

NO.	Inventor (Full Name)	Institution / Agency / School	Product Category	Invention (Please ensure title of invention filled in correctly)	Research Field	BOOTH NO	MEDAL
1	Siti Azilah	UPNM	Category C: Innovative Research	Smart Landing Board - Chwiso	Education, Community Development and Social Science	C01SS	GOLD
2	Siti Azilah Atan	UPNM	Category C: Innovative Research	Youth Football Simulation Running Protocol	Education, Community Development and Social Science	C02SS	GOLD
3	Hafiz Maulana Hudha	Sekolah Indonesia Kuala Lumpur	Category C: Innovative Research	Eco-Friendly Bricks With Waste Paper	Climate Change, Environment and Sustainability	C01CC	BRONZE
4	Noor Hamzani Farizan	Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	AquaHoop Buddies: The Benefits of Aquatic Strategies and Techniques for Children with Autism	Education, Community Development and Social Science	C03SS	SILVER

5	Ilman Ziqri bin Mohamad Asmidzam & Qisyah Khayla binti Mohamad Asmidzam	SK Putrajaya Presint 11(3)	Category C: Innovative Research	My STEM Innovation	Science, Technology, Engineering and Mathematics Education (STEM)	C01ST	BRONZE
6	NUR AISYAH AQILAH BINTI MOHD FAUZI	UNIVERSITI PERTAHANAN NASIONAL MALAYSIA	Category C: Innovative Research	UTILIZING A CRISIS-READY TECHNOLOGY SURVEY TO ASSESS PREPAREDNESS FOR TECHNOLOGY IN TIMES OF CRISIS	Education, Community Development and Social Science	C04SS	GOLD
7	Fareisyah Zulaikha Binti Mohd Sani	Fakulti Kejuruteraan, UPNM	Category C: Innovative Research	Faulty Propeller Prediction System for quadrotor UAV based on Informative Acoustical Features.	Industrial Revolution 4.0/Cyber Security/Data Analytic/Artificial Intelligent	C01IR	SILVER
8	Suzaimah Ramli	UPNM	Category C: Innovative Research	Driver Distraction Apps	Industrial Revolution 4.0/Cyber Security/Data Analytic/Artificial Intelligent	C02IR	GOLD
9	Syed Nasir Alsagoff bin Syed Zakaria	UPNM	Category C: Innovative Research	MSYNC : MULTI SYNC EMERGENCY SUPPORT SYSTEM	Humanitarian Assistance Disaster Relief	C01DR	GOLD
10	Syed Nasir Alsagoff bin Syed Zakaria	UPNM	Category C: Innovative Research	SISTEM PEMANTAUAN KEGUNAAN LEBAR JALUR (BANDWIDTH) SECARA BERPUSAT DI MAKMAL KOMPUTER	Industrial Revolution 4.0/Cyber Security/Data Analytic/Artificial Intelligent	C03IR	GOLD

11	Syed Nasir Alsagoff bin Syed Zakaria	UPNM	Category C: Innovative Research	SISTEM PENGUNCIAN OPERASI WINDOWS SECARA BERPUSAT	Industrial Revolution 4.0/Cyber Security/Data Analytic/Artificial Intelligent	C04IR	GOLD
12	Syed Nasir Alsagoff bin Syed Zakaria	UPNM	Category C: Innovative Research	DOCUMENT SELF DESTRUCT SYSTEM USING DOD 5220.22-M	Industrial Revolution 4.0/Cyber Security/Data Analytic/Artificial Intelligent	C05IR	GOLD
13	Syed Nasir Alsagoff bin Syed Zakaria	UPNM	Category C: Innovative Research	SISTEM PENCARIAN GAMBAR YANG MENCURIGAI	Industrial Revolution 4.0/Cyber Security/Data Analytic/Artificial Intelligent	C06IR	GOLD
14	Norshahriah Abdul Wahab	UPNM	Category C: Innovative Research	Exploration of Abdominal Cavity Anatomy in Mixed Reality Environment	Medical and Healthcare	C01MH	GOLD

15	Muhammad Fairuz Bin Abd Rauf	Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	Sistem Penjejakan Pegawai Kadet	Industrial Revolution 4.0/Cyber Security/Data Analytic/Artificial Intelligent	C07IR	SILVER
16	Syarifah Bahiyah Rahayu	UPNM	Category C: Innovative Research	MULTIMODAL APPROACH FOR STUDENT ATTENDANCE MONITORING IN A HYBRID LEARNING	Education, Community Development and Social Science	C05SS	SILVER
17	Roshamida binti Abd Jamil	Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	Energy Ship for Far Offshore Wind Energy Exploitation	Climate Change, Environment and Sustainability	C02CC	GOLD
18	Noor Hafizah Amer	Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	Handheld human detector device for search and rescue (SAR) application	Humanitarian Assistance Disaster Relief	C02DR	SILVER
19	Ng Choy Peng	Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	Vehicle Alert Radar System (VARS)	Frontier, Defence Technology and Defence Infrastructure	C01DT	GOLD
20	JAHWARHAR IZUAN BIN ABDUL RASHID	Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	PseudoSense 2.0: A Smartphone-Integrated Biosensor for Rapid Detection of Pseudomonas Aeruginosa Infections	Medical and Healthcare	C02MH	GOLD

