE

New strategy presents the rosy future

The Third Plenary Meeting of the Seventh Central Committee of the Workers' Party of Korea held on April 20 under the guidance of WPK Chairman Kim Jong Un declared a great victory of the Party's "simultaneous-push" line and set forth a new strategic line.

The Party's new strategic line is to concentrate Party-wide and nationwide efforts on socialist economic construction, now that the DPRK has emerged as a full-fledged world power in political, ideological and military terms.

Five years ago, the Party put forth a strategic line of pushing economic construction and nuclear arms buildup simultaneously in the March 2013 plenary meeting—given the requirements of the then situation and developing revolution.

It has advanced nonstop along the thorny path of the simultaneous push, braving trials and difficulties, out of

firm confidence in the validity of its cause and its people.

On the gigantic strength of the single-minded unity of the Party and people, the DPRK opened up a bright prospect that could give full play to the might of the self-reliant economy and made a notable achievement of putting the country's overall economy on an upward trend.

Thanks to the victory of the simultaneous-push line, the struggle of the Korean people who made strenuous efforts as they tightened their belt to equip themselves with a powerful treasure sword with which to protect peace has successfully been concluded, thus hoisting the flag of victory on top of an important strategic point that should be conquered primarily in building a prosperous socialist state.

Given that the DPRK has achieved a great victory of the simultaneous-push line, it is now

able to press on with economic construction as it wants and put the Korean revolution on to a higher stage.

By reflecting the requirements of such a historic period of developing revolution, the Party convened the April plenary meeting and made public a new strategic line for accomplishing the cause of socialist economic construction.

The Supreme Leader pointed to the need to launch a general revolutionary offensive, a dynamic campaign for economic construction, upholding such a militant slogan as "Let us further accelerate the advance of our revolution by concentrating all our efforts on socialist economic construction!"

The new strategic line epitomizes the noble intention of the Party that prioritizes, respects and loves the people.

The crucial decision on focusing all energies on

socialist economic construction showcases the Party's intention to translate their ideals and dreams into reality as soon as possible.

Self-reliance is the main core and spirit that run through the new line.

The Party has always held fast to the principle of Juche, independent stand, in leading the revolution and construction and Korean-style socialism won victory after victory by dint of self-reliance.

The Supreme Leader said in the plenary meeting that the spirit of self-reliance and science and technology are a powerful engine of socialist economic construction, adding that all units and sectors should build their capacity for self-development in a constant manner and bring about an upsurge and leap forward in production, upholding the slogan of self-reliance and self-sufficiency and relying on science and

technology.

The DPRK has myriads of service personnel and people who are faithful to the Party's ideology and cause, an army of scientists and technicians endowed with extraordinary creativity, and the foundation of the self-reliant economy immune to any upheavals.

The future of the DPRK is prosperous as it paves the way for prosperity with the inexhaustible potentiality and firm foundation as the basis.

The new strategic line serves as another powerful treasure sword, a bright blueprint, in ushering in a higher historic stage of the revolution and accelerating its advance.

Today, the Korean people are out in a general march for economic construction in high spirits with confidence and optimism that a brighter and rosier future is in store for them.

By Jong Sun Bok PT



Senior Party, government, economic and military officials meet in Pyongyang to discuss how to carry out the new strategy set forth at the Third Plenary Meeting of the Seventh WPK Central Committee.

Meeting: Joint meeting discusses ways to implement new strategic line

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an educational power and talent power by bringing about a revolutionary turn in science and education true to the noble intention of the Supreme Leader.

We need to turn the country's economy into a knowledge one by stepping up the campaign to put the national economy on a Juche, modern, IT and scientific basis, set a correct strategy for the development of science and technology and phased

goals and ensure strategic concentration in the planning and guidance of science and technology, he said.

It is very important to drastically strengthen the teaching force, widely introduce modern pedagogy and educational techniques and radically improve teaching contents and methods true to the Party's intention, he noted.

He specified detailed tasks to be tackled in increasing state investment in the fields of science and technology and education and establishing the habit of attaching importance to science and technology over the whole society

more firmly.

The speakers on the second item emphasized that it is important for each official to take charge of and resolve at least one problem arising in science and education and take the lead in making the habit of giving priority to science and education prevail in society.

Whenever speeches were made, Choe Ryong Hae, Pak Pong Ju and other presidium members pointed to the major faults and problems to be solved in their work.

Choe Ryong Hae concluded the meeting.

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VISIT

Chinese foreign minister visits DPRK

Wang Yi, state councillor and foreign minister of the People's Republic of China, visited the DPRK at the invitation of Foreign Minister Ri Yong Ho.

The Chinese top diplomat and his entourage visited the statues of President Kim Il Sung and Chairman Kim Jong Il on Mansu Hill in Pyongyang to pay their respects.

Talks were held between Ri Yong Ho and Wang Yi at the Mansudae Assembly Hall on May 2.

Present there were deputy foreign minister Ri Kil Song, Ku Pon Thae, vice-minister of External Economic Relations, and other Korean officials, entourage of the Chinese foreign minister, Li Jinjun, Chinese ambassador to the DPRK, and his embassy staff members.

Both sides had a serious discussion of matters of further boosting the bilateral ties of friendship and cooperation onto a new high stage on the basis of the agreement the supreme leaders of the two countries made during their historic meeting.

They also candidly exchanged their views on the Korean peninsula situation and other issues of common concern.

The talks proceeded in an amicable and sincere atmosphere.

That evening the DPRK government hosted a reception at the Mansudae Assembly Hall for the Chinese guests. During their stay Wang Yi and his party laid a basket of flowers at the Friendship Tower and visited the Ryuwon Footwear Factory.

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DPRK Foreign Minister Ri Yong Ho holds talks with Wang Yi, state councillor and foreign minister of China, at the Mansudae Assembly Hall.

