



**BAHAGIAN SUKAN, KOKURIKULUM DAN KESENIAN**

*Sports, Co-curricular and Arts Division*

**KEMENTERIAN PENDIDIKAN MALAYSIA**

*Ministry of Education Malaysia*

Aras 1, 2 & 7, Blok E13, Kompleks E  
Pusat Pentadbiran Kerajaan Persekutuan  
62604 PUTRAJAYA  
MALAYSIA

Telefon : +603 8884 1001 / +603 8884 1002  
Faks : +603 8884 1034 / +603 8888 6790  
Laman Web : [www.moe.gov.my](http://www.moe.gov.my)

Ruj. Tuan :

Ruj. Kami : KPM.600-12/1/6 Jld. **4** ( **7** )

Tarikh : **14** November 2022

Prof. Ts. Dr. Faidz Abd Rahman  
Ahli Jawatankuasa Pemandu KLESF  
Naib Presiden  
R&D dan Pengkomersilan  
Universiti Tunku Abdul Rahman  
Jalan Sungai Long  
Bandar Sungai Long  
43000 Kajang  
Selangor

Prof. Ts. Dr.,

**MAKLUM BALAS PERMOHONAN PENGANJURAN PROGRAM DAN PENGLIBATAN MURID BAGI PERTANDINGAN KUALA LUMPUR *ENGINEERING FAIR* (KLESF) *INTERNATIONAL CHALLENGE* TAHUN 2022**

Dengan segala hormatnya saya ingin merujuk kepada perkara di atas dan surat daripada pihak Prof. Ts. Dr. bertarikh 1 November 2022 adalah berkaitan.

2 Sukacita dimaklumkan bahawa Kementerian Pendidikan Malaysia (KPM) melalui Bahagian Sukan, Kokurikulum dan Kesenian (BSKK) telah menerima dan meneliti permohonan penganjuran program di atas daripada pihak Prof. Ts. Dr. Pihak KPM mengalu-alukan inisiatif agensi kerajaan dan agensi bukan kerajaan dalam membantu membangunkan aktiviti kokurikulum di negara ini.

3 Sehubungan dengan itu, pihak KPM mengambil maklum akan permohonan pihak Prof. Ts. Dr. serta **tiada halangan** bagi penganjuran ***KLESF International Challenge Tahun 2022*** pada **16 November hingga 18 Disember 2022**. Walau bagaimanapun, pihak KPM ingin menarik perhatian tuan bahawa pelaksanaan aktiviti berkenaan hendaklah memenuhi syarat serta mematuhi Surat Pekeliling Ikhtisas KPM Bil.8/2009, Bil.5/2018 dan Surat Siaran Pengurusan Kokurikulum Bil.2/2010. Perkara yang perlu dipatuhi dalam melaksanakan aktiviti adalah seperti berikut:

- 3.1 pihak penganjur hendaklah mendapatkan kebenaran secara bertulis daripada pihak Jabatan Pendidikan Negeri (JPN), Pejabat Pendidikan Daerah (PPD) serta sekolah yang berkenaan;
- 3.2 semua murid terlibat hendaklah mendapat kebenaran dan persetujuan daripada pengetua/guru besar sekolah yang terlibat bagi menyertai program ini;

