

CROWN Event B (PAGI)				
BOOTH ID	TITLE	idea_institution	LEADER NAME	MEDAL
B092	LOW PERMEABILITY AND HIGH STRENGTH OF N-BPW LIN	UNIVERSITI TEKNOLOGI MARA CAWANGAN PULAU PIN	NUR AZWA BINTI MUHAMAD BASHAR	GOLD
B096	SIS OIL - SACHA INCHI OIL-BASED SERUM FOR SKIN CARE	UNIVERSITI TEKNOLOGI MARA PERLIS BRANCH	HAMIDAH BINTI JAAFAR SIDEK	GOLD
B085	NA BATTERY FOR FUTURE (IONIC LIQUID POLYMER ELECT	UNIVERSITI TEKNOLOGI MARA (UITM) SHAH ALAM	DR MOHD AZRI BIN AB RANI	GOLD
B034	SMART DRAIN	MAJLIS PERBANDARAN KULIM	IR MUHAMAD TARMYMY BIN CHE ANI	GOLD
B094	SMART DISABLE PARKING SYSTEM USING WELCOMING A	UNIVERSITI TEKNOLOGI MARA KELANTAN BRANCH, UN	ONG BOO SIONG	GOLD
B062	PERSUASIVE MULTIMEDIA APPLICATION ON THE TOPIC O	UNIVERSITI SAINS MALAYSIA	ASSOC. PROF WAN AHMAD JAAFAR WAN YAHAYA	GOLD
B046	MICROSCALE CHEMISTRY KIT	SCHOOL OF CHEMICAL SCIENCES, UNIVERSITI SAINS M	NOR HASNIZA ZULKEPLI	GOLD
B035	NATIONAL CHILD DATA CENTRE (NCDC) â€œ CHILD DEVEL	NATIONAL CHILD DEVELOPMENT RESEARCH CENTRE (N	PROF. DR SOPIA MD YASSIN	GOLD
B044	PHYSICAL MULTIMEDIA LEARNING SYSTEM IN COOKING F	PUSAT TEKNOLOGI PENGAJARAN DAN MULTIMEDIA, U	CHAU KIEN TSONG	GOLD
B071	MYHSTB MANUAL FOR HEALTH SYSTEM APPRAISAL OF TU	UNIVERSITI TEKNOLOGI MARA	NURHUDA ISMAIL	GOLD
B100	DECISION AID FOR LEAN TOOLS AND TECHNIQUES SELECT	UNIVERSITI TUN HUSSEIN ONN MALAYSIA	MOHD SHAHIR YAHYA	GOLD
B020	ICE SKATING TRAINING KIT	INSTITUT KEMAHIRAN MARA SIK	SYAHRIZAT BIN AZIZAN	GOLD
B018	SMART WATCH AL â€œQURAN READING FOR SOLAH (SWA	INSTITUT KEMAHIRAN MARA SIK	SYAHRIZAT AZIZAN	GOLD
B057	NEW ACTION FRAMEWORK FOR VEHICULAR EMISSION PF	UNIVERSITI MALAYSIA KELANTAN	WAN MOHD SAFWAN WAN DAUD	GOLD
B030	INNOKIOSK4	KOLEJ KEMAHIRAN TINGGI MARA REMBAU	ROHAYU BINTI DAUD	GOLD
B043	FABRICATION OF DIY PRESSURE CASTING MACHINE FOR	PUSAT LATIHAN TEKNOLOGI TINGGI ADTEC TAIPING	MUSTAFFA ALI AZHAR BIN TAIB	GOLD
B089	TOWARDS DEVELOPING WAQF PROPERTY INNOVATIVE U	UNIVERSITI TEKNOLOGI MARA CAWANGAN PERLIS	HASYEILLA BINTI ABD MUTALIB	GOLD
B053	IMPROVEMENT IN ENGINE CHARACTERISTICS USING ALCO	UITM PERMATANG PAUH, PULAU PINANG	HAZIM BIN SHARUDIN	SILVER
B012	BREAK & PROTECT 2 (A DEVICE FOR TRAPPING MARINE L	FISHERIES RESEARCH INSTITUTE(FRI), DEPARTMENT OF	KUA BENG CHU	SILVER
B024	MIMI LIAU SCALE KIT	INSTITUTE OF TEACHER EDUCATION, TECHNICAL EDUC	DR. LIAU SWEE FOONG	SILVER
B033	AuraChemboard Kit	KOLEJ MATRIKULASI KEDAH	CHOO SZE YEE	SILVER