CONSTRUCTION

Project for tourist zone progresses apace

A project is under way to develop the Kalma peninsula in Wonsan, Kangwon Province, into a tourist and holiday resort.

Myongsasipri, a beautiful sandy beach stretching 4 kilometres along the southeastern seaside of the Kalma peninsula, has been renowned as a scenic attraction since olden times. The silver beach sprawling along the coast, boundless expanse of water, thick pine forest and fresh and clean air blend in well with each other to provide an ideal place for tourism and holidaying. It is crowded with both local and foreign holidaymakers during holiday seasons every year. It has also seen international festivals in recent years, which added fame to the alluring seaside tourist resort.

A construction project is now in full swing in the area of the peninsula as part of a programme to develop it into a modern coastal tourist zone.

Lots of buildings are planned to be constructed in the vast coastal area including hotels and other lodgings, service amenities and public buildings. The project also include the construction of a several kilometre-long dyke, a bathing beach covering hundreds of thousands of square metres, and anchorage, as well as several ring roads for tourism along the coast. The development project will provide another comprehensive public cultural and recreation ground for tourism and vacationing in the middle areas of the country dotted with such renowned tourist attractions

as Mt Kumgang, Masikryong Ski Resort and seaside scenic attraction Songdowon.

Architects completed the exterior and interior designs of buildings in a novel and distinctive fashion on the principle of making all structures eco-friendly and go well with the surrounding natural environment in line with the world trend towards green architecture.

After launching the project on a full scale in mid-March, the builders carried out site clearing and the construction of sewage systems and roads simultaneously and have already completed the foundation work.

Now concrete work for superstructure is at its height at the construction site. The builders concentrate on ensuring the quality of construction by carrying it out correctly. At the same time millions of ginkgo, clove, zelkova and other good species of trees are planted over a wide area to ensure that landscaping is finished when the project is completed.

Priority is given to the supply of various building and other materials as well as all kinds of equipment by the relevant units.

“A golden glow of civilization has been cast over Myongsasipri. People will see a sea change in the Kalma peninsula in the near future,” said Kim Jong Chol, a site civil engineer in the project.

By Choe Kwang Jin PT

OFFSHORE CULTURE

Offshore culture widely promoted

There is every prospect of development of the country's fishing industry as offshore culture has been put on a scientific and industrial basis at a higher level.

Many offshore farming bases are increasing production every year by introducing scientific methods in keeping with their local features and conditions. Coastal fishery stations, in particular, have promoted shallow-sea cultivation on a large scale, thereby providing an ecological environment favourable for the proliferation and protection of marine resources and arousing great interest of environmentalists.

The Onchon Sohae Culture Station in Onchon County, Nampho, turned tidal flats covering an area of 1 000 hectares into a shellfish farm to raise income every year

and ensure good condition for marine ecology. “Managing the breeding ground in a clean and scientific way is directly related to production. Of course it takes much effort, but it is rewarding as much,” said manager Pak Song Jin. According to him, they have prevented the damage from blight caused by high temperature, a perplexing problem in raising shellfish, by means of locally-available raw materials and built a large-capacity culture ground for seed shellfish as an asset for increasing production without lopsidedness. In addition, they annually put into farming areas hundreds of tons of rubble stones and orange peel to better the living environment of shellfish.

The Wonsan Farming Fishery Service Centre creates artificial reefs in a far-sighted way in order to provide necessary

conditions for the growth of marine animals and plants. It has set the waters off Thongchon County as an artificial reef area and put in more than 100 faggots and huge stones per hectare. The completion of the reefs will make it possible to conduct the fishery of shellfish, trepang and sea urchin as well as seaweeds in a planned way and diversify the ecological environment of the surrounding water areas.

The Kyongpho Farming Fishery Station in Hongwon County, South Hamgyong Province, conducts mixed farming of seaweeds with mussel, trepang and ark shell to increase production. Thanks to the introduction of this method, the station, carried out its mussel production plan for this year by February and provided itself with conditions favourable for the revitalization of production.

Meanwhile, Sonchon and Tongnim counties in North Phyongan Province push the cage-net-based cultivation of jellyfish in a big way, and some fishery stations in North and South Hamgyong provinces press ahead with the inshore farming of salmon, walleye pollack and other fishes.

“Many coastal areas have definitely switched from the conventional fish farming relying on natural habitat condition to a scientific and industrialized farming,” said Kim Myong Jin, official of the Ministry of Fisheries.

By Chae Hyang Ok PT



AN CHOL RYONG

Employees of the Ongjin Offshore Culture Farm are busy gathering a rich harvest of kelp.

MINERAL

Magnesite, DPRK's 'white gold'

Korea has been called a treasure trove since olden times.

The DPRK has rich deposits of minerals and industrial raw material and fuel resources including iron ore, gold, silver, lead, zinc, magnesite, limestone, agalmatolite, kaolin, anthracite and lignite.

Among them, magnesite is globally outstanding in terms of deposits and grade.

According to surveys, it is mainly distributed in North and South Hamgyong provinces in the northeastern part of the country and its deposits amount to billions of tons, taking a large share in the world's magnesite deposits.

Nearly 90 percent of the total deposits are in the Tanchon area of South Hamgyong Province. A high-grade magnesite field

stretches from ground to deep into the underground. Fascinated by the inexhaustible ore body, foreign experts admire the place which is home to large-scale mining bases, namely the Tachung Youth Hero Mine and the Ryongyang Mine.

President Kim Il Sung visited the Ryongyang Mine in April 1961 and named the mountain with rich magnesite deposits Mt Paekum (white gold), saying the mountains in this area are all “gold mountains”. Since then, magnesite has been likened to “white gold” by the locals.

As the large open-air mines built on a huge magnesite mineral mass, the Tachung Youth Hero Mine and the Ryongyang Mine have large-scale stopes, open-air and underground.

The mines annually extract

millions of tons of minerals by using large mining facilities. The “flourishing mines” have good prospect in light of production capacity.

