



DIAMOND AWARD

HSC115 WASTE TO HEALTH: TRANSFORMING LOW-VALUE OIL PALM LEAF BIOMASS INTO A POTENT WOUND HEALING AGENT

Mohamad Shazeli Che Zain
Soo Yee Lee
Nadiah Mad Nasir
Sharida Fakurazi
Khozirah Shaari



INSTITUT KIMIA MALAYSIA NORTHERN BRANCH - SPECIAL AWARD WINNER

CHM130 HIGH-POROSITY HYBRID FLY ASH BASED GEOPOLYMER/ALGINATE ADSORBENT FOR BATIK WASTEWATER TREATMENT

Siti Mazatul Azwa Saiyed Mohd Nurddin
Suriati Sufian
Nurul Ekmi Rabat



SPECIAL AWARD WINNER PAK MAT WESTERN CAFE

FTH 114-SMART DETECTOR FOR FRUIT QUALITY

Maimunah Mohd Ali
Nurul Aqilah Shahabudin
Norhashila Hashim



MALAYSIA GREEN BUILDING COUNCIL (NORTHERN CHAPTER) JURY AWARD

DES134 Anti-Germs Pen Holder

Ahmad Najmie Rusli
Nurul Nadiah Rasdi
Muhammad Fadil Mustar
Adi Nazmi Mohd Naim
Nik Mohd Khairuddin Nik Ismail

ELE153 OMRON CX-PROGRAMMER AND CX-DESIGNER BASED WATER LEVEL CONTROL SYSTEM SIMULATOR

Mohd Ezwan Mahadan
Rozi Rifin
Kamaru Adzha Kadiran
Aznilinda Zainuddin
Rijalul Fahmi Mustapa

ICT177 ECLS TOWARDS 5G WIRELESS COMMUNICATION SYSTEM

Siti Maisurah Sulong
Noorazlina Mohamid Salih
Azlina Idris
Darmawaty Mohd Ali

HSC 111 NEUXIA: ARTIFICIAL TISSUE CONDUIT WITH SUSTAINABLE DRUG RELEASE FOR NEUROPROTECTIVE APPLICATION

Mohd Syahir Anwar Hamzah
Nadirul Hasraf Mat Nayan
Celine Ng
Muhammad Hilman Rosmi

MEC114-r-PET ENERGY ABSORBING STRUCTURE: FROM WASTE TO VALUE

Nurul Zakiah Zamri Tan
Azrin Hani Abdul Rashid
Nur Izzati Ibrahim
Fatin Nurhidayah Mohd Shaidi
Khairani Nasir.

SSC104-MINDFUL LEGAL POCKET: RETRENCHMENT FOR DILETTANTE

Suria Fadhillah Md Pauzi
Muhammad Asyraf Azni
Suriyati Ujang
Azniza Ahmad Zaini
Ida Rosnita Ismail

Penang International Invention, Innovation and Design (PIID 2021)

PRM122 WONDER WOOPEN FIRE STARTER AND SURVIVAL FUEL

Nurul Thaqifah Zulaikha Binti Zakaria

Nur Qistina Maryam Binti Saifol Suhaimi

Wan Sofea Amani Binti Wan Mohd Shamsah

Khairunisa Binti Nordin

SCN130 COOLCAP: SOLAR HAT FOR HEATSTROKE PREVENTION

Thipok Bovornratanaraks

Pornthep Thongtang

BEST INVENTION AWARD

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Nurul Aqilah Shahabudin

Norhashila Hashim

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ICT177 ECLS TOWARDS 5G WIRELESS COMMUNICATION SYSTEM

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Noorazlina Mohamid Salih

Azlina Idris

Darmawaty Mohd Ali

BEST INNOVATION AWARD

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Nadiyah Mad Nasir
Sharida Fakurazi
Khozirah Shaari

DES104 RAYYAN RAYNA COLOURFUL DOUGH-AROMATIC DOUGH (RRCD-AD)

Zaharilah Abdul Kadir
Nur Farhana Mustahidin
Nirwana Mohd Rashid
Nur Farahin Mustahidin
Umi Kalsom Takriff

