

The background of the entire image is a wide-angle photograph of a majestic mountain range. In the foreground, dark, rocky mountain ridges are partially covered in snow. A massive, light-blue glacier or ice field stretches across the middle ground, its surface textured with deep crevasses. The background features a range of mountains with sharp, snow-capped peaks. The sky is filled with soft, pastel-colored clouds, transitioning from pink and orange near the horizon to a pale blue at the top. The overall scene is one of natural grandeur and tranquility.

DEMOCRATIC PEOPLE'S REPUBLIC OF

(No. 732)

**KOREA**

Juche 106  
(2017)

1



Kim Jong Un inspects the August 25 Fishery Station under the Korean People's Army, which is creating a new myth of fishing [November Juche 105 (2016)].

## CONTENTS

Δ Fierce Flames of Fishing Revolution Sweep through the East Sea.....	1
Δ People Follow Their Leader .....	2
Δ Cheering for the Workers' Party Resounds throughout the Northern Areas.....	8
Δ Increased Production of Heavy Rails .....	10
Δ Pyongyang Terrapin Farm .....	12
Δ Small but Important Factory.....	14
Δ High-quality Water Products for Citizens .....	16
Δ Ryugyong General Ophthalmic Hospital .....	18
Δ Women Footballers Add Honour to Motherland .....	22
Δ Charming Scene of the Ryesong River .....	24
Δ Young People in the Reclaimed Tideland.....	26
Δ Laughter of the People Rings Out Louder.....	28
Δ In the Vanguard of Going beyond the Cutting Edge .....	30
Δ Family of Doctors.....	32
Δ Pedigree Farm for Training Scientific Personnel.....	34
Δ Tournament of Persons with Disabilities and Amateurs...	37
Δ Corn Products Draw People .....	38
Δ <i>Historical Relic</i>	
Kwanum Temple .....	40

# Fierce Flames of Fishing Revolution Sweep through the East Sea

The fishermen at the fishery stations under the Korean People's Army, the pioneers in creating a new history of "gold seas," caught over 90 000 tons of fish in 20 odd days between late October and November 19 last year, thus displaying a spectacular scenery of big fish catch.

The fierce flames for bringing about a revolution in the fishing sector in the East Sea of Korea kindled last year, when the Seventh Congress of the Workers' Party of Korea was held, inspired all the service personnel and people, who were rushing forward towards the finish line of the 200-day campaign, with inexhaustible strength and enthusiasm.

Kim Jong Un, Chairman of the Workers' Party of Korea, Chairman of the State Affairs Commission of the DPRK and Supreme Commander of the Korean People's Army, visited fishery stations under the KPA including the August 25 Fishery Station, the birthplace of the history of "gold seas."

Seeing with a broad smile the heaps of fish in the ports, he spoke highly of the KPA fishery sector that it had wrought a new fishing miracle.

He got on board a fishing vessel that was busy unloading fish, held scale-stained hands of the fishermen who were choked with emotion and had friendly talks with them, and appreciated their efforts.

Wearing a huge smile on his face, he said he felt relieved of all worries to smell the raw fish, a socialist smell of the sea that filled the compounds of the stations and that was a sight to behold.

He stated that the fishery sector of the army should, in the future, too, make redoubled efforts in this manner to be in the vanguard of the fishing revolution and to be the conqueror of the sea that would steadily write the history of "gold seas" with blood and sweat of patriotic loyalty, and specified tasks to be tackled in the fishery sector.

He appealed that they should catch more and more fish and send them to the people by carrying out the instructions of the great leaders to catch fish in the shallow and deep seas and while sailing out and sailing back as well.

Officials and workers of the fishery stations under the KPA were full of great pride and glory of having honoured with the field guidance of the respected Marshal and firmly determined to create unprecedented innovations in fishing and thus make the whole country brim over with the socialist smell of the sea.

The Korean service personnel and people have turned out in the onward march in the new year of Juche 106 (2017) to build a powerful socialist country, full of confidence in victory. They are filled with a great pride and happiness of having the respected Kim Jong Un, peerlessly great person, as their benevolent father.

Kim Jong Un has the ennobling intention of building on this land a grand flower garden of socialism in which there is nothing to envy in the world, a civilized power in which the people's ideals come true, and always cherished in his mind are his dear people.

Brilliantly carrying forward the politics of prioritizing, respecting and loving the people the great leaders Kim Il Sung and Kim Jong Il had administered throughout their lives, he energetically leads Songun Korea to adorn its new century of Juche era with fresh miracles and prosperity.

As he finds his greatest pleasure in the pains he experiences for the sake of the people, he continues his journey of field guidance to all parts of the country, including Changsong County in North Phyongan Province, Rason City in the northern part of the country, and Kosan County in Kangwon Province.

Thanks to his energetic leadership to improve the people's living standards, the country has witnessed eye-opening reality of bumper harvests of apples and other fruits in Kosan and Taedonggang combined fruit farms, and vigorous campaigns of scientific farming, mushroom and vegetable farming in greenhouses. The Sepho area in Kangwon Province is being turned into a large-scale livestock farming base, and the new history of "gold seas" is created in the east and west seas of Korea.

He never feels contented nor knows limits on the road for the well-being of the people, and instructs that even a single architectural structure should be built to make his people enjoy the highest quality and standard of civilization.

In recent years such structures as Rungna People's Pleasure Ground, Munsu Water Park, Unha Scientists Street, Mirae Scientists Street, Masikryong Ski Resort, Mirim Riding Club, Okryu Children's Hospital, Ryugyong General Ophthalmic Hospital, Central Zoo and Natural History Museum, sprang up across the country. And following the changes made in the Sonbong area in Rason, the northern areas of North Hamgyong Province underwent epochal changes last year, presenting a new miracle of turning misfortune into a blessing. They testify to the ennobling love of the respected Marshal for the people.

With an unshakeable will to hold his people in high esteem as he does to the great leaders and dedicates himself for the sake of the people, Kim Jong Un continues his long road of energetic guidance, and the dreams and ideals of the people are brought to brilliant fruition.

