

Kingdom Of Saudi Arabia

Ministry Of Education

University of Bisha

Faculty of Applied Medical Sciences

Female Students Affairs Unit

Students activities unit

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



المملكة العربية السعودية

وزارة التعليم

جامعة بيشة

كلية العلوم الطبية التطبيقية

وحدة شؤون الطالبات

وحدة النشاط الطلابي

Hackathon competition report


Friday 1/8/1443 corresponding 4/3/2022

Introduction to the Hackathon:-

Hackathon Olympiad Health Innovation 2022

A Hackathon is a kind of global competition in which programmers gather to develop software and other projects in the fields of computer. The Hackathon competition aims to stimulate young minds and encourage them to be creative in the field of software design and development.

King Saud bin Abdulaziz University for Health Sciences held the Science Olympiad Health Innovation Hackathon 2022 as part of the university's strategic plan, which included the implementation of programs targeting future skills of university students to enable them to meet the goals of the Kingdom's Vision 2030 The Hackathon aims to promote a culture of innovation in society and urge creative individuals to employ and refine their technical skills by contributing to the development of the health field, raising the level of health services and facing challenges, by creating various software solutions that include computer programs and smart phone applications, in addition to advanced devices and robots. .




The Olympiad lasted for five days from the first Thursday of Shaban 1443 AH corresponding to March 3 to 2022 to the fifth Monday of Shaban 1443 corresponding to March 7, 2022 with the participation of 22 Saudi universities, for example, the College of Computer and Information Sciences at King Saud University, the University of Bisha, Tabuk, University of Jeddah, Princess Nour University and the participation of the Saudi Authority for Data and Artificial Intelligence (Cydia), the General Authority for Small and Medium Enterprises (Facilities), the Saudi Authority for Intellectual Property, AstraZeneca, Moderna Vaccine Company.

And the number of 202 innovative ideas from various Saudi universities, and the competition continued between the participating teams to develop their projects. After evaluation and review by the scientific committee, 40 innovative projects were chosen to work on and present them as ambitious projects on the day of arbitration, and then the university adopted them with strategic partners and consultants.

The Olympiad included the innovative exhibition, which contained 10 innovative panels illustrating the winning ideas from the past year, which were adopted by a group of different companies.

The College of Applied Medical Sciences participated in the generous sponsorship of His Excellency the Dean of the College, Dr. Muhannad Al-Hujaili, His Excellency the Vice Dean, Dr. Aisha Muqbel Al-Manei, and the leadership of Dr. Muhammad Al-Qahtani, Director of the Student Psychological Counseling Center, and the supervision of the Student Activity Committee represented by Dr. Khaled Hamdy, Head of the Unit, and Dr. Amal Muhammad Al-Hussein The unit coordinator and three teams of female students (nursing, medical laboratories and computer sciences) and two teams of students (medical laboratories and respiratory therapy) to travel to King Saud bin Abdulaziz University for Health Sciences in Riyadh on Friday 1 Shaban 1443 corresponding to March 4 2022 to attend the Olympics activities in four Days until Monday 4/8/1443.





The attendance was as follows:-

1) Innovative exhibition.

