

**JUMLAH KESELURUHAN = 43 PRODUK****INOVASI KATEGORI PENSYARAH 2020**

| <b>Bil</b> | <b>Tajuk Inovasi</b>   | <b>Nama</b>   | <b>Program</b>   | <b>Peringkat/<br/>Pingat</b> |
|------------|--|---|--|------------------------------|
| 1.         | Electrical Measurement Board   | Ct Salwaniee Bt Bahayahkhi<br>Suriati Bt Ramle<br>Wee Siew Sia                          | Minggu Penyelidikan & Inovasi 2020 (10-11 Mac 2020)            | Kebangsaan (Bronze)          |
| 2.         | STKi Learning Kit  | Mohd Fariz Bin Abdul Azziz<br>Mohd Khairulazman Bin Hj Abu Bakar                        | Minggu Penyelidikan & Inovasi 2020 (10-11 Mac 2020)            | Kebangsaan (Silver)          |
| 3.         | Smart Iot Dryer Machine  | Norazlinawati Binti Mat Yaacob<br>Safira Binti Din<br>Fatimah Rusbiahty Binti Ahmad     | International Innovation Competition (Innocom) (15 Julai 2020) | Antarabangsa (Gold)          |
| 4.         | Penggunaan Sistem Iot_S4vip's Kepada Pelajar Jabatan Kejuruteraan Elektrik, Politeknik Sultan Mizan Zainal Abidin, Dungun, Terengganu. | Nur Adlina Binti Mohd Rani<br>Roduan Hishambri Bin Ismail<br>Muhammad Ridzuan Bin Idris | International Innovation Competition (Innocom) (15 Julai 2020) | Antarabangsa (Silver)        |
| 5.         | Lighting Control System With Iot (Lcosi)   | Nor Syuhada Binti Ayob<br>Mohd Adib Bin Zakaria   | International Innovation Competition (Innocom) (15 Julai 2020) | Antarabangsa (Silver)        |
| 6.         | Watering System For Plants With Iot Monitoring (Waspim)  | Mohd Adib Bin Zakaria<br>Nor Syuhada Binti Ayob   | International Innovation Competition (Innocom) (15 Julai 2020) | Antarabangsa (Silver)        |
| 7.         | Kajian Keberkesanan Penggunaan Basic Plc Training Kit Bagi Kursus Programmable Logic Controller & Automation (Dej5153)                 | Mohd Adib Bin Zakaria<br>Nor Syuhada Binti Ayob   | International Innovation Competition (Innocom) (15 Julai 2020) | Antarabangsa (Silver)        |
| 8.         | Kajian Persepsi Pelajar Terhadap Penggunaan Post Box With Iot Notification (Position) Sebagai Abm Untuk Kursus Embedded System         | Nazira Binti Yunus<br>Salmiza Binti Said  | International Innovation Competition (Innocom) (15 Julai 2020) | Antarabangsa (Silver)        |

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|     | Applications (Dec40053)<br>Di Psmza   |   |   |                       |
| 9.  | Peranti Rektifier Bagi Pelajar Dee20023 Semiconductor Device  | Wahidah Binti Abd Manap<br>Tengku Suzi Mas Ayu Binti Tuan Ameri                           | International Innovation Competition (Innocom) (15 Julai 2020)          | Antarabangsa (Silver) |
| 10. | Kajian Keberkesanan Penggunaan Smart Wudhu' Di Surau Jabatan Kejuruteraan Elektrik, Politeknik Sultan Mizan Zainal Abidin | Noraizan Binti Ibrahim<br>Nor Adillah Binti Ahmad Mazlan<br>Fatimah Rusbiahty Binti Ahmad | International Innovation Competition (Innocom) (15 Julai 2020)          | Antarabangsa (Silver) |
| 11. | Kajian Keberkesanan Modul Iot Di Kalangan Pensyarah Jke, Psmza Dalam Mendepani Cabaran Ir 4.0                             | Nurulhuda Abdul Rahman<br>Nur Fadzillah Binti Hussin                                      | International Innovation Competition (Innocom) (15 Julai 2020)          | Antarabangsa (Bronze) |
| 12. | Electrical Measurement Board  | Ct Salwaniee Binti Bahayahkhi<br>Wee Siuw Sia<br>Suriati Binti Ramle                      | Pertandingan Inovasi Pensyarah Tvet 2020 (Perisa '20) (14-15 Sept 2020) | Kebangsaan (Silver)   |
| 13. | My Digital Lesson   | Nor Azlina Binti Ibrahim<br>Norhayati Sa'adah Binti Che Abd Razak                         | Pertandingan Inovasi Pensyarah Tvet 2020 (Perisa '20) (14-15 Sept 2020) | Kebangsaan (Bronze)   |
| 14. | Combiolite  | Idura Arniza Binti Mohd Maidin<br>Mohd Hafizil Bin Mat Yasin                              | Pertandingan Inovasi Pensyarah Tvet 2020 (Perisa '20) (14-15 Sept 2020) | Kebangsaan (Bronze)   |
| 15. | Salted Fish Dryer   | Ts. Mohd. Hissham Bin Idris<br>Mohd. Hanapi Bin Jusoh                                     | Pertandingan Inovasi Pensyarah Tvet 2020 (Perisa '20) (14-15 Sept 2020) | Kebangsaan (Bronze)   |
| 16. | E-Measurer  | Tan Kooi Lim<br>Nor Muslaili Binti Mokhtar<br>Noorashikin Binti Ahmad                     | Pertandingan Inovasi Pensyarah Tvet 2020 (Perisa '20) (14-15 Sept 2020) | Kebangsaan (Bronze)   |
| 17. | Smart Info Board: Pc Components (Sipc)  | Nor Aznira Binti Yusoff<br>Melati Binti Sabtu<br>Nasrah Binti Mukhtar                     | Pertandingan Inovasi Pensyarah Tvet 2020 (Perisa '20) (14-15 Sept 2020) | Kebangsaan (Bronze)   |