The Korean service personnel and people are keenly feeling the growing affection and benevolence bestowed by the respected Marshal and are dynamically advancing towards a bright future of a powerful socialist country, fully supporting his leadership.

Article: Choe Kwang Ho



Kim Jong Un wishes the children at the Pyongyang Baby Home and Orphanage a happy future [January Juche 104 (2015)].



Kim Jong Un with sportspersons [July Juche 102 (2013)].



Kim Jong Un visits the Ryugyong Dental Hospital [March Juche 103 (2014)].



Supreme Commander Kim Jong Un with pilots [March Juche 104 (2015)].

# People Follow Their Leader



Kim Jong Un among the participants in the Second National Conference of Exemplary Young People of Virtue [May Juche 104 (2015)].



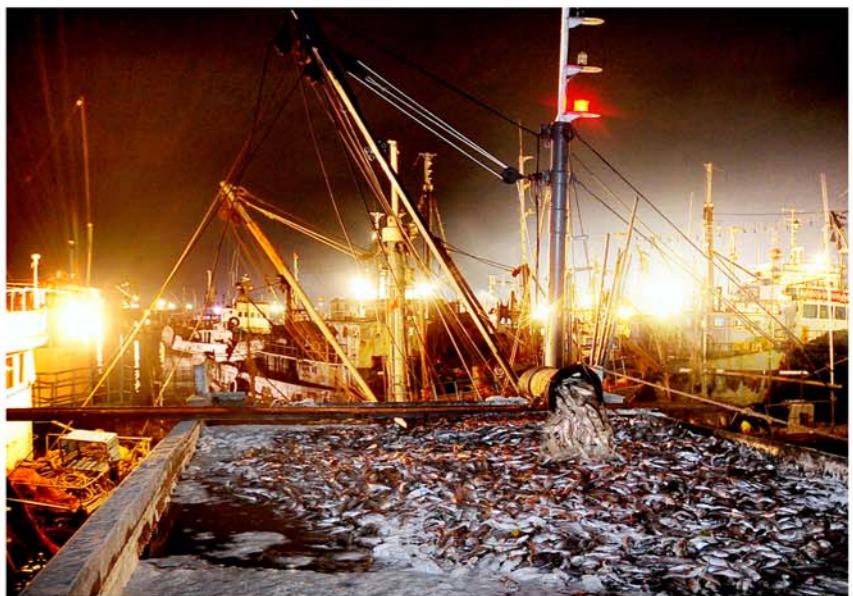
Kim Jong Un looks round the newly built Unha Scientists Street [September Juche 102 (2013)].



Kim Jong Un visits the Raksan Offshore Salmon Farm [May Juche 104 (2015)].



Kim Jong Un visits the Kosan Combined Fruit Farm [September Juche 105 (2016)].



Radical changes have been effected in mushroom farming and fishing as well as in the improvement of the people's living standards.



Under the energetic guidance of Kim Jong Un modern bases for cultural and leisure activities have been built throughout the country, advantages and vitality of free medical care and education systems proved more eloquently, and brilliant successes achieved in series in the effort to build a civilized socialist power.



# Cheering for the Workers' Party Resounds throughout the Northern Areas

- Over 11 900 houses were built in 50 odd days in the northern flood-stricken areas,  
new streets and villages erected, and people moved into new houses -



Over 11 900 houses were wonderfully built in a short period of two months in the northern areas afflicted by unprecedented flood, and the flood victims moved into the new houses that would withstand any blizzards and heavy rains.

House-moving ceremonies were held in Hoeryong City, and Musan, Yonsa, Onsong, Kyongwon and Kyonghung counties amid the congratulations of the army and people in the country.

The flood victims moved into new houses fully furnished with living conditions, kitchenware, food, firewood and fuel, and that free of charge.

Photo: By courtesy of the KCNA, Ri Kwang Song, Ko Sung Hyok

# Increased Production of Heavy Rails

The working people of the Hwanghae Iron and Steel Complex, who have turned out to implement the decisions set by the Seventh Congress of the Workers' Party of Korea, are bringing about innovations in production by kindling the fierce flames of creating the Mallima speed in their efforts to attain the goal of building a powerful socialist country.

Holding fast to the spirit of self-reliance and self-development and relying on science and technology, the workers, technicians and officials of the complex upgraded the line of producing heavy rails last year and ensured its operation at full capacity.

Workers at the blast furnace and steel workshops are full of determination to discharge their responsibility of supplying steel for the production of heavy rails on time.

Smelters and technicians at the blast furnace workshop are strictly observing the standard and technical regulations in the operation of oxygen-blown blast furnaces, introducing several measuring instruments and devices and putting their operation on a regular footing, thus producing a great amount of pig iron.

Those at the steel workshop are proactively developing scientific melting methods and introducing them into practice, thus markedly shortening the melting time and surpassing the highest level of molten iron production per charge since the operation of UHP electric furnace. They are also supplying the rail production line with steel materials by steadily increasing the heating efficiency of the tundish for continuous ingotting which has been newly manufactured.

