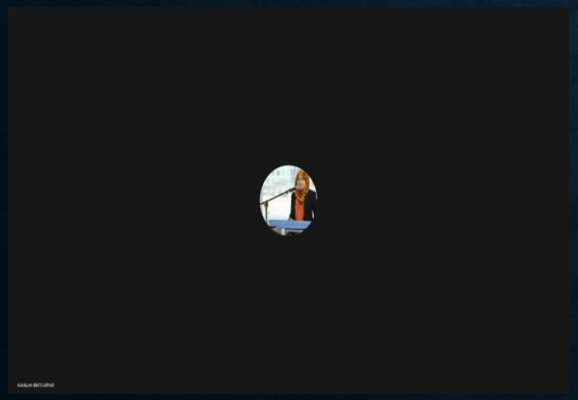
UNIVERSITI TEKNIKAL MALAYSIA MELAKA

IDEX 2020

FTKEE



UNIVERSITI TEKNIKAL MALAYSIA MELAKA

IDEX 2020

FTKEE

PENERIMA PINGAT IDEX 2020

BRONZE MEDAL

IDEX 2020
FTKEE

Nabil Aiman Bin Noor Hamidy

Bachelor of Electrical Engineering Technology (Industrial Power) with Honours (BEEI)

Abdul Hadi Bin Shamsul Kamal

Bachelor of Electrical Engineering Technology (Industrial Automation & Robotics) with Honours (BEEA)

Kanithrakumar Naidu Vijiaragavalu

Bachelor of Bachelor of Electrical Engineering Technology with Honours (BEEY)

BRONZE MEDAL

IDEX 2020
FTKEE

Mohamed Muhaimin bin Saari

Bachelor of Electrical Engineering Technology (Industrial Power) with Honours (BEEI)

Rahman Bin Ranulfo@Mohd.Budi

Bachelor of Electrical Engineering Technology (Industrial Automation & Robotics) with Honours (BEEA)

Pang Kok King

Bachelor of Electrical Engineering Technology (Industrial Automation & Robotics) with Honours (BEEA)

BRONZE MEDAL

IDEX 2020
FTKEE

Muhammad Nur Aizat Bin Shahabudin

Bachelor of Electrical Engineering Technology (Industrial Power)
with Honours (BEEI)

Dhevannath A/L Tangarajan

Bachelor of Electronics Engineering Technology (Telecommunications)
with Honours (BEET)

Mohammad Nurhaqim Bin Kamaruddin

Bachelor of Computer Engineering Technology (Computer Systems)
with Honours (BEEC)

BRONZE MEDAL

IDEX 2020
FTKEE

Michael Chin Kah Choon

Bachelor of Electronics Engineering Technology (Telecommunications) with Honours (BEET)

Hafiz Bin Kamal Razaman

Bachelor of Electronics Engineering Technology (Industrial Electronics) with Honours (BEEE)

Yazmin Izzaty Binti Anuar

Bachelor of Computer Engineering Technology (Computer Systems) with Honours (BEEC)

BRONZE MEDAL

IDEX 2020
FTKEE

Muhammad Aqbar Bin Abd Rashid

Bachelor of Electronics Engineering Technology (Telecommunications) with Honours (BEET)

Chai Gao Fu

Bachelor of Electronics Engineering Technology (Industrial Electronics) with Honours (BEEE)

Ong Weng Sung

Bachelor of Computer Engineering Technology (Computer Systems) with Honours (BEEC)

BRONZE MEDAL

IDEX 2020
FTKEE

Lai Man Ching

Bachelor of Electronics Engineering Technology (Telecommunications) with Honours (BEET)

Navapragashen Naeer a/l Rajendran

Bachelor of Electronics Engineering Technology (Industrial Electronics) with Honours (BEEE)

Vikneswaran A/L Raman

Bachelor of Electronics Engineering Technology (Medical Electronic /Wireless Communication/Microelectronic) with Honours (BEEZ)

SILVER MEDAL

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UNIVERSITI TEKNIKAL MALAYSIA MELAKA

