

# MIIEx2017

Melaka  
International  
Intellectual  
Exposition

## PROGRAMME ABSTRACT

AUTISM

INNOVATION

DESIGN

INVENTION

**"Bridging Gaps with Creativity for Future Sustainability"**

# MIIEx2017



“Bridging the Gaps with Creativity for Future Sustainability”

## **EDITORS AND COMPILERS:**

Prof. Madya Dr. Shafinar Binti Ismail  
Mohd Halim Bin Mahphoth  
Aemillyawaty Binti Abas  
Fazlina Mohd Radzi  
Aidah Alias  
Ilinadia Jamil  
Nor Yus Shahirah Hassan  
Shafirah Shaari  
Farihan Azahari

## **COVER DESIGN:**

AFTI Sdn Bhd

## **PUBLISHED BY:**

Division of Research and Industry Linkages  
Universiti Teknologi MARA MELAKA  
KM26 Jalan Lendu,  
78000 Alor Gajah Melaka  
Tel +606-5582094/ +606-5582190 / +606-5582113  
Web: [www.miiex2017.com](http://www.miiex2017.com)

*All rights reserved. No part of this publication may be reproduced, stored in retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without permission of the copyright holder.*

**TYCOON AIDE**

Nur Aina Aqilah bt Abdullah, Irfan Fawwaz bin Mokhtar, Nur Farah Izzati bt Roslan,  
Muhamad Amir & Zaqwan bin Mohd Ali

UITM KAMPUS BANDARAYA MELAKA

**Abstract**

Our application focuses on helping new businesses or existing businesses that would want to establish their production abroad. In other words, the application will be advising the new businessman and businesswoman on their direction of their business. We will have features and criteria for the Businessman/Businesswoman to excel and will be having points for every criteria that they are good at. By using this application, they would be given the suitable ways to penetrate the markets abroad based on their capabilities and criteria. This could help them to have a greater chance to succeed in penetrating the new markets.

**INNOVATIVE AND INTERACTIVE ANATOMY LEARNING PACKAGE:  
A NEW LEARNING STRATEGY**

Norhayati binti Liaqat Ali Khan, Mohd Maaruf bin Abdul Malik, Aimi Nadia binti Razlan,  
& Dr. Andrean bin Husin

UITM KAMPUS SELANGOR

**Abstract**

Teaching and learning anatomy have been a fundamental part of the medical, dental and health science education for decades. The traditional teaching methods now face the challenge of the current generation of Gen Z students, born with a significant reduction in attention span during formal learning period. This forces the lecturers to innovate and revolutionize the teaching methods in anatomy to ensure it remains relevant and interesting. The objectives of this project are to diversify and apply interactive and interesting method of learning anatomy to maintain participation, and to move focus of teaching and learning to the student rather than the lecturer. Students were divided into (i) control group; year two students that were not exposed to this new innovative and interactive practical session and (ii) experimental group; year one students. Experimental group students were instructed to identify, locate, draw and label the skeleton on their colleagues' body (model). The students presented their artwork and assessed by the lecturers. Result indicated that experimental group students showed their creativity in drawing and labelling on the model. The students could identify the basic structure of the skeleton and differentiate between the types of bone. Another assessment after one week shows that, 85% of students from the experimental group manage to draw and label the skeleton without relying on any teaching and learning aids compared to the control group students (32%). Innovative teaching strategies in Anatomy make the learning process become more interactive. Engagements between students were excellent and coordinated teamwork was shown. Short duration of practical sessions, together with fun activities improved their focus and concentration. This indirectly allows them to remember better and appreciate the knowledge that will be applied in their future.