



**Asian Youth Innovation
Awards 2021**
YOUTH - GOLD

ORGANIZATION	TITLE OF INNOVATION
AL-MOSTAFA HIGH SCHOOL	STREET SERVER
CENTRE OF EXCELLENCE GEOPOLYMER & GREEN TECHNOLOGY (CEGEOGTECH)	BIO-INSPIRED DESIGN OF SMART SOLDERING SUBSTRATE
DIRGANTARA ROBOTIC AND RESEARCH CENTER	SI CANTIK (CARGO PLANE FOR HUMANITY MEDICINE KIT): SANG PENGIRIM OBAT-OBATAN DI DAERAH TERDAMPAK BENCANA ALAM
GANESHA UNIVERSITY OF EDUCATION	CELLBRATOR: MEMBRANE SEPARATOR ON LITHIUM-ION BATTERIES FROM SOLID WASTE ALGAE EUCHEUMA COTTONII
IPB UNIVERSITY	IQROPOLLY: PSYCOMOTOR-BASED LEARNING TRANSFORMATION MEDIA AS A SOLUTION FOR IMPROVING ISLAMIC CHARACTER EDUCATION IN CHILDREN
JENDERAL SOEDIRMAN UNIVERSITY	PAMER : POP-UP BOOK AUGMENTED REALITY
MALAYSIAN JAPAN INDUSTRIAL INSTITUTE (MJII)	PALM OIL SEED RAKER COLLECTION MACHINE
MALAYSIAN JAPAN INDUSTRIAL INSTITUTE (MJII)	SHUTTLECOCK COLLECTOR MACHINE
KOLEJ MARA SEREMBAN	LEARNING COMPANION (LECO)
PUSAT ASASI STEM	MULTIFUNZIONE DESK
MARA JUNIOR SCIENCE COLLEGE (MRSM) TERENDAK	LADSA
NATIONAL CENTER "JUNIOR ACADEMY OF SCIENCES OF UKRAINE" UNDER THE AUSPICES OF UNESCO	EDUCATIONAL APPLICATION FOR FINDING POLYNOMIAL ROOTS IN THE COMPLEX PLANE
NATIONAL CENTER "JUNIOR ACADEMY OF SCIENCES OF UKRAINE" UNDER THE AUSPICES OF UNESCO	EFFICIENT METHOD OF INDUSTRIAL EMISSIONS DISSIPATION



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NATIONAL CENTER "JUNIOR ACADEMY OF SCIENCES OF UKRAINE" UNDER THE AUSPICES OF UNESCO	SPORTS TIMING SYSTEM "SKIT"
NATIONAL CENTER "JUNIOR ACADEMY OF SCIENCES OF UKRAINE" UNDER THE AUSPICES OF UNESCO	STEGANOLING – THE SOFTWARE FOR ENCODING AND DECODING HIDDEN TEXT MESSAGES USING LINGUISTIC STEGANOGRAPHY
PHILIPPINE SCIENCE HIGH SCHOOL- CENTRAL VISAYAS CAMPUS	GINHAWA: ARDUINO BASED ACETONE CONCENTRATION SENSING FOR DETECTION OF POSSIBLE DIABETIC CONDITION
PHILIPPINE SCIENCE HIGH SCHOOL- CENTRAL VISAYAS CAMPUS	CROPATROL: AGRICULTURAL CROP PEST AND DISEASE PRE-DETECTION PATROL SYSTEM
PHILIPPINE SCIENCE HIGH SCHOOL- CENTRAL VISAYAS CAMPUS	VITAL AID: VITAL SIGNS MONITORING ARDUINO-BASED INFRARED DEVICE
PHILIPPINE SCIENCE HIGH SCHOOL- CENTRAL VISAYAS CAMPUS	ASO: AUTOMATIC SMOKE OBSERVER
POLITEKNIK KOTA KINABALU	ANTI-SMELL AND COMPOST POWDER (ASC)
POLITEKNIK NILAI	T-MO VERMICOMPOST: ORGANIC FERTILIZER WITH POLYSTYRENE & PLANT WASTE DIET EFFECT ON PLANT GROWTH
POLITEKNIK NILAI	SPLITOKARA BURGER PATTY
POLITEKNIK NILAI	SATAY SKEWER MACHINE
POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH	360 VIDEO APPLICATION FOR BIOMEDICAL INSTRUMENTATION COURSE: BIOMEDICAL INSTRUMENT INVICTA VISION
POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH	LIFT SEAT
PUSAT ASASI STEM	SOLAR CELL USING WASTE FRUITS