B028	ECO PERFORMANCE ENHANCER	KOLEJ KEMAHIRAN TINGGI MARA REMBAU	NOR ANISWATI BINTI AWANG LAH	SILVER
B036	NATIONAL CHILD DATA CENTRE (NCDC) MOBILE APPS	NATIONAL CHILD DEVELOPMENT RESEARCH CENTRE (N	DR SUZANI MOHAMAD SAMURI	SILVER
B037	ASSETS INFORMATION SYSTEM (AIS)	POLITEKNIK KOTA BHARU	MEJAR BERSEKUTU (PA) MAZEREE BIN MOHD NAWI	SILVER
B091	MODIFIED BITUMINOUS MIXTURE FOR ROAD PAVEMENT	UNIVERSITI TEKNOLOGI MARA CAWANGAN PULAU PIN	NOR IZZAH BINTI ZAINUDDIN	SILVER
B106	MALAY CULTURE CONSERVATION OF PENCAK SILAT BASIC	UNIVERSITAS ISLAM RIAU	AUSE LABELLAPANSA	SILVER
B054	A NEW DOUBLE NEGATIVE METAMATERIAL DESIGN FOR	UNIVERSITI KEBANGSAAN MALAYSIA	DR. MOHAMMAD RASHED IQBAL FARUQUE	SILVER
B056	GP RICE	UNIVERSITI MALAYSIA KELANTAN	SHAMSUL MUHAMAD	SILVER
B101	Vehicle Intelligent Parking System (VIPs)	UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM)	EZRI MOHD	SILVER
B095	E-NAII RED: ANTIBACTERIAL AND ANTIFUNGAL HENNA	UNIVERSITI TEKNOLOGI MARA PERLIS	ZAINAB BINTI RAZALI	SILVER
B105	THE POTENTIAL OF MOMORDICA CHARANTIA (PERIA) PO	UNIVERSITI TEKNOLOGI MARA PERLIS	RIZANA BINTI YUSOF	SILVER
B084	GREEN CONCRETE CONTAINING RICE HUSK ASH AND SEW	UNIVERSITI TEKNOLOGI MARA (UITM) PULAU PINANG	NURAINI BINTI TUTUR	SILVER
B032	SMART DIGITAL BRIEFCASE	KOLEJ MATRIKULASI KEDAH	KHERUL JEFRI BIN JAMEN	SILVER
B059	HIGH PERFORMANCE SPORE INDUCTION LIQUID SPAWN	UNIVERSITI MALAYSIA PERLIS	PM DR. ZARINA ZAKARIA	SILVER
B063	SOLAR CHARGING HUB	UNIVERSITI TEKNOLOGI MARA CAWANGAN PERAK	SITI ZUBAIDAH BINTI HASHIM	SILVER
B079	RESEARCH DATABASE TOOLS FOR ACADEMIC SCHOLARS	UNIVERSITI TEKNOLOGI MARA (PERLIS)	AZRUL ABDULLAH	SILVER
B104	OTEL2GO	VICTORIA UNIVERSITY MELBOURNE	FAIZA AYOB	SILVER
B087	HIGH STRENGTH OF UNSATURATED POLYESTER FILLED GL	UNIVERSITI TEKNOLOGI MARA ARAU, PERLIS	ZULIAHANI AHMAD	SILVER
B099	FABRICATION OF NH2-MIL-53(AL)/CELLULOSE ACETATE (C	UNIVERSITI TEKNOLOGI PETRONAS, MALAYSIA,	DR. YEONG YIN FONG	SILVER
B065	DEVELOPMENT OF AN INTEGRATIVE GOVERNANCE FRAM	UNIVERSITI TEKNOLOGI MALAYSIA	Dr. ABDULLAH HISAM BIN OMAR	SILVER
B075	LAV MIST	UNIVERSITI TEKNOLOGI MARA	DYIA SYALEYANA MD SHUKRI	SILVER
B025	C JAWI	IPG KAMPUS SULTAN ABDUL HALIM	SHABIBAH BINTI SHAUFIT AFFANDI	SILVER
B051	3D INTERACTIVE CAMPUS PERLIS	UITM PERLIS	SHARIFAH NORASHIKIN BT BOHARI	SILVER
B029	INNOHOME	KOLEJ KEMAHIRAN TINGGI MARA REMBAU	ROHAYU BINTI DAUD	BRONZE