...2/-

- 3.3 penyertaan murid hendaklah secara sukarela dan mendapat kebenaran daripada ibu bapa/penjaga;
- 3.4 pihak penganjur adalah bertanggungjawab untuk mendapatkan kelulusan penganjuran program daripada pihak-pihak berkaitan;
- 3.5 surat ini **tidak boleh** diguna pakai bagi maksud untuk mendapatkan sumbangan serta tajaan daripada mana-mana pihak berkenaan;
- 3.6 penyertaan murid **tidak mengganggu atau menjejaskan** waktu pengajaran dan pembelajaran (PdP)/Pengajaran dan Pembelajaran di Rumah (PdPR)/program/aktiviti sekolah;
- 3.7 pihak penganjur hendaklah memberikan maklumat program kepada pihak sekolah supaya boleh dimaklumkan kepada murid yang terlibat;
- 3.8 pihak penganjur bertanggungjawab menguruskan insuran kemalangan yang bersesuaian dengan aktiviti yang dijalankan, menjaga kesihatan, keselamatan dan kebajikan semua murid yang terlibat dengan program ini;
- 3.9 sekiranya sekolah yang dijemput mempunyai program pada hari cuti hujung minggu, pihak penganjur perlu memberikan laluan murid yang terlibat untuk mengikuti program sekolah;
- 3.10 tiada implikasi kewangan kepada Kementerian Pendidikan Malaysia (KPM), Jabatan Pendidikan Negeri (JPN), Pejabat Pendidikan Daerah (PPD), sekolah dan murid yang terlibat (merujuk SPI Bil.5/2018);
- 3.11 pihak penganjur hendaklah bertanggungjawab menanggung semua kos penganjuran program atau aktiviti yang dianjurkan termasuk pengangkutan, makan dan minum; **melainkan mendapat pertimbangan khas daripada Pendaftar**;
- 3.12 pihak penganjur perlu mengemukakan **draf poster/gegantung/hebahan digital/sijil** untuk semakan BSKK sebelum diedarkan;
- 3.13 penggunaan logo KPM tanpa kelulusan adalah tidak dibenarkan. Pihak penganjur perlu mengemukakan permohonan penggunaan logo KPM berserta dokumen lengkap kepada **Unit Komunikasi Korporat selepas mendapatkan maklum balas/surat sokongan permohonan penganjuran program ini**;
- 3.14 bagi **tujuan pengiktirafan** program, pihak penganjur perlu mengemukakan **satu salinan laporan program yang dijalankan (format seperti di Lampiran A)** kepada **Bahagian Sukan, Kokurikulum dan Kesenian, KPM tidak lebih dari 30 hari selepas tamat program**;



- 3.15 pihak penganjur dimohon memastikan agar penerapan amalan nilai murni dapat dijadikan sebagai salah satu perkara yang wajib dilaksanakan sebelum/semasa/selepas program berlangsung bagi mendokong elemen tadbir urus insan (*Human Governance*) dalam kalangan murid sekolah di bawah KPM (*seperti pemupukan integriti, bersikap jujur, amanah, sifat jati diri terpuji, beretika dan lain-lain*);
- 3.16 pihak penganjur adalah dimohon untuk mengemukakan **Surat Setuju Terima (seperti di Lampiran B)** kepada pihak BSKK dalam tempoh **14 hari** selepas menerima surat maklum balas permohonan bagi mengesahkan persetujuan untuk melaksanakan program; dan
- 3.17 KPM berhak menarik balik surat penganjuran program ini sekiranya pihak penganjur gagal mematuhi syarat dan peraturan yang ditetapkan atau bercanggah dengan dasar sedia ada yang sedang berkuat kuasa. Sebarang ketidakakuran akan memberikan kesan kepada permohonan agensi pada masa akan datang.

4. Maklum balas penganjuran program ini hanya untuk **Universiti Tunku Abdul Rahman, Kuala Lumpur** yang akan menganjurkan **KLESF *International Challenge* Tahun 2022** pada **16 November hingga 18 Disember 2022**. Sebarang kebenaran program baharu hendaklah dikemukakan kepada pihak BSKK, KPM.

5. Sebarang pertanyaan berkaitan perkara tersebut, pihak Prof. Ts. Dr. boleh menghubungi **En. Muhammad Sanjay bin Paramarie** di talian **03-88841017** atau e-mel [muhammad.sanjay@moe.gov.my](mailto:muhammad.sanjay@moe.gov.my).

Sekian, terima kasih.

**“WAWASAN KEMAKMURAN BERSAMA 2030”**

**“BERKHIDMAT UNTUK NEGARA”**

Saya yang menjalankan amanah,



**(SHAMSUDDIN BIN MUSTAPHA)**

b.p.: Pengarah

Bahagian Sukan, Kokurikulum dan Kesenian

Kementerian Pendidikan Malaysia

**LAPORAN**  
**(NAMA AKTIVITI / PROGRAM)**

- 1.0 Nama Program/Aktiviti:  
 2.0 Tarikh Pelaksanaan:  
 3.0 Mod Pelaksanaan:  
 4.0 Penyertaan (jantina/bangsa):