Photo report of the innovative exhibition:-

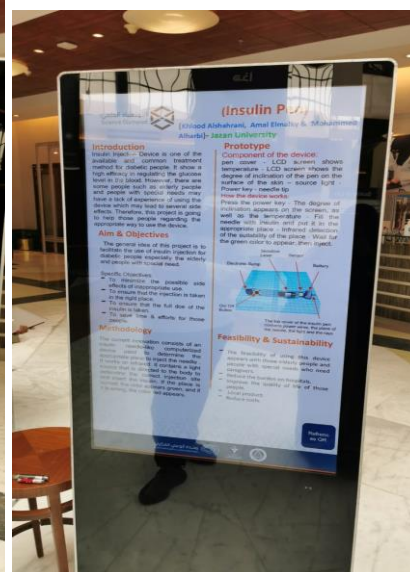
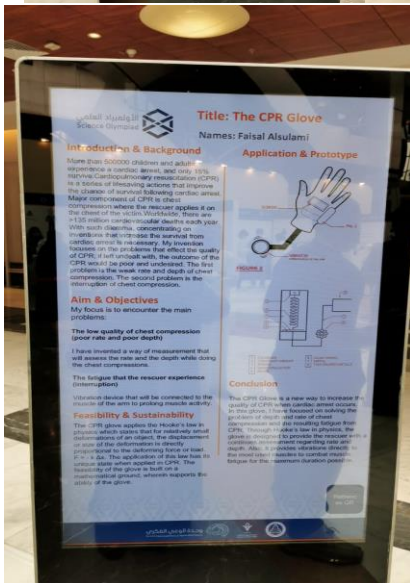
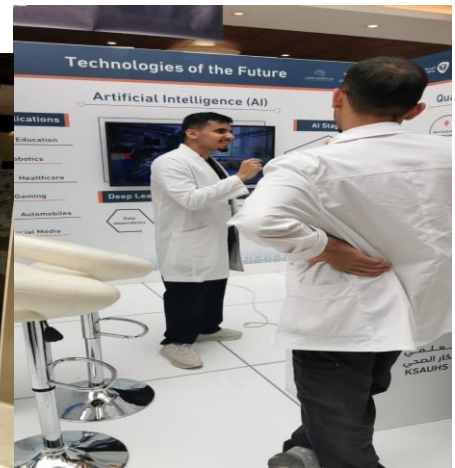
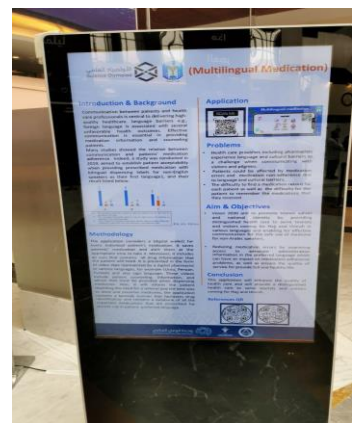
المبنى الرئيسي
جامعة الملك سعود بن عبدالعزيز
للعلوم الصحية - الرياض

المعرض الابتكاري

جدول المعرض الابتكاري
7-5 مارس 2022

- 01 **يوم السبت:**
من 10:00 صباحا إلى 4:00 مساء
فترة استراحة: من 12:30 إلى 1:30
- 02 **يوم الأحد:**
من 9:00 صباحا إلى 7:00 مساء
فترة استراحة: من 12:30 إلى 1:30
- 03 **يوم الاثنين:**
من 9:00 صباحا إلى 7:00 مساء
فترة استراحة: من 12:30 إلى 1:00
- 04 **الحفل الختامي:**
من 1:00 مساء إلى 2:00 مساء
- 05 **جولة في المعرض:**
من 2:00 مساء إلى 7:00 مساء

Logos at the bottom include: KSAUHS, Saudi Intellectual Property Authority, SDAIA, Monsha'at, and the Ministry of Education.



1) Attending workshops over three days.

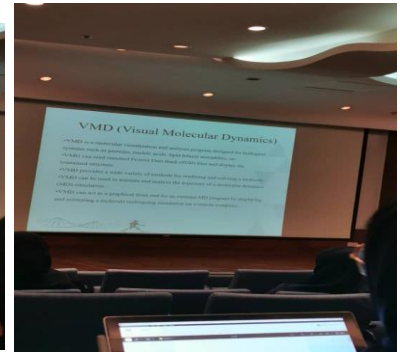
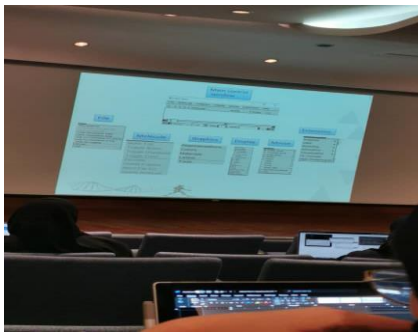
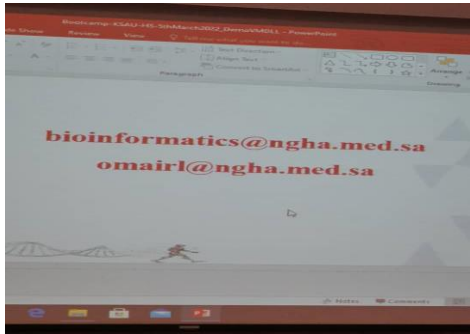
جدول هاتون الابتكار الصحي والمعرض الابتكاري				
المسار العام في هاتون الابتكار الصحي والمعرض الابتكاري				
Date:	Event:	Speaker:	Time:	Location:
Saturday, March 5th	Science Olympiad Inventions Exhibition	Dr. Amr Alsharif Dr. Mohamed Elmaghrabi Dr. Hani M. Elmaghrabi	09:00 AM - 4:00 PM	LOBBY Convention Center
	RODF CAMP: Data Analysis for Health care	Dr. Amr Alsharif Dr. Hani M. Elmaghrabi	09:00 AM - 03:00 PM	FAO (A) Convention Center
	Talk: Fascinating Future Health	Dr. Hani M. Elmaghrabi	02:15 PM	AMRE HALL, Al-Madinet Center
	Talk: Emerging Innovations	Dr. Hani M. Elmaghrabi	02:15 PM	AMRE HALL, Al-Madinet Center
Sunday, March 6th	Science Olympiad Inventions Exhibition	Dr. Amr Alsharif Dr. Mohamed Elmaghrabi Dr. Hani M. Elmaghrabi	09:00 AM - 4:00 PM	LOBBY Convention Center
	RODF CAMP: Machine Learning	Dr. Amr Alsharif Dr. Mohamed Elmaghrabi	09:00 AM - 03:00 PM	FAO (A) Convention Center
	Open Innovations: Data Ethics and Artificial Intelligence	Dr. Amr Alsharif Dr. Mohamed Elmaghrabi	09:00 AM	FAO (A) Convention Center
	Open Innovations: Open Innovations at KAUST	Dr. Amr Alsharif Dr. Mohamed Elmaghrabi	09:00 AM	FAO (A) Convention Center
Monday, March 7th	Science Olympiad Inventions Exhibition	Dr. Amr Alsharif Dr. Mohamed Elmaghrabi Dr. Hani M. Elmaghrabi	09:00 AM - 11:30 PM 02:00 PM - 07:00 PM	LOBBY Convention Center
	Open Innovations: Inside Innovation	Dr. Amr Alsharif Dr. Mohamed Elmaghrabi Dr. Hani M. Elmaghrabi	11:30 AM - 12:30 PM	FAO (A) Convention Center
Monday, March 7th	Closing Ceremony & Honouring the Winners		01:00 PM 02:00 PM	