Workers at the steel-casting workshop are striving to ensure the sufficient

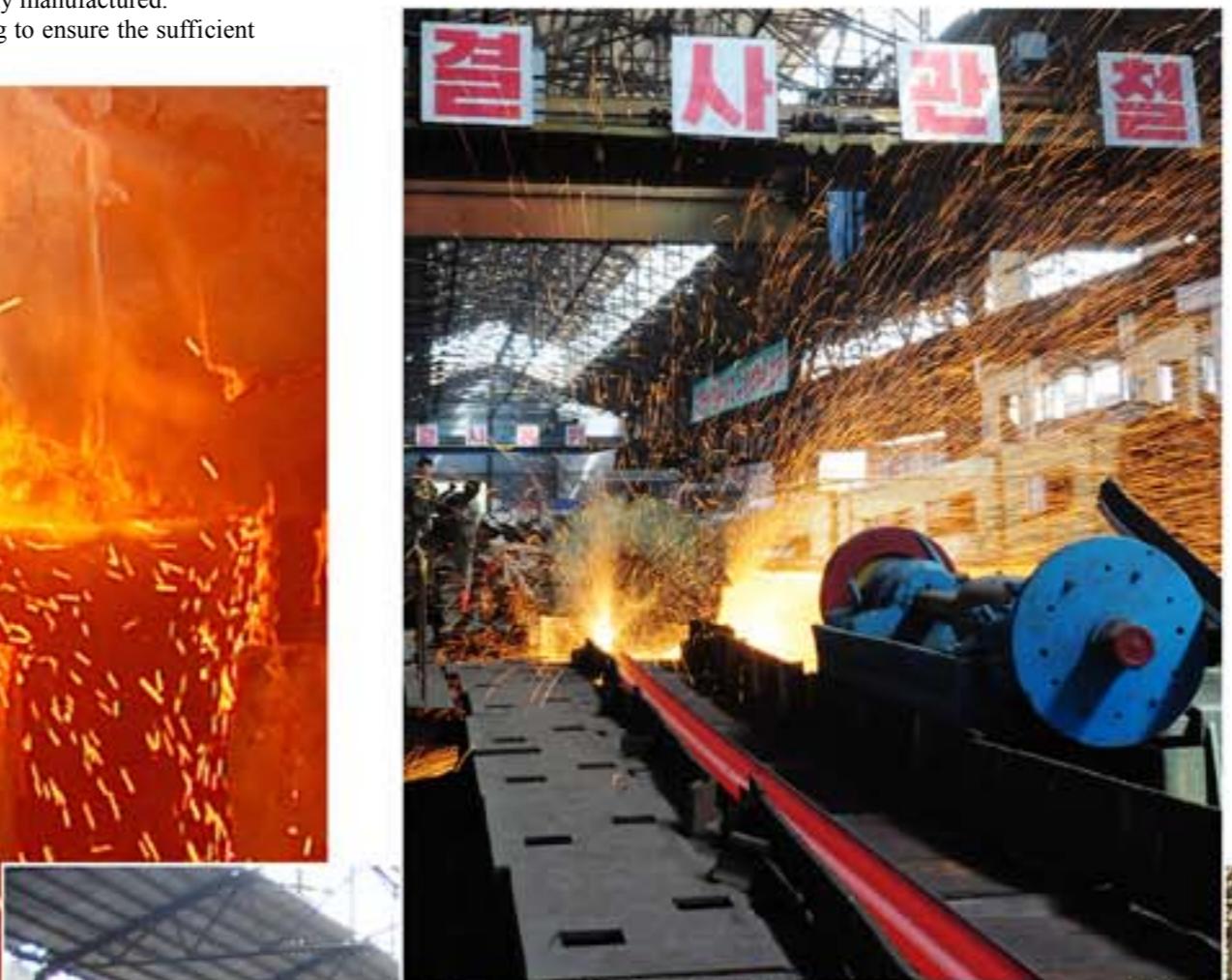
pressure and cooling water for the heating furnace so as to maintain the temperature necessary for heavy rail production.

Those at the rolling workteam is markedly raising the productivity and reducing rolling cycle through the brisk technological innovation drive.

Workers at the finishing workshop are operating at full capacity all the machines including rail horizontal calibrator which are newly introduced and guaranteeing the quality of products at a high level.

The working people of this complex, who are firmly determined to demonstrate the mettle of the heroic working class of Kim Il Sung and Kim Jong Il in today's general advance for building an economic giant and bringing about innovations at all workplaces, are producing a great deal of heavy rails for the Hyesan-Samjiyon broad-gauge railway construction project.

Article: Jong Ki Sang  
Photo: Hong Thae Ung



Production lines of heavy rails have been modernized and are running at full capacity.

# Pyongyang Terrapin Farm



Unmanned feed carriages are used.



The Pyongyang Terrapin Farm situated in the suburbia of Pyongyang was refurbished last year as appropriate to the appearance of a civilized socialist power.

It has a total area of over 53 010 sq metres and an annual production capacity of hundreds of thousands of terrapins.

The conditions and environment for the terrapin production are fully provided in the farm with the general control room, indoor farming ponds, hatchery, geothermal machine room, microorganism cultivation ground and other processes.

An integrated manufacturing system is established in the farm, thus ensuring real-time control of water temperature, amount of oxygen and pH in the breeding ponds and feeding time, and the simulation of production and planning methods.

A well-regulated system is also built to keep the breeding ground warm and supply heat by use of geothermal energy. And with the water recycling process based on the biological filtering set up, the farm has been turned into an energy-saving, water-saving one.

The farm has introduced hatching machines and unmanned feed carriages developed by the scientists and technicians of the State Academy of Sciences, so that the actual hatching rate has radically increased and the full automation of the farming processes realized.

It achieved great successes in production last year when the Seventh Congress of the Workers' Party of Korea was held. Now it is directing strenuous efforts to multiply terrapins, and secure and grow superior breeds while giving preference to feed supply and paying attention to anti-epizootic work.

Thanks to the devoted efforts of the farm officials and employees, terrapins are mass-produced to contribute to improving the people's dietary life and promoting their health.

*Article & photo: An Chol Ryong*



Hatchery.



An integrated manufacturing system provides simulations of several production procedures and planning methods.



The farm's sci-tech learning space is run regularly.



Pathogenic test.

# Small but Important Factory

In recent years modern public health establishments, such as Breast Tumour Institute of the Pyongyang Maternity Hospital, Okryu Children's Hospital, Ryugyong Dental Hospital and Munsu Rehabilitation Clinic, have been newly built in the DPRK, and in September last year the Medical Oxygen Factory has gone into operation to produce and supply medical oxygen for health promotion of people.

Uniquely decorated and blending well with the surrounding landscape, the factory looks smart and hygienic, easy to identify the purpose of this factory.

