

HEADLINES:

Young Inventors Journal (YIJ) Paper Writing Competition

Under Young Inventors Journal, ASTI is launching its second paper writing competition titled "How To Rebuild A Better World Post Covid-19: Education". The competition is opened to participants aged 18-40 years old.



"How To Rebuild A Better World Post Covid-19"

The world is in crisis.

SERIES A: EDUCATION

The English word "crisis" means "time when a difficult or important decision must be made". It's derived from the Greek words "krinein" that means decide, and "krisis" that means decision. In the Latin Hippocratic-Galenic medical literature, "crisis" signified "the turning point of a disease that has gone from bad to worse".

Now, is our "turning point". As a member of the human race, society; and as individuals - it is up to us to make our lives better or worse.

What is this competition about?

- Relook at the world's developmental model and change it for a better future for us all.
- You can choose a sub-topic that is of your main concern under this title, but it has to be education-related.
- Look at specific problems that you think should be addressed in education; and propose what you think is a viable solution to resolve this problem in an equitable manner.
- You should focus on one issue and one solution only.

What is needed?

- The solution can be a product, or even a methodology or process, or a government policy.
- The solution can be useful for an individual, the government, Non-governmental organisations, etc.
- The paper has to be concise and well-researched with evidence for the problem, with explanations of the solution suggested or proposed.
- This explanation needs to be supported by a base study (where applicable).

Criteria:

- Open for participants aged 18 - 40 years old
- This is an open contest with only one category
- Each entry (either individual or a team of no more than 5 persons) may submit their applications
- Number of words: 1000 to 3000 words only
- Language: English
- online training will be provided

Prizes:

- 1 Platinum Award: RM2,000
- 2 Gold Awards: RM1,500 per winner
- 3 Silver Awards: RM1,000 per winner
- 4 Bronze Awards: RM500 per winner

Important Date:
Registration Deadline with Paper Proposal: **2nd February 2021**



For more details, kindly contact us at **03-7877 8571 / 7865 5557** or drop us an email at yijasti@gmail.com
Kindly visit the below link to download the registration form:
http://asti.org.my/postcovid_education

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Kindly visit the link below to download the registration form:

http://asti.org.my/postcovid_education



Young Inventors Challenge (YIC) 2020 Winners Announcement

Young Inventors Challenge (YIC) 2020 winners were announced on 5 December 2020 via Facebook Live.

Placing	Team
PLATINUM	SABS ROBOTS SEKOLAH MENENGAH KEBANGSAAN SULTAN ABU BAKAR PAHANG / MALAYSIA TITLE OF INVENTION GRÉAC – GREEN ENERGY AIR CONDITIONER

Placing	Team
GOLD	Y-KNOT TECHIES SEKOLAH MENENGAH KEBANGSAAN DAMANSARA UTAMA SELANGOR / MALAYSIA TITLE OF INVENTION ALGAE AIRNERGY
GOLD	ENDEAVOUR SEKOLAH MENENGAH JENIS KEBANGSAAN KATHOLIK PETALING JAYA SELANGOR / MALAYSIA TITLE OF INVENTION CONTAGION BUSTER

Placing	Team
SILVER	WOOF (DOG VEST) SMA NEGERI 1 YOGYAKARTA INDONESIA /YOGYAKARTA TITLE OF INVENTION VISA-RDVS (VICTIMS SAVER RESCUE DOG VEST-SYSTEM)
SILVER	ELECTRIFYING CRESS SCHOOL OF SCIENCE AND TECHNOLOGY SINGAPORE / REPUBLIC OF SINGAPORE TITLE OF INVENTION ELECTRIC HYDROPONIC PLANTS (EHP)
SILVER	LE CINQ EXCEL PUBLIC SCHOOL KARNATAKA/INDIA TITLE OF INVENTION PICK PLASTIC
SILVER	SCIENCE DEV PHITSANULOK PITTAYAKOM THAILAND/ PHITSANULOK TITLE OF INVENTION SMART NILE TILAPIA FEEDING
SILVER	SELO GEL SMA NEGERI 1 SALATIGA INDONESIA / JAWA TENGAH TITLE OF INVENTION WATER RETENTION FROM CASSAVA PEEL WASTE



Placing	Team
SILVER	VIRTUOUS AURA EXCEL PUBLIC SCHOOL KARNATAKA/ INDIA TITLE OF INVENTION SERENE TRADE
SILVER	THE FOREST RANGERS SEKOLAH MENENGAH KEBANGSAAN DAMANSARA UTAMA SELANGOR / MALAYSIA TITLE OF INVENTION AUTOMATIC FOREST FIRE EXTINGUISHER (AFFE)