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SEKOLAH MENENGAH KEBANGSAAN SULTAN ISMAIL	CULTIVATING ENTREPRENEURIAL MINDS AMONG LOWER FORM SECONDARY STUDENTS
STATE POLYTECHNIC OF JEMBER	PIA KANSA APPEARANCE: A NUTRITION FOOD TOWARD STUNTING PREVALENCE
STEM UNISEL	STEM MICROWORLD KIT
STEM UNISEL	STEM PLANT BIOTECHNOLOGY KIT
SULTAN IDRIS EDUCATION UNIVERSITY	ON-POINT
UCSI UNIVERSITY	CUBERCLEAR: A NEW NATURAL BIOACTIVE LOADED MICROSPHERE EYE CREAM FOR DARK CIRCLES
UCSI UNIVERSITY	FABRICATION OF COCOA BUTTER BASE AMLODIPINE BESYLATE FAST MELT TABLETS
UNIVERSITAS NEGERI MALANG	MEDIA DEVELOPMENT OF TRIDI BOARD GAME BASED ON ANDROID APPLICATIONS TO PREVENT MIDDLE SCHOOL STUDENT BULLYING WITH LOCAL WISDOM VALUES
UNIVERSITI MALAYSIA PERLIS	INTEGRATED AES AND BLOCKCHAIN IN IOT-BASED WATER QUALITY MONITORING SYSTEM: MYAQUAD
UNIVERSITI MALAYSIA PERLIS	ENHANCEMENT ON FACE RECOGNITION SYSTEM WITH LIVENESS DETECTION TECHNIQUES AND ILLUMINATION NORMALIZATION
UNIVERSITI MALAYSIA TERENGGANU	IR 4.0 INTEGRATED SMART OFFICE MANAGEMENT SYSTEM
UNIVERSITI PENDIDIKAN SULTAN IDRIS	SMART PORTABLE PERMA (SPP)
UNIVERSITI PENDIDIKAN SULTAN IDRIS	MITOSIS FLIPPED MANUAL



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UNIVERSITI PENDIDIKAN SULTAN IDRIS	KIT LETTI
UNIVERSITI PENDIDIKAN SULTAN IDRIS	ROLLINGES
UNIVERSITI PENDIDIKAN SULTAN IDRIS	INNOVATIVE BRAGG'S BOX: FROM ANGSTROM TO METER
UNIVERSITI PENDIDIKAN SULTAN IDRIS	SMART PADDY DRAINAGE SYSTEM
UNIVERSITI PENDIDIKAN SULTAN IDRIS (UPSI)	HYDRAULIC CUTTER (TEACHING AID)
UNIVERSITI SULTAN ZAINAL ABIDIN	ELECTRICO
UNIVERSITI TEKNOLOGI MARA, CAWANGAN PULAU PINANG KAMPUS PERMATANG PAUH	CARROT SUSU
UNIVERSITI TEKNOLOGI MARA, CAWANGAN PULAU PINANG KAMPUS PERMATANG PAUH	PRODUCTION OF STRAWS FROM CITROFORTUNELLA MICROCARPA (LIMAU KASTURI)
FAKULTI BAHASA DAN KOMUNIKASI, UNIVERSITI PENDIDIKAN SULTAN IDRIS	TMFACELIVE : BRIDGING STUDENTS AND COMMUNITY INNOVATIVELY THROUGH THE VOICE OF MILLENIALS
UNIVERSITY MALAYSIA PERLIS	FLEXIBLE GREEN CONCRETE