

## S&T (PROFESIONAL) GOLD

SAG-Mine CO <sub>2</sub> Adsorber <i>(*Merit of Distinction &amp; Best of the Best)</i>
Converting Waste to Bio-Pepper-Enhancer <i>(* Anugerah Khas Kerajaan Negeri Johor)</i>
ZERO-ONE GOAL (ZOGP) PROGRAMMING METHOD FOR SUPPLIER SELECTION
A Novel Z-Blade Turbine For Low Head Low Flow Pico Hydro System
PESTICIDE WHEEL PUMP (PWP) SPRAYER
RAMPS Autonomous Racer: Modular Robotic Learning Kit for Schools
PROPATCHmax: PATCHING MATERIAL FOR SOLID STRUCTURE
eKubSis
Switchable Bright-Dark Erbium–Zirconia-Doped Fiber Laser
MUSLIM SCIENTIST BOOK

## SILVER

JERING POD HEALTHY COOKIES
THE INTELLIGENT HYDRO-DIFFUSION SYSTEM
Wind Turbine Power Catchment Development At UniCITI by Using Savonius Model
Automation Green House using Arduino UNO
Emergence of Big Data in Athlete Management
AUTOMATIC BRAIN TUMOR DETECTION SYSTEM USING HYBRID GRAPHENE-COPPER ANTENNA
Characterization of Aluminium Zinc Oxide (AZO) Thin Films on Flexible Substrate at Low Deposition Temperature for UV Sensor Application
ELECTRONIC DOCUMENT MANAGEMENT SYSTEM for COURSE FILE
e-organameic (Organic-name-it)
A Plastic Surgery Education: Malaysian Emergency Burn Management (MEBM) Course
Pioggia Di Cioccolato ( PdC)
Non-Contact Detection of Abnormalities in Body Organs based on Thermal Cameras

## S&T (PROFESIONAL) BRONZE

AI-REEF COAST PROTECT
Doktor Gigi: A Mobile Role-Playing Game-Based Learning As Dentist for Pre-School Children
MODAL ANALYSIS FOR LAMINATED RUBBER BEARING - A NEW METHOD TO DETERMINE RAYLEIGH DAMPING
PLASTIC RECYCLE DEVICE
HoH16StepsGL
NANO GRAIN SIZE CEMENTED CARBIDE (WC-Co-TaC) VIA MIM TOWARDS MANUFACTURING APPLICATIONS
SINGLE PHASE ELECTRICAL WIRING TRAINER
eMaklum : Collecting Data for Organization Performance
Intelligence Baggage Trolley (IBT)
THE NOVELTY OF ROAD POTHOLE INSPECTION USING MICRO DRONE
Design of an Intelligent Fuzzy Logic Controller for the Paint Systems in Marine Industry
UiTM Hawk Eye's – The Remotely Piloted Vehicle Aircraft
Boundary Layer Flow of Dusty Jeffrey Fluid Model: Application in Teaching Tool
Paperless Receipt Approach
TAKE 10 KICK 1
MUSHROOM HOUSE WITH TEMPERATURE MONITOR AND FAN CONTROLLER
A Study on The Effect of Electric Field in Power Transformer Under Different Gap Distance

## SS (PROFESIONAL) GOLD

Perfect 10 - Travel Kit Essential <i>(*Best of the Best)</i>
FAN-Q BOARD GAME
SHARIAH MARGIN ESTIMATOR FOR SMALL MEDIUM ENTERPRISE (SME for SME)
Green e-scooter : A combined hybrid solar-home supply-dynamo charging system
A MODEL FOR HYBRID TEXTBOOKS OF THE FUTURE
Rupa Isyarat Apps: A Mobile Learning Application for Deaf and Hard of Hearing College Students to Promote Accessibility and Inclusion in Higher Education
ACCOUNTING BRAIN-TWISTER
Propelling English in Rural Schools
Future Ablution Tub Design Concept