There are the Tanchon Magnesite Factory and other magnesite processing bases in the Tanchon area.

The Tanchon Magnesite Factory is the nation's powerful refractory producer.

It turns out dozens of kinds of quality magnesite products, especially magnesite clinker, light burned magnesite and electrocast magnesite clinker.

In the past, the factory laid a solid

foundation for qualitatively and quantitatively producing products that are highly demanded in the international market by making the fuel based on locally-abundant anthracite Juche-oriented. It also set up an atypical refractory process that relies on domestic raw materials to produce different kinds of quality atypical fireproof materials conducive to increasing the durability of metallurgical and heating furnaces and improving lining

execution remarkably.

It now flexibly changes the grade of products and the production structure based on grain size in keeping with the fluctuations in the world market. It also pushes the second- and third-stage processing.

The area has also Tanchon Port with millions of tons of cargo throughput. The demand for magnesite products is on the rise at home and abroad.

By Jong Hwa Sun PT



YUN KWANG HYOK

A large strip mine of the Taehung Youth Hero Mine in the Tanchon area of South Hamgyong Province.

CELEBRATION

May Day highlighted with sporting events

A national meeting took place at the Hwanghae Iron and Steel Complex on May 1 to mark the 128th anniversary of May Day, an international holiday of working people around the world.

Premier Pak Pong Ju, member of the Presidium of the Political Bureau of the Central Committee of the Workers' Party of Korea and vice-chairman of the DPRK State Affairs Commission, made a keynote speech.

Upon authorization of Supreme Leader Kim Jong Un, chairman of the Workers' Party of Korea, chairman of the DPRK SAC and supreme commander of the Korean People's Army, he extended hearty congratulations to all the working people across the country who dedicate their patriotic enthusiasm and efforts to the victory of the Juche revolution and the prosperity and development of the country, as well as warm greetings to the working masses in south Korea and all the overseas Koreans.

He also sent militant greetings and firm solidarity to those over the world who oppose aggression and war and fight for justice and peace.

He referred to the fact that the Korean working people have left an indelible mark of

noble loyalty and heroic feats in the history of struggle for the country's prosperity and the victory of the socialist cause under the warm care and trust of the peerlessly great persons who put them forward and brought them up to be the masters of the revolution and times.

He called on all the industrial establishments and farms to put production on normal track and have a bumper crop under a militant slogan "Let us further accelerate the advance of our revolution by concentrating all our efforts on socialist economic construction!" so as to make the people's laughter of happiness reverberate throughout the country.

Kim Yong Nam, member of the Presidium of the Political Bureau of the WPK Central Committee and president of the Presidium of the DPRK Supreme People's Assembly, and other senior Party and government officials and officials of Party and government organs visited the Jangchon Vegetable Cooperative

Farm in Sadong District, Pyongyang Thermal Power Complex, Hwanghae Iron and Steel Complex, Pyongyang Kim Jong Suk Silk Mill, Tacan Heavy Machine Complex, State Academy of Sciences and other institutions, factories, enterprises, construction sites and farms to congratulate workers, farmers and intellectuals on their holiday.

They met with labour innovators and encouraged them to make further efforts. They played a variety of sports and amusement games including tug of war with working people and saw art performances given by artistic groups.

That day, all the factories,

farms and scientific research bases were full of joy and optimism of the working people who enjoy a worthwhile life in their workplaces.

Meetings, performances and other events were held at the Hwanghae Iron and Steel Complex, Pukchang Thermal Power Complex, Pyongyang Kim Jong Suk Silk Mill, Chongsan Cooperative Farm in Kangso District and many other units.

Scientists and technicians of the State Academy of Sciences and other units also spent the holiday meaningfully with the mind to contribute greatly to building an economic giant and improving the people's livelihood by dint of sci-tech research hits.

Central art troupes gave performances at theatres, parks and pleasure grounds in Pyongyang and working people played sports and amusement games in different places.

By Jong Sun Bok PT



PAK KWANG HUN / THE PYONGYANG TIMES

Employees of the Pyongyang Electric Cable Factory 326 celebrate May Day with sporting activities.

GREENHOUSE FARMING

Advanced methods employed in greenhouse farming

Greenhouses covered with vinyl sheets or glass plates are now commonplace in the country. They are called "all-season green house" as they produce vegetables all the year round unaffected by mid-winter cold.

Among them is the Mangyongdae District Vegetable Greenhouse in

Pyongyang.

Dozens of arch-style vinyl sheet buildings covering an area of thousands of square metres stand in a row to present a sight to behold.

Each building unfolds a sea of vegetables with veg species they cultivate amounting to more than a dozen.

An unusual sight is the



PAK KWANG HUN / THE PYONGYANG TIMES

A woman sprays agrochemical onto cabbages at the Mangyongdae District vegetable greenhouse.

growing of cucumbers and tomatoes, which are known as mutually exclusive, in the same building.

Manager Kim Tong Chun attributes the success to the ensuring of proper temperatures.

Originally, the greenhouse selected fruit veg as its major crop. As such crops require temperatures above 11 degrees centigrade, the employees focused on building an efficient heating-free greenhouse by using stone materials that absorb and discharge heat sufficiently and ensuring double-layer insulation. This made it possible to normally ensure temperatures above 14 degrees though mercury dropped dozens of degrees below zero.

And no water drips from the ceiling thanks to the introduction of the water recycling and reuse system. According to a unique design, water drops that gather on vinyl sheets go down into the long pipes at the bottom and then into a water tank, and the

distilled water is said to be used effectively in the growing of vegetables.

They made the most of walls and spaces to hang soilless cultivation vessels in layers and applied dripping irrigation to ensure both aesthetic value and convenience. Every element of the buildings reflects the efforts they made to furnish the greenhouse efficiently so that it can make much profit.

The greenhouse now gathers well over a hundred tons of vegetables a year.

