








NATIONAL INNOVATION &
INVENTION
COMPETITION 2022









GOLD AWARD

#	Code	Title	Affiliation	Sub-theme	Medal
Category: SIJIL / DIPLOMA (D)					
1	D39	Augmented Reality Malaysian English Sign Language (AR-MESL): An Edutainment Learning Aid	Universiti Tun Hussein Onn Malaysia	Education (EDU)	
2	D41	Colourful E-GSHECELL	Kolej Vokasional Perdagangan	Education (EDU)	
3	D75	Vehicle Fuel Pump Safety System & Power Window Controlled Using Bluetooth System	Kolej Vokasional Tawau	Automotive, Transportation and Industrial Design (AID)	
4	D49	EZY-MATERIAL Cost Variance	Kolej Vokasional Kuala Selangor	Education (EDU)	
5	D78	Automatic Sauce Dispenser	Kolej Vokasional Seri Manjung	Manufacturing Process, Machines and Equipment (MPE)	



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#	Code	Title	Affiliation	Sub-theme	Medal
Category: SIJIL / DIPLOMA (D)					
6	D33	Give The Plastic A New Life : Beads	Kolej Vokasional Ert	Manufacturing Process, Machines and Equipment (MPE)	
7	D45	e-Kantin KVSB	Kolej Vokasional Sungai Buloh	Pandemic Innovation, Education (PIE)	
8	D15	Single Phase Wiring Testing Panel	Kolej Vokasional Kulim	Education (EDU)	
9	D53	HYFA1	Kolej Vokasional Perdagangan	Education (EDU)	
10	D57	RCCB Trip Test Reminder (RTTR)	Kolej Vokasional Kuala Klawang	ICT, Multimedia and Telecommunications, Electrical and Electronic (IME)	
11	D81	OLENA (Krim Penyembuh Luka)	Kolej Vokasional (Pertanian) Teluk Intan	Biotechnology, Health and Chemicals (BHC)	



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Category: SIJIL / DIPLOMA (D)					
12	D44	Development of Smart Step Sanitizer to Eliminate Contact	Melaka International College of Science And Technology (Micost)	Pandemic Innovation, Education (PIE)	
13	D36	Tepung Biji Nangka	Kolej Vokasional Gombak	Agriculture, Environmental and Renewable Energy (ARE)	
14	D63	Smart MCB Tracer	Kolej Vokasional Kuala Klawang	Education (EDU)	
15	D69	VRCon	Melaka International College of Science And Technology (Micost)	ICT, Multimedia and Telecommunications, Electrical and Electronic (IME)	
16	D24	Corn Thresher Machine	Kolej Vokasional Kerian	Manufacturing Process, Machines and Equipment (MPE)	
17	D64	Projek Smart Portable Water Dispenser (SPWD)	Institut Kemahiran Mara Sik	Manufacturing Process, Machines and Equipment (MPE)	



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#	Code	Title	Affiliation	Sub-theme	Medal
Category: SIJIL / DIPLOMA (D)					
18	D43	Development of Online Food Ordering System For Kluang Vocational College Residents (e-Cafe)	Kolej Vokasional Kluang	Pandemic Innovation, Education (PIE)	
19	D74	Safety Automatic Cut Off Fuel Ignition System In Vehicles	Kolej Vokasional Tawau	Automotive, Transportation and Industrial Design (AID)	



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SILVER AWARD

#	Code	Title	Affiliation	Sub-theme	Medal
Category: SIJIL / DIPLOMA (D)					
1	D34	Smart Planter V1	Kolej Vokasional Sepang	ICT, Multimedia and Telecommunications , Electrical and Electronic (IME)	
2	D31	Curry Puff Maker Machine	Institut Kemahiran Mara Kuala Lumpur	Manufacturing Process, Machines and Equipment (MPE)	
3	D13	Kecekapan Operasi Mesin Pemetong Pisang Tanduk Secara Semi-Automatik	Universiti Tun Hussein Onn Malaysia	Manufacturing Process, Machines and Equipment (MPE)	
4	D65	Special Oil	Kolej Vokasional Gombak	Biotechnology, Health and Chemicals (BHC)	
5	D18	Revised Adjustable Bricklaying Tool	Politeknik Kuching Sarawak	Building, Construction and Materials (BCM)	



