

# Kuwait to launch climate change-measuring nanosat

First in GCC and North Africa to send cubesat to near space

KUWAIT CITY, Feb 20: KSF Space Foundation announced that the State of Kuwait will be the first in GCC and North Africa to send a cubesat to near space to measure climate change and ultra violet radiation in partnership with KSF Space's next mission, scheduled for high altitude balloon launch in June of 2021, reports news.satnews.com.

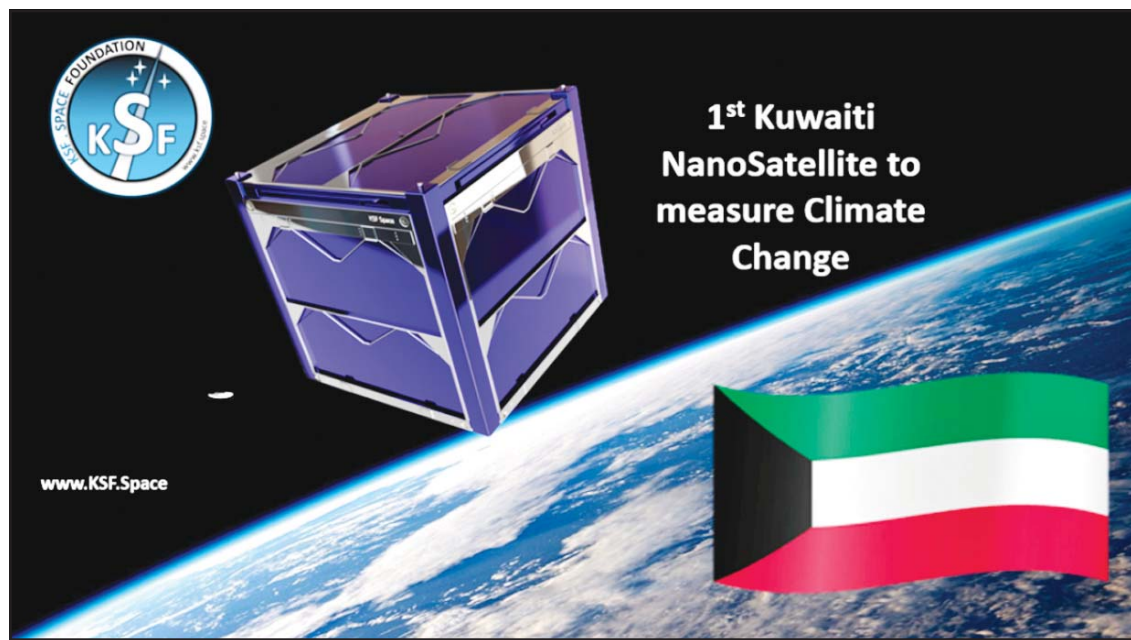
Kuwait College of Science & Technology (KCST) will be the lead across all universities in the GCC (Gulf Cooperation Council) and North Africa (NA) region for this experiment.

The project is locally managed by the KSF Space Officer in Kuwait, Engr Loai Amous, along with KSF Space team officers.

## Vision

This is an effort to give KCST students an outlet and experience with the platform that will not limit the students' vision and instead "take them to space."

The mission will be carried on a small space capsule made by KSF Space Foundation. The nose of the capsule will be hosting the bacteria cells in a chamber, while the rest of the capsule will carry 5 smallsats from five countries.



A rendering of Kuwait's 1st nanosatellite to measure climate change.

This mission will be flying from the UK using a zero pressure space balloon and will reach to near space.

Kuwait College of Science & Technology is collaborating with the KSF Space Foundation, which is a non-profit foundation that was founded to enable cost-efficient access to LEO with zero-environmental impact. The foundation encourages universities to develop R&D missions using smallsats as they have now play an important role in developing future, scientific

space missions.

The foundation offers space related training, NEP Certification, technology testing for satellites, ozone and climate experiments to stratosphere, and much more, which in turn is of great value for our students. This helps them gain quality hands-on experience and a broad range of live examples for them to test in real life and gain as much knowledge as possible.

Prof. Khalid Al-Begain, KCST President, said, "The KCST & KSF collaboration entails training 12

KCST students, guiding them and recommending the proper hardware that will be needed to build the 3D printed space capsule. The satellite will be conducting research that focuses on stratospheric studies on the Ozone Layer."

"The purpose of the project is to better understand the reaction of climate change and measuring ultra violet radiation in space. The expected results could prove valuable information for human and science," said Dr. Kayyali, the Chairman of KSF Space.

Public school teachers asked to register for vaccination

## Education moves stagnant water, announces 6 vacancies

By Abdulrahman Al-Shimrari  
Al-Seyassah Staff and Agencies

KUWAIT CITY, Feb 20: In a remarkable development to move stagnant waters and fill the vacant supervisory positions in various sectors which remained vacant for years, the Ministry of Education announced six openings at once with specific conditions.

The person who gets the job must be available for work for a period of no less than 8 years or must have obtained a specialized diploma or high school diploma, in addition to a two-year course or its equivalent, and experience in the field of work for a period of no less than 12 years, and must have been a department head for a period of two years and hold excellent competency report for two years and must be proficient in the use of computer, in addition to specialized courses that serve the career field, and must pass the personal interview.