BIL	KOD SEKOLAH	SEKOLAH	DAERAH / NEGERI / NEGARA	JANTINA		BANGSA				JUMLAH	
				L	P	MELAYU	CINA	INDIA	LAIN-LAIN	MURID	GURU
1											
2											
3											
4											
5											
6											
7											
<b>JUMLAH</b>											

- 5.0 Jadual Pengisian / Pelaksanaan Aktiviti:  
 6.0 Peruntukan / Perbelanjaan yang Diturunkan: (\*\*\*)*Jika berkaitan*)  
 7.0 Tetamu Kehormat (VIP): (\*\*\*)*Jika berkaitan*)  
 8.0 Pemenang: (\*\*\*)*Jika berkaitan*)

Kedudukan	KATEGORI PERTANDINGAN				
	Nama murid	Id murid	Sekolah	Kod Sekolah	JPN
Pertama					
Kedua					
Ketiga					
Keempat					
Kelima					

- 9.0 Isu dan cabaran:  
 10.0 Elemen *Human Governance* yang dilaksanakan:  
 11.0 Cadangan penambahbaikan:  
 12.0 Gambar:

Disediakan Oleh:

Tarikh

Rujukan Tuan:  
Rujukan Kami:  
Tarikh:

**Pengarah**

Bahagian Sukan, Kokurikulum dan Kesenian  
Kementerian Pendidikan Malaysia  
Aras 1,2 & 7, Blok 13  
Kompleks Kerajaan Parcel E  
Pusat Pentadbiran Kerajaan Persekutuan  
**62604 PUTRAJAYA**

YBrs. Dr.,

**SURAT SETUJU TERIMA KEBENARAN PENGANJURAN PROGRAM DAN  
PENGLIBATAN MURID BAGI MENYERTAI \_\_\_\_\_  
ANJURAN \_\_\_\_\_**

Dengan hormatnya perkara di atas adalah dirujuk dan surat Bahagian Sukan, Kokurikulum dan Kesenian (BSKK) bernombor rujukan: \_\_\_\_\_ bertarikh \_\_\_\_\_ adalah berkaitan.

2. Dimaklumkan bahawa pihak \_\_\_\_\_ **mengesahkan persetujuan** untuk melaksanakan/menaja program yang dimohon berdasarkan terma dan syarat pelaksanaan/tajaan program/aktiviti kokurikulum seperti yang dinyatakan pada para 3.1 hingga 3.17 dalam surat Maklum Balas Penganjuran Program dan Penglibatan Murid dalam \_\_\_\_\_ pada \_\_\_\_\_.

3. Pihak \_\_\_\_\_ akan mengemukakan **satu salinan laporan program** yang dijalankan kepada BSCK **tidak lebih dari 30 hari selepas tamat program** bagi tujuan pengiktirafan program.

4. Sebarang pertanyaan berhubung perkara ini, pihak YBrs. Dr. boleh menghubungi \_\_\_\_\_ di talian \_\_\_\_\_ atau emel \_\_\_\_\_

Perhatian dan kerjasama YBrs. Dr. dalam perkara ini adalah amat dihargai

Sekian, terima kasih.

Saya yang benar,

.....  
**(Nama)**  
Jawatan



## Kuala Lumpur Engineering Science Fair

Universiti Tunku Abdul Rahman  
Jalan Sungai Long, Bandar Sungai Long  
Cheras, 43000 Kajang  
Selangor Darul Ehsan, Malaysia  
Tel: (603) 9086 0288 Ext: 118/119  
Url: www.klesf.net Email: info@klesf.net

Rujukan Tuan: KPM.600-12/1/6 Jld.4(7)

Rujukan Kami:

Tarikh: 16 November 2022

### Pengarah

Bahagian Sukan, Kokurikulum dan Kesenian  
Kementerian Pendidikan Malaysia  
Aras 1,2 & 7, Blok 13  
Kompleks Kerajaan Parcel E  
Pusat Pentadbiran Kerajaan Persekutuan  
**62604 PUTRAJAYA**

YBrs. Dr.,

### **SURAT SETUJU TERIMA KEBENARAN PENGANJURAN PROGRAM DAN PENGLIBATAN MURID BAGI MENYERTA PERTANDINGAN KUALA LUMPUR ENGINEERING SCIENCE FAIR KLESF INTERNATIONAL CHALLENGE TAHUN 2022**

Dengan hormatnya perkara di atas adalah dirujuk dan surat Bahagian Sukan, Kokurikulum dan Kesenian (BSKK) bernombor rujukan KPM.600-12/1/6 Jld.4(7) bertarikh 14 November 2022 adalah berkaitan.