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| 18. | Students Project Management Systems (Spms)           | Ts Dr Rusdi Bin Rusli<br>Akmal Bin Abdul Rahman<br>Saupi Bin Mohamed Noor<br>Che Hasnah Binti Mahmood | Asia International Innovation Exhibition (Aiinex) 2020 – 18-20 September 2020 | Antarabangsa (Silver)                                 |
| 19. | Radar Trainer For Communication Engineering Students | Norfadhilah Hasan<br>Nor Hasnati Bt Abdull Patas<br>Maizahtulakma Bt Mohd Khalid                      | Innotvet 2020 (20 Sept 2020 – 1 Okt 2020)                                     | International (Best Of The Best) (First Place) (Gold) |

### INOVASI KATEGORI PENSYARAH 2021

| Bil | Tajuk Inovasi                                       | Nama   | Program  | Peringkat/<br>Pingat        |
|-----|---|--|--|-----------------------------|
| 1.  | KIT PEMBELAJARAN STKI EBOOK DI POLITEKNIK           | Sharifuddin Bin Ahmad<br>Norita Binti Abd Aziz<br>Mohd Faizal Bin Che Mat<br>Natrah Bt. Mat Noor   | International Innovation Arsvot Malaysia (Iam2021)                                     | International (Consolation) |
| 2.  | M-LEARNING: (ESQUIMO 2.0) EXPONENTS QUICK WARM UP   | Ab. Aziz Ikhwan Bin Ab. Wahab<br>Nor Baiyyah Binti Mohd Nor Saidi<br>Noor Syahida Binti Shamsuddin | International Innovation Arsvot Malaysia (Iam2021)                                     | International (Silver)      |
| 3   | MOBILE ROBOT DEVICE TRAINER (MORDET)                | Ct Salwanee Binti Bahayahkhi<br>Wee Siuw Sia<br>Suriati Binti Ramle                                | Carnival Of Research And Innovation Virtual International Edition                      | International (Silver)      |
| 4   | SRAV TRAINER KIT                                    | Syed Arifin Bin Engku Sulong<br>Nor Juliha Binti Said<br>Roslinda Binti Mohd. Sidek                | Carnival Of Research And Innovation Virtual International Edition                      | International (Silver)      |
| 5   | RADAR TRAINER FOR COMMUNICATION ENGINEERING STUDENT | Norfadhilah Bt Hasan<br>Nor Hasnati Binti Abdull Patas<br>Maizahtulakma Binti Mohd Khalid          | PERISA '21   | Kebangsaan (Emas)           |
| 6   | 16 NM BLDC MOTOR FOR ELECTRIC BICYCLE APPLICATION   | Mohd Zulkifli Bin Ab. Rahman<br>Nur Zuriani Binti Izazu  | Virtual International Research And Innovation Symposium And Exposition 2021 (Rise2021) | International (Silver)      |

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| 7 | ALAT PENGECAS BATERI KERETA DINAMIK            | Mohd Fais Bin Ismail<br>Mohd Hanapi Bin Jusoh<br>Mohd Sallehin Bin Jusoh | Borneo Innovation Festival 2021                                  | Kebangsaan (Perak)       |
| 8 | MATHS COMP-KIT                                 | NURUL ADANI BINTI HARON  | Borneo Innovation Festival 2021                                  | Kebangsaan (Penghargaan) |
| 9 | E-LH Bdr (E-Laporan Harian Bekerja Dari Rumah) | Asrudin Bin Mat Ali  | Pertandingan Amalan Inovasi Pengurusan Karnival Inovasi@Umt 2021 | Kebangsaan (Emas)        |