While the conditions for applying for the vacancy of the head of the department have been specified, the person wishing to occupy the position must have a university qualification with an appropriate specialization, and experience in

the field of work for a period of no less than 6 years, or he must hold specialization or high school diploma.

This is in addition to a two-year course or equivalent and experience in the field of work for a period of not less than 10 years.

## Emerging

In other news, the Ministry of Education has called on all teachers, both Kuwaitis and expatriates to expedite the vaccination process against the 'emerging coronavirus', especially since the Ministry of Health has given them priority for vaccination over others category, reports Al-Anba daily.

This came in a letter issued by the Undersecretary for Public Education at the Ministry of Education, Osama Al-Sultan to the educational districts and the Religious Education Department.

The letter, a copy of which has been obtained by the daily, calls for circulating the instructions to all schools of various educational stages and kindergartens to urge members of the educational and administrative staff in schools to register on the Ministry of

Health website so that they can be prioritized for vaccination appointment, indicating that if an individual has already registered, he/she can enter to amend and update the data and choose the Ministry of Education in the profession field.

Meanwhile, within the framework of its preparations for the second semester and the decision to continue the distance learning system, the Ministry of Education has been exerting tremendous efforts to implement its plan in the best interest of students, reports Al-Anba daily quoting sources from the educational sector.

## Subjects

Sources disclosed the number of classes for practical subjects in the second semester has been reduced, divided and distributed accordingly; indicating that the goal is to focus on the basic learning materials deemed beneficial for the students.

Sources said the number of classes for physical, music and arts education will be reduced; clarifying that the schedule of classes depends on the capabilities of the schools' administration.

## 'Hospital'

Municipality OKs Health's request

KUWAIT CITY, Feb 20: The Kuwait Municipality has approved the Ministry of Health's request for land measuring 50,000 square meters to construct a hospital with parking and other facilities for health insurance beneficiaries in South Abdullah Al-Mubarak in the southern part of the Sixth Ring Road, reports Al-Qabas daily quoting a reliable source.

The source told the daily that the Municipality stipulated the construction of a one-way service road with a total width of 15 meters surrounding the project site in the eastern, northern and western parts; and a two-way service road which is 25 meters wide on the southern side of the site.

The source disclosed there will be two roundabouts connecting the project site with the Seventh Ring Road along with the storage lanes.

## 'Done within 15 minutes'

Al-Sabah Hospital launches its rapid remote diagnosis service

By Marwa Al-Bahravi  
Al-Seyassah Staff

KUWAIT CITY, Feb 20: The Head of the Tissue Unit at Al-Sabah Hospital, Dr Maryam Al-Murshid, announced the launch of the rapid remote diagnosis service for tissue samples by the hospital's tissue laboratory to serve patients with specialized surgeries in the Al-Sabah Medical District which can be done within 15 minutes, saying this service is the first of its kind in Kuwait.

Dr Maryam said in a press statement the service depends on the advance notification by the surgeons to the histologist of the date of the operation, the patient's condition and the data, and accordingly the tissue unit team of Al-Sabah Hospital prepares daily to send the tissue specialist (with a histopathologist if necessary) to the rapid diagnosis laboratory located at Chest Hospital operations ward approximately half an hour before the specified time, and the laboratory team receives the sample from the surgeon, examines it, cuts it, dyes it, and scans it electronically within 15 minutes.

She added: "The consultant histologist can examine it while he is in the Al-Sabah building for surgery, as this mechanism provides the ability to examine the glass slide and move it as if it is with him so that he can issue a diagnosis and give information by phone to the surgeon."

She explained this mechanism shortened the time it took earlier which was approximately an hour and a half to only 15 minutes, which is an achievement in itself, pointing out that the mechanism allows receiving rapid diagnostic request



Dr Maryam Al-Murshid

remotely for several operations per day through prior coordination.

She indicated the service now includes patients of the Chest Hospital, and the Zain Center and Ibn Sina Hospital.

Dr Maryam said Histopathology unit of the Al-Sabah Hospital laboratory that serves the Al-Sabah Specialized Medical District receives samples that are surgically removed from the specialized hospitals, Zain Ear, Nose and Throat Center, Chest Diseases Hospital, the Ibn Sina Hospital for Brain and Pediatric Surgery and Al-Razi Hospital then study those tissue samples from patients to produce detailed reports about the tumors (the type of tumor) its name and its therapeutic receptors, in addition to that, the unit provides a rapid diagnostic service, which aims to help the surgeon during the eradication process by providing a quick diagnosis for him.

## Diraya campaign releases video on different types of bank cards

KUWAIT CITY, Feb 20: To enhance financial awareness across all segments of society and as part of the banking sector's social responsibility, the Central Bank of Kuwait-supervised "Be Aware" Campaign (Diraya in Arabic) introduced a video detailing the different types of bankcards.