All the production processes are automated and computerized, and necessary conditions are prepared to supply oxygen to hospitals.

An integrated manufacturing system is set up for smooth production and management of the factory which is furnished

with modern facilities for separating and filling oxygen and other processes. The factory has vehicles for the transport of medical oxygen as well as a strict inspection system which guarantees the supply of high quality oxygen that conforms to hygienic standards.

The purity of the factory's medical oxygen is over 99.8 percent and conforms to the standard set by WHO.

The oxygen station built on the principle of ensuring aesthetic beauty, convenience and usability supplies medical oxygen to hospitals.

Though small, the medical oxygen factory is greatly contributing to protecting people's life and promoting their health by increasing production.

Article & photo: Hong Kwang Nam



Oxygen generating ground.



Liquid oxygen filling station.



Medical oxygen is sent promptly to hospitals and health centres.





Quality certificate of the Ryongaksan Mineral Water by SGS-CSTC Standards Technical Services Co., Ltd.



Filling process.

## High-quality Water Products for Citizens

The Ryongaksan Mineral Water Factory is located in Wollo-ri, Mangyongdae District, Pyongyang.

The water that gushes out in Wollo-ri, which was named as there were many macrobiotics, is famous for its good quality and large amount. Since the factory was built in May Juche 96 (2007), the water became widely known among the people.

General Kim Jong Il visited the factory on January 20, Juche 100 (2011). He looked round the production processes for a long time, tasted the water and specified tasks in producing more water products for the citizens.

Officials and workers of the factory rose up as one to translate into reality the ennobling love of the General for the people. They doubled the production

capacity, improved conditions for ensuring hygienic safety of the products and the environment in a more hygienic and cultured way, and established the line of vessel production.

Last year air-conditioning and purification facilities were installed in the workplaces to perfect their germ- and dust-free conditions and an integrated manufacturing system was established to ensure the most reasonable business and production management and the control of the processes. So the factory was modernized wonderfully.

In September last year the respected Kim Jong Un visited the factory and spoke highly of it as it was renovated splendidly to meet the requirements of the new century and provided people with good-quality mineral water by

systematically boosting production in the spirit of devoted service to the people true to the behests of the General. He pointed out the issues to normalize the production and took measures to promptly deliver the products to the shops in the capital city.

The Ryongaksan mineral water contains selenium, fluorine, strontium and metasilicic acid good for health and major ions in adequate amounts. It is, therefore, helpful for protecting teeth, promoting the bone growth and digestion, and preventing cancer, cardiovascular diseases, arteriosclerosis, and osteoporosis. It is also efficacious in the treatment of chronic gastritis, colitis, arthritis and gynaecopathy.

The popularity of the water is increasing day by day.

Article & photo: Ri Myong Guk



Vessel-cleansing process.



Mineral water production.



Quality test.



Mineral water is delivered in time to service facilities.



# Ryugyong General Ophthalmic Hospital



Funduscopy room.

Pediatric department.

Glaucoma department.

Corneal refraction test room.

As health service establishments are built one after another in the DPRK thanks to the people-oriented policies of the Workers' Party of Korea and the government, the Ryugyong General Ophthalmic Hospital was set up in the Munsu area of Pyongyang and opened in October last year.

The hospital consists of four-storey building for outpatients and eight-storey building for inpatients that are furnished with up-to-date facilities and equipment, as well as an eyeglass shop where they correct visual defects, and make and sell eyeglasses. This modern medical centre is the gift presented by the respected Kim Jong Un who is endowed with the ennobling love for the people and prioritizes and respects them.

The medical and service workers of the hospital, possessed of the warm devotion to the people, are displaying a high sense of responsibility in the treatment of patients.

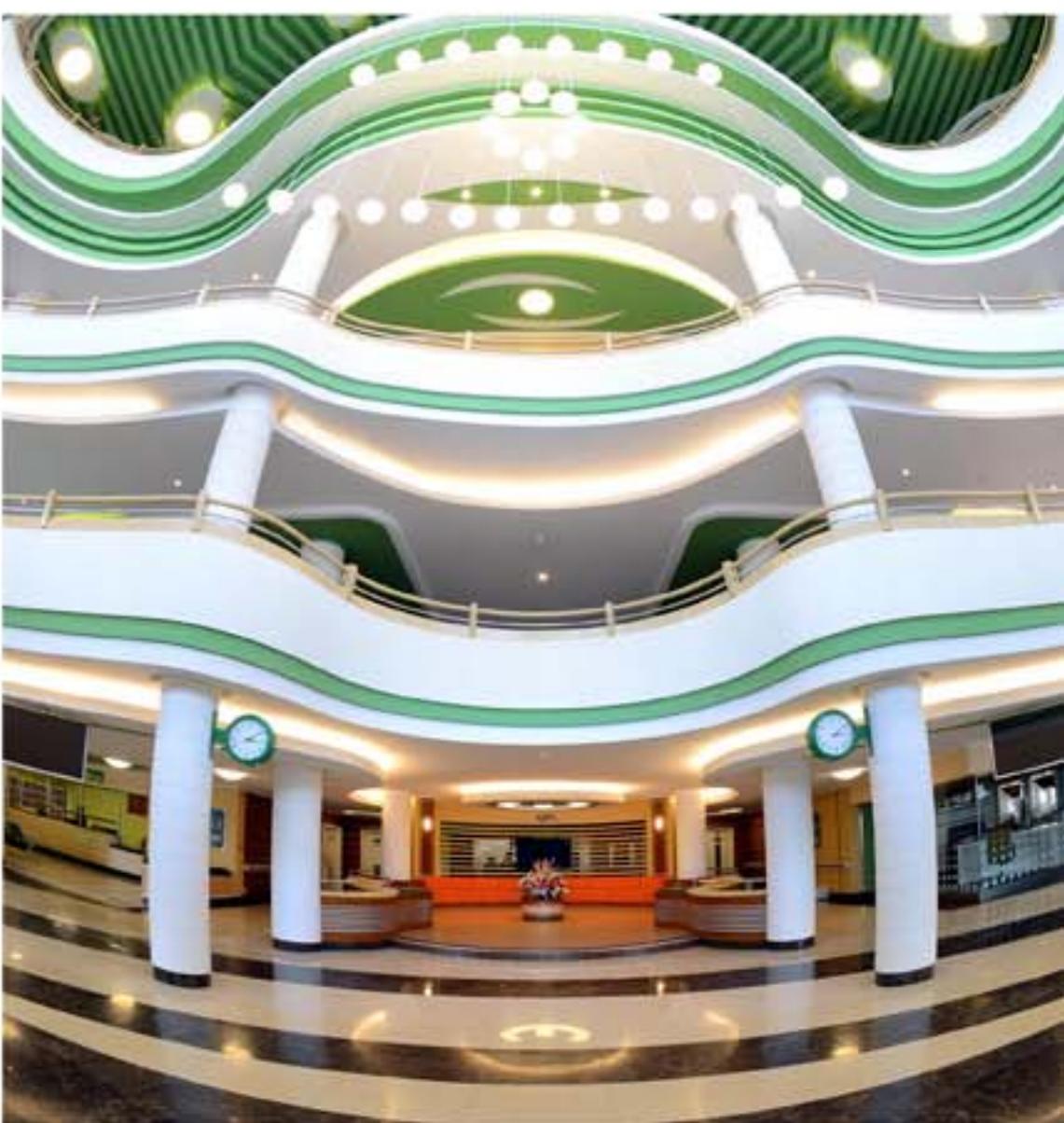
They are making efforts to ensure proper maintenance of the ultra-modern equipment, and, at the same time, studying advanced medical science and technology in order to improve the treatment methods.

