



Artificial Intelligence (AI) is a modern technology that has been developed to initiate human intelligence of learning and decision making functions into a machine or a process so that it can function similar to an human expert. The Artificial Intelligence Research Unit (AiRU) at the School of Engineering & IT was initiated in 1998 as a research group with IRPA fund for project on Navigational Aid to Visually Impaired (NAVI). Progressively, the AiRU was formerly established as a research unit at Universiti Malaysia Sabah on 2nd December 2010.

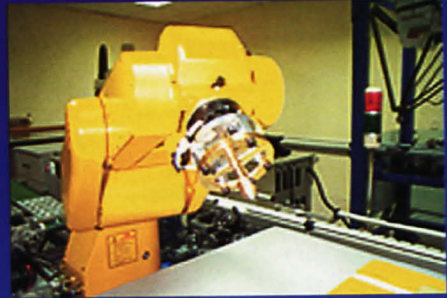
The AiRU research focus is disseminated into 6 research groups: **Knowledge Discovery and Machine Learning (KDML)**, headed by Dr. Rayner Alfred, **Nano Engineering & Materials (NEMs)**, headed by Dr. Ismail Saad, **Biomimetics Research Group (BiRG)**, headed by Dr. Chin Kim On, **Robotics & Intelligent Systems (myRIS)**, headed by Dr. Murali Mariappan, **Vision & Language (V&L)**, headed by Dr. James Mountstephen and **Image and Signal Processing (ISP)** headed by Dr. Jamal Dargham.

**Some activities & plan for AiRU:**

- AiRU Bi-monthly Research Seminar was successfully held starting Feb 2013
- Co-organizer for IEEE International Conference on Artificial Intelligence, Modeling & Simulation (AIMS2013), 3rd – 5th Dec. 2013 at Le Meridian hotel, Kota Kinabalu.  
Website : <http://aims2013.info/> or <http://sktm.ums.edu.my/AIMS2013/>
- International Conference on Artificial Intelligence and Applications in Engineering & Technology (ICAJET 2014) will be held in August 2014 with IEEE Xplore / Springer proceedings publication
- First International Conference on Computational in Science & Technology 2014 (ICCST-2014) will be held in conjunction with ICAJET2014



NAVI system



Robotic wrist force sensor



Bi-monthly research seminar