## SILVER

Kad Imbas Tulisan Khat (KITKhat)
ECSTI ASSESSMENT AND LEARNING KIT FOR CHILD DEVELOPMENT
Illegitimate Children Nasb Attribution Polemic in the light of Maqasid al-Syariah: An Insight
COMPREHENSIVE AUDIT FEE ESTIMATOR (CAFE)
AYUH CERIA! SELESAI MASALAH
Online Assessment Grading System (OAGs) Version 1.1
CVege20
CT Crackers
ADDITION THE SMART WAY 2.0
Modelling factors contributing to barriers of effective online learning
Online-based Operations Management Performance (e-OMP)

# SS (PROFESIONAL) BRONZE

<b>IMEJ MAYA SEBAGAI MEDIUM PDP BAHASA MELAYU TVET</b>
<b>SMILE AND SAVE</b>
<b>ELC 121 e-PLANNER</b>
<b>Hello 2020</b>
<b>BizMC- BIZMATH CHALLENGE 2.0</b>
<b>e-Student's Activities Allowance</b>
<b>"Stay at Home": Does Not Mean You Are Safe At Home</b>
<b>MyHACCP</b>
<b>Initiatives – Systematic Student Performance Evaluator Version 2 (I-SSPEv.2)</b>
<b>SMART Criboo</b>
<b>The Assertiveness Module (T.A.M)</b>
<b>Muka Taip Usang</b>
<b>A Dual Language Mobile Talking Application System to facilitate the Autism Children Interaction (AutiSpeak)</b>
<b>Child Distress Alert Indicator</b>

## S&T (TERTIARY) GOLD

<b>BHAGENTA bonegraft as Bone Filler and Anti Infection in a Bone Gap (*Best of the Best)</b>
<b>A Novel Linear Regression for Agarwood Oil Quality Grading Determination Learn With IMAN (Intelligent Mobile Application)</b>
<b>OPSLC Precast</b>
<b>1 Metre Social Distancer (1MeSD)</b>
<b>School Complaint System for Sekolah Kebangsaan St. Francis Xavier</b>
<b>Hydro Melon</b>
<b>HUSKY HYDROGEL , A SUPERADSORBENT</b>

## SILVER

<b>Rubber strain gauge rduino data logger platform with ambient detection</b>
<b>SEMI-AUTOMATIC TART PRESSURE MACHINE</b>
<b>HydroMaid</b>
<b>'Cessna 172N Aircraft Maintenance Trainer'</b>
<b>FLEXURAL BEHAVIOUR OF GREEN ECC COMPOSITE BEAM CONTAINING GGBS</b>
<b>PADI2U Mobile Application for Paddy Management in Kelantan</b>
<b>Learn n Fun with Electrical Engineering Learning Kit</b>
<b>Low-cost Arduino-based Automatic and Portable Sheet Cutter</b>
<b>iTrash Plastic Compacter</b>

## S&T (TERTIARY) BRONZE

<b>Design of Water Collection from Rainwater Harvesting In Urban Residential Area</b>
<b>Novel InfaWrap Device for Neonates</b>
<b>Lux Meter Integrated with the Internet of Things (IoT) and Data Storage (LMX20)</b>
<b>Groceries Monitoring Application using Load Cell Sensor</b>
<b>Leave Application System with Email Notification for Farmasi Sri Jempol</b>
<b>Piper Nigrum Extract: The New Alternative Green Corrosion Inhibitor of Ductile Iron</b>
<b>IoT Based Automation Security Alarm System</b>
<b>FESTIGO APPS</b>
<b>AIRCRAFT MAINTENANCE MANUAL SMART READER</b>
<b>Inter Vehicle Communication using Li-Fi Technology</b>
<b>CONTRA-ROTATING AND VARIABLE PITCH PROPELLER AIRCRAFT MAINTENANCE TRAINER</b>
<b>AIRCRAFT LAVATORY SEAT LIFTER</b>
<b>Detection and Diagnosis Systems of 2019 Novel Coronavirus Disease (Covid-19) Suspects Based on Contactless Array Thermal Sensors</b>