To add to the joy of good crop, they farm loaches in two 15-square-metre feeding grounds in each building. Crops are also cultivated on float there.

"The feeding grounds were not built by decreasing the cultivation area," said keeper An Song Ae. "The float-type dense cultivation has enabled us to double the area of crop farming and the use of fish excrement has increased crop yield 1.8 times."

The fruit and leaf vegetables and loaches thus produced are served as various dishes at a restaurant furnished in the greenhouse.

By Jong Hwa Sun PT

in brief

Stadium rebuilt in Sinuiju

Sinuiju Stadium has been rebuilt. It is fully furnished with such sporting facilities as a football ground covered with artificial turf, volleyball and basketball courts and a running track.

The reconstruction of the stadium has provided a better condition for developing football and other sports and ensuring mass-based sporting activities of people.

Exhibition of foodstuff

The 8th exhibition of products from provincial-level general foodstuff factories and a processed maize products show were recently held at the consumer goods exhibition hall of the Ministry of Local Industry.

On display were over 2 500 articles of foods and processed maize products in 45 kinds presented by more than 90 provincial general foodstuff factories and city and county foodstuff factories.

Nutritious candy and other products developed this year by the Songdown General Foodstuff Factory drew special attention of participants as more than 150 kinds of its exhibits were all perfect in terms of quality, packaging and trademark design.

During the shows, there were a visit to the Sonhung Foodstuff Factory and lectures on technical matters related to the improvement of quality of goods, ensuring of hygienic safety and making of sugar-free foodstuffs in line with the global trend.

New school year of vocational school for disabled starts



An opening ceremony of the 7th school year of vocational school of the Central Committee of the Korean Federation for the Protection of the Disabled took place on May 2.

Present there were officials of the KFPD Central Committee, new students, teachers, students and parents.

Vice-Principal Kim Pong Suk addressed the ceremony, which was followed by speeches.

Speakers referred to the worthwhile life of persons with disabilities who cultivate their talents and fulfil their hope thanks to the noble love for the people of the Workers' Party of Korea. They said they would arrange work scrupulously to improve educational conditions and environment of the school so as to bring about better results in vocational education for persons with disabilities.

The participants looked round lecture and practice rooms and saw the sports and amusement games of students.

By Yang Ryon Hui PT

EDUCATION

University updates distance education

Lecturers and researchers at the online college of Pyongyang Jang Chol Gu University of Commerce have achieved notable successes in improving the quality of distance education.

The college has built solid material and technical groundwork needed for online education, completed online teaching plans for over 90 subjects according to the curricula of online education and put educational contents on a practical, comprehensive and modern basis at a high level.

It pays particular attention to improving the quality of online education in practical skills and training in keeping with

the character of the university which focuses on practice and practical training such as cookery, service and clothes making.

On the basis of in-depth study of the whole course of service activities and service environment it has newly completed online teaching plans which help lecturers raise practical skills of students while directly contacting them.

It employs virtual reality technology to further enhance sensibility in all subjects of practical training.

It also encourages students to promote collaboration with lecturers in all forms of education

including practice, discussion, training and planning as well as lecture in order to increase contact between lecturers and students, real or unreal time.

A scholastic performance management program ensures students have access to lectures and guidance in real time in line with the actual situation of the online education course.

Programs include a commonsense study support system, goods supply organization simulation practice program and simulation programs for finance, accounting and banking. Written in plain language easy to be understood by students in in-service course, they are very effective in improving the practical ability of students.

Now thousands of students have enrolled at the online college of the university.

Kim Yong Sil, a 46-year-old head waitress at the Munsu Restaurant and third-year student of the course, invented methods of processing maize and peanut kefir and nutritive potato juice using ordinary raw materials by applying what she learnt at the college, to obtain certificates of registration of sci-tech hits.



PAK KWANG HUN / THE PYONGYANG TIMES

A lecturer at Pyongyang Jang Chol Gu University of Commerce gives an online lecture.

By Pang Un Ju PT

MEDICAL SERVICE

Cataract cure available with traditional medicine

Researchers of the ophthalmology lab of the Academy of Koryo Medicine have made notable achievements in research into the prevention and treatment of cataract in its early stage of development with Koryo medicine.

As senile cataract is complex in the outbreak and development and has some problems which remain unsolved, surgical operation was recommended rather than medication for its treatment.

However, An Yong Ran, head of the lab, Choe Il and other researchers have long been engaged in research into the treatment of cataract in its early stage with Koryo medicine on the basis of old records and the world trend of medical therapy.

Their painstaking efforts to develop new eye drops for the treatment of cataract with locally abundant natural medicinal materials finally bore fruit: they succeeded in making borneol cataract drops.

Their new medicine has

notable anti-oxidization and activity promoting effects on physiological and biochemical changes in the eye.

“Old records introduce that borneol is used to treat mental disorders, sharp membranes and various kinds of inflammation, and here the sharp membrane means corneal disorders and eye lens troubles. And sesame, one of the main ingredients of this medicine, acts on the liver and nerve to invigorate them. The medicine also has a very good effect on the Koryo medical variations of cataract,” said An.

While analysing its effect on human eyes through imitations according to the indexes of eye function, they proved in clinical practice that it has positive effects on improving eyesight much more than the previous cataract medicines.

On the basis of the results of single treatments of the two Koryo medicines they also established a treatment method to increase their effect by combining general and partial treatment.

With better treatment effect and shorter recovery period than the previous ones, their cataract treatment method based on the mixture of Koryo medicines attracts academic interest.

The method has 82 percent of treatment efficiency and 94 percent of eyesight improvement effect. It also increases average eyesight significantly and improves electroretinography to better eye function.

Their inventions were highly appreciated at several sci-tech symposiums and registered as a national sci-tech hit recently.

By Yun Kyong Il PT



KIM CHOL / THE PYONGYANG TIMES

Eye specialists give treatment to a patient with a new remedy at the ophthalmology lab of the Academy of Koryo Medicine.