The hospital discharges its mission as a multi-functional and comprehensive medical service centre.

The eyeglass shop is well stocked with various eyeglasses, parts and optical instruments and furnished with rooms for eyesight test, correcting visual defects and processing eyeglasses, thus providing scientifically accurate, kind and prompt services to the customers.

The people are grateful to the socialist healthcare system as they receive medical services free of charge at the modern ophthalmic hospital, and firmly resolved to contribute to the prosperity of the country.

Article & photo: Ri Kwang Song





Operation theatre.



Internal facilities of the hospital.



The eyeglass shop.



Everybody is able to choose eyeglasses according to their eyesight and as they prefer.



It offers services for optical test and correction, and eyeglass processing.



# Women Footballers Add Honour to Motherland

*- At the 2016 FIFA U-17 Women's World Cup -*

The DPRK women footballers won the 2016 FIFA U-17 Women's World Cup held in Jordan in autumn last year. It was the fifth round since it was held every two years from Juche 97 (2008).

Enlisted in Group C in the league match, the DPRK team tied 3-3 with England and beat Brazil and Nigeria 1-0 and 3-0 respectively to top the scores in the group.

In the quarterfinals the Korean players defeated the Ghanaian team, a strong team in Africa, 2-1, and the Venezuelan counterpart 3-0 in the semifinals.

There was the final game between the DPRK and Japan. The Japanese team had been beaten by the DPRK team in the final game of the 2015 AFC U-16 Women's Championship.

The Korean girls displayed esprit de corps as well as the strong sense of attack throughout the match, and beat the Japanese rivals 5-4 in the penalty kick after drawing scoreless in the first and second halves of the match.

The Korean girls thus lifted the trophy at the

2016 FIFA U-17 Women's World Cup, the second championship since the first World Cup in Juche 97 (2008).

The news gave a great deal of encouragement to the Korean people who pictured a bright future of the women's football.

When the girls in their middle teens returned



Ri Hae Yon won Silver Boot prize.



Sung Hyang Sim won Silver Ball prize.

Article: Choe Yong  
Photo: By courtesy of the KCNA



Women footballers on their return home received enthusiastic welcome from the people from all walks of life, students and schoolchildren along the route of Pyongyang.

The Ryesong River meandering round Kumchon County in North Hwanghae Province becomes a new attraction to the local people, since there have appeared mobile cage-nets for fish farming and a service ship with a colourful, octagonal roof.

The mobile cage-nets teeming with fishes of various species, such as carp, crucian carp, snakehead and mandarin

fish, present a fantastic view, adding charm to the picturesque river. More conspicuous are the people who enjoy tasty dishes in traditional cuisine with fishes just taken out of water.

This charming scene is a precious fruit

of the devoted efforts made by the officials and working people in Kumchon County.

They have turned out as one to implement the policy of the Workers' Party of Korea to provide its people with more bountiful diet by developing fish farming.

After conducting scientific analysis of water quality and feed conditions of the river and selecting fish species for farming, they set up cage-nets and introduced a scientific and comprehensive system of controlling the supply of feed, examination

of water quality, observation of fish growth, transmission of power and other management activities.

They also floated a service ship near the cage-nets so that the people could enjoy dishes of fresh fish.

The service ship that accommodates over a hundred people and has a cage-net with lifting devices and full of various fishes is ready to meet the orders from the people.

The distinctive scene of the Ryesong River gives pleasure to not only the locals but also the passers-by.

Article: Pak Chung Song  
Photo: Jin Ju Dong



Fishes caught from the cage-nets are prepared and served on the service ship.

Customers themselves net the fish they like for cooking.

# Young People in the Reclaimed Tideland

In May two years ago many people in Phyongsong City, South Phyongan Province, saw off over a hundred young people leaving the city to work at the cooperative farms, and among them were 70 odd young volunteers, fresh from senior middle schools in Anju City and Sukchon and Jungsan counties of the province.

They are now youth workteam members at the Taephung Cooperative Farm in Taephung-ri, Phyongwon County.

Several years ago the farm reclaimed the tideland on the West Sea of Korea, which had been abandoned for long.

