**FACULTY OF ENGINEERING**

**UNIVERSITY TECHNOLOGY MALAYSIA**

24th September 2020

**Minutes of meeting for discussion with Industry Advisory Panels (IAPs)**

**for Bachelor in Engineering (Mechanical-Aeronautics) and Master in Mechanical Engineering (major in Aeronautics)**

**School of Mechanical Engineering**

Date: 24th September 2020

Time: 10:00 am

Venue: Sunway Putra Hotel, Kuala Lumpur

**Attendance:**

1. Mr. Naguib bin Mohd Noor
2. Mr. Mohd Izhar bin Harun
3. Ir. Dr.-Ing Mohd Nazri bin Mohd Nasir
4. Dr. Iskandar Shah bin Ishak

**Agenda**

1. Opening speech
	1. Welcoming speech by Prof Dr. Hasbullah bin Haji Idris
2. Introductory briefing
	1. Al fatihah recitation and introductory briefing by Dr. Iskandar Shah bin Ishak
3. Comments of IAP
	1. The course owner should embed industrial case study in their syllabus which include self-learning activities and systematic decision-making process.

*Action:*

* 1. The program owner should maintain the core subjects to ensure good fundamental engineering knowledge of the students

*Action:*

* 1. The course owner should include problem-based learning in their T&L activities and lecturers act as coaches and not as a teacher.

*Action:*

* 1. The lecturers should continuously improve themselves with the latest technology in particular that related to IR 4.0.

*Action:*

* 1. The lecturers as solution providers should maintain good networking and relationship with industries and keep themselves at the “shopfloor of company” to ensure industrial problems can be channeled directly to university.

*Action:*

* 1. The lectures should regularly communicate with industry higher management staffs such as CEO to inform themselves about the direction of industries particularly that related to post Covid-19 pandemic.

*Action:*

* 1. Since Malaysia is not a leading product-design country, the course owner should expose students with reverse engineering, technology duplication and train them to utilize the available resources. Then, lecturers can expose the student with the existing product or technology advancement and further exploit it for different applications.

*Action:*

* 1. In most of the courses, lecturers should motivate students to solve problem using programming, codes, and automations especially things that related with repetitive tasks or calculations.

*Action:*

* 1. Panels agreed with the proposal of Master in Aerospace Manufacturing program but it has to be delivered by aero-manufacturing expertise not the conventional mechanical manufacturing lecturers.

*Action:*

**Prepared by;**

Ir. Dr.-Ing Mohd Nazri bin Mohd Nasir