جدول الفرق المتنافسة في هاتون الابتكار الصحي				
Date:	Event:	Speaker/Entrants	Time:	Location:
Thursday, March 3rd	Registration	Hackathon Team	08:00 PM	
	Hot Day Opening	Hackathon Participants	08:45 PM	
	Workshop (1): Selection Process	Hackathon Participants	09:00 PM	CPD
	Workshop (2): Development of Ideas	Hackathon Participants	09:00 PM	
Friday, March 4th	Registration	Hackathon Team	09:00 PM	
	Hot Day Opening	Hackathon Participants	09:45 PM	
	Challenge Start	Hackathon Participants	10:00 PM	CPD
	Workshop (3): Prototyping & presentation	Hackathon Participants	10:00 PM	
Saturday, March 5th	Registration	Hackathon Team	09:00 AM	
	Hot Day Opening	Hackathon Participants	09:45 AM	CPD
	Challenge Start	Hackathon Participants	10:00 AM	MarTower
	Workshop (4): Prototyping & presentation	Hackathon Participants	10:00 AM	
Sunday, March 6th	Registration	Hackathon Team	09:00 PM	
	Hot Day Opening	Hackathon Participants	09:45 PM	
	Final Pitch	Hackathon Participants	10:00 PM	CPD
	Workshop (5): Prototyping & presentation	Hackathon Participants	10:00 PM	
Monday, March 7th	Closing Ceremony & Honouring the Winners		01:00 PM 02:00 PM	