The youth workteam members are farming the reclaimed tideland, unstintingly devoting their youthful vigour and sweat. Though they hailed from different places, they are single-minded in their patriotism to support the country with grain production.

Green as they were in farming, they studied advanced farming technologies and methods at the agricultural science and technology information room. They also made strenuous efforts to ensure proper drainage for desalinizing the surface soil and grow rice seedlings with strong salt tolerance in order to do farming securely on the reclaimed tideland.

While manuring and cultivating crops, applying fertilizers and controlling pests in right seasons, they learned to operate various farming machines, and built seed treatment station, farm machine depot, solar-heated greenhouse, youth school, public bath, and a stockbreeding base with hundreds of domestic animals.

With high enthusiasm to respond to the Party's militant call for the 70-day and 200-day campaigns of loyalty, they did farming efficiently all the year round and harvested a bumper crop last year.

Now the youth workteam members rooted themselves down in the farm are burning with patriotic zeal to do farming well and thus contribute to the building of a socialist power.

Article: Pak Pyong Hun  
Photo: An Chol Won



Though they have different native places, they are single-minded in their patriotic endeavour to devote their youthful vigour to supporting the country with grain production.

# Laughter of the People Rings Out Louder

- At the Animal Feats Performance Theatre -





## In the Vanguard of Going beyond the Cutting Edge

Scientists and technicians at the Manufacturing Centre 111 under the State Academy of Sciences are vigorously conducting research to make rapid progress in the development of science and technology.

Located at the foot of the picturesque mountain in the Unjong science area, the centre has research rooms and laboratories fully equipped with modern facilities and a production base. It is chiefly staffed with researchers in their twenties and thirties, and more than 80 percent of them are holders of academic degrees.

With a pride in and a high sense of being masters in the building of a sci-tech power, they are filled with enthusiasm to charge forward by leaps and bounds from one decade to the next, not simply following the road taken by others.

Researchers at the mask manufacturing and IC design offices are conducting brisk research work to develop the technologies to the advanced international level and furthering the achievements in practice. They thus achieved considerable successes in introducing CNC technology into mask manufacturing processes at a higher level and raising to the world standard the technologies of designing IC chips for measurement, custom IC and systems on a chip with microprocessor units as the core.

They are also focusing on developing various electronic devices and custom IC-applied devices and products urgently demanded in the economic sectors, while increasing the proportion of domestic production.

Those at the environmental research section and intelligent device research section newly developed air-purifying disinfecter, chlorophyll measuring gauge and other instruments.

A meteorological observation system designed by the researchers at the introduction office proves effective in putting agricultural production on a scientific and modern footing.

In recent years they established an integrated manufacturing system and introduced unmanned feed carriages in Pyongyang Terrapin Farm, a model and standard breeding base in the country, and made similar contributions to modernizing other factories and enterprises.

Strenuous efforts of the centre's research personnel to wage a brisk mental war, a technological war, so as to beat the world will produce more brilliant results.

*Article: Choe Jin Ho  
Photo: An Phyong Yon*



They give timely solutions to the scientific and technological problems arising in the economic sector.

# Family of Doctors

Ri Myong Gwon, chief of the CT scan section at the Kim Man Yu Hospital, and his family are called the family for medicine. His family members

are medical workers for three generations, who are devoting themselves to the health promotion of the people.

Ri's father Yong Gyom distinguished

himself as one of the leading pioneers of radiology in Korea, and is listed in the *Great Korean Encyclopaedia* for his meritorious service in promoting the people's health and developing the medical science of the country.

From the 1950s he conducted his researches into radiology, one of the cutting-edge sciences in the medical world. He thus contributed to establishing a general tomographical system in medical science to ensure accuracy, quickness, reliability and effectiveness in the diagnosis and treatment of the diseases.

He also made contributions to setting up radiotherapy and other branches of radiology and published more than 150 study papers and books worthy of attention.

His career has been the example to his descendants, who have followed suit and become medical workers.

Myong Gwon, second son, made researches into radiology in succession to his father.

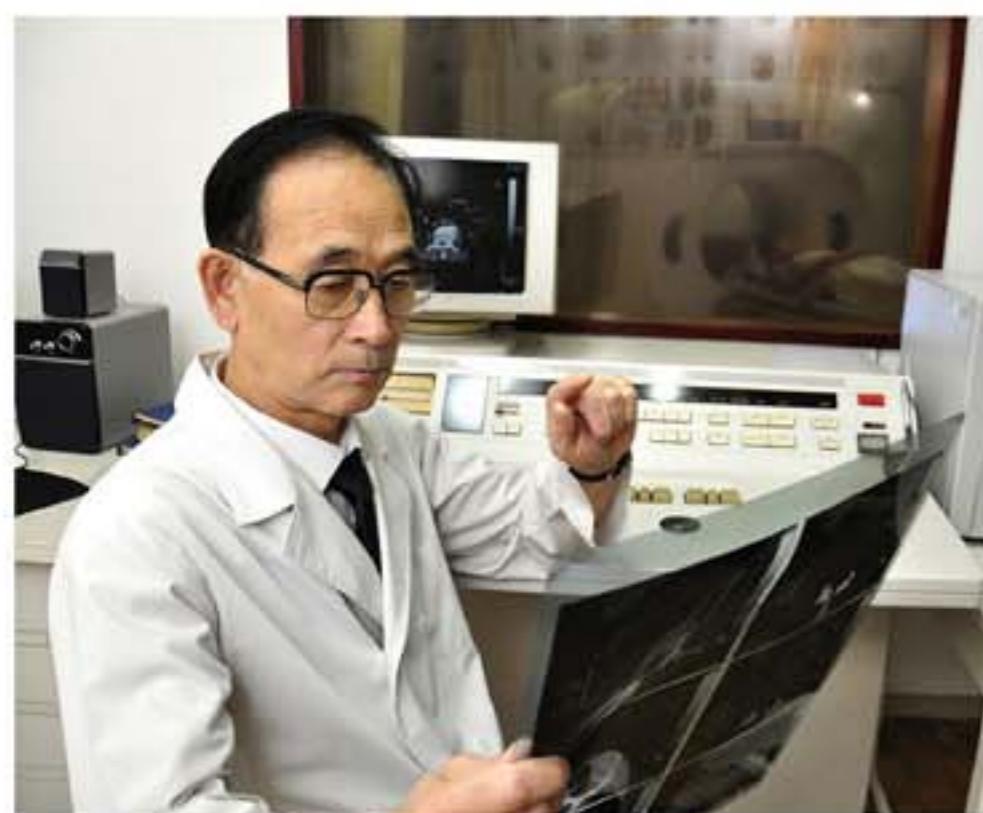
In Juche 51 (1962), while studying at the then Pyongyang University of Medicine, he presented the study paper, titled "Experimental study on radioprotection effect of the nonspecial immunizing action," and others. And in his 50-odd-year career he developed imaging technologies for hypophysoma and other