PROFILE

Woman researcher gains top prizes four times

ChoeYongHui(pictured), PhD, won another February 16 Science and Technology Prize at the recent 15th awards ceremony.

The 51-year-old works at the Electric Power System Institute at Kim Chaek University of Technology.

Her solution to the control and management system of the gondola at the Masikryong Ski Resort earned her the country's top award for scientists and technicians for the fourth time.

Fifteen years ago, when she was teaching at the university, she made up her mind to devote herself to the research into power system and enrolled at the institute.

Only a few years into research, she managed to establish a voltage stabilizer, the first of its kind at home, for the UHP electric arc furnace to win her first February 16 prize. At the time she was a mother of a child less than ten years old.

She went on to work on a CNC load power management system, a project of great significance in easing the country's power shortage.

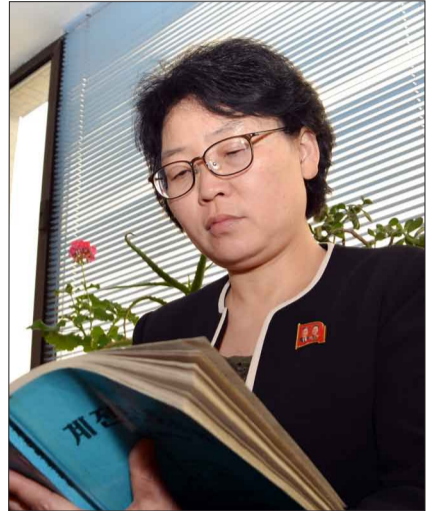
But nothing came easily. She encountered repeated failures, and she had even 11 shots at a device.

“I couldn't pull out because I understood well that the project was badly needed,” Choe recalled. “I pulled myself together at the thought the country was waiting for my success.”

Each time she suffered a failure and lost heart, she redoubled and grappled with the causes, and she finally found a short cut to success.

She had to juggle her research with the demands of a family. For most of the year she was forced to be away from home, leaving her daughter in the care of her husband, a university lecturer.

She visited many places around the country, including the Huichon Power Station, to find solutions to bottlenecks in industrial establishments.



PAK CHANG BOK / THE PYONGYANG TIMES

Once her research team was assigned to resolve dozens of technical problems arising in the completion of the Masikryong ski resort project and its operation.

Foreign technicians proposed setting up a monitoring system for the resort's distributing substation, but they demanded lots of money in return for their technical services.

Choe took on a project for a real-time monitoring system of the substation that is responsible for the electricity supply and management. And she was also instrumental in introducing a card service system, a skiing match assessment system and other innovative ideas.

Notably, when a problem related to controlling the ski lift cropped up ahead of the inauguration of the resort, she gave answers to the mechanical composition and operational principle of the gondola, making it possible to install equipment and finish the control system in a unique way.

“Her achievements are more than the outcome of her remarkable credentials and efforts. They are the fruits of a patriotic response to the clarion call for taking a quantum leap forward instead of following in others' footsteps,” said Kim Tok Su, director of the institute.

The government has honoured her with the country's top award for scientists in recognition of her devotion to strengthening the independence and Juche orientation of the national economy and improving the people's living standards.

Her husband Ryo Jong Sam is chief of a department at Pyongyang Medical College of Kim Il Sung University, and he played his part in the project for an eye electrophysiological testing system.

Both Choe and her spouse were awarded the February 16 prize at the same time this year.

When congratulated by people, Choe says: “The journey of research must be a pursuit of national prosperity, not of a personal fame.”

By Jong Sun Bok PT

ART

Exhibition showcases development of industrial design

A national industrial design exhibition on the theme of "Heyday in the development of Juche-based industrial design" is going on in Pyongyang as part of the celebrations of the Day of the Sun.

On display are thousands of pieces of designs, products and models presented by the creators of the Korean Industrial Design Studio and the similar institutions in provinces who play their part as pathfinders in developing the country's economy and improving the people's living standards, as well as enthusiasts and lecturers and students in the creation sector.

The largest-ever show is featured by radical development of exhibits which combine users' convenience with national colour and modern aesthetic taste on a high level.

Eye-catchers include

designs which contribute to increasing the might of politico-ideological power in every way, especially those for decoration of monumental structures, metro car, 80hp tractor, 5-ton lorry, trolley bus and backpack satchels that suit ages and sexes.

The designs of a two-person sledge and a lawn mower presented by the Pyongyang Municipal Industrial Design Studio, those of a sightseeing helicopter and a table-tennis ball launcher by the North Phyongan Provincial Industrial Design Studio and the one for battery-powered two-person car by the North Hwanghae Provincial Industrial Design Studio are much favoured by visitors as they are practical and vividly mirror the aesthetic demand of the locals.

A caterpillar combine harvester design created by Ri

Kum Chol, an official at the North Hwanghae Provincial People's Committee, is attracting the interest of experts since it is furnished with a caterpillar shifter for ensuring continuous work in sloping and swampy land to suit the specific conditions of the country and designed to harvest and clean rice while adjusting the height of rotary classifying device to that of small crops.

The design of multifunctional tractor geared to ploughing, levelling and excavating the ground is also a crowd-puller for its practical value and high feasibility.

New forms of costume designs, trademarks and

advertisement designs incorporating plastic arts and artistic features for the industrial and commercial sectors, and logo designs for the sectors of education, science, public health and sports are also popular with the viewers as they reflect the aspirations, demands and aesthetic tastes of the times and intensively represent the plastic arts of calligraphic style and the characteristics of objects.

"I feel as if I'm standing on the shore when I see decorative designs of the Wonsan-Kalma coastal tourist area as they

make the best use of ornamental effects by dint of sea fish, shellfish, sailing boat and other shapes in line with the specific features of the coastal area," said Jong Sun Nyo, a resident living in Sosan-dong, Sosong District, Pyongyang.

