

**REPORT ON**  
**ERASMUS+ *InMotion* RESEARCH PROJECT**  
**EXHIBITION IN UTM4.0 FOR INDUSTRIAL REVOLUTION – AUGUST 2017**

Main Theme

**UTM4.0** 4<sup>th</sup> INDUSTRIAL  
REVOLUTION  
DIGITAL NERVOUS SYSTEM

Date: 08-10 AUGUST 2017

Time: 09:00 am – 05:00 pm

Venue: Exhibition Room 1, First Floor, Building T03, UTM Johor Bahru, Malaysia

Participated by:  
UTM InMotion Research Team

**Exhibitors**

Name	Role
Prof. Dr. Adi Maimun Abdul Malik	Erasmus+ InMotion Coordinator at UTM
Dr. Corrienna Abdul Talib	SAKAI
Dr. Siow Chee Loon	RMD
Dr. Tang Howe Hing	Simulink
Dr. Kang Hooi Siang	Exhibition Logistic
Dr. Nik Mohd Ridzuan Shaharuddin	Exhibition Logistic

***INNOVATIVE TEACHING AND LEARNING STRATEGIES IN OPEN MODELLING AND SIMULATION  
ENVIRONMENT FOR STUDENT-CENTERED ENGINEERING EDUCATION***

## Introduction

The InMotion UTM team was honorably invited to take part in UTM4.0 Industrial Revolution Exhibition. The InMotion booth was established under the framework of Erasmus+ project, InMotion: Innovative teaching and learning strategies in open modeling and simulation environment for student-centered engineering education. The InMotion UTM team exhibited three-days in the UTM4.0 Industrial Revolution Exhibition to **share information** of InMotion project and arise the awareness of the InMotion program in accordance with the fourth industrial revolution, *Industrie 4.0*, to **the stakeholders**, where the visitors of this Exhibition includes Minister of Higher Education in Malaysia, officials from higher institutions, industry professional, academicians, students, and the public.

The exhibition was conducted from 8<sup>th</sup> – 10<sup>th</sup> August 2017 in Exhibition Room 1, First Floor, Building T03, UTM Johor Bahru, Malaysia.

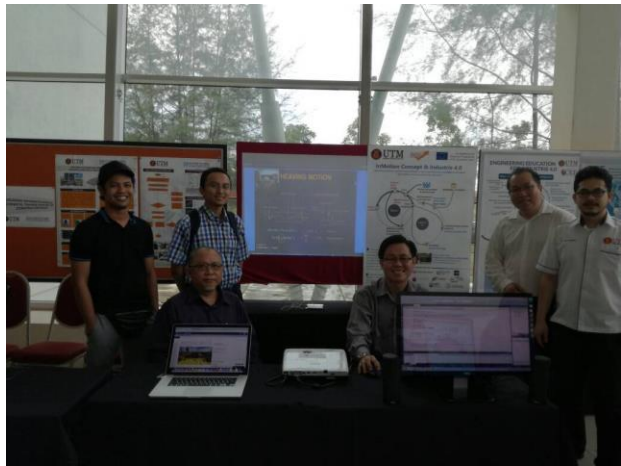
## Objectives

1. To **share information** of InMotion to the stakeholders and public (visitors);
2. To promote the impact of *Industrie 4.0* to the engineering education to the stakeholders (visitors).

## Program Schedule

7 <sup>th</sup> August 2017 9:00 am – 5:00 pm	Preparation of Showcase Booth Set-up
8 <sup>th</sup> – 10 <sup>th</sup> August 2017 9:00 am – 5:00 pm	<b>UTM4.0 Industrial Revolution Showcase</b>
10 <sup>th</sup> August 2017 11:00 am	Visit of Minister of Higher Education, Malaysia to Showcase

## Activities



The InMotion UTM team led by Prof. Dr. Adi Maimun Abdul Malik, under the framework of Erasmus+ project, InMotion: Innovative teaching and learning strategies in open modeling and simulation exhibited the information of InMotion in the UTM4.0 Industrial Revolution Exhibition from 8<sup>th</sup> – 10<sup>th</sup> August 2017 in Exhibition Room 1, First Floor, Building T03, UTM Johor Bahru, Malaysia.



It was approximated more than 500 visitors from the ministry of Higher Education, other higher institution, industry, academia, and public to visit this exhibition. The UTM InMotion team share information of InMotion project to the stakeholders and the public and promote the potential impacts of InMotion to the development of Industrie 4.0 in the engineering education.

The UTM InMotion team displayed InMotion poster, SAKAI system, online course sample, and framework of cloud computing by using Simulink to the visitors / stakeholders.

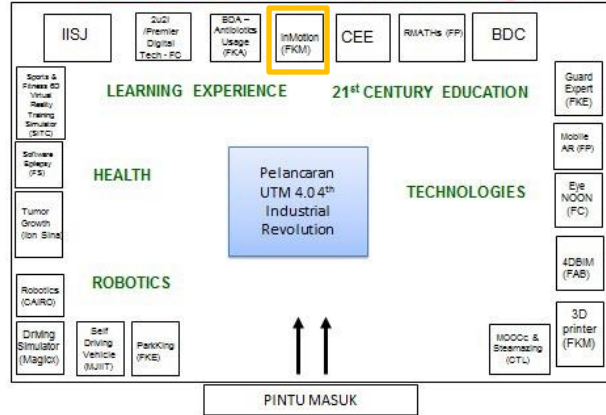
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Visit of Minister

PELAN LANTAI UTM 4.0 4<sup>TH</sup> INDUSTRIAL REVOLUTION

CADANGAN (Mesyuarat Bil.2/2017 : 30 Julai 2017)

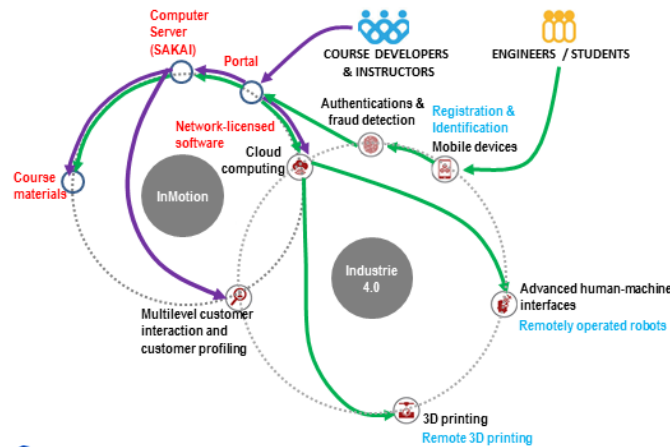


Floor plan of InMotion booth



### InMotion Concept & Industrie 4.0

Innovative teaching and learning strategies in open modelling and simulation environment for student-centered engineering education



a European Union Grant project carried out in FKM (UTM), which aims to create new eLearning Materials for Computer Modelling and Simulation for Engineering (CMSE) field with Open Modelling and Simulation Environment platform (OMSE) based on innovative teaching strategies and creative learning approaches.

InMotion targets to train graduates, engineers, researchers from European Countries and Pacific Countries to be competent in the CMSE field and hence the realization of Industrie 4.0.



Project Leader (UTM)  
Professor Dr. Adi Maimun Abdul Malik  
Faculty of Mechanical Engineering  
Universiti Teknologi Malaysia

International Partners



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InMotion Poster

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