

## IREEDER IoT Training Workshop Agenda

**14-15 Feb 2022**

Coordinators: Dr. Saud Althunibat & Dr. Moath Alsafasfeh  
Al-Hussein Bin Talal University, Ma'an, Jordan

### Monday 14<sup>th</sup> Feb 2022

Time	Topic	Presenter (s)
09:00-9:30	<b>General introduction to the workshop</b>	Dr. Moath Alsafasfeh (AHU)
9:30-10:00	<b>IREEDER project overview</b>	Dr. Saud Althunibat (AHU)
10:00-11:00	<b>Introduction to IoT</b>	Prof. Saleh Alsaraireh (AHU)
11:00-11:30	Coffee Break	
11:30-12:30	<b>IoT Microcontrollers, Sensors for Data Acquisition and Actuators</b>	Prof. Saleh Saraireh (AHU)
12:30-13:30	<b>Revision of Basic Programming and IoT IDE</b>	<i>Dr. Abdullah Alhasanat</i>
13:30-14:30	<i>Lunch Break</i>	
14:30-15:30	<b>Practical Experiments : Arduino Experiments (1)</b>	Eng. Samiha Falahat(AHU) Eng. Eman Sanon (AHU)
15:30- 16:00	Coffee Break	
16:00 – 17:00	<b>Practical Experiments : Arduino Experiments (2)</b>	Eng. Samiha Falahat(AHU) Eng. Eman Sanon (AHU)

**Tuesday 15<sup>th</sup> Feb 2022**

Time	Topic	Presenter (s)
9:30-10:30	<b>IoT Connectivity Technologies</b>	Dr. Khaled Matrouk (AHU)
10:30-11:30	<b>IoT Connectivity Protocols</b>	Dr. Khaled Matrouk (AHU)
11:30-12:00	Coffee Break	
12:00-13:00	<b>Data Storage and Cloud Systems in IoT</b>	Dr. Khaled Matrouk (AHU)
13:00-14:00	Lunch Break	
14:00-15:30	<b>Practical Experiments : Raspberry Pi Experiments (1)</b>	Eng. Samiha Falahat(AHU) Eng. Eman Sanon (AHU)
15:30- 16:00	Coffee Break	
16:00 – 17:00	<b>Practical Experiments : Raspberry Pi Experiments (2)</b>	Eng. Samiha Falahat(AHU) Eng. Eman Sanon (AHU)