Placing	Team
BRONZE	STEADY TREADY SRI KUALA LUMPUR INTERNATIONAL SCHOOL WILAYAH PERSEKUTUAN KL / MALAYSIA TITLE OF INVENTION SOAP-MAKING KIT
BRONZE	TEAM CALCITIN PHILIPPINE SCIENCE HIGH SCHOOL-CENTRAL LUZON CAMPUS PHILIPPINES TITLE OF INVENTION PROJECT LINANGIN: DEVELOPMENT OF AN IOT- BASED SMART AEROPONICS SYSTEM FOR EFFICIENT AND SUSTAINABLE CROP FARMING
BRONZE	AZTECS SEKOLAH MENENGAH KEBANGSAAN MERBAU SARAWAK/ MALAYSIA TITLE OF INVENTION PLAZTEC
BRONZE	PRODIGIUM ILIGAN CITY EAST NATIONAL HIGH SCHOOL PHILIPPINES TITLE OF INVENTION PORTABLE WIRELESS CONTROLLED HYBRID GENERATOR WITH ENVIRONMENTAL DETECTION AND IOT SYSTEM
BRONZE	FUTURE INNOVATORS WESLEY METHODIST SCHOOL, KUALA LUMPUR (INTERNATIONAL) WILAYAH PERSEKUTUAN KL / MALAYSIA TITLE OF INVENTION WATER SAVING WASHING MACHINE



Placing	Team
BRONZE	METROXYLONTIC MRSM BETONG SARAWAK / MALAYSIA TITLE OF INVENTION SAGO RUMBIA BIOPLASTIC,
BRONZE	BEST BENEFITS PRINCESS CHULABHORN SCIENCE HIGH SCHOOL NAKHON SRI THAMMARAT THAILAND / NAKHON SRI THAMMARAT TITLE OF INVENTION ARTIFICIAL MANGROVE ROOTS LOVE THE SEA
BRONZE	PINK DOLPHIN SEKOLAH MENENGAH JENIS KEBANGSAAN AVE MARIA CONVENT PERAK / MALAYSIA TITLE OF INVENTION GREEN ATLANTIS: A FULLY SUSTAINABLE RESIDENCE ON WATER
BRONZE	TEAM SUBLIME SEKOLAH MENENGAH BERAKAS BRUNEI / BANDAR SERI BEGAWAN TITLE OF INVENTION MIDORI AQUAPONICS SYSTEM (AN ARDUINO BASED SMART MONITORING AQUAPONICS SYSTEM)
BRONZE	BIGSS SCIENTISTS BUKIT GAMBIR SEKOLAH MENENGAH KEBANGSAAN BUKIT GAMBIR JOHOR / MALAYSIA TITLE OF INVENTION KING OF CEMENT MIX WITH FIBRE DURIAN FRUIT SKIN (KOS'FD)



Memorandum of Understanding (MoU) Signing

ASTI signed Memorandum of Understanding (MoU) with Perak Business Exchange Council (PEBEC) Berhad in the initiative to start science and technology education projects and entrepreneurship training in Perak.



GENERAL NEWS

Malaysia innovation Invention Creative Association (MIICA)

- 1) SJKT Pusat Telok Datok, Banting
 - Smartest Gas Leakage Sensor (SLGS)
 - Gold Medal
 - OCIIP Special Award, Nigeria
 - IYSA Semi Grand Award
- 2) SK Taman Megah
 - Smart Plant Water Sensor
 - Bronze Medal
- 3) SJKT Jenjarom
 - CE Powder
 - Bronze Medal
- 4) SJKT Desa Cemerlang, Johor
 - PH Cotton Swabber
 - Silver Medal
- 5) Kolej Sultan Abdul Hamid
 - My Guardian
 - Silver Medal
- 6) Royal Military College
 - Smart Fertilising Ash Machine
 - Gold Medal
- 7) SJKT Tun Sambanthan, Pajam
 - Tunsia Organic Fertilizer
 - Silver Medal

Teacher's Category:

- 8) NSS SIDDHA AYURVEDIC MIX ECZEMA HERBAL SOAP (Atopic Dermatitis) Gold Medal

ITEX 2020

Congratulations to some alumni schools who won medals in ITEX 2020.

- 1) SJKT Taman Melawati: 5 gold medals, 2 silver medals and 1 bronze medal
- 2) SJKT Batu Caves: 4 gold medals
- 3) SJKT Ladang Ebor: 3 gold medals and 1 bronze medal
- 4) SJKT Taman Tun Sambanthan: 1 gold medal
- 5) SJKT Fletcher: 1 gold medal
- 6) SJKT Permatang Tinggi: 1 silver medal.