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ERASMUS+ PROGRAMME
Erasmus+ - Key Action 2
Capacity Building in the Field of Higher Education
Project No: 585980-EPP-1-2017-1-DE-CBHE-JP
Training for Medical education via innovative eTechnology
(MediTec)

The University of Jordan
Student training workshop I

01-05.08.2021



ERASMUS+ Programme – MediTec Project number: 585980-EPP-1-2017-1-DE-CBHE-JP

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Introduction:

Under Erasmus plus project titled with MediTec project, The University of Jordan in cooperation with the local coordinator the Jordan University of Science and Technology (JUST) and Leipzig University (HTWK) conducted a training workshop for medical students from partner universities (The University of Jordan, Hashemite University, Princess Sumaya University for Technology, Yarmouk University and University of Duhok).

The training workshop conducted for Two Weeks, the first week was at the University of Jordan-Aqaba branch, started by a welcoming speech by the UJ President of Aqaba branch Prof. Riyadh Manasreh, then Dr. Mazhar Al-Zoubi from Yarmouk University introduced the training agenda to the participants after welcoming them.

The main topic for the training was titled Digital World and impact on Medicine, & Applications of Virtual Reality in Medical Education Presented by Dr. Ales Bourek from MUNI in Cooperation with Dr. Mazhar Al-Zoubi from YU, also Dr. Lalit Garg from UM gave a training titled Artificial Health Intelligency: making sense of Health data, Dr. Ramanadeep Garg from UM gave a training about Nutrition and health and Dr. Sandra Buttigieg also gave online training about Measuring safety and safety culture.

The training on Digital World and impact on medicine & Applications of Virtual Reality in Medical Education proceeded for 4 days which covered different aspects like:

- 1- Electronic medical applications available on Android and MS windows and Platforms.
- 2- Interaction between “health” and “digital” – Understanding the impact and effect of digital technologies in the process of care for patients.
- 3- What is the role of Health Informatics in the patient care process.
- 4- A critical look at available digital tools (healthcare related applications and software), what is on the market, which healthcare areas are covered, possible future scenarios.
- 5- Applications of Virtual Reality in Medical Education: Part 1: Surgery
- 6- Applications of Virtual Reality in Medical Education: Part 2: Molecular Biology.
- 7- Applications of Virtual Reality in Medical Education: Part 2: Emergency
- 8- Applications of Virtual Reality in Medical Education: Part 3: Biochemistry



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9- Applications of Virtual Reality in Medical Education: Part 4: Basic Sciences

In the last day there was a field visit to the Islamic Hospital at Aqaba city, the students had a chance to visit different departments and units at the hospital like Heart Catheterization Room, ICU, Emergency unit, Mortuary, Essential gases cylinders, Orthopedics section, Blood laboratory and Sterilization room.

The field visit continued for three hours, the presenters were from the hospital staff employees.

The moderators for this visit were Dr. Walid Salameh, Dr. Mazhar Al-Zoubi and Dr. Aiman Al-Sharei.

Time	Activity/ Topic	Lecturer
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<p>First Week Moderator: Dr. Mazhar AL-Zoubi Place of Training Auditorium University of Jordan / Aqaba Branch</p>		
<p>First Week August, 1st – 5th 2021 Aqaba– Jordan</p>		
<p>Sunday, August 1st, 2021</p>		
08:30 – 09:00	Registration	–
09:00 – 09:15	Welcome Speech from UJ President / Aqaba Branch	Prof. Riyadh Manasreh, UJ President / Aqaba Branch
09:15 – 9:30	Welcome Speech and Introducing participants	Dr. Mazhar ALZubi, YU
09:30 – 11:00	Digital World and impact on medicine: electronic medical applications available on Android and MS Windows platforms & Applications of Virtual Reality in Medical Education Part 1: Surgery	Dr. Ales Bourek, MUNI & Dr. Mazhar ALZubi, YU
11:00 – 11:30	Break	–
11:30 – 13:00	Digital World and impact on medicine: Interaction between "health" and "digital" – Understanding the impact and effect of digital technologies in the process of care for patients & Applications of Virtual Reality in Medical Education Part 1: Surgery	Dr. Ales Bourek, MUNI & Dr. Mazhar ALZubi, YU
13:00 – 14:30	Digital World and impact on medicine: What is the role of Health Informatics in the patient care process & Applications of Virtual Reality in Medical Education Part 2: Molecular Biology	Dr. Ales Bourek, MUNI & Dr. Mazhar ALZubi, YU
14:30 – 15:30	Lunch and Closing	
<p>Monday, August 2nd, 2021</p>		
08:30 – 09:00	Registration	
09:00 – 10:30	Digital World and impact on medicine: A critical look at available digital tools (healthcare related applications and software), what is on the market, which healthcare areas are covered, possible future scenarios.	Dr. Ales Bourek, MUNI & Dr. Mazhar ALZubi, YU
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	& Applications of Virtual Reality in Medical Education Part 2: Emergency	
10:30 – 11:00	Break	–
11:00 – 12:30	Digital World and impact on medicine: A critical look at available digital tools (healthcare related applications and software), what is on the market, which healthcare areas are covered, possible future scenarios. & Applications of Virtual Reality in Medical Education Part 2: Emergency	Dr. Ales Bourek, MUNI & Dr. Mazhar ALZubi, YU
12:30 – 13:30	Digital World and impact on medicine: A critical look at available digital tools (healthcare related applications and software), what is on the market, which healthcare areas are covered, possible future scenarios. & Applications of Virtual Reality in Medical Education Part 3: Biochemistry	Dr. Ales Bourek, MUNI & Dr. Mazhar ALZubi, YU
13:30 – 14:30	Lunch and Closing	–
Tuesday, August 3 rd , 2021		
08:30 – 09:00	Registration	
09:00 – 10:30	Digital World and impact on medicine: A critical look at available digital tools (healthcare related applications and software), what is on the market, which healthcare areas are covered, possible future scenarios. & Applications of Virtual Reality in Medical Education Part 4: Basic Sciences	Dr. Ales Bourek, MUNI & Dr. Mazhar ALZubi, YU
10:30 – 11:00	Break	
10:00 – 12:30	Artificial Health Intelligence: Making sense of Health data	Dr. Lalit Garg, UM
12:30 – 14:00	Nutrition and health	Dr. Ramandeep Garg, UM
14:00 – 15:00	Lunch and Closing	–
Wednesday, August 4 th , 2021		
08:30 – 09:00	Registration	–
09:00 – 10:30	Measuring safety and safety culture	Dr. Sanda Buttigieg, UM (Online)
10:30 – 11:00	Break	
11:00 – 12:30	Digital World and impact on medicine: A critical look at available digital tools (healthcare related applications and software), what is on the market, which healthcare areas are covered, possible future scenarios. & Applications of Virtual Reality in Medical Education	Dr. Ales Bourek, MUNI & Dr. Mazhar ALZubi, YU

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	Part 5: Special Topics in Basic Sciences	
12:30 – 14:00	Nursing care and simulations	Prof. Lucia Dimunova, UPJS
14:00 – 15:00	Lunch and Closing	
Thursday, August 5 th , 2021		
Plan A		
08:30 – 09:00	Registration	
09:00 – 12:00	Field Visit	
12:00 – 13:00	Discussion	
13:00 -13:30	Evaluation of First week	
13:30 - 14:00	Group photo and Closing	

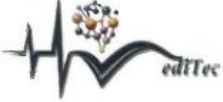
Photos








List of Participants





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MediTec Project
Students Training
University of Jordan
Aqaba – Jordan
August 1st – 5th, 2021

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
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