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#	Code	Title	Affiliation	Sub-theme	Medal
Category: SIJIL / DIPLOMA (D)					
6	D54	MyKSKv E-Learning	Kolej Vokasional Sungai Buloh	ICT, Multimedia and Telecommunications , Electrical and Electronic (IME)	
7	D37	Seaweed Chips	Kolej Vokasional Datuk Seri Abu Zahar Isnin	Manufacturing Process, Machines and Equipment (MPE)	
8	D20	AnNur Homemade dishwashing soap from a mixture of used cooking oil and aloe vera gel	Kolej Vokasional Ipoh	Agriculture, Environmental and Renewable Energy (ARE)	
9	D17	Interlocking, Aircrete and Cellular Based Block	Politeknik Kuching Sarawak	Building, Construction and Materials (BCM)	
10	D38	AR20 Smart Home	Kolej Vokasional Sungai Buloh	ICT, Multimedia and Telecommunications , Electrical and Electronic (IME)	
11	D58	Smart Home Training Kit (SHTK)	Institut Kemahiran Mara Sik	ICT, Multimedia and Telecommunications , Electrical and Electronic (IME)	
12	D46	e-Log OJT	Kolej Vokasional Sungai Buloh	Pandemic Innovation, Education (PIE)	



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#	Code	Title	Affiliation	Sub-theme	Medal
Category: SIJIL / DIPLOMA (D)					
13	D68	Virtual Reality Airconditioning Learning Device (VRAL)	Institut Kemahiran Mara Sik	Pandemic Innovation, Education (PIE)	
14	D56	PSMZA Covid-19 Management System	Politeknik Sultan Mizan Zainal Abidin	Pandemic Innovation, Education (PIE)	
15	D30	Yam Nugget	Kolej Vokasional Sungai Petani 2	Agriculture, Environmental and Renewable Energy (ARE)	
16	D61	Keyboarding Training Kit	Kolej Vokasional Sungai Petani 2	Education (EDU)	
17	D19	Mini Anchovies Peeler	Institut Latihan Perindustrian	Manufacturing Process, Machines and Equipment (MPE)	
18	D71	Sleeping Eye Warning Device	Kolej Vokasional Tawau	Automotive, Transportation and Industrial Design (AID)	
19	D72	Using Fingerprint System to Unlock Car Door	Kolej Vokasional Tawau	Automotive, Transportation and Industrial Design (AID)	



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#	Code	Title	Affiliation	Sub-theme	Medal
Category: SIJIL / DIPLOMA (D)					
20	D26	Intelligent Traffic Light	Kolej Vokasional Sepang	ICT, Multimedia and Telecommunications , Electrical and Electronic (IME)	
21	D59	SISTEM KEMANJA - Keluar Masuk Pelajar	Kolej Komuniti Jelebu	ICT, Multimedia and Telecommunications , Electrical and Electronic (IME)	
22	D66	Penghasilan Peta Digital Berinformasi di Politeknik Sultan Azlan Shah, I-map	Politeknik Sultan Azlan Shah	Pandemic Innovation, Education (PIE)	
23	D55	"OMSACA" Bahan Penyerap Minyak Untuk Mengatasi Masalah Pencemaran Air	Kolej Vokasional (Pertanian) Teluk Intan	Agriculture, Environmental and Renewable Energy (ARE)	
24	D73	2 JOINT	Kolej Vokasional Seberang Perai	Building, Construction and Materials (BCM)	
25	D67	Virtual Competiton Kit	Kolej Vokasional Kuala Selangor	ICT, Multimedia and Telecommunications , Electrical and Electronic (IME)	
26	D23	Sistem Kitaran Air Kawalan Plc Dan Tenaga Solar	Kolej Vokasional Setapak	ICT, Multimedia and Telecommunications , Electrical and Electronic (IME)	



