Public Display of Student's Architectural Projects

Faculty of Engineering, Science and Technology (FEST) is having a Students Work Exhibition to display the design works of Architecture and Interior Design students carried out in the second term of 2021. The exhibition will be held from 30th Nov to 2nd December 2021 at FEST building in This is a bi annual event organized by the faculty to showcase the design process and the works of the students to the public.

As part of the event, the students present their work to practitioners from the industry and get first hand feedback from professionals. This exchange of ideas and feedback allows them to grow and build their design and communication skills before venturing into industry. The students and their works get public exposure, which helps create awareness in the public on the design process, its significance to the community and how architecture and interior design can enhance the quality of life by improving our built environment. Additionally, students get opportunities to display their skills, leading them to form networking connections within the industry and assisting them to kick start their professional career upon graduation.

The event has proven to be extremely helpful to future students, especially higher secondary students and graduates looking to settle on a career. The displays in the exhibition help clarify the thought and study processes involved in architectural and interior design, allowing future students to get a glimpse of what they will experience in architecture and Interior design studies and profession.

From the Dean's Desk

At the start of the new year and a new academic semester, I would like to warmly welcome all the staff and students. At this moment I take pride in taking the central role as dean in leading the faculty. Together with the quality and dedicated staff we can look forward to a great year. It is an honour for me to serve the nation, FEST and you as the newly appointed dean.

Faculty of Engineering Science and Technology was formed by merging two faculties, Faculty of Science formed on the 3 August 2013 and Faculty of Engineering Technology (formed as Vocational Training Centre on the 14 October 1975) on the 1st January 2018.

We have four departments, in the areas of Science, Architecture, Engineering and Computer Science. All of these areas are classified as skill shortage areas of the country. Our goal is to produce graduates who are competent with knowledge, skills and discipline and are ready to take on jobs in their subject area. Over the years we have produced over 500 graduates and most of them are in leading jobs in the

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country. Our graduates are active in academia, industries, some are even pursuing PhD's in well reputed Universities.

The major strength to our faculty is our staff. Our staff are dedicated, well qualified and experienced in their subject areas. With this teaching strength we can achieve our goal which is to provide educational excellence and produce high quality graduates, who are ready to take on jobs in their discipline and also qualified for higher degrees.

We have affiliations with various international bodies including CISCO, Oracle and few others. We have included CISCO and Oracle in our curriculum. Students doing computer Science will graduate with an international CISCO qualification.

Most of our lab facilities are equipped with the state-of-the-art infrastructure to produce technically competent graduates in the area. Our final year students work on innovative projects with the latest cutting-edge technologies with strong industry academia connect. We have produced several innovative projects in the areas of Architecture, Science and Computer Science over the years.

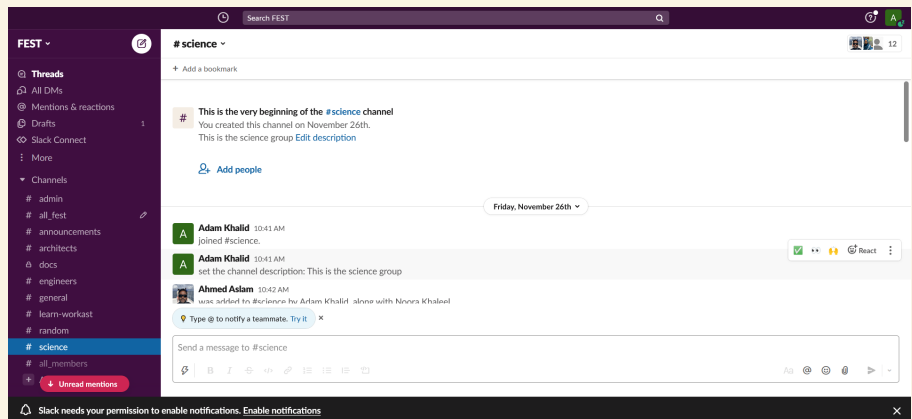Once again welcome you all for a new year and a new academic semester.

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FEST introduces a communication software, SLACK

To improve communication among academic and admin staff and monitor progress of work and to strength management, FEST introduces a software called SLACK. SLACK stands for "Searchable Log of All Communication and Knowledge" and is a chat and a messaging app that is now used by major companies and universities around the Globe. Slack is available on most major platforms including Windows and Mac computers as well as IOS and Android devices. Slack will allow to share files and use integrations with other applications such as Zoom, Trello Google Drive etc:

Slack offers both free and paid plans. The free plan does not limit the number of channels or participants, supports one-on-one voice and video calling, allows searchable access to the last 10,000 sent messages, and accommodates up to 10

integrations. Slack users will get 5GB of server space for files.

Slack will help to do team teaching, work on designing assignments, assessment validations much easier than by using email.

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ސިސްކޯނެޓްވޯރކިންގ އެކަޑަމީ (ނެޓެކަޑް) އަކީ ސިސްކޯ ސިސްޓަމްސް ސިސްޓަމުން އެކުލަވާލައިފައިވާ އޮންލައިން ޕްރޮގްރާމެއް "އެޑިޔުކޭޝަން އެންޑ ޕްރޮފެޝަނަލ ވެބް ކާރިއަރ ޕްރޮގްރާމެއް" ގޮތުގައި ދުނިޔޭގެ ގައުމުތަކުގެ 24 އަހަރުވެފައިވާ، ދުނިޔޭގެ އެންމެ ދަރުސާދު ރޮނގުގައި ފުޅާވެފައިވާ މިއަހަރުގެ ރެކޯޑެއް ހައްދަވައި ނެޓްވޯރކ 3 މިލިޔަން ދަރިވަރުން ދަސްވެނިވެފައިވާއިރު، 95% ދަރިވަރުންނަށް ވަޒީފާގެ ފުރުސަތުތައް މިހާރުގައި ލިބިފައިވާ ރޮނގުން ފާހަގަކުރެވިފައިވެއެވެ.