"In particular, I think the designs of child shoes, hard vessels, multifunctional furniture with decorative chest and wall-decorating stone patterns with natural effect have fully reflected the taste and demand of us housewives," she added.

By Jong Tang Song PT



Viewers look at the industrial designs with interest.

KCNA

RIDING

Riding club hosts horse racing

The Spring Amateur Riders Competition took place at the Mirim Riding Club in Pyongyang on April 22 and 29.

Sponsored by the DPRK Equestrian Association, the event drew its members and other amateurs.

Riders competed in steeplechase, pony amusement game and race.

Spectators raised cheers and gave warm applause whenever players showed bold yet dexterous techniques as they jumped over bars by dint of good skills.

A demonstration by kindergarteners and a schoolchildren's pony amusement game also attracted the attention of viewers.

Riders drove their horses in high spirits, now ahead and now behind, by fully displaying high skills they had honed through

ordinary training to add pleasure to the spectators.

There was also a lottery as to the race of riders of the riding club.

At the award ceremony, rankings were announced and prizes awarded.

Ho Ye Gyong, student at Kumsong Middle School No. 2, won the steeplechase, Pak Se Hun, student at Sagok Junior Middle School in Taedonggang District, Pyongyang, came first in the amusement game and Mun Hyok, researcher at the State Academy of Sciences, took the first place in the race.

The competition served as a good occasion for promoting the Korean nation's excellent riding custom with time-honoured tradition.

Compiled from KCNA



Riders put spurs to their horses.

KCNA

R&D

New types of sterilizers developed

Efficient sterilizing devices have been developed at the nano materials institute of the State Academy of Sciences.

One of them is a new type of intelligent hand sterilizer which has overcome the defects in the previous hand sterilizing process. The old one mainly used chloric or alcoholic disinfectants and was considered imperfect in terms of convenience and sterilizing power as it had to pass through a drying process and was relatively short in disinfecting time. In case of using chloric disinfectants, in particular, their evaporation caused environmental pollution, triggering heated debate on their use.

Such practical requirements urged the researchers to

develop a new hand sterilizer, which produces 100 percent sterilizing effect within 30 seconds after putting hands into it and integrates both hand sterilizing and drying processes.

Nano silver water is used as the disinfectant and nano silver is as fine as passing through glass. The device lengthens the sterilizing period several times more than the previous disinfectants and has no negative impact on human health and environment as it uses natural disinfectant, nano silver water.

Researchers also made a nano silver water-making device, which produces 2 litres of nano silver water per hour by electrolyzing high-purity silver. The intelligent hand sterilizer and nano silver water maker are estimated to work for over 20 years. They have now widely been introduced into many production and research units in public health and agricultural sectors, winning favour with customers.

Another one is the hypochlorous acid water-making device, which is popular among the users. It is a highly efficient device that makes hypochlorous acid water with high sterilizing power and neutralizing effect of cyanide by electrolyzing salt water.

It saves 2.5 times more cost than making it by chemical

method as it uses locally abundant raw materials and consumes less electricity. As it is so designed to generate high-concentration active chlorine in a short time, it has a very high productivity and can use positive electrode for decades without change.

Divided into large, medium and small ones so that they can be used according to purpose and application, hypochlorous acid water produced can be used effectively at all units which need sterilized water including public health, animal husbandry, vegetable greenhouses and families. It is especially effective in the process of detoxicating cyanide waste water at industrial establishments.

It is very useful in several aspects such as full sterilization without long-time churning as it is relatively high in dilution effect and has instant detoxicating reaction. Lots of hospitals, nurseries, kindergartens and public catering and service amenities have introduced and benefited from it.

The institute is now working on further improving technical specifications of their recent developments and provides active technical service to introduce them into more units.

By Choe Kwang Jin PT

US

Mind your own affairs

The US is widely advertising “north Korea’s human rights issue”, much upset by the U-turn in the Korean peninsula situation created by the DPRK’s consecutive and proactive measures.

Talking about “north Korea’s human rights issue” during a meeting with Japanese prime minister Abe, the US chief executive bragged that “it is now high time to resolve the issue”. The White House insiders also said that they have great interest in the issue and that they would inform Trump of relevant information to reflect it in the north Korea policy.

In the country reports on human rights practices for 2017, the US Department of State let loose a string of invective against the DPRK including “human rights infringement” and “unstable force”.

The “human rights” racket hyped by the US is, in essence, an open denial and a preposterous vilification of the DPRK’s system.

In the DPRK, where the state takes care of the people’s livelihood in a responsible manner and everything serves the masses of the people, there can be no “human rights” issue. Everybody lives in perfect harmony, helping and leading one another forward,

and they equally enjoy the benefits of popular policies of the socialist system including the free medical care and free education.

The foreigners who visited the DPRK said that they were very surprised to see its reality with their own eyes and it is a human paradise, asking others to visit it if they want to have a good understanding of the country.

Then, let’s see the reality of the US which has spoken spiteful words against the DPRK.

In the US which styles itself “human rights champion”, extreme racial discrimination prevails in society. White policemen who shot dead innocent black people escape legal punishment.

Those who cannot receive medical treatment because of money problems amount to nearly 50 million, and about 6 million young people under 24 have no schooling due to skyrocketing school expenses.

The American-style gun-related culture evokes shock and ridicule around the world.

With deadly shootings becoming the tendency of American society, an armed criminal fired at pedestrians at random, claiming the lives of four and injuring three people at a car park in Tennessee in late April, while six people were

shot dead in San Francisco, California, and two people in a crossroads in Florida.

Human trafficking, mainly against children, is rampant in the US and their numbers reach 100 000 every year.

The arrogant and shameless acts of the US which is finding fault with others’ human rights while covering up its miserable human rights practices are becoming the butt of denunciation of the international community.