Saturday Workshops:-



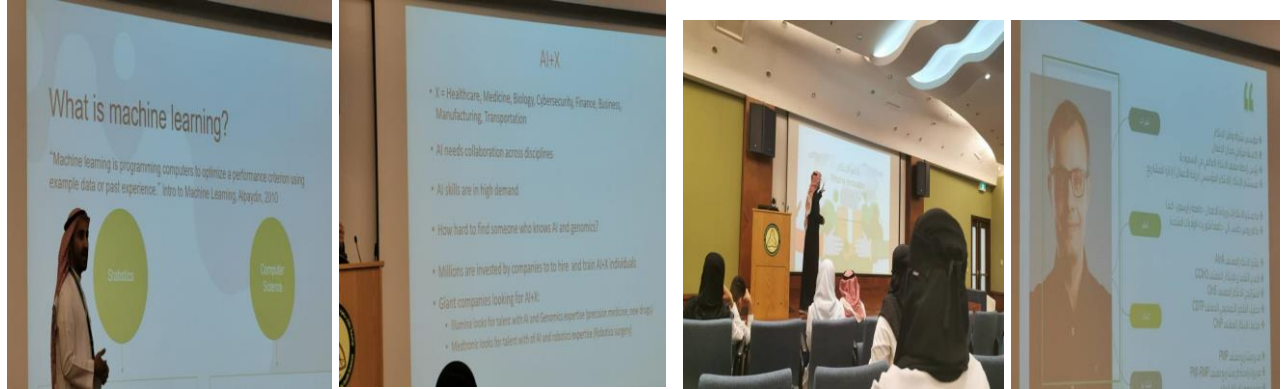


Honoring Saturday Doctors:-



Sunday workshops:-

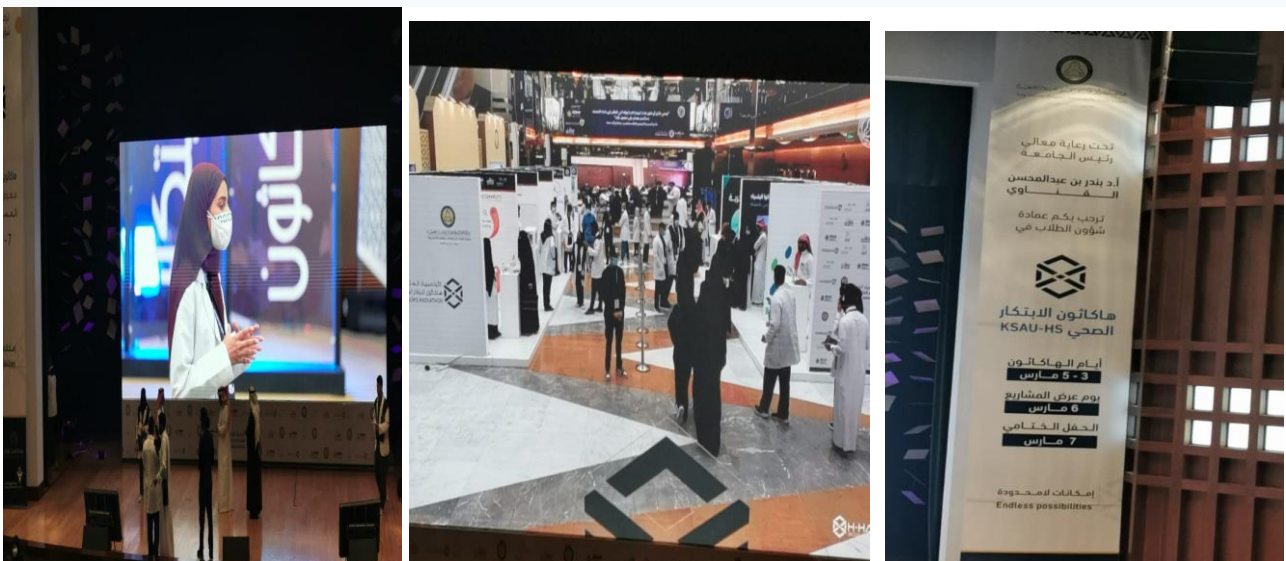




Honoring Sunday Doctors:-



1) The closing day event, announcing the winning teams and honoring the committees and winners

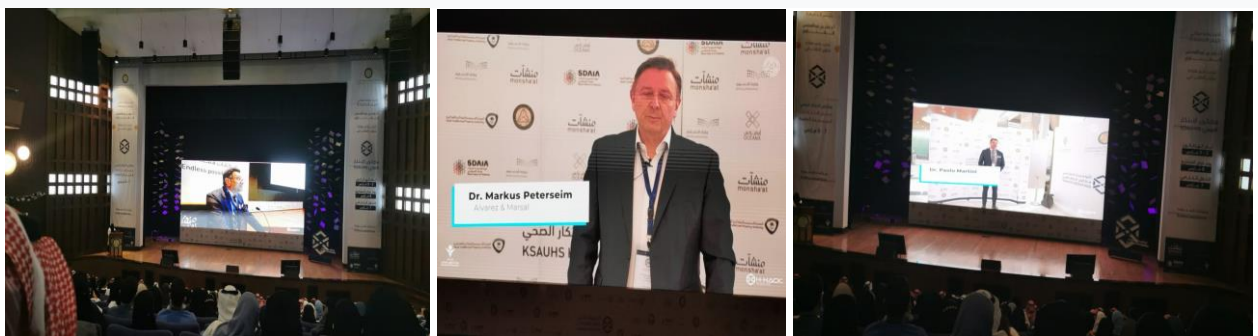




Metro trip inside the university:-



Honoring Doctors Monday:-



Student Affairs Unit
Vice dean of Applied Medical Sciences Faculty
Dr. Aisha Mogbil Almanaei

Coordinator of Student Affairs Unit
Dr. Amal Mohamed Elhusein Salih