ދިވެހިރާއްޖޭ ގައުމު ނެޓްވޯރކިންގ ސިސްކޯ ނެޓްވޯރކިންގ އެކަޑަމީގެ ޕްރޮގްރާމަށް ފެށިގެންދިޔަ ފަށައިފައިވަނީ 2004 ގައެވެ. އަދި 2020 ވަނަ އަހަރު އިންސްޓްރަކްޓަރ ޓްރެއިނިންގ ސެންޓަރ (އައި.ޓީ.ސީ) ގޮތުގައި ފެށި ދެވިފައެވެ. މި ފެށިގެން މިހާތަނަށް 659 ދަރިވަރުން ފަށު ސިސްކޯ އެކަޑަމީގެ ގޮތުގައި އައި ކޯސްތައް ފުރިހަމަ ކޮށްފައިވެއެވެ. އަދި އައި.ޓީ.ސީ ދަރުސް 5 އިންސްޓްރަކްޓަރުން މޮޑިޔުލުކުރެވިފައިވެއެވެ.

ދިވެހިރާއްޖޭ ގައުމު ނެޓްވޯރކިންގ ހިންގާ ޖެހޭ ޕްރޮގްރާމްތަކުން ބެލެވެނީ އެދި އިސްދަވާޅަން ބެލެވޭނީ، ބެލެވެނީ އެދި ކަމުގައިއެކު ސަވާންނެ، އަދި އެވެވެއެ ސާފުވެގެ އެނ އިސްދަވާޅަން ބެލެވޭނީ ކުރިގެނައައި ބެލެވަނި އެކެ ޖެ އެނދެ ސަވައި، އިސްޑައައެ ސެ ނެޓްވޯރކިންގ ނެޓްވޯރކިންގ އެންމެ ޖެ ފެޅައުޑިނައެ ސަވާންނެ، ފަސިދާ ނެޓްވޯޅޭ އެދި ޕްރޮގްރާމްނެ، އިސްޑާރކަވާޅޭ ޖެ ޕްރޮގްރާން މޮޑޭ ޖެ ކަމައައެ ޅ ކަރުވާޅޭ ސިސްކޯ ނެޓްވޯރކިންގ އެކަޑަމީ ކާރުވައޖާޑެމޮޑ އޮ ޑ ޖެ ޖި ނަމޭޑ އ ޑަނަ ޖެ އެ ޖި ޖި ކ ޖ ފ ޖ ހޯ ދަރިވަރުނަނޭ، ސިސްކޯނެޓްވޯރކިންގ އެކަޑަމީ ސޭޕާޓައެ ކ ޖ އ ޑ ސި ޅ ޖ ޑ ޖ ޖ ޖ. ފަސިޑާރކަވަ ޖެ ޕްރޮގްރާމިސްޖެ އެ އި އިސްޑާރކަވާ ޖި ޕްރޮގްރާމިސޭ ޑ ޖ ޑ ޅ އ ޑ ޑ ޖ ދަރިވާޅޭ ޕްރޮގްރާމ ސަ ފ ޖ ޑ ޖ ދ ޑ ޖ ޖ ޖ ޑ ދ ޑ.

ޙޯމޭ ސިސްކޯ ނެޓްވޯރކިންގ އެކަޑަމީން އިންސްޑާޓައިޑޭ ކަސާރދަ ޖ ޕްޓދ ޅ ޖ ޖ ޅ ޅ ދ ޖ ސ ހ ނ ސޭ ފޯރ ޖ ސޭޕާ އަސަ ޓ (ސަ.ޓ ޖ ޑ) ހ 24 ދަރިވަރަށ ފ ޑ ޑ ޅ ޖ ޅ.

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Introductory Workshop on Robotics held for secondary school students

A basic introductory workshop targeted to school students was conducted in August 2021. This workshop was designed to introduce fundamentals of robotics to students and open their minds to the era of robotics. The main aim of the workshop was to create an interest among secondary students in robotics, mechatronics and computer science.

In this workshop students were introduced to microcontrollers, and microcontroller-based systems and its evolution. In this workshop students designed simple electronic circuits with basic intelligence.

The workshop also covered an introduction to robotic algorithms and embedded systems along with fundamentals of robotics. At the end of the workshop students assembled a robotic arm and tested it in groups.

FEST science students visit Thoddoo to study the soil properties

The main objectives of the trip were to visit agricultural farms of Thoddoo island and study the soil properties, plant and crop properties and farm management activities being practiced at the farm. Using the field experience of the trip, students were able to practically apply the knowledge gained through the content of the subject to best management practices in order to find solutions for the problems faced in agriculture. The students were able to characterize local soil properties important to soil fertility, discuss best management practices to manage soil for soil and plant health, describe the effects of excessive fertilizer use and pesticides and change of land use patterns, and make recommendations for agricultural practices that can be used for sustaining soil health.