General

UMP Technical Staff produce tutorial videos as T&L aid

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PEKAN, 12 January 2021 – The COVID-19 pandemic has affected teaching and learning (T&L) with the use of online applications as the new norms for learning.

The situation sparks various creative ideas from the educators to help students so that they do not fall behind.

Online classes via ZOOM and learning using the Massive Open Online Courses (MOOC) platform are the main choices.

Besides that, synchronous online T&L sessions have been carried out using Microsoft Teams, Webex, and Google Meet, while asynchronous online T&L sessions have been done using Microsoft PowerPoint, YouTube, Google Drive and others to aid in the ongoing T&L session.

In their efforts to help Universiti Malaysia Pahang (UMP) students, recently four technical staff from the Faculty of Science and Industrial Technology (FSTI) successfully produced 20 tutorial videos on the usage of laboratory equipment to help the students.

According to the Senior Science Officer, Ts. Hairunnisa Osman, the idea to produce those videos came about when they found out that the current education system would be going online.

It is unquestionable that the students need video support to help their understanding, especially in the usage of equipment in the lab.

The OSHTECH FSTI group has taken the initiative to publish these lab equipment usage tutorial videos so that learning can be carried out online for the students in this new norm," she said.

"With the creation of these lab equipment usage tutorial videos, students can understand the technical equipment usage, in line with the theory taught by the lecturers.

"Therefore, students can continue learning for their technical subjects," she said.

She added that the tutorial videos were produced when face-to-face learning was put on hold and replaced with online learning.

"The production of these videos is to support the students' learning activities for the Exposure Measurement Technique and Analysis (EMTA) and Industrial Hygiene (IH) courses.

"Until now, 20 tutorial videos on lab equipment usage have been produced. These tutorial videos are shared via Google Drive during online lectures and are also uploaded to FSTI YouTube channel, FISTUMPTV

“These videos are also suitable to be watched by all Occupational Safety and Health (OSH) students as well as individuals involved in operating OSH equipment for competency,” she said.

The entire filming process was done at the Occupational Safety and Health Lab, FSTI.

She further explained the experience throughout the creation of these videos, where several challenges had to be overcome.

“The biggest one is the operation of video equipment for the filming session and also the video editing skill, seeing that most of the technical staff do not have much experience in video production.

“However, we hope that the tutorial videos will be the good enlightenment on the operation of equipment specifically for UMP OSH students and will continue to promote the UMP OSH lab facilities to the public,” she said.

The creation of these videos was done with two of her friends, namely two Science Officers, Mimi Nabila Mohd Noordin and Ikram Safiee, and Assistant Science Officer, Mohamad Hafizi Che Mat.

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