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#	Code	Title	Affiliation	Sub-theme	Medal
Category: SIJIL / DIPLOMA (D)					
27	D21	Development And Sensory Evaluation Of Dates Ice Cream	Politeknik Merlimau	Agriculture, Environmental and Renewable Energy (ARE)	
28	D77	Bot Lipat Penyelamat Banjir	Kolej Vokasional Pasir Gudang	Automotive, Transportation and Industrial Design (AID)	
29	D32	Free Energy Water Pump (FreAi)	Politeknik Kuching Sarawak	Agriculture, Environmental and Renewable Energy (ARE)	
30	D40	Basikal Kargo	Institut Kemahiran Mara Kuala Lumpur	Automotive, Transportation and Industrial Design (AID)	
31	D52	HaniAisyah Hair oil	Kolej Vokasional Ipoh	Biotechnology, Health and Chemicals (BHC)	
32	D09	Individual Spike Trainer	Kolej Vokasional Keningau	Manufacturing Process, Machines and Equipment (MPE)	
33	D80	Marine Remotely Operated Underwater (MaROV)	Kolej Vokasional Pasir Gudang	Automotive, Transportation and Industrial Design (AID)	



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BRONZE AWARD

#	Code	Title	Affiliation	Sub-theme	Medal
Category: STAF / PROFESSIONAL (E)					
1	D29	Pumpkin Dodol	Kolej Vokasional Sungai Petani 2	Agriculture, Environmental And Renewable Energy (Are)	
2	D10	Sejadah Pintar	Kolej Vokasional Ampangan Seremban	Ict, Multimedia And Telecommunications , Electrical And Electronic (Ime)	
3	D28	Muffin Keladi Bunga Telang	Kolej Vokasional Sungai Petani 2	Agriculture, Environmental And Renewable Energy (Are)	
4	D47	E-Parcel KVKS System	Kolej Vokasional Kuala Selangor	Ict, Multimedia And Telecommunications , Electrical And Electronic (Ime)	
5	D50	Glow In The Dark	Kolej Vokasional Kangar	Pandemic Innovation, Education (Pie)	



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#	Code	Title	Affiliation	Sub-theme	Medal
Category: STAF / PROFESSIONAL (E)					
6	D42	Development Of Diploma Subject Registration Mobile Application Based On Appsheets And Google Sheets For Diploma Student At Kluang Vocational College	Kolej Vokasional Kluang	Ict, Multimedia And Telecommunications , Electrical And Electronic (Ime)	
7	D48	Emergency Online Report Service (EORS)	Kolej Vokasional Sepang	Ict, Multimedia And Telecommunications , Electrical And Electronic (Ime)	
8	D25	V-Meringue Kisses	Kolej Vokasional Sungai Petani 2	Agriculture, Environmental And Renewable Energy (Are)	
9	D35	E - KVKS	Kolej Vokasional Kuala Selangor	Ict, Multimedia And Telecommunications , Electrical And Electronic (Ime)	
10	D70	Lapik Creative: Recycle Ring File	Kolej Vokasional Gombak	Agriculture, Environmental And Renewable Energy (Are)	
11	D76	Troli Serbaguna	Kolej Vokasional Pasir Gudang	Manufacturing Process, Machines And Equipment (Mpe)	



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Category: STAF / PROFESSIONAL (E)					
12	D27	Tart Belimbing Buluh	Kolej Vokasional Sungai Petani 2	Agriculture, Environmental And Renewable Energy (Are)	
13	D82	Smart Pedestrian Traffic Light	Kolej Vokasional Seri Manjung	Automotive, Transportation And Industrial Design (Aid)	