The video addresses the different types of bankcards and the advantages and facilities that come with each, for example, ATM, pre-paid, and credit cards that can be used to purchase goods and services via the internet and points of sale and to withdraw cash via ATMs in Kuwait and abroad. The video goes further, offering advice on how to avoid bankcard scams, as well as important tips on using the cards abroad, withdrawal transactions fees, safe and secure use of the cards, and avoiding suspicious transactions. The video also addressed the key advan-

tages provided by credit cards, whether the customer opts to use them in Kuwait or abroad.

In a statement, the CBK stressed the importance of public campaigns to raise awareness of customers' rights, which the Bank aims to protect through its instructions to the banking sector and the measures and precautions it urges.

Such campaigns are also important to support customers with the boom in electronic payment means and channels.



Diraya campaign poster

## Huawei will launch all-new neckband, the HUAWEI FreeLace Pro in Kuwait Aimed for younger users with extra-long battery life and top-grade noise cancellation



Huawei will launch its new noise cancelling neckband earphones, the HUAWEI FreeLace Pro in Kuwait. The new HUAWEI FreeLace Pro boasts an extra-long battery life of 24 hours, dual-mic active noise-cancelling feature for premium noise cancellation along with fast charging and pairing to deliver an upgraded user experience. It also inherits the colourful, stylish appearance of the previous HUAWEI FreeLace and adds improvements in sound quality.

The HUAWEI FreeLace Pro will be available on Huawei's official website and across select retailers in Kuwait starting from 24th February priced at 29,900 KWD in colour variants of Dawn White, Graphite Black, Sakura Pink and Spruce Green.

### 24-hour battery life and fast charge experience

HUAWEI FreeLace Pro battery life sets a new standard for wireless neckband headphones. Its built-in 150mAh 3C lithium-ion polymer battery can last up to 24 hours on a single full charge. And you can use your PC, tablet or smartphone with a USB-C port to fast charge your HUAWEI FreeLace Pro any time with just five minutes charging, it could offer up to 5 hours of music playback.

### Maximum 40dB ANC depth with dual-mic active noise cancellation for extra quiet

These days, many people enjoy the hustle and bustle of the city. Building on the previous generation, HUAWEI FreeLace Pro includes a new ANC feature for those people. With two built-in high-sensitivity microphones, the feedforward microphone picks up the

noise outside of the ear and the feedback microphone picks up the residual noise in the ear canal. And the speaker can accurately generate noise cancellation sound to eliminate noise. Unwanted noise is reduced by maximum 40dB.

### 3-mic Call Noise Cancellation for all-day clear call

In addition to dual-mic active noise cancellation, the HUAWEI FreeLace Pro has exceptional noise cancellation capabilities for phone calls. In contrast to single-microphone call noise reduction, the HUAWEI FreeLace Pro employs a 3-microphone adaptive system which weakens interference from ambient noise or wind noise, retaining all the character of the human voice whilst enhancing the clarity of the call. Even if you are conducting a voice call and meeting in the noisiest environments such as the underground, by the roadside, or in strong winds, you can communicate as clearly and easily as though you were face-to-face.

### 14mm large dynamic driver brings you better sound quality

In addition to exceptional noise reduction capabilities, the best headphone products should also treat the listener's ears to a better sound quality. The HUAWEI FreeLace Pro features a large 14mm dynamic driver unit. This larger, dynamic driver unit features improved materials, notably a high-strength, lightweight magnesium-aluminium alloy diaphragm, as well as an independent bass tube for more detailed three-band sound. Capable of achieving both tranquil silence and superb sound quality, the HUAWEI FreeLace

Pro allows you to relax and enjoy your music time in peace.

### One plug for fast pairing and charging

The HUAWEI FreeLace Pro continues the unique HUAWEI HiPair with its USB-C design, so that it can use any smartphone, PC or tablet to fast-charge at any time.

When the earphones are plugged into a smartphone or tablet, the device will automatically open a pop-up window to prompt Bluetooth pairing, which is more convenient than traditional Bluetooth pairing and charging methods.

Users nowadays often use more than one device.



By double click the HUAWEI FreeLace Pro, the earphones will automatically connect to the previous connected device, so that users can switch between devices at ease.

The HUAWEI FreeLace Pro also has a Low Latency gaming mode which activates when a game is turned on. It uses an optimized wireless audio codec that enables the earphones to greatly lower audio latency in-game to as low as 150ms.

### Colorful and fashionable design to create a new trend in neckband

No matter where you are, you can wear your FreeLace Pro all-day. In this design concept, the HUAWEI FreeLace Pro represents a bold break. It's lightweight, colourful and fashionable, like a music necklace.

For better wearer comfort and stability, the HUAWEI FreeLace Pro have ergonomic tri-hold structure tips. In addition, the lightweight body is formed of a nickel-titanium alloy memory neckband, wrapped with skin-friendly silicone to ensure comfort and fit when worn. It has the special physical property of being easy to fold and restore to its original shape, which further enhances the comfort when worn during exercise or commuting.

### Pricing and availability

HUAWEI FreeLace Pro comes in three timeless colour variations: Dawn White, Graphite Black and Spruce Green all available for purchase from Huawei's official website and retailers in selected markets starting from 24th February 2021.