

**JUMLAH KESELURUHAN = 27 PRODUK****INOVASI KATEGORI PELAJAR 2020**

<b>Bil</b>	<b>Tajuk Inovasi</b>	<b>Nama</b>	<b>Program</b>	<b>Peringkat/ Pingat</b>
1	MOBILE MOP	Ct Salwaniee Binti Bahayahkhi Suriati Binti Ramle Saidatul Nur Najegah Binti Mahari Norhidayu Binti Mohd Jasmin	INNOTVET 2020 (20 Sept 2020 – 1 Okt 2020)	International (Silver)
2	FLOOR CLEANER DRYER ROBOT WITH IOT	Zulina Binti Zulkifeli Fatimah Rusbiahty Binti Ahmad Amirul Firdaus Bin Aziz Nur Ifa Fitri Binti Mat Isa	INNOTVET 2020 (20 Sept 2020 – 1 Okt 2020)	International (Silver)
3	IOT FOOD HEATER COVER	Salmi Bt Zakaria Wan Azlinie Binti Wan Ahmad Muhammad Hisyamuddin Bin Abu Bakar Muhammad Danial Bin Abdul Shukor	INNOTVET 2020 (20 Sept 2020 – 1 Okt 2020)	International (Bronze)
4	DIVIDER SPRAY	Tengku Suzi Mas Ayu binti Tuan Ameri Mohd Azfar Fahimi bin Ramli Muhammad Fairuz bin Hishamuddin	INNOTVET 2020 (20 Sept 2020 – 1 Okt 2020)	International (Bronze)
5	AQUARIUM IOT SYSTEM	Zulina Binti Zulkifeli Nurulhuda Binti Abdul Rahman Muhammad Afiq Aznan Bin Che Azha Nur Fatin Nadhilah Binti Marzuki	INNOTVET 2020 (20 Sept 2020 – 1 Okt 2020)	International (Bronze)
6	iPARCEL GUARD	Ct Salwaniee Binti Bahayahkhi Suriati Binti Ramle Amirul Ikram Bin Zulkifli Muhammad Nazrin Naim Bin Abdullah	INNOTVET 2020 (20 Sept 2020 – 1 Okt 2020)	International (Bronze)
7	POSTBOX WITH IOT NOTIFICATION (POSITioN)	Mohamad Fazlan Bin Zakaria Ammar Bin Abdul Hakim Nazira Binti Yunus Adlina Izzah Binti Mohd Redza	INNOTVET 2020 (20 Sept 2020 – 1 Okt 2020)	International (Bronze)

8	IOT GAS LEAKAGE DETECTOR	Maizahtulakma Binti Mohd Khalid Khaliq Mohamed Bin Mustapha Kamal Muhammad Amirul Afif Bin Mohd Nordin Muhammad Fareez Bin Sarom Nurul Izzah Binti Jafri	iVEDIIC 2020 (17 Nov 2020 – 20 Nov 2020)	International  (Gold)
9	MONITORING MEDICINE BOX WITH IOT	Maizahtulakma Binti Mohd Khalid Muhammad Azzam Wahyudi Bin Karmuji Muhammad Noor Bin Nor Affandi Ahmad Abshyar Bin Sarkhan Abdul Muzakkir Bin Kasman	iVEDIIC 2020 (17 Nov 2020 – 20 Nov 2020)	International  (Gold)
10	FOUR WHEEL NUT OPENER TOOL	Ts. Muhd Hasanul Isyraf Bin Mat Junoh Tamilarasan A\L Murugan Hirtikraj A/L Muralintran Muhammad Hanif Bin Mohd Kamal Mohamad Amir Hakim Bin Mohamad Zaini	iVEDIIC 2020 (17 Nov 2020 – 20 Nov 2020)	International  (Gold)
11	IOT SMOKE DETECTOR(ISD)	Nor Hasnati Binti Abdull Patas Muhammad Zalnasywan Ikmal Bin Zulmi Nurhamirah Binti Ibrahim Nur Aina Najihah Binti Ismail	iVEDIIC 2020 (17 Nov 2020 – 20 Nov 2020)	International  (Silver)
12	ENEMY DETECTOR	Nor Hasnati Binti Abdull Patas Muhammad Danial Faris Bin Dzulkarnain Nor Azlina Binti Ab Rahman Norshahida Binti Fauzi	iVEDIIC 2020 (17 Nov 2020 – 20 Nov 2020)	International  (Silver)
13	DUO SPRING ABSORBER REMOMER MACHINE	Ts. Muhd Hasanul Isyraf Bin Mat Junoh Muhammad Abdul Fattah Budiman Bin Ismail Nik Ahmad Fathulbadri Bin Nik Zulhaiza Muhammad Shukri Bin Basharuddin Muhammad Abid Bin Ahmad Badlishah	iVEDIIC 2020 (17 Nov 2020 – 20 Nov 2020)	International  (Bronze)