IDEX 2020
FTKEE

Norhisham Bin Othman

Bachelor of Electrical Engineering Technology (Industrial Power) with Honours (BEEI)

Mohd Nor Hakimi Bin Nor Azharludin

Bachelor of Electrical Engineering Technology (Industrial Automation & Robotics) with Honours (BEEA)

Muhammad Umair Bin Mustaffa Kamal

Bachelor of Bachelor of Electrical Engineering Technology with Honours (BEEY)

SILVER MEDAL

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UNIVERSITI TEKNIKAL MALAYSIA MELAKA

IDEX 2020
FTKEE

Khairool Aizat bin Abd Razak

Bachelor of Electrical Engineering Technology (Industrial Power) with Honours (BEEI)

Muhammad Fauzi Bin Khasnor

Bachelor of Electrical Engineering Technology (Industrial Automation & Robotics) with Honours (BEEA)

Aiman Nasiruddin Bin Aminudin

Bachelor of Electrical Engineering Technology (Industrial Automation & Robotics) with Honours (BEEA)

SILVER MEDAL

IDEX 2020
FTKEE

Muhammad Nizam Bin Indrawaty

Bachelor of Electrical Engineering Technology (Industrial Power) with Honours (BEEI)

Choy Ja Yeong

Bachelor of Electronics Engineering Technology (Telecommunications) with Honours (BEET)

Tracy Yeo Hooi Yinn

Bachelor of Computer Engineering Technology (Computer Systems) with Honours (BEEC)

SILVER MEDAL

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UNIVERSITI TEKNIKAL MALAYSIA MELAKA

IDEX 2020
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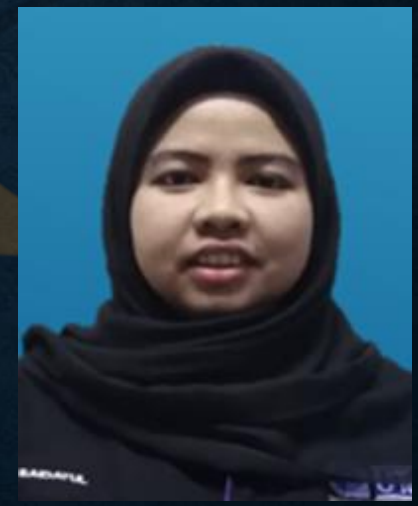
Ranjeeta a/p Krishnan

Bachelor of Electronics Engineering Technology (Telecommunications) with Honours (BEET)

Saidatul Shakira Binti Shakiren

Bachelor of Electronics Engineering Technology (Industrial Electronics) with Honours (BEEE)



`Eizza Noor Sabrina Binti A Razak

Bachelor of Computer Engineering Technology (Computer Systems) with Honours (BEEC)

SILVER MEDAL

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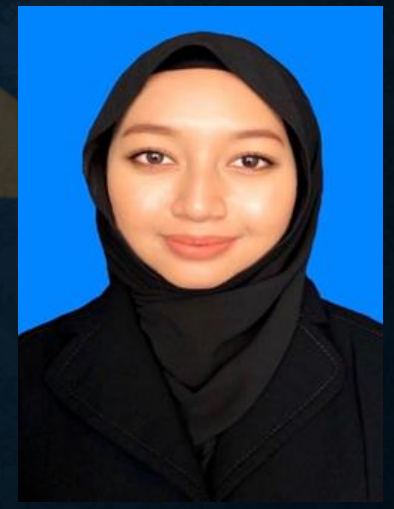
UNIVERSITI TEKNIKAL MALAYSIA MELAKA

IDEX 2020
FTKEE

Muhammad Afif Bin Nasarudin

Bachelor of Electronics Engineering Technology (Telecommunications) with Honours (BEET)



Nursyazwani Binti Mohamed Motari

Bachelor of Electronics Engineering Technology (Industrial Electronics) with Honours (BEEE)