Prof. and Dr. Ri Yong Gyom, Ri Myong Gwon's father, was one of the pioneers of the radiotherapy in Korea.



Ri Yong Gyom took the floor at the first seminar of radiographic medicine held in the country.



Ri Myong Gwon, Prof. and Dr., works as a section chief at the Kim Man Yu Hospital.



Ri Yong Ho, eldest son, works as a researcher at the Kim Man Yu Hospital.



Ri Myong Gwon and his sons are making concerted efforts to develop the country's medical science and technology.

surgeries and made scores of inventions to provide accuracy in X-ray diagnosis of the patients.

For his distinguished service in the development of medical science and the promotion of the people's health, he had the honour of having photographs taken with Generalissimos Kim Il Sung and Kim Jong Il in national meetings, such as the National Conference of Health Workers and the Conference of Korean Intellectuals.

He received a birthday table sent by Kim Jong Il in Juche 98 (2009), and a wrist watch bearing the august name of Kim Il Sung and official commendations.

Ri's three sons are also medical workers.

They have achieved many successes in the medical sector. Among them are CT-based measurement of fat distribution and water amount in human body, surgical techniques of acute aortic dissection, and

advanced technology in the surgery of hypophysoma.

The Ri family are exerting their patriotic devotion to developing the country's medical science and technology and making the people receive more benefits of the socialist healthcare system.

Article: Kim Son Gyong  
Photo: Ri Myong Guk



Ri Yong Jin, second, works at the Korea General Red Cross Hospital (in the middle).



Ri Yong Min, third, works at the Korea General Red Cross Hospital (left).



## Pedigree Farm for Training Scientific Personnel



Efforts are made to introduce advanced teaching methods.

In Unjon District, Pyongyang, DPRK, is the University of Sciences. President Kim Il Sung, who paid deep attention to the development of science and technology of the country and attached importance to the role of the talented personnel throughout his life, proposed establishing the university and personally named it.

The University of Sciences was thus instituted on January 17, Juche 56 (1967), and has so far creditably fulfilled its heavy but honourable mission of training scientific talents.

President Kim Il Sung and General Kim Jong Il explained all the problems arising in the educational work of the university, including its position, selection of students and teaching forces, subjects and education system, and preparing of teaching programmes. The meticulous and energetic leadership became the powerful force for encouraging the university to make steady development.

The university occupies a vast area of over 124 000 square metres in the area of the State Academy of Sciences and is provided with ample conditions and environment for education in basic and IT sciences and scientific research.

It has the continuous higher education system involving the regular, postgraduate and after-postgraduate courses.

The students who are selected from across the country choose their major

subjects as they wish and have aptitudes, and study to their heart's content.

Among the lecturers are brilliant scientists honoured with membership of the World Academy of Sciences, and over a hundred of them have obtained doctorates.

The university has steadily explored new subjects in the fields of the core, basic technology and the cutting-edge science and technology as required by the IT era, introduced modern educational methods and closely combined the education and scientific research. By doing so, it has improved academic performance of the students and produced a lot of talented scientific and technological personnel.

The undergraduates of the university have achieved remarkable successes in several international program contests of the students and internet program contests.

In the past decades the university produced a lot of doctors in their twenties, and its graduates are playing leading roles in scientific research institutes to promote the country's science and technology.

The brilliant career of the State Academy of Sciences, the core base of the country's scientific and technological development, is hardly thinkable apart from that of the university.

In their effort to realize the intention of the Workers' Party of the Korea and the government of the DPRK to build a powerful socialist country by dint of science, the teaching staff and students of the University of Sciences are striving further to achieve world-class successes in education and scientific research.

Article: Choe Jin Ho  
Photo: An Chol Ryong



Experiments on core, basic technology and other branches of the cutting edge science and technology are conducted as required by the IT era.

The students won prizes in several international program contests.





At the chemical and biological research institute.



Various artistic and sports activities are brisk in the university.



## Tournament of Persons with Disabilities and Amateurs

In October last year the 2016 autumn table tennis tournament of persons with disabilities and amateurs was held in the gymnasium of the Kim Chaek University of Technology.

The tournament began in Juche 99 (2010) thanks to the policy of the Workers' Party of Korea and the State to provide the disabled people with all necessary conditions and environment to exercise the same social rights as the healthy people.

It was an annual event, but now is held two times a year in spring and autumn since Juche 104 (2015), as social interests in the event grew.

Players compete in singles and doubles in the divisions of persons with disabilities and amateurs by ages. The competition draws the disabled persons aged over 12 with excellent scores in the previous matches held in various regions of the country, male amateurs aged over 40 and female amateurs aged over 35 in Pyongyang every year.

In the 2016 autumn tournament Kim

Yong Rok, two-arm amputee in his teens, from Nampho and other players with locomotive impairment selected from across the country took part.

Enthusiastic matches of the disabled players and roaring cheers of the audience stirred the gymnasium.

Amateurs' games were excellent, but more spectacular were the mixed doubles of the disabled players and amateurs and the games between the disabled players and amateurs.