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<b>Bil</b>	<b>Tajuk Inovasi</b>	<b>Nama</b>	<b>Program</b>	<b>Peringkat/ Pingat</b>
1	PORTTABLE HAND SANITIZER TECH 2.0	Muhammad Aqil Safwan Bin Shazwan Irfan Haziq B Mohd Zaki Muhd Iqbal Bin Hamdan Muhd Siddiq Bin Yusuf Zaki Norfadhilah Hasan	Karnival Inovasi @ UMT  (19-23 Disember 2021)	Kebangsaan (Emas)
2	ICT ASSETS MANAGEMENT SYSTEM (I- KEEP)	Arifbillah Bin Abdullah Sofwan Bin Aliza Shivaram A/L Vijayarou Nur Aisyah Binti Mohamad Rafiuddin	Karnival Inovasi @ UMT  (19-23 Disember 2021)	Kebangsaan (Emas)
3	MOTORCYCLE SPEED MONITORING	Kesendran Thevar A/L Nadarajan Alif Firdaus Bin Hashim Muhammad Syukri Bin Mohd Zain Mohd Hanapi Bin Jusoh	Karnival Inovasi @ UMT  (19-23 Disember 2021)	Kebangsaan (Perak)
4	MUET MANAGEMENT SYSTEM (E- MUET)	Nadiah Hanisah Binti Mohd Sha'ari Syahrizal Azri Bin Suliman Hanie Amirah Binti Zariman Nur Aisyah Binti Mohamad Rafiuddin	Karnival Inovasi @ UMT  (19-23 Disember 2021)	Kebangsaan (Perak)
5	SMART DUSTBIN	Nur Adlin Dayani Bt Ab Mulok Iffan Sahzwan Bin Mohd Zawawi Mior Naquiuddin Bin Mior Shabudin Mohammad Saifuddin Bin Hamid Norfadhilah Bt Hasan	Karnival Inovasi @ UMT  (19-23 Disember 2021)	Kebangsaan (Gangsa)

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1	MECHA-HAND AUGER V2	Nor Hayati Binti Ab.Rahim Raja Noor Alina Binti Raja Ali	Minggu Penyelidikan Dan Inovasi 2022	Kebangsaan (Gangsa)

		Ahmad Amirul Hakimi Bin Mohamad Yusuf Luqman Naim Bin Kamaruddin Nor Hidayah Binti Mamat		
2	CLC (CELUKA LITTICE COMPOSITE)FORMWORK COLOUMN	Mohd Hilmei Bin Abdul Azif Norhaniza Binti Mohf Noor Zahari Bin Mohamad Alya Batrisya Binti Mohd Zaulkifli	Borneo Innovation Festival 2022	Kebangsaan (Emas)
3	STAFF ACTIVITY MANAGEMNET SYSTEMS (SAMS)	Nor Azlina Binti Ibrahim Muhamad Zulasraf Bin Zulkifli Muhammad Fareez Daniel Bin Mohd Khalid	Innovation Competition And Exhibition 2022 (Incox 2022)	Kebangsaan (Gangsa)

### INOVASI KATEGORI PELAJAR 2023

Bil	Tajuk Inovasi	Nama	Program	Peringkat/ Pingat
1	EXHAUST FAN SENSOR BY USING MQ-2 & TMP36	Farriz Ikhwan Bin Ramlee Muhammad Ariff Bin Ramlan Mohamad Arshad Bin Rizal Aswandi Norfadhilah Hasan	Virtual TVET Research And Innovation Competition	Kebangsaan (Gangsa)
2	INTELLIGENT MOUSE TRAP	Mohd Ariff Daniel Bin Mohd Radzi Wee Siuw Sia	Virtual TVET Research And Innovation Competition	Kebangsaan (Perak)
3	C NOTES & COMPILER APPS (SOLOLEARN)	Muhammad Azrin Zakwan Bin Azri Nur Alya Batrisyia Binti Muhammad Noor Habibah Binti Rameli	Virtual TVET Research And Innovation Competition	Kebangsaan (Gangsa)
4	WASHER AND FILTER CHARCOAL MACHINE	Mohammad Faizi Bin Zilani Noor Ayman Daniel Bin Hishamuddin Luqman Hakim Bin Nasarudin Hazzimi Bin Zahari Ir Mohd Azriman Bin Mat Ali	ECOTHON 2023	3RD WINNER ECO-FRIENDLY PROJECT International (Bronze)
5	IOT IV BAG MONITORING AND	Muhammad Hanis Bin Mohd Khairul Azli	Virtual TVET Research And	NO 2 BEST OF THE BEST

	ALERT SYSTEM (IOT IV BAG MONAS)	Nurul Awatif Binti Mohamad Nurul Asyikin Binti Mohd Khaidir Khairul Akli Bin Ab Ghani	Innovation Competition	(INDUSTRIAL DESIGN) Kebangsaan (Emas)
6	MOVEABLE CHARGER	Muhammad Azrin Zakwan Bin Azri Nur Alya Batrisyia Binti Muhammad Noor Shahrir Bin Aidi Habibah Binti Rameli	Virtual TVET Research And Innovation Competition	Kebangsaan (Perak)