



Gold Medal



Invention title:

An Artificial Intelligence System Powered by Machine Learning and Complex Fuzzy Logic for The Automated Detection of Diabetic Retinopathy and Other Eye Diseases

Category:

ICT, Telecommunications, Audio Visual

Principal Investigator:

Associate Professor Dr Ganeshsree Selvachandran
(Faculty of Business and Management, UCSI)

Team members:

Assistant Professor Dr Quek Shio Gai

(Faculty of Business and Management, UCSI)



Invention title:

Halochromic Smart Packaging from Bioplastic

Category:

Materials

Principal Investigator:

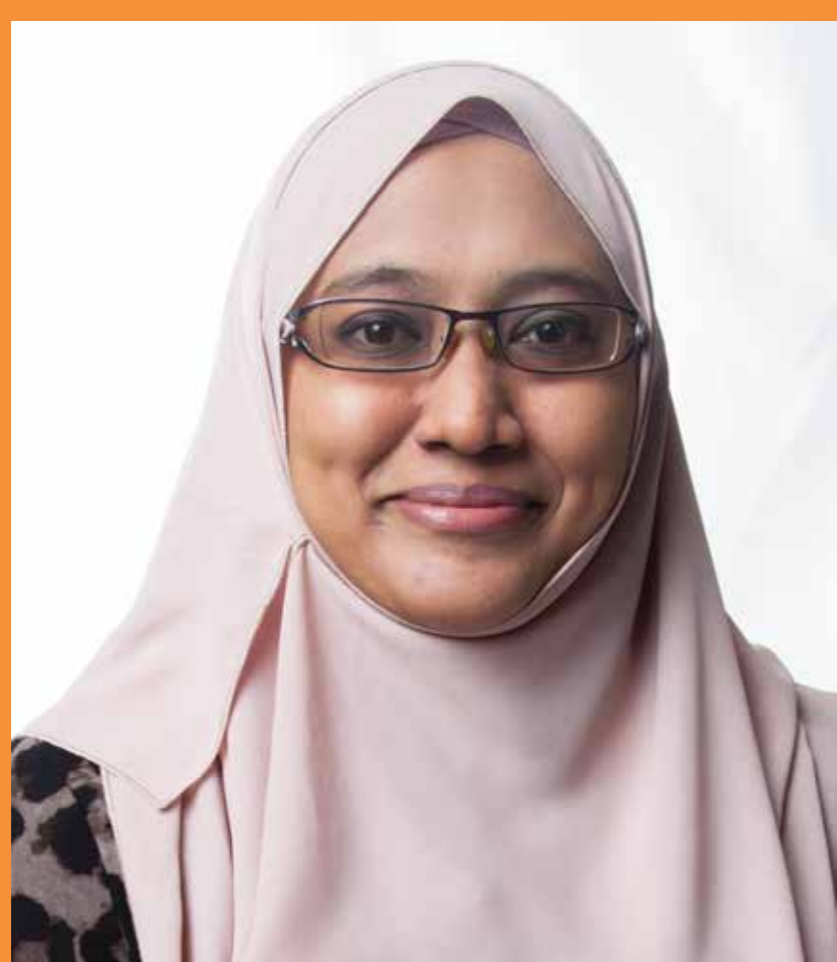
Associate Professor Dr Eric Chan Wei Chiang (Faculty of Applied Sciences, UCSI)

Team members:

Dr Soon Chu Yong (Faculty of Applied Sciences, UCSI)



Silver Medal



Invention title:

E Hailing Trash: A New Solution for Income Generation

Category:

Environment, Energy

Principal Investigator:

Assistant Professor Dr Rohana Sham (Faculty of Business and Management, UCSI)

Team members:

- Assistant Professor Dr Amir 'Aatieff Amir Hussin (International Islamic University Malaysia)
- Dr Abdurrahman Jalil (University Malaysia of Computer Sciences and Engineering)
- Noranita Abdamia (Universiti Teknologi Mara)



Invention title:

An Intelligent Interior Designing System to Generate Muslim Friendly Homestay Layouts

Category:

ICT, Telecommunications, Audio Visual

Principal Investigator:

Assistant Professor Dr Quek Shio Gai (Faculty of Business and Management, UCSI)

Team members:

- Associate Professor Dr Ganeshsree Selvachandran (Faculty of Business and Management, UCSI)
- Assistant Professor Dr Rohana Sham (Faculty of Business and Management, UCSI)
- Assistant Professor Dr Noorsiah Ahmad (Faculty of Business and Management, UCSI)



Invention title:

Kollicoat MAE 100P Coated Capsules to Deliver the Cyclodextrin-Everolimus Inclusive Complex to Treat Colorectal Cancer

Category:

Medical, Health

Principal Investigator:

Associate Professor Dr Palanirajan Vijayaraj Kumar (Faculty of Pharmaceutical Sciences, UCSI)

Team members:

- Assistant Professor Dr Cheah Shiau Chuen (Faculty of Medicine and Health Sciences, UCSI)
- Dr Marwan Abdelmahmoud Abdelkarim Maki (Faculty of Pharmaceutical Sciences, UCSI)
- Professor Dr Abu Bakar Bin Abdul Majeed (Universiti Teknologi Mara)
- Dr Omer Bayazeid (Hacettepe University, Turkey)



Invention title:

TomaClear. A New Natural Bioactive Loaded Microsphere Anti-Pigment Cream

Category:

Beauty, Fitness, Sports

Principal Investigator:

Associate Professor Dr Mogana Sundari Rajagopal (Faculty of Pharmaceutical Sciences, UCSI)

Team members:

- Assistant Professor Dr Sasikala Chinnappan (Faculty of Pharmaceutical Sciences, UCSI)
- Assistant Professor Dr Ashok Kumar Janakiraman (Faculty of Pharmaceutical Sciences, UCSI)
- Dr Muhammad Junaid Farrukh (Faculty of Pharmaceutical Sciences, UCSI)
- Por Choo Shiuan (Faculty of Pharmaceutical Sciences, UCSI)
- Tan Lee Fang
- Yap Vi Lien



Bronze Medal



Invention title:

Blockchain & IOT Powered Halal Logistics for Tracking Container Movement and Sertu Cleansing

Category:

Automotive, Aerospace, Aviation Transportation

Principal Investigator:

Assistant Professor Dr Noorsiah Ahmad (Faculty of Business and Management, UCSI)

Team members:

- Assistant Professor Dr Rohana Sham (Faculty of Business and Management, UCSI)
- Associate Professor Dr Ganeshsree Selvachandran (Faculty of Business and Management, UCSI)
- Assistant Professor Dr Amir 'Aatieff Amir Hussin (International Islamic University Malaysia)