Nur Hanis Izzati Binti Mohd Hanapi

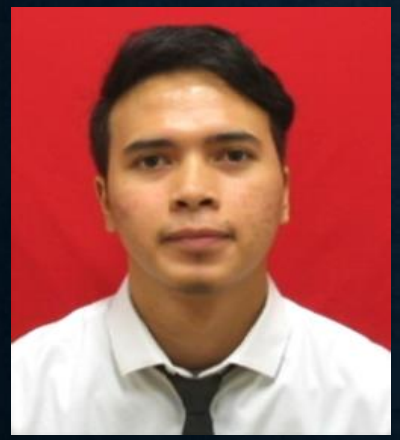
Bachelor of Computer Engineering Technology (Computer Systems) with Honours (BEEC)

SILVER MEDAL

IDEX 2020
FTKEE

Wan Hilmi Mujahid Bin W. Ismail Sahaimi

Bachelor of Electronics Engineering Technology (Industrial Electronics) with Honours (BEEE)



Aiman Hakeem Bin Shoksi

Bachelor of Electronics Engineering Technology (Medical Electronic/Wireless Communication/Microelectronic) with Honours (BEEZ)

GOLD MEDAL

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

IDEX 2020

FTKEE

Norshahirah Binti Baba

Bachelor of Electrical Engineering Technology (Industrial Automation & Robotics) with Honours (BEEA)

Supervisor:
Ts. Ahmad Idil Bin Abdul Rahman

***i-sajadah* with Smart Monitoring System**

GOLD MEDAL

IDEX 2020
FTKEE

Amirul Solihin Bin Abdullah

Bachelor of Electronics Engineering Technology (Telecommunications) with Honours (BEET)

Supervisor:
Ir. Ts. Mohd Syahrin Amri Bin Mohd Noh

Development of Smart Water Billing Monitoring System Using IoT

GOLD MEDAL

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IDEX 2020
FTKEE

Amirul Sufie Bin A Wahab

Bachelor of Electrical Engineering Technology (Industrial Power)
with Honours (BEEI)

Supervisor:
Adlan Bin Ali

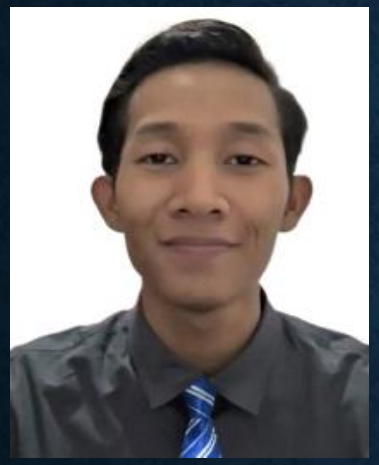
Assessment On The Impact Of Distributed Generation To The Line Loadability For Urban Rail Application

GOLD MEDAL

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

IDEX 2020

FTKEE



Ediel Ereza Bin Mohamad Baharudin

Bachelor of Computer Engineering Technology (Computer Systems) with Honours (BEEC)

Supervisor:
En. Azman Bin Awang Teh

Vehicle Safety and Accident Alert System using GPS Tracking

GOLD MEDAL

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IDEX 2020
FTKEE

Nurul Afiqah Binti Zolkafle

Bachelor of Electronics Engineering Technology (Industrial Electronics) with Honours (BEEE)

Supervisor:
Shamsul Fakhar Bin Abd Gani

Design of Cloud-Integrated Smart Socket with Mobile App Control for Reducing Electricity Waste

GOLD MEDAL

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IDEX 2020
FTKEE

Nurul Najihah Binti Kamaruzaman

Bachelor of Electronics Engineering Technology (Telecommunications) with Honours (BEET)

Supervisor: Khairul Anuar A Rahman

Improvement of Support Instrument for Petanque

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IDEX 2020
FTKEE

Muhammad Shafiq Bin Saman

Bachelor of Electrical Engineering Technology (Industrial Automation & Robotics) with Honours (BEEA)

Supervisor: Ts. Maslan Bin Zainon

Development of an IoT-based Building Integrated Photovoltaics (BIPV) Home Automation System

GOLD MEDAL

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

IDEX 2020

FTKEE

MOHD SYAZWAN BIN JASMAN

Bachelor of Electrical Engineering Technology (Industrial Power) with Honours (BEEI)