As it made public the “US human rights records for 2017” and “2017 book on the US human rights abuses”, the information office of the Chinese State Council branded the US as the de facto human rights abuser, saying it is morally unqualified to find fault with others’ human rights.

Totally rejecting the US “country reports on human rights practices for 2017”, the Venezuelan foreign minister said that the US human rights policy is merely aimed at defaming the image of sovereign states by dint of aggressive smear campaign and justifying its regime change plots.

The US had better mind its human rights situation.

By Song Jong Ho PT

comments

Some malicious forces are letting loose a spate of anachronistic invective over the April plenary meeting of the Central Committee of the Workers’ Party of Korea that is being welcomed by the international community.

Reasonable thinking needed

Some of American bigwigs have recently clamoured that “God alone knows when and how north Korea will fulfil its vow made at the plenary meeting” and that it might be a “trap” north Korea has laid prior to the DPRK-US summit talks. Particularly, secretaries of Treasury and Defense and the UN-based US ambassador claimed that the powerful sanctions and pressure by the international community have guided north Korea to “change” and asserted they would keep applying the “maximum pressure” until it scraps the nuclear weapons programme in a complete, verifiable and irreversible way.

These are nothing more than the nonsense of those who are too steeped in high-handedness and arrogance to think rationally.

DPRK-US relations are now at a crossroads.

At this turning point, it will be a folly of spoiling a big event to cling to the anachronistic policy hostile towards the DPRK, failing to correctly understand the significant meaning of the DPRK’s crucial measures.

Everything hinges on the choice of the US, now that the DPRK, a strategic state, has taken epoch-making steps for peace in the Korean peninsula and the world.

American rulers need a rational way of thinking, rather than the stick of sanctions, to correctly comprehend the other party.

Politically lonely island

As to the April plenary meeting, prime minister Abe and other Japanese bigwigs are crying out that they “cannot accept the loosening of anti-north Korea sanctions, but should invariably maintain the approach of applying the maximum pressure continuously and making north Korea abandon its nukes and missiles” and that “it is important to induce it to scrap nukes, weapons of mass destruction and missiles in a complete, verifiable and irreversible way”. Abe even toured the US to beg for anti-DPRK sanctions and pressure, while defence minister Onodera said to his American counterpart Mattis that he “sees the air raid on Syria as a special message to north Korea” and referred to the need to “make it give up all WMD and ballistic missile programmes in a complete, verifiable and irreversible way”.

The Japanese call to mind the dogs barking at a procession.

The shrewdest followers of the general trend are running counter to the demand of the international community for a switch in their DPRK policy, which only reveals their extreme anxiety and fretfulness over their failure in the attempts to make Japan a military power and realize the wild ambition for overseas expansion on the pretext of “north Korean threat”.

It is a well-known fact that Japan has desperately persisted in a bid for a “Greater East Asia Co-prosperity Sphere” by availing itself of the worsening situation in the Korean peninsula since its defeat in the Second World War.

But now the situation has gone the other way round.

Japan’s reckless behaviour will only reduce the geographically insular country to a politically isolated island.

Wretched confrontation-seekers

The “Liberty Korea Party” and the “Righteous Future Party” of south Korea are also totally given to reckless abuses against the April plenary meeting.

They assert that the “announcement of the discontinuation of additional nuclear test is of no actual significance now that the north possesses nukes”, “pressure on the north should be continued” and “inter-Korean talks are tantamount to having negotiations with a robber with a concealed dagger”.

It is impossible for them to utter right words, given they have been living on confrontational remarks and peddling of “security” on the political arena.

Conservative forces who have heaped up crimes with unpopular and separatist moves are now drawing their last breath as the main target of the ongoing dynamic struggle against evil legacies in south Korea.

That is why they are trying to revive conservatism in the upcoming local elections by dint of confrontational abuses against the DPRK and the worn-out “security” offensive.

But the general situation in the Korean peninsula has already turned towards peace, prosperity and improved inter-Korean relations.

The more desperately they try, the faster the “Liberty Korea Party” and the “Righteous Future Party” will meet their miserable doom as the rubbish of history.

By Kim Rye Yong PT

around the world

Russia hits attempt of US and the West

Valentina Matvienko, chairwoman of the Russian Federation Council, in a recent speech criticized the US and the West for their wrong attempts.

Currently, an objective reestablishment process of the world order is going on throughout the world but the US and its Western allies attempt to maintain their leadership position to secure the rights to decide the destiny of the world single-handedly at any cost, she argued.

The provocation surrounding the attempted spy assassination in the UK, fabrications related to the use of chemical weapons orchestrated in Syria and economic sanctions against Russia, all these are links of a chain to this end, she noted.

European workers turn to streets

Lots of working people held mass demonstrations and rallies in European countries to demand the provision of the rights to existence on May Day.

Hundreds of thousands of working people marched the streets in Paris, strongly urging the authorities to provide them with elementary rights to live.

Police were immediately mobilized to crack down on them, spreading tear gas and firing water cannon to disperse them, and finally arrested 200 of the

protesters.

Thousands of working people shouted slogans against capitalism in major cities of Germany, arguing their worsening plight is due to the wrong policy of the authorities.

Many people took to streets in Athens and other cities of Greece and denounced the government policy to alleviate debt crises as unpopular.

Similar demonstrations took place in Rome, Italy.

Iran condemns Israel

The Iranian permanent representative to the United Nations in a statement criticized the Israeli policy of aggression.

Israel is hell-bent on expanding its settlement and unhesitatingly commits massacre in the occupied territories of Palestine, the statement said, branding them as an unpardonable act of hooliganism.

Its aggressive policy is the source of all disputes in the Middle East, it said, attributing all its breaches of peace to the patronage and connivance of the US and the West.

By Choe Yong Nam PT



An anti-Israel protest in Britain.