2. Dimaklumkan bahawa pihak Kuala Lumpur Engineering Science Fair (KLESF) **mengesahkan persetujuan** untuk melaksanakan/menaja program yang dimohon berdasarkan tema dan syarat pelaksanaan/tajaan program/aktiviti kokurikulum seperti yang dinyatakan pada para 3.1 hingga 3.17 dalam surat Maklum Balas Penganjuran Program dan Penglibatan Murid dalam Pertandingan KLESF International Challenge Tahun 2022 pada 16 hingga 18 Disember 2022.

3. Pihak KLESF akan mengemukakan **satu salinan laporan program** yang dijalankan kepada BSJK **tidak lebih dari 30 hari selepas tamat program** bagi tujuan pengiktirafan program.

4. Sebarang pertanyaan berhubung perkara ini, pihak YBrs. Dr. Boleh menghubungi Cik Lee Woan Shiang dan Puan Norshezar Siru Binti Abdul Johar Siru di talian: +6011-1888 9397 atau emel leewoans@utar.edu.my dan norshezar@utar.edu.my.

Perhatian dan kerjasama YBrs. Dr. Dalam perkara ini adalah amat dihargai.

Sekian, terima kasih.

Saya yang benar,

**Prof. Ts. Dr. Faidz Abd Rahman**

Ahli

Jawatankuasa Pemandu Kuala Lumpur Engineering Science Fair (KLESF)

Naib Presiden

R&D dan Pengkomersilan

Universiti Tunku Abdul Rahman

Jointly organised by:







## Kuala Lumpur Engineering Science Fair

Universiti Tunku Abdul Rahman  
Jalan Sungai Long, Bandar Sungai Long  
Cheras, 43000 Kajang  
Selangor Darul Ehsan, Malaysia  
Tel: (603) 9086 0288 Ext: 118/119  
Url: www.klesf.net Email: info@klesf.net

1 November 2022

YBrs. Dr. Latip Bin Muhammad  
Pengarah  
Bahagian Sukan, Kokurikulum dan Kesenian  
Kementerian Pendidikan Malaysia  
Aras 1 & 7, Blok E13, Parcel E,  
Pusat Pentadbiran Kerajaan Persekutuan,  
62604 Wilayah Persekutuan Putrajaya, Malaysia  
(u/p: Puan Nahirah Binti Azman)

YBrs. Dr.,

### **Permohonan Kebenaran and Sokongan Penganjuran Pertandingan *KLESF International Challenge 2022***

Dengan segala hormatnya kami merujuk kepada perkara tersebut di atas.

2. Terlebih dahulu kami ingin mengucapkan setinggi-tinggi penghargaan di atas sokongan pihak Bahagian Sukan, Kokurikulum dan Kesenian, Kementerian Pendidikan Malaysia (KPM) terhadap penganjuran *KLESF International Challenge 2021* yang telah dilaksanakan secara maya.
3. Untuk makluman YBrs. Dr., pihak kami telah merancang *Pertandingan KLESF International Challenge 2022* melalui platform *Google Form submission* dan *YouTube* (Tarikh akhir penghantaran penyertaan: 27 November 2022). Butiran lanjut mengenai aktiviti ini adalah seperti di **Lampiran 1**, bagi mencapai objektif Kuala Lumpur Engineering Science Fair (KLESF) dan iaitu untuk meningkatkan dan memupuk minat pelajar sekolah dalam STEM (Science, Technology, Engineering & Mathematics).
4. Seperti tahun-tahun sebelumnya, sekolah-sekolah kebangsaan dan swasta di seluruh Malaysia akan dijemput untuk menyertai Pertandingan *KLESF International Challenge 2022*.

Jointly organised by:



5. Sehubungan itu, pihak kami amat berbesar hati sekiranya pihak YBrs. Dr:

(a) Memberi kebenaran dan sokongan Pertandingan *KLESF International Challenge 2022* yang bakal dianjurkan oleh pihak KLESF pada tahun ini

(b) Memohon kerjasama dan sokongan pihak Jabatan Pendidikan Negeri dan Pejabat Pendidikan Daerah untuk hebahan dan sokongan mengenai Pertandingan *KLESF International Challenge 2022*

6. Butiran lanjut mengenai Pertandingan *KLESF International Challenge 2022* boleh diperolehi melalui laman sesawang <https://www.klesf.net/klesf-international-challenge-2022/>.