ICT159 TTS Malay- CHINESE PROVERB DICTIONARY

Saiful Nizam Warris
Goh Ying Soon
Ch'ng Pei Eng
Chew Yee Ming
Mohd Syafiq Abdul Rahman

PRM122-WONDER WOOPEN FIRE STARTER AND SURVIVAL FUEL

Nurul Thaqifah Zulaikha Binti Zakaria
Nur Qistina Maryam Binti Saifol Suhaimi
Wan Sofea Amani Binti Wan Mohd Shamshah
Khairunisa Binti Nordin

SCN144 HUSKATS

Roslan Bin Jaafar
Mohammad Izzuddin Bin Amer
Nur Irdina Safiyya Binti Roslan
Nur Qistina Batrisyia Binti Roslan
Nur Aina Wajihah Binti Azizan
Zaidatul Izeyani Binti Kamarudzaman

SSC120 A COMPLETE PLANNER OF 44 DAYS FOOD PREPARATION DURING CONFINEMENT PERIOD

Zuliah binti Abd Hamid
Sabaianah Bachok
Chemah Tamby Chik
Firdaus Ahmad Fauzi
Nor Asmalina binti Anuar

BEST DESIGN AWARD

DES130 MULTIPURPOSE LIFTER

Muhammad Daniel Bin Bahuddin
Muhamad Radzlan Bin Mohammad Radzi
Muhammad Ammar Bin Mohd Najib
Ameera Allysha Binti Mohd Khir Juhari
Hazriel Faizal Bin Pahraraji

HSC114 AUTOMATED BLOOD GAS MODELLING FOR VENTILATED PATIENTS IN THE ICU

Siti Hazurah Indera Putera
Norbaiti Binti Sidik
Nur Iqtiyani Ilham
Mashitah Mohd Hussain
Mahdi Mahfouf

BEST VIDEO AWARD

CHM130 HIGH-POROSITY HYBRID FLY ASH BASED GEOPOLYMER/ALGINATE ADSORBENT FOR BATIK WASTEWATER TREATMENT

Siti Mazatul Azwa Saiyed Mohd Nurddin
Suriati Sufian
Nurul Ekmi Rabat

DES113 E-XHIBITION Version 1.0

Mohamad Quzami An-Nuur bin Ahmad Radzi
Azwady bin Hj. Mustapha
Nuraina Shuhadah binti Haris Fadilah
Mohammad Firdaus bin Kamaruddin
Mohamad Aqbar Bin Mohd Amin

ELE166 SMART CIGARETTE SMOKE DETECTOR

Zainal Hisham Che Soh
Rosheila binti Darus
Muhammad Luqman Nur Hakim bin Kamarudin
Mohammad Afwan bin Mohd Daud
Muhammad Syazwan bin Mohamad Sarudin

FTH113 'NUTRILELE' CATFISH FINGERS

Suguna Migeemanathan
Joshua Fabiane

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Sharida Fakurazi
Khozirah Shaari

PRM106-WATER FILTER CUM DISPENSER WITH PAPER SOAP FOR USE DURING EMERGENCY OR OUTING (FIDES)

Lim Xin Bing
Ooi Xin Ern
Brigitte Chan Zhi Xuan
Ching Le Wey
Tang Jia Xuen
Yeap Jie Ni
Clare Cheng Xiao Gia

SCN103 BIODEGRADABLE POTATO PLASTIC (BPP)

Yow Jian Pin

Ong Jia Chien

Lee Ming Jia

Chong Zhuang Hong

Siti Sarah Noor Meah

SSC127 BRAINYPACK 2.0 : A GUIDE TO VIRTUOUS CHARACTER

Nor Zaini Zainal Abidin

Azni Syafena Andin Salammat

Syahrini Shawalludin

Muhammad Syahmizan Azmi

Adnan Aminuddin

CVL124 DuCEB - Durio Compressed Earth Block

Zulfairul Zakariah

Nur Masyitah Osman

Ahmad Syauqi Md Hasan

Roziyah Keria

Muhammad Ilyasa' Bin Mohamad Nazir