SOCCER

Premier soccer league comes to a close

The men's first-division football tournament came to an end after it was held as part of the Mangyongdae Prize Games in celebration of the Day of the Sun in Pyongyang amid the keen interest of experts and fans.

Eleven clubs including Pyongyang, Sonbong, Sobaeksu, Amnokgang, Kigwancha, Wolmido and Rimyongsu first competed on a round-robin basis, divided into two groups, and the first two placers of each group advanced to the semi-finals to decide rankings through diagonal and direct matches.

The final was played between Rimyongsu and Kigwancha at Kim Il Sung Stadium on April 30.

Both teams had competed at the same group.

Rimyongsu defeated Ministry of Light Industry, Amnokgang, Kigwancha, Sonbong and Wolmido 3-1, 1-0, 2-0, 2-1 and 2-1

respectively and came first in the group.

In the semi-final, it beat Sobaeksu 2-1, runner-up of the other group, and came to advance to the final.

Meanwhile, Kigwancha registered a goalless draw in its first game with Amnokgang and lost the game with Rimyongsu 0-2.

However, it won all later matches with Wolmido, Ministry of Light Industry and Sonbong to finish runner-up in the group with 10 points. In the semifinal,

it beat Ryomyong 3-1, winner of the other group, to advance to the final.

The final match started with Rimyongsu's kick-off.

They unfolded thrilling scenes as footballers fought fiercely for the ball to take the initiative, streaked into the penalty area through lightning counterattack and had bold midfield shots.

Amid the rooting of fans, Kigwancha's No. 9 took the ball in the midfield and dribbled past the goalie to shoot the ball into the empty

net, opening the scoring in the 22nd minute.

Shortly after, its captain No. 24 doubled the lead with a free kick.

Rimyongsu's midfielder No. 19 made up for one lost point with a long-distance shot in the 32nd minute.

The first half ended 2-1 in favour of Kigwancha.

In the second half, Rimyongsu made one-sided attack.

It pushed its defences to the halfway line to mount an all-out offensive involving even the goalie, but in vain.

As a result, Kigwancha lifted the trophy, Rimyongsu finished runner-up and Sobaeksu and Ryomyong came third and fourth respectively.

By Jong Tang Song PT



PAK KWANG HUN / THE PYONGYANG TIMES

Kigwancha edges out Rimyongsu 2-1 in the finals of the men's first-division soccer tournament of the Mangyongdae Prize Games.

sports roundup

Weightlifters triumphant in Uzbekistan

The DPRK players have bagged 19 gold and 3 silver medals at the 2018 Asian junior and juvenile weightlifting championships in Uzbekistan.

Starting on April 20, the tournament brought together more than 240 men and women weightlifters from over 22 countries and regions including the DPRK, India and Thailand.

Ri Suk, Kim Il Gyong and Kim Kyong Ryong came first in the snatch, jerk and total of junior and juvenile women's 53kg, 58kg and 69kg categories to secure six gold medals respectively.

Pak Jin Hae won gold and silver medals in the junior and juvenile women's 48kg snatch categories, while Choe Kyong Sun finished runner-up in the snatch of junior and juvenile women's 63kg categories respectively.

Meanwhile, Won Un Gyong won the women's 54kg title at the 2018 Asian youth boxing championships held in Bangkok, Thailand, on April 19.

Sixth competition of medical workers held

The sixth sports games of the public health sector ran between April 19 and May 1.

The players competed in various sports including basketball, volleyball, table tennis and tug-of-war at the gymnasiums, stadiums and sports parks in Pyongyang and provinces across the country.

The contest of national health institutions was held in Pyongyang, divided into two groups, in which the Pyongyang Maternity Hospital and Okryu Children's Hospital topped the total rankings respectively.

Compiled from KCNA

EVENT

Fun run for 18th Asian Games held

An official fun run of the 18th Asian Games took place in Pyongyang on May 1.

The Olympic Council of Asia arranges an official fun run in cooperation with national Olympic committees of relevant countries and regions in order to arouse public interest in the Asian Games that are held every four years.

The opening ceremony

that took place in front of the Weightlifting Gymnasium on Chongchun Street was attended by Won Kil U, vice-minister of Physical Culture and Sports who is vice-chairman of the DPRK Olympic Committee, relevant officials, sportspersons, representatives of the Olympic Council of Asia and staff members of foreign embassies in the DPRK.

After speeches were made, there was a run.

Sportspersons and embassy officials ran a 3-kilometre course.

At the closing ceremony, medals and certificates were awarded to the runners.

That day there was a press conference on the fun run at the same venue.

The secretary general of the DPRK Olympic Committee said that the national Olympic committee would further develop physical culture and sports based on the ideal of the Olympics and noble sportsmanship so as to fulfil their responsibility and role in turning the country into a world sports power.

Referring to the sports event in Pyongyang, a member of the Olympic Council of Asia expressed thanks to the DPRK Olympic Committee for making great efforts for the successful run.

Compiled from KCNA



The fun run of the 18th Asian Games is held in front of the Weightlifting Gymnasium in Chongchun Street.

SOCCER

April 25 beats Hwaepul 2-0 in AFC Cup preliminaries



KCNA

April 25 beats Hwaepul 2-0 in Group I preliminaries for the 2018 AFC Cup finals.

The matches of Group I (East Asian region) for the 2018 AFC Cup have become fiercer with the approach of their closure.

According to statistics, the DPRK's April 25 is leading others with 12 points, followed by China's Benfica Macau and the DPRK's Hwaepul with 6 points and Hang Yuen FC of Chinese Taipei is pointless.

On May 2, Hwaepul clashed with April 25 at Kim Il Sung

Stadium for the second match.

In the 19th minute, April 25 opened the scoring by availing itself of a penalty kick it secured due to Hwaepul's foul.

After a while, April 25's No. 18 Kim Yu Song netted another goal by volleying the ball centred by No. 9.

The match ended 2-0 in favour of April 25.

By Jong Sun Bok PT