7. Sebarang pertanyaan lanjut berhubung perkara ini boleh dimajukan kepada emel: info@klesf.net , Cik Lee Woan Shiang (emel: leewoans@utar.edu.my), Pn Norshezar Siru Binti Abdul Johar Siru (emel: norshezar@utar.edu.my) dan di talian: +6011-18889397.

8. Keprihatinan serta sokongan YBrs. Dr. dalam menjayakan pertandingan kami amatlah dihargai dan didahului dengan ucapan terima kasih.

Yang benar,



**Prof. Ts. Dr. Faidz Abd Rahman**

Ahli

Jawatankuasa Pemandu Kuala Lumpur Engineering Science Fair (KLES)

Naib Presiden

R&D dan Pengkomersilan

Universiti Tunku Abdul Rahman

Jointly organised by:





## KLESF International Challenge 2022

### 1. Introduction

The KLESF International Challenge 2022 will be implemented as an **online competition**.

### 2. Objectives

- To enhance school students' interest in science, technology, engineering and mathematics (STEM).
- To unleash students' innovative potential via their STEM projects.
- To promote the Sustainable Development Goals (SDGs) among students.

### 3. Target Group

Schools students from Malaysia and overseas with STEM projects are encouraged to participate in the KLESF International Challenge 2022 by demonstrating their projects to the public.

Category:

- Primary school (12 years old or below)
- Secondary school (13 - 18 years old)

### 4. Program Benefits

This competition serves as a platform and springboard for students to showcase their talents and prepare them for their career pursuits, but also fueled their curiosity through STEM projects.

The gold winners of KLESF International Challenge will have the opportunity to be selected as national representatives in international competitions such as the ASEAN Student Science Project Competition (ASPC 2022) organised by Thailand.


### 5. Method of Implementation, Judging Criteria, Prizes, Fee

This competition takes the form of video submission. The videos will be uploaded to KLESF Challenge's YouTube channel (<https://youtube.com/channel/UCPodzF8rhT2cmwrN0r4iABQ>)

The competition will be held based on the following:

Items	Details
<b>Category</b>	<ul style="list-style-type: none"><li>• Primary school (12 years old and below)</li><li>• Secondary school (13 - 18 years old)</li></ul>
<b>Project Theme</b>	Project that can address the following Sustainable Development Goals <ul style="list-style-type: none"><li>• Good Health and Well-being (SDG 3)</li><li>• Sustainable Cities and Communities (SDG 11)</li></ul>
<b>Assessment Criteria</b>	<ul style="list-style-type: none"><li>• Originality &amp; Innovativeness (25%)</li><li>• Project Execution (25%)</li><li>• Quality &amp; Impact (25%)</li><li>• Project Presentation &amp; Communication (25%)</li></ul>