Supervisor:
NURUL KAUSAR BINTI AB MAJID

DEVELOPMENT OF CARBON MONOXIDE DETECTOR FOR VEHICLES WITH AUTO WINDOW ROLL DOWN AND SAFETY WARNING SYSTEM

GOLD MEDAL

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IDEX 2020
FTKEE

Yasirah Binti Mohd Yusri

Bachelor of Electronics Engineering Technology (Industrial Electronics) with Honours (BEEE)

Supervisor:
Ts. Tengku Mohd Faisal Bin Tengku Wook

Medicine Reminder Box with Security

GOLD MEDAL

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

IDEX 2020

FTKEE

NOR SYAHIRAH BINTI MAHMOOD

Bachelor of Bachelor of Electrical Engineering Technology with Honours (BEEY)

Supervisor:
Dr.Syed Najib Bin Syed Salim

Development of Lawnmower Machine Using PID Controller with IoT Monitoring System

GOLD MEDAL

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UNIVERSITI TEKNIKAL MALAYSIA MELAKA

IDEX 2020
FTKEE

Afif Ikmal bin Mohamad

Bachelor of Computer Engineering Technology (Computer Systems) with Honours (BEEC)

Supervisor:
Ts. Ahmad Fairuz bin Muhammad Amin

Development of Malls Parking Management System using Automatic Number Plate Recognition

GOLD MEDAL

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

IDEX 2020

FTKEE

Mohammad Syukri bin Abd Halim

Bachelor of Electrical Engineering Technology (Industrial Automation & Robotics) with Honours (BEEA)

Supervisor:
Ts. Mohamed Azmi bin Said

Implementation Of 3D Automated Coconut Grating Process

GOLD MEDAL

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IDEX 2020
FTKEE

Adilah Binti Yahya

Bachelor of Electronics Engineering Technology (Industrial Electronics) with Honours (BEEE)

Supervisor:
Khairul Azha Bin A Aziz

Development Of EEG Epilepsy Recognition System Using Artificial Neural Network (ANN)

GOLD MEDAL

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IDEX 2020

FTKEE

Izzatie Akmal binti Zulkarnain

Bachelor of Electronics Engineering Technology (Telecommunications) with Honours (BEET)

Supervisor:
Ir Dr Mohd Farriz bin Hj Md Basar

Development of Electrical Engineering Learning Kit for STEM Application

GOLD MEDAL

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FTKEE

Nur Hidayu Binti Musa

Bachelor of Computer Engineering Technology (Computer Systems) with Honours (BEEC)

Supervisor:
Dr Suhaila Binti Mohd Najib

Hardware Development Of IC Tester For Digital Logic Gate

GOLD MEDAL

IDEX 2020
FTKEE

Saiful Sophian bin Latif

Bachelor of Electronics Engineering Technology (Medical Electronic/Wireless Communication/Microelectronic) with Honours (BEEZ)

Supervisor:
TS.DR. Adam Wong Yoon Khang

Smart Mirror using Raspberry Pi for Hotel Industry

GOLD MEDAL

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

IDEX 2020

FTKEE

MOHAMMAD SYAMIM IKHWAN BIN IDRIS

Bachelor of Electrical Engineering Technology (Industrial Power) with Honours (BEEI)

SUPERVISOR: HALYANI BINTI MOHD YASSIM

Optimal Power Flow Study of a Networked Micro-grid in Sarawak Rural Areas

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SPECIAL AWARDS

SPECIAL AWARD

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Muhammad Shafiq Bin Saman

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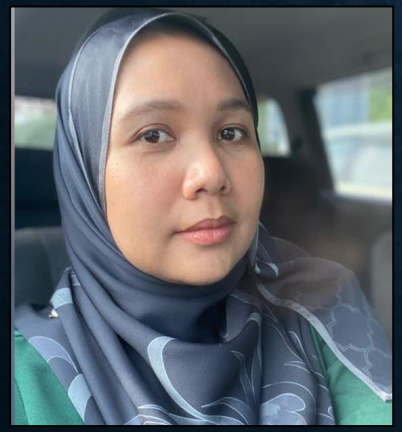

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