Some foreigners staying in the DPRK took part in the mixed doubles with the Korean disabled players, enlivening the atmosphere of the competition.

There was an awarding ceremony.

The 2016 autumn table tennis tournament of persons with disabilities and amateurs reflected the increasing social interests in sports to make it mass-based and a part of everyday life.

Article: Kim Hyon  
Photo: Ri Myong Il



Awarding ceremony.



# Corn Products Draw People



The Kumok Corn Foods Exhibition House built in a modern fashion in the Munsu area of Taedonggang District, Pyongyang, opened to public in July last year.

It is attracting people with its distinctive corn products and dishes in over 30 kinds, which are favoured by people for their unique tastes and high nutritive values.

It produces instant noodles and other products by processing



Kind services and unique, high-nutritive products and dishes made of corn are much favoured by customers.



corn, and also serves corn noodles prepared in cold cucumber soup and garnished with cabbage kimchi, fried sweet potato stalks, mushroom, green pepper, and seaweed stalks as well as half of a boiled egg. The corn noodles are much favoured for savoury and refreshing tastes.

Such corn-processed sponge, layer and roll cakes with strawberry, milk cream and cocoa flavours, corn cookie and biscuit with black glutinous rice, popcorn and other corn foods are tastier and more nutritious than those made of wheat flour.

Boiled rice mixed with a tiny amount of corn grits has a tasty relish and is good for health.

The corn products and dishes served in the exhibition house are the successful outcome of the high sense of patriotism and devotion for the country and people cherished by its employees including Manager Kang Chol Su, and their strenuous efforts to contribute to improving the people's living standards.

Corn is one of the major grains cultivated in Korea. A decade ago the technicians and workers who engaged in noodle processing undertook the development of corn products for not only staple foods but also sweet foods, tea and other drinks.

Though they had lacked either experience or expertise, they strove to develop new products and set up necessary production lines. They solved the most knotty problem in corn processing, removal of outer skins, germs and ash, and succeeded in ultrafine grinding, thus opening a bright prospect for corn processing.

The Kumok Corn Foods Exhibition House, with the production base furnished with modern processing facilities and competent research personnel, is winning popularity with its new products and various corn dishes.

It has sports and catering facilities to accommodate the customers' convenience and add pleasure.

Not only Pyongyang citizens but also foreigners staying in the DPRK favour its corn products and foods.

Officials and workers at the exhibition house are displaying greater enthusiasm to implement the WPK's policy of making the people enjoy the highest quality and standard of civilization.

*Article: Kim Thae Hyon  
Photo: Ri Hak Myong*



The exhibition house has its own base for processing corn and preparing corn foods.

# Kwanum Temple



Taeung Hall and some of its interior decorations.



Monument to construction of Kwanum Temple.

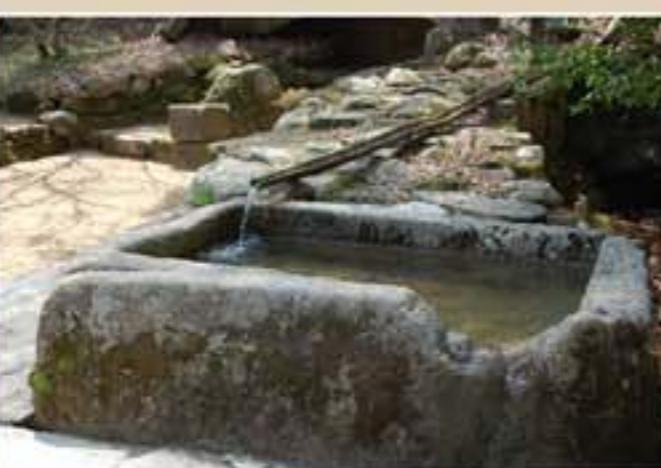


Table for religious services.



Stone bathtub.



Marble image of Merciful Goddess.



The building is painted in kum tanchong.  
The 4.77 m-high seven-storey pagoda standing to the west of Taeung Hall is representative of the architecture in the Koryo period.

The nuns' living quarter is an L-shaped, gabled house with four bays in front (10.7 m), four on the west side and two on the east side.

There is Kwanum Cave at the back of the temple, and it was there even before the construction of the temple.

The two images of the Merciful Goddess found in the cave are marble sculptures, rare to be seen in those days.

The 1.2 m-tall opalescent image depicts the seated goddess wearing a gorgeous crown and ornaments. Her pleated clothes hanging down gently look delicate and beautiful.

Kwanum Temple sustains characteristic features of old architectural structures of the country and has a well-balanced structure. An excellent architectural heritage of the Korean nation, the temple is now preserved as the precious cultural asset.

Article: Pak Yong Jo  
Photo: Pak Chang Bok

**K**aesong was the capital of Koryo (918-1392), the first unified state in Korea. The city boasts many historical sites and relics, such as mausoleums of King Wang Kon and King Kyonghyo or Kongmin, Walled City of Kaesong, Taehungsan Fort, the south gate of Kaesong, bell in the Yonbok Temple, Manwolae, Kaesong Chomsongdae Observatory, Koryo Songgyungwan, Sonjuk Bridge and Phyochung Monuments.

Among them is Kwanum Temple located near the Pagyon Falls at the foot of Mt Chomna.

Built in 970, the temple was expanded in 1393 and repaired on several occasions. The current temple was rebuilt in 1646.

Originally, the temple was composed of five buildings, and now remained are Taeung Hall, nuns' living quarter, seven-storey pagoda and Kwanum Cave.

Taeung Hall, main building, is not big, three bays in front (8.4 m) and three on each side (6.61 m).

It has altogether 32 roof-supporting devices on the flat structural part, seven brackets outside and nine inside, and the brackets on four corners and in the middle of the front side have sculptures of dragon heads.

The building has a coffered ceiling around which is a narrow, sloping one.

Deep inside the building is the Buddhist altar fixed with a two-storey small structure. The reddish structure with 17 elegant decorative units is a gorgeous artefact.