



KEPUTUSAN PINGAT UPSI-MoST SYMPOSIUM 2026

Senarai Projek Mengikut Kategori,
Pingat, dan Institusi



PINGAT EMAS – Kategori IPT / TVET (Bahagian 1)



Bil.	ID Projek & Tajuk Inovasi	Institusi
1	IPT044: Telara	Kolej Komuniti Sungai Petani
2	IPT019: ParkWise Campus: A Digital Web GIS Platform for Data-Driven Parking Decision Support	UiTM Shah Alam, Selangor
3	IPT056: Intelligent Water Monitoring and Management System Using IoT and Machine Learning for Sustainable Paddy Farming	Universiti Teknologi PETRONAS
4	IPT018: EnerLingo: A Gamified Digital English Learning Toolkit for Smart Energy and Green Mobility	Universiti Pendidikan Sultan Idris
5	IPT017: SMART AUTO MINI COMPRESSOR	Kolej Vokasional Klang
6	IPT020: CampusMove: A Smart GIS Platform Linking Student Housing with Sustainable Mobility	Bidang Sains Ukur dan Geomatik, Fakulti Alam Bina, UiTM Shah Alam
7	IPT030: WINDFAR ENERGY	TVETMARA Seberang Perai Utara, Pulau Pinang
8	IPT058: COURSE PERFORMANCE REPORT SYSTEM (CPRS)	SEGi College Penang



PINGAT EMAS – Kategori IPT / TVET

(Bahagian 2)



Bil.	ID Projek & Tajuk Inovasi	Institusi
9	IPT006: Modul Penggunaan Breadboard dalam Penyambungan Litar	Universiti Pendidikan Sultan Idris
10	IPT055: SolarIQ: Real-Time Solar Irradiance Telemetry and Photovoltaic Fault Diagnostic System	Universiti Malaysia Perlis
11	IPT027: AUTOMATED SOLAR GARDEN IRRIGATION SYSTEM	TVETMARA Kemaman
12	IPT038: D.I.V.E. EcoAction Model: From Awareness to Sustainable Action	UiTM Cawangan Melaka, Kampus Alor Gajah
13	IPT046: INTELLIPOWER BASED ON IOT AND RFID	Kolej Vokasional Sungai Buloh
14	IPT037: SMART STATIC SCARECROW WITH ANTI-PERCH SYSTEM	Kolej Vokasional Sungai Buloh
15	IPT009: PAPAI TENDER COARSE	Noble School City Campus
16	IPT005: PORTABLE SMART TOWER GARDEN	Politeknik Sultan Haji Ahmad Shah
17	IPT033: SISTEM AMARAN AWAL KEPALA AIR	Kolej Vokasional Seri Manjung



PINGAT PERAK – Kategori IPT / TVET (Bahagian 1)



Bil.	ID Projek & Tajuk Inovasi	Institusi
1	IPT032: DAISY SCANNER: A WEB-BASED URL VULNERABILITY SCANNER	Politeknik Mersing Johor
2	IPTA025: From Waste to Clean Water: Natural Zeolite Clinoptilolite Alginate Beads for Enhanced Methylene Blue Removal	Kolej Vokasional Perdagangan Johor Bahru
3	IPT021: EcoCool	Kolej Vokasional Sepang
4	IPT036: Kit pembelajaran pendawaian satu fasa berasaskan sistem solar	Kolej Vokasional Sungai Buloh
5	IPT059: Solar-Powered EV Charging Station with Intelligent Energy Management System (EMS)	Kolej Matrikulasi Melaka
6	IPT052: SIKaP - Sistem Integrasi Kaunselor Pelatih	Universiti Pendidikan Sultan Idris
7	IPT026: COMPACT WASTE HEAT THERMOELECTRIC GENERATOR	TVETMARA Seberang Perai Utara
8	IPT041: Fire Prevention System for Distribution Box	Kolej Vokasional Sungai Buloh



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PINGAT PERAK – Kategori IPT / TVET (Bahagian 2)



