MONASH I.T. INNOVATION CHALLENGE

In conjunction with the 1st International Symposium on the Frontiers in Intelligent Medicine (FIM), Monash University Malaysia designed a technology challenge for the young minds of Malaysia. The Monash I.T. Innovation Challenge aimed to bring together innovation and technology to create intelligent applications that can ease pain for loved ones or create lifestyle helpers that provide advice on food, exercise and health related matters.

The three main winners of the Monash I.T. Innovation challenge, all from the Monash University Foundation Year (MUFY) programme of Sunway College came up with ideas for autistic eyeglasses, glucose monitoring and general health monitoring.

The first prize of RM5,000 went to Team Foresight comprising Robert Kim Chung Sik, Christian Bethany Felix and Nikhiltha Sivasangaran. The three team members submitted Adiuv, a pair of spectacles for autistic patients. The smart eye glasses interprets user’s pulse rate, brain activity and pupil dilation to determine threats that autistic patients experience.

An idea for glucose monitoring via a project called Insulive won second prize. The team comprising Rohit Suresh, John Palad and Almar bin Adam won RM3,000 for their intelligent bloodless glucose monitoring system which has a user-friendly interface paired with comprehensive systems for monitoring food intake and medication dosage. This system is accompanied by “Second Breath”, an innovative breathalyser which enables non-intrusive bloodless glucose monitoring.

Team 360 comprising Yap Shoon Yee, Cheng Hsiu Quan, Niki Tan Pei Yie and Benedict Low won the third prize of RM1,000. The application utilizes nano robots to provide real time monitoring of a patient’s health, this HealthCare Monitor uses a wristwatch to transmit data collection. Statistics, health diagnosis and an automatic distress signal are some of the uses of the HealthCare Monitor.