Items	Details
<p><b>Participation &amp; Rules</b></p>	<ul style="list-style-type: none"> <li>• <b>No fees are charged for participation.</b></li> <li>• Team size: maximum 3 students per team. (Only a maximum of 3 persons presenting in the video)</li> <li>• No limit to the number of teams from each school.</li> <li>• Participation form is to be submitted by each team.</li> <li>• This competition takes the form of <b>video submission</b>.</li> </ul> <p><b><u>Eligibility:</u></b></p> <ul style="list-style-type: none"> <li>• All contents in the video are certified original and belong to the participants.</li> <li>• Obtain permission to use any location that is shown in the video.</li> <li>• Verify that all team participants who are under 18 years old have permission from parents or legal guardians to take part in the competition.</li> <li>• Maintain safe practices.</li> <li>• Be respectful of any featured location(s), other people using the site(s), and wildlife there.</li> <li>• To submit an eligible entry for the competition, the participant must provide 3 items as follows:             <ol style="list-style-type: none"> <li>1. Complete project information.</li> <li>2. Signed Official Video Release Form.</li> <li>3. Video.</li> </ol> <p><i>Note: The submission is considered incomplete until the organiser receive the 3 items above.</i></p> </li> </ul> <p><b><u>Video:</u></b></p> <ul style="list-style-type: none"> <li>• Videos should run from minimum 30 seconds to maximum 5 minutes in duration.</li> <li>• Entries must be suitable for display to a general audience with respect to language, visual content, presentation, themes discussed, and related issues.</li> <li>• All entries must be completed in English.</li> <li>• While the copyright for the video and its content is retained by the participant(s), entering the competition automatically provides KLESF the right to display the video online and/or in any public or private settings without restriction.</li> </ul> <p><b><u>Terms and Conditions:</u></b></p> <ul style="list-style-type: none"> <li>• The organiser reserves the right to verify the qualification and prize eligibility of each participant.</li> <li>• The organiser reserves the right to disqualify participants, withdraw prizes or select new winners in the event:             <ol style="list-style-type: none"> <li>(a) The participant or winner becomes non-eligible for any reason;</li> <li>(b) The video submitted by the participant or winner becomes non-eligible for any reason;</li> <li>(c) Winners must respond to organiser within 10 working days from receiving email notification for identity verification and prize collection processing. After this period, the organiser will disqualify non-responding winners.</li> </ol> </li> </ul>

Items	Details
<b>Prizes</b>	<p>For each category, the following prizes will be available for award based on the recommendation of the panel of judges.</p> <ul style="list-style-type: none"> <li>• Gold medal (RM 500, e-certificate)</li> <li>• Silver medal (RM 200, e-certificate)</li> <li>• Bronze medal (RM 100, e-certificate)</li> <li>• Merit (e-Certificate)</li> <li>• Most "liked" and "shared" video (KLESF limited edition merchandise, e-Certificate)</li> </ul> <p>All student participants of the qualifying entries will be awarded an e-Certificate of Participation.</p>
<b>Deadline for Submission</b>	<b>27 November 2022 (Sunday), 11.59pm (MYT)</b>
<b>Winner Announcement</b>	<b>18 December 2022 (e-KLESF 2022 prize giving ceremony)</b>
<b>Submission Link</b>	<a href="https://forms.gle/rYksqt7EsKEmTh7PA">https://forms.gle/rYksqt7EsKEmTh7PA</a>
<b>Competition Website</b>	<p><a href="https://www.klesf.net/klesf-international-challenge-2022/">https://www.klesf.net/klesf-international-challenge-2022/</a></p> <p>QR:</p> 
<b>Contact</b>	<p>KLESF Secretariat – Universiti Tunku Abdul Rahman  Pn. Azura Abdullah (azura@utar.edu.my)  Ms Lee Woan Shiang (leewoans@utar.edu.my)</p> <p>Tel: +603-90860288 Extension: 119 / 118  WhatsApp: +6011-1888 9397  Email: info@klesf.net</p>
<b>Chief Judge</b>	<p>Name : Ir Dr Danny Ng Wee Kiat  Email : ngwk@utar.edu.my  Contact number : +6016-6527038</p>

**Timeline:**

Tasks / Months	September 2022	October 2022	November 2022	December 2022
<ul style="list-style-type: none"> <li>Competition planning</li> <li>Proposal submission</li> </ul>				
<ul style="list-style-type: none"> <li>Poster design</li> <li>Invitations</li> <li>Promotion &amp; publicity</li> </ul>				
<ul style="list-style-type: none"> <li>Registration of participation</li> <li>Confirmation of participation</li> </ul>				
<ul style="list-style-type: none"> <li>Video compilation &amp; upload to KLESF YouTube channel</li> </ul>				
<ul style="list-style-type: none"> <li>Recruitment of judges</li> <li>Judging sessions</li> <li>Finalising results</li> </ul>				
<ul style="list-style-type: none"> <li>Announcement of results</li> <li>Issuance of certificates</li> </ul>				

**Poster:**

**KLESF INTERNATIONAL CHALLENGE 2022**

**PROJECT THEME**

**3 GOOD HEALTH AND WELL-BEING**

**11 SUSTAINABLE CITIES AND COMMUNITIES**

**THE GLOBAL GOALS For Sustainable Development**

**COMPETITION IS OPEN TO**

Primary school students >>> 12 years old and below  
Secondary school students >>> 13 - 18 years old

**Deadline for submission >>> 27 November 2022 (Sunday), 11.59PM (MYT)**  
**Winner announcement >>> 18 December 2022 (e-KLESF 2022 prize giving ceremony)**

—>>> Team size: maximum 3 students per team.  
—>>> No limit to the number of teams from each school.  
—>>> This competition takes the form of video submission.