### INOVASI KATEGORI PENSYARAH 2022

| Bil | Tajuk Inovasi   | Nama  | Program   | Peringkat/<br>Pingat   |
|-----|---|---|---|------------------------|
| 1.  | PROPELLER SHAFT REMOVER STAND   | Rosli Bin Abd Aziz  | PERTINO'22  | Institusi (Emas)       |
| 2.  | APLIKASI MCAD   | Mohd Gadaffi Bin Osman  | PMJB National Innovation & Creativity Competition 2022 (PNICC 22) | Kebangsaan (Silver)    |
| 3   | STAND ENGINE MOTOCYCLE  | Mohd Sailuddin B Mamat  | PMJB National Innovation & Creativity Competition 2022 (PNICC 22) | Kebangsaan (Silver)    |
| 4   | PSMART ( TAKWIM P&P PMS)  | Dr Norazmira Wati Binti Awang<br>Noor Muzlinda Binti Mat Hashim<br>Rohani Bte Abdul Razak | National Innovation & Creativity Competition 2022                 | Kebangsaan (Emas)      |
| 5   | SISTEM BANTUAN KEPUTUSAN PENCALONAN ANUGERAH PERKHIDMATAN CEMERLANG (SUPREME) | Ts. Mohyiddin Bin Salleh<br>Aida Azmila Binti Azmi<br>Hairi Bin Alias                     | International Innovative Competition (IIC 22)                     | International (Silver) |
| 6   | VIDEO KESELAMATAN DEWAN DAGANG PSMZA 2022                                     | Mohd Zulkifli Bin Ab. Rahman<br>Sufian Bin Salim @ Anam<br>Darmah Binti Abdullah          | Innovation Product Launching And Entrepreneurship (INNPOLEN 2022) | Kebangsaan (Gangsa)    |

## INOVASI KATEGORI PENSYARAH 2023

| Bil | Tajuk Inovasi  | Nama  | Program   | Peringkat/<br>Pingat   |
|-----|--|---|---|------------------------|
| 1.  | EASY ELECTRICAL WIRING TRAINER                                 | Mohd Maramuzafar Bin Mohamad<br>Mohd Ariff Bin Ramli                                      | International Invention, Innovation And Design Competition 2023 | International (Bronze) |
| 2.  | I-AGENDA   | Mazudi Bin Ramthan<br>Azlin Binti Yajid<br>Saiful Azizi Bin Abdullah                      | PMJB National Innovation & Creativity Competition 2023          | Kebangsaan (Gangsa)    |
| 3   | E-FASILITI: PSMZA FACILITIES MANAGEMENT AND RESERVATION SYSTEM | Ts. Dr Mohd Hafizil Bin Mat Yasin<br>Idura Arniza Binti Mohd Maidin                       | PMJB National Innovation & Creativity Competition 2023          | Kebangsaan (Gangsa)    |
| 4   | MYTOS  | Mohd Shahrezal Bin Abd Hamid<br>Nor Faizah Binti Ismail<br>Muhd Zuwairi Bin Ramli         | PMJB National Innovation & Creativity Competition 2023          | Kebangsaan (Gangsa)    |
| 5   | KIT E B.A.S  | Noli Binti Kasim<br>Noraini Binti Ismail  | International Invention, Innovation & Design Competition 2023   | International (Silver) |
| 6   | STATISTICS+SIMUL TANEIOUS EQUATION APPLICATION (SEA'23)        | Emilawati Binti Othman<br>Wan Mohd Rizairie Bin Wan Mohamad Noor<br>Norhafiza Binti Idris | International Invention, Innovation & Design Competition 2023   | International (Bronze) |
| 7   | THREE PHASE MOTOR CONTROL CIRCUIT TRAINER                      | Faizul Mohd Noor<br>Zulina Binti Zulkifeli<br>Masnizaimi Bin Mamat                        | International Invention, Innovation & Design Competition 2023   | International (Silver) |
| 8   | CAR DOOR PROTECTOR   | Mohd Maramuzafar Bin Mohamad  | International Invention, Innovation & Design Competition 2023   | International (Bronze) |
| 9   | PSMZA DORMITORY STUDENT ENTRY AND EXIT MONITORING SYSTEM       | Wan Salmizi Bin Wan Mahmood<br>Shahrah Binti Hamat<br>Mazudi Bin Ramthan                  | International Creative Innovation Idea Competition (Iciic 2023) | International (Gold)   |