## SS (TERTIARY) GOLD

**Scripty: A Professional Media Platform for Writing Scripts  
(\*Best of the Best)**

**Collaborative Learning for AI Quran Comprehension and Translation using  
a Multiplayer Game**

**Are You Engaged? TEC-IND-CON as predictors of Digital Library  
Engagement**

## SILVER

**HI-JOB: A Job Search Apps for Persons with Disabilities**

**MARKETING FUN GAME**

**Wasiyyah On The Click (W-OTC)**

**GaMELLED Keromong: Sustainability of the Malay Gamelan music as the  
nation's arts and cultural heritage**

## BRONZE

**Easy Cash Access (ECA) by E-Wallet**

**ReadySetGo (RSG) Multipurpose Backpack**

**THE DESIGN SPACE OF VIRTUAL REALITY ENVIRONMENTAL APPLICATIONS  
FOR HISTORICAL CONTEXT LEARNING AMONG PRIMARY SCHOOL  
STUDENTS: A VISUAL APPROACH – VISTORY**

**Scientific Eco-Agro tourism Model**

**HI-TECH LAWN & PLANTS PROTECTION SCHEME (LPSS)**

## SCHOOL (SECONDARY) GOLD

<b>WATER DOOPY SYSTEM (*Best of the best)</b>
<b>EgNa 2.0 : Natural Fertilizer</b>
<b>BANANA STRAW (NASTRAW)</b>
<b>SCIENCE AR P3 LEARNING APPLICATION</b>

## SILVER

<b>Rain Detector</b>
<b>GREENTECH BIOCOMPOSITE PLASTIC FROM BANANA PEDUNCLE, Benincasa hispida (WAX GOURD) AND Cucurbita spp. (PUMPKIN)</b>
<b>BUZZ THUMB DRIVE</b>
<b>VERYZER</b>
<b>Smart Dustbin</b>

## BRONZE

<b>EZ HELP (Easy &amp; Harmless Eco-friendly Laundry Pods)</b>
<b>D-Box (Delivery Box)</b>
<b>COMMUNITY SURVEILLANCE SECURITY (CSS)</b>
<b>Giant Freshwater Prawn Feeder</b>
<b>CHILD TRACKING SYSTEM</b>
<b>WIPER UP</b>
<b>OXYNATOR-Fresh Fishy Fish</b>



## SCHOOL (PRIMARY) GOLD

**STUDENT'S IMPROVEMENT IN PERFORMANCE, CONCEPTION, AND INTEREST  
ON COMPOUND NOUNS LEARNING VIA INOMAJ (\*Best of the best)**

**The Funtastic Shakenergy**

**IDAMAN TEA : MINT GUAVA LEAF TEA IN PINEAPPLE FIBRE SACHET**

**PemBinA**

**IOT EZ BIN**

**ezi-scrabble**

**Anti-Drowsy Herbal Remedy**

## SILVER

**AUTONOMOUS RENEWABLE ENERGY TRANSPORT OVERSEER (ARETO)**

**BASUHAN BERPEMIJAK (BAJAK)**

**COOLEST HOME**

**SMART RIDER**

**FRESH FEET**

**4N- FREE HAIR SOLUTIONS PRODUCTS (4N- FREE hair oil, 4N- FREE hair mask,  
4N- FREE hair serum and FREE hair soap)**

**4 in 1 SMART HANDWASH**

**PERISIAN I-MATHZ**

## BRONZE

**KAD KALKULATOR**

**Mobile Magnetic Chess Board**

**HI-TECH DUSTBIN**

**Disaster Management: Flash Flood Alarm**

**GREEN FERRIS WHEEL**

**TEMPERA**

**SMART WARD (IOT)**

**CRUNCHY CENTELLA ASIATICA "MCCC"**

**BIO HERBAL CANDLE "BETTER CANDLE REQUIRES BETTER MATERIALS**

**Egg RATE**