B080	SpeedAr: ARITHMETIC DRILLS VIA RACING GAME	UNIVERSITI TEKNOLOGI MARA (UITM)	NURUL HIDAYAH MAT ZAIN (DR.)	BRONZE
B093	THE PROSPECT OF RAP AND SHELL WASTE AS SUBBASE M	UNIVERSITI TEKNOLOGI MARA CAWANGAN PULAU PINANG	JULIANA BINTI IDRUS	BRONZE
B042	POWER SUPPLY TRAINING KIT	PUSAT LATIHAN TEKNOLOGI TINGGI (ADTEC) TAIPING,	NOR ILLIANI BINTI RAMZI	BRONZE
B068	MELIPHOENIX: STINGLESS BEE HONEY AND DATE SEEDS H	UNIVERSITI TEKNOLOGI MARA	NUR SYAFIQAH BINTI RAHIM	BRONZE
B070	RASCA CALCULATOR FOR THE CONSTRUCTION OF RAIL IN	UNIVERSITI TEKNOLOGI MARA	IZATUL FARRITA BT MOHD KAMAR	BRONZE
B023	IMPLEMENTATION OF MONITORING STUDENTS&™ ACA	INSTITUT PENDIDIKAN GURU KAMPUS PENDIDIKAN TE	MANISAH BINTI MOHD SHAH	BRONZE
B081	OH! MY HAND: GAME-BASED CLINICAL ASSESSMENT TO ASSES MOTOR-IMPAIRED USERS (WRIST/HAND)	UNIVERSITI TEKNOLOGI MARA (UITM)	NURUL HIDAYAH MAT ZAIN (DR.)	BRONZE
B027	MICROC CAPACITOR	KEDAH MATRICULATION COLLEGE	ASLINDAWATI BINTI ABDULLAH	BRONZE
B086	NATURAL COCONUT COIR FIBER AND EGG CARTONS AS A	UNIVERSITI TEKNOLOGI MARA , CAWANGAN PULAU PI	NUR SHAFIEZA BINTI AZIZAN	BRONZE
B041	SMART AUTOMATION TRAINER SYSTEM	PUSAT LATIHAN TEKNOLOGI TINGGI (ADTEC) TAIPING P	MOHAMAD AZWAN BIN MOHD YUNUS	BRONZE
B067	POPEEL LOOSE FACE POWDER	UNIVERSITI TEKNOLOGI MARA	NUR SYAFIQAH BINTI RAHIM	BRONZE
B069	AUTOMATED MALAISE TRAP MONITORING SYSTEM	UNIVERSITI TEKNOLOGI MARA	IMAN HAZWAM BIN ABD HALIM	BRONZE
B090	OUTCOME BASED EDUCATION (OBE) MEASUREMENT ANI	UNIVERSITI TEKNOLOGI MARA CAWANGAN PULAU PIN	MOHD AFFANDI BIN SHAFIE	BRONZE
B073	MYDISSERTPLANNER	UNIVERSITI TEKNOLOGI MARA	DR HARYATI MOHD ISA	BRONZE
B076	A METHODOLOGICAL GUIDE IN SETTING UP AN AIRPORT	UNIVERSITI TEKNOLOGI MARA	SITI ZALEHA SAHAK	BRONZE
B016	MULTIPLE EMBEDDED OF WARNING SYSTEM (MEOWS)	IKTBN BUKIT MERTAJAM	HAFIZAH BINTI TALIB	BRONZE
B045	DEADLINE: THE HORROR CASE OF DESIGN STUDENTS BOA	SAITO UNIVERSITY COLLEGE	SHAH AL ZEFFLEE BIN ROSLI	BRONZE
B017	FULLY AUTOMATED SECURE EXAM PAPER MANAGEMENT	INFRASTRUCUTRE UNIVERSITY KUALA LUMPUR	DR. ABUDHAHIR BUHARI	BRONZE
B048	PREDICTION OF SITOPHILUS ORYZAE GENDER USING LOG	UITM CAWANGAN PERLIS	TUN MOHD FIRDAUS BIN AZIS	BRONZE
B078	MODELLING OF NORTHERN GEIOD MODEL 2017 (NGM17)	UNIVERSITI TEKNOLOGI MARA (PERLIS)	MOHD ADHAR ABD SAMAD	BRONZE
B061	SEJAHTERA LESTARI : MOBILE HEALTH APP FOR VISUAL IM	UNIVERSITI SAINS MALAYSIA	DR. MARIAM MOHAMAD	BRONZE