21	MOHD TAUFIK BIN JUSOH @ TAJUDIN	UPNM	Category C: Innovative Research	WEARABLE ANTENNA FOR MILITARY ATTIRE	Frontier, Defence Technology and Defence Infrastructure	C02DT	SILVER
22	Lt Kdr Dr. Norzaima binti Nordin TLDM (B)	UPNM	Category C: Innovative Research	A Parametric Study of Small- Scale Offshore Vertical Axis Wind Turbines: Unlocking Potential in Low Wind Profile Regions	Energy and Water Security	C01EW	GOLD
23	Faridah Hanim binti khairuddin	Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	Interlocking Paver Block with Silica Fume for Sustainable Road	Climate Change, Environment and Sustainability	C03CC	GOLD
24	Shahrulfadly bin Rustam	Akademi Kecergasan Pertahanan Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	Fitness Application For Measuring The Level of Lower Body Strength	Education, Community Development and Social Science	C06SS	GOLD

25	Norshahriah Abdul Wahab	UPNM	Category C: Innovative Research	Mangrove Vegetation Analysis Using Clustered Multispectral Landsat Images	Climate Change, Environment and Sustainability	C04CC	GOLD
26	Nur Diyana Kamarudin	UPNM	Category C: Innovative Research	EmotiCare: An Emotional Intelligence App towards a New-Gen Digital Counselling Experience	Medical and Healthcare	C03MH	GOLD
27	NOR IKA SHAHIRAH BINTI RAMLI	UNIVERSITI MALAYSIA SARAWAK	Category C: Innovative Research	Improving the Efficiency and Accuracy of Digital Forensics Investigations with Multi-Criteria Decision Making: A focus on File Carving Tool Selection	Industrial Revolution 4.0/Cyber Security/Data Analytic/Artificial Intelligent	C08IR	GOLD
28	Amnah Saayah Binti Ismail	Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	Model High-Five KEPWA	Education, Community Development and Social Science	C07SS	SILVER
29	Ummul Fahri Binti Abdul Rauf	Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	SMART DISTRIBUTION SYSTEM OF STUDENT'S LECTURE GROUP FOR PUSAT ASASI PERTAHANAN UPNM	Industrial Revolution 4.0/Cyber Security/Data Analytic/Artificial Intelligent	C09IR	SILVER

30	Sarah Iziani Ramli	Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	THE ELEVATE PROGRAM: MENTAL HEALTH AND WELL-BEING EMPOWERMENT FOR WOMEN IN NEED	Education, Community Development and Social Science	C08SS	GOLD
31	Mohd Hazali bin Mohamed Halip	Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	MyTraining Siber: A Virtual Learning Platform for Cyber Security Education	Education, Community Development and Social Science	C09SS	GOLD
32	Syarifah Bahiyah Rahayu	UPNM	Category C: Innovative Research	Harmony Cipher	Education, Community Development and Social Science	C10SS	BRONZE
33	Syarifah Bahiyah Rahayu	UPNM	Category C: Innovative Research	NOBLE CRYPTOGRAPHY QUEST : THE PRINCE'S RESCUE	Education, Community Development and Social Science	C11SS	GOLD
34	FATIN AMIRAH BINTI AHMAD SHUKRI	Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	ThMJ	Science, Technology, Engineering and Mathematics Education (STEM)	C05ST	GOLD
35	Mohd Azzeri bin Md Naiem	UPNM	Category C: Innovative Research	The Innovation of Digital Parallel Ruler (DPR) for Map Plotting	Science, Technology, Engineering and Mathematics Education (STEM)	C02ST	GOLD