Bil.	ID Projek & Tajuk Inovasi	Institusi
9	IPT042: Smart Weather Responsive Window	Kolej Vokasional Sungai Buloh
10	IPT057: EmpowerMom: Smart Food Pickup and System	Politeknik Kuala Terengganu
11	IPT040: Smart Access & Inventory System	Kolej Vokasional Sungai Buloh
12	IPT008: ENGINE XPLORE INTERACTIVE PUZZLE	Kolej Vokasional Tanjung Piai
13	IPT012: SMART KEY STORAGE BOX	Politeknik Banting Selangor
14	IPT048: KGGMKB Connect: Innovating Information Delivery and Digital Member Services	Politeknik Sultan Abdul Halim Mu'adzam Shah
15	IPT016: MIDNIGHT PATCH DENIM	Kolej Vokasional (ERT) Azizah
16	IPT002: PROTOTYPE DEVELOPMENT OF A COOLING SYSTEM FOR EV BATTERY	Politeknik Sultan Azlan Shah



PINGAT PERAK – Kategori IPT / TVET (Bahagian 3)



Bil.	ID Projek & Tajuk Inovasi	Institusi
17	IPT003: GreenSkills Passport: A Verified Digital Credential System for Sustainable Talent	Universiti Teknologi MARA
18	IPT060: PILLOW BACKPACK LAPTOP	Kolej Vokasional (ERT) Azizah
19	IPT004: EBIZCLASS	Kolej Vokasional Beaufort
20	IPT028: SMART QR - BIS KVK	Kolej Vokasional Klang
21	IPT053: Edge AI Energy and Carbon Monitoring System	Fakulti Kejuruteraan Elektrik dan Teknologi, UniMAP
22	IPT054: RT-Sense: AI-Driven Real-Time Soil Monitoring and Intelligent Fertilizer Management System	Department of Mechatronics, Faculty of Electrical Engineering & Technology, UniMAP
23	IPT062: DEVELOPMENT OF SUTEM NUGGETS	Politeknik Tun Syed Nasir Syed Ismail



PINGAT GANGSA – Kategori IPT / TVET (Bahagian 1)



Bil.	ID Projek & Tajuk Inovasi	Institusi
1	IPT010: MELONSKIN JAM	Noble School City Campus
2	IPT011: PERICARP GARCINIA MANGOSTANAL	Noble School City Campus
3	IPT015: PEKA GLASSES	Kolej Matrikulasi Labuan
4	IPT049: TOPANG BOLEH LARAS (GRIPEZ)	Kolej Vokasional Kuala Krai
5	IPT014: CUKA KULIT NENAS	Noble School City Campus
6	IPT050: MTRAV 4.0	Institut Pendidikan Guru Kampus Pulau Pinang
7	IPT001: Trainer Counter by using JK Flip Flop	Politeknik Kota Bharu, Kelantan
8	IPT039: CALL SMART, STAY SAFE: A Truecaller Apps Animated Explainer Video for Digital Literacy	UiTM Cawangan Melaka, Kampus Alor Gajah



PINGAT GANGSA – Kategori IPT / TVET (Bahagian 2)



Bil.	ID Projek & Tajuk Inovasi	Institusi
9	IPT022: DualMind - Quiz Generator Prototype	Kolej Vokasional Sepang
10	IPT029: RUBBISH COLLECTOR	TVETMARA Lumut
11	IPT061: QALAM TUNAS	UNISEL Kampus Bestari Jaya
12	IPT031: Sistem Pemantauan Laluan Hiking Pintar (PATHS) & Pengesanan Lokasi GPS	Kolej Vokasional Sepang
13	IPT023: Urban AgriCube Tower	Universiti Pendidikan Sultan Idris
14	IPT013: Flexi Cylinder Head Stand	Universiti Pendidikan Sultan Idris
15	IPT024: SIGNAL (HIRARC)	Kolej Vokasional Perdagangan Johor Bahru
16	IPT051: KOTAK BENTUK TIANG KELULI (STELCOLTECH)	Kolej Vokasional Kuala Krai
17	IPT047: PROJEK INOVASI BERASSMART	Kolej Vokasional Sungai Buloh