B011	Innovative model for new B2F e-commerce using 3rd Part	BROKAA TECH (M) SDN BHD	WAN MOHD SAFWAN WAN DAUD	BRONZE
B021	21ST CENTURY VIRTUAL LEARNING MODEL	INSTITUT PENDIDIKAN GURU KAMPUS PENDIDIKAN TE	DR. MOHD PARIS BIN SALLEH	BRONZE
B102	LESWING FOR BEGINNERS	UNIVERSITI UTARA MALAYSIA	MOHAMMAD SHAH BIN KAMARULZAMAN	BRONZE
B038	USAHAWANRIA	POLITEKNIK MELAKA	Â HASYIREEN BINTI ABDUL HALIM	BRONZE
B082	Malaysiapedia	UNIVERSITI TEKNOLOGI MARA (UITM)	IRWANA NOORIDAYU MUHAMAD	BRONZE
B077	INTERACTIVE FARAID INFORMATION SYSTEMS	UNIVERSITI TEKNOLOGI MARA (PERLIS)	MRS. SITI FATIMAH BINTI ABDUL RAHMAN	BRONZE
B019	REFRIGERATION CYCLE TRAINING KIT	INSTITUT KEMAHIRAN MARA SIK	SYAHRIZAT AZIZAN	BRONZE
B052	DEVELOPMENT OF GPS TRACKED DRIFTING BUOY FOR OC	UITM PERLIS	MUHAMMAD FAIZ BIN PA'SUYA	BRONZE
B098	CLIMBING PERCH FISH SCALE GELATIN FILMS INCORPORA	UNIVERSITI TEKNOLOGI MARA,PERLIS BRANCH	SALAMIAH ZAKARIA	BRONZE
B060	INDUSTRIALISED BUILDING SYSTEM (IBS) ORGANIC BAMBE	UNIVERSITI MALAYSIA PERLIS (UNIMAP)	DR UMAR BIN HJ,KASSIM	BRONZE
B072	REAL-TIME FLOOD MONITORING SYSTEM USING WSN AN	UNIVERSITI TEKNOLOGI MARA	KAMARUDDIN MAMAT	BRONZE
B039	ODORATA BODY SCRUB	POLITEKNIK TUANKU SULTANAH BAHYIAH	UMMI KALSOM BINTI AB HAMID	BRONZE
B026	My ElectroLearn	KEDAH MATRICULATION COLLEGE	FAIZAH BT ABU BAKAR	BRONZE
B031	FRONT OFFICE SIMULATION TASKS (FOSTS)	KOLEJ KOMUNITI SUNGAI PETANI	QUAH WEI BOON	BRONZE
B083	GRAPHICAL USER INTERFACE (GUI) FOR ELECTRICAL MAC	UNIVERSITI TEKNOLOGI MARA (UITM) JOHOR, KAMPUS	ATIQAQ HAMIZAH BINTI MOHD NORDIN	BRONZE
B040	WO-OF BAG	POLITEKNIK UNGKU OMAR	DR. ANNAFATMAWATY BT ISMAIL	BRONZE
B022	KNOW YOUR EMOTIONS WITH	INSTITUT PENDIDIKAN GURU KAMPUS DARULAMAN	SUZANA BINTI SANUSI	BRONZE
B074	EFFECTS OF TORREFACTION ON THE BIO-COAL PROPERTIE	UNIVERSITI TEKNOLOGI MARA	FARHANA BINTI OTHMAN	BRONZE
B097	3D VISUAL MODEL FOR BULDING QUANTITIES TAKE-OFF (	UNIVERSITI TEKNOLOGI MARA, CAWANGAN PERAK	SITI AKHTAR BINTI MAHAYUDDIN	BRONZE
B103	3D ANIMATION WORKSHOP: THE IMPLEMENTATION OF 3	UNIVERSITY TEKNOLOGI MARA (UITM)	AIMI NABILA BINTI ANIZAIM	BRONZE
B049	BASIC TAX STARTER (BTS) MOBILE APPLICATION	UITM CAWANGAN PERLIS	NOOR HAFIZHA MUHAMAD YUSUF	BRONZE

#### DIAMOND AWARD

TITLE : LOW PERMEABILITY AND HIGH STRENGTH OF N-BPW LINER AS ALTERNATIVE LANDFILL LINER MATERIAL  
INST: UNIVERSITI TEKNOLOGI MARA CAWANGAN PULAU PINANG  
LEADER: NUR AZWA BINTI MUHAMAD BASHAR