36	1.Vlasaerra madin , 2. Max Goh, 3. Edlewise Lovender Lawrine	SMART COLLEGE	Category C: Innovative Research	Beeswrapper Alternative for a Greener Solution	Food Safety and Security	C01FS	SILVER
37	Sathyaaruban A/L Devaraj	Pusat Keselamatan Siber dan Revolusi Industri Digital, UPNM	Category C: Innovative Research	Smart Parent Visiting System (SPVS)	Industrial Revolution 4.0/Cyber Security/Data Analytic/Artificial Intelligent	C10IR	GOLD
38	MUHAMMAD IRFAN BIN MOHD RAFFI	Pusat Keselamatan Siber dan Revolusi Industri Digital, UPNM	Category C: Innovative Research	Leveraging NFC Technology for Student In and Out from Campus.	Industrial Revolution 4.0/Cyber Security/Data Analytic/Artificial Intelligent	C11IR	SILVER
39	Nur Aisyah Abdul Fataf	Universiti Pertahanan National Malaysia	Category C: Innovative Research	MCLCK Game (Malaysia: Crypto Language Culture Kit Game)	Science, Technology, Engineering and Mathematics Education (STEM)	C03ST	GOLD
40	MOHD MOESLI BIN MUHAMMAD	INSTITUT PENYELIDIKAN SAINS & TEKNOLOGI PERTAHANAN (STRIDE)	Category C: Innovative Research	Non-destructive testing of rockets using digital radiography methods	Frontier, Defence Technology and Defence Infrastructure	C03DT	GOLD

41	Ja'afar Bin Adnan	Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	PowerPulse: Smart Electrical Distribution Board	Science, Technology, Engineering and Mathematics Education (STEM)	C04ST	SILVER
42	Baizura Bohari	Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	Small-scale Hybrid Wind-Solar Renewable Energy Systems	Climate Change, Environment and Sustainability	C05CC	SILVER
43	Suriyadi Sojipto	Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	Douse Fire 2.0	Climate Change, Environment and Sustainability	C06CC	GOLD
44	Anis Shahida Mokhtar	Upnm	Category C: Innovative Research	IMPLEMENTATION OF REAL TIME SMART HOME AUTOMATION AND MONITORING USING IOT BASED SENSING AND FPGA	Industrial Revolution 4.0/Cyber Security/Data Analytic/Artificial Intelligent	C12IR	SILVER
45	Elya binti Mohd Nor	Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	Industrial Vibration Alert System User Manual	Science, Technology, Engineering and Mathematics Education (STEM)	C06ST	GOLD

46	Nor Izzah Binti Mokhtar	Universiti Pertahanan Nasional Malaysia	Category C: Innovative Research	Shear Performance of Yellow Meranti Solid Timber Beam Strengthened Using Fibre Reinforced Polymer	Science, Technology, Engineering and Mathematics Education (STEM)	C07ST	GOLD
47	WAN SU EMI YUSNITA BINTI WAN YUSOF	UPNM	Category C: Innovative Research	Unveiling Tacit Knowledge and Cultural Insights: Empowering Malaysian Military Observers' Situational Awareness	National Security	C01NS	GOLD
48	NORZAURA BINTI ABD RAHMAN	UNIVERSITI PERTAHANAN NASIONAL MALAYSIA	Category C: Innovative Research	e-Happiness : Sistem Pengukuran Indeks Kegembiraan Staf UPNM	Education, Community Development and Social Science	C12SS	GOLD
49	Mohd Nazrin bin Mohd Daud	UPNM	Category C: Innovative Research	Improvement in Strength Properties of Subgrade Soil using Bamboo Fiber	Science, Technology, Engineering and Mathematics Education (STEM)	C08ST	BRONZE
50	SYAHANEIM BINTI MARZUKHI	UPNM	Category C: Innovative Research	MUNSHI (MULTI-LINGUAL HIGH INTEGERS) MOBILE APP GENERATOR AND TRANSLATOR	Science, Technology, Engineering and Mathematics Education (STEM)	C09ST	GOLD

51	SYAHANEIM BINTI MARZUKHI	UPNM	Category C: Innovative Research	IOT BASED FLOOD MONITORING AND NOTIFICATION SYSTEM	Climate Change, Environment and Sustainability	C07CC	BRONZE
52	ZUBAIDAH AIMI BINTI ABDUL HAMID	UNIVERSITI MALAYSIA KELANTAN	Category C: Innovative Research	Perceptions and Acceptance of JeliXBee Gummies Made from Stingless Bee Honey: Implications for Healthy Snack Innovation	Medical and Healthcare	C04MH	GOLD
53	ZATIL IZZAH BINTI AHMAD TARMIZI	UNIVERSITI TEKNOLOGI MALAYSIA, MALAYSIA JAPAN INTERNATIONAL INSTITUTE OF TEKNOLOGI	Category C: Innovative Research	PRODUCTION OF CITRUS HYSTRIX DISHWASHING SOAP WITH PLANT EXTRACT FROM WASTE COOKING OIL FOR SUSTAINABLE FUTURE	Climate Change, Environment and Sustainability	C08CC	GOLD
54	Muhammad Shafiq bin Abu Mansor		Category C: Innovative Research	UAV- CND: ENHANCED UAV PLATFORM FOR CARRIER AND DROP	Science, Technology, Engineering and Mathematics Education (STEM)	C10ST	SILVER