**CONTACT US**  
KLESF Secretariat – Universiti Tunku Abdul Rahman  
Pn Azura Abdullah (azura@utar.edu.my)  
Ms Lee Woon Shiang (leewoans@utar.edu.my)  
Tel: +603-90860288 Extension: 119 / 118  
WhatsApp: +6011-1888 9397 Email: info@klesf.net

Scan for details

**- JOINTLY ORGANISED BY -**  
AET, IEM, MIGHT, MARS, TARC, UTAR

**- SUPPORTED BY -**  
AKADEMI SAINS, IFA





**KLESF International Challenge 2022**

**Video Release Form**

This release form concerns the video listed above produced by the undersigned and submitted to the Kuala Lumpur Engineering Science Fair (KLESF) for the KLESF International Challenge 2022. By signing below, I grant permission for the Kuala Lumpur Engineering Science Fair (KLESF) to use, reproduce, and/or publish photographs and/or videos that may pertain to me—including my image, likeness and/or voice without compensation. I understand that this material may be used in KLESF copyrighted materials, websites, publications, and productions.

This authorisation is continuous and may only be withdrawn by my specific rescission of this authorization. I further agree that my name and identity may be revealed in descriptive text or commentary in connection with the images and/or videos.

**Participants:**

Name:	Signature: _____	Date: _____
Name:	Signature: _____	Date: _____
Name:	Signature: _____	Date: _____

**Parent or official guardian:**

Name:	Signature: _____	Date: _____
Name:	Signature: _____	Date: _____
Name:	Signature: _____	Date: _____

Note: Electronic signature is acceptable.



## KLESF International Challenge 2022

### ENTRY FORM

**CATEGORY:** Please tick (√)

Primary school (12 years old and below). No. of participants: \_\_\_\_\_

Secondary school (13 - 18 years old). No. of participants: \_\_\_\_\_

**COUNTRY:** \_\_\_\_\_

**PROJECT THEME:** Please tick (√)

Good Health and Well-being (SDG 3)

Sustainable Cities and Communities (SDG 11)

**PROJECT INFORMATION:**

**Title of Project:**

\_\_\_\_\_

**Abstract of Project:** *(Briefly explain the goal of this project, describe what the project is about; e.g background information, procedures, outcome and conclusion of the project)*

\_\_\_\_\_

\_\_\_\_\_

**PARTICULARS OF STUDENTS:**

<b>Student #1</b>	Name (as per IC):	Gender:
		Race:
		Date of Birth:
		Contact Number:
		Email:
<b>Student #2</b>	Name (as per IC):	Gender:
		Race:
		Date of Birth:
		Contact Number:
		Email:
<b>Student #3</b>	Name (as per IC):	Gender:
		Race:
		Date of Birth:
		Contact Number:
		Email:
<b>Name of School</b>		
<b>School Address</b>		

**PARTICULARS OF MENTOR/TEACHER:**

<b>Mentor / Teacher</b>	Name:	Contact Number:
		Email:

**ATTACHMENTS:**

- (1) Signed Video Release Form
- (2) Video

**Google Form:** <https://forms.gle/rYksqt7EsKEmTh7PA>

**Competition Rubric of KLESF International Challenge 2022**

Category	Criteria	0	1	2	3	4	5	Weightage
<b>Original &amp; Innovativeness</b>	Originality	No Inquiry. No evidence of originality or idea development	Low inquiry. Minimal effort shown on part of student in the generation of idea	Low inquiry. Able to generate basic idea for the problem	Basic level of inquiry. Generated basic idea and applied them to the task	High level of inquiry. Generated basic idea to solve the task	High level of inquiry. Original idea to related to task	12.5
	Innovation	No solution shown or no attempt at finding a solution	Attempted solution does not actually achieve the defined project objectives or resolve the problem	Proposed solution achieves some of the project objectives or partially resolves the problem	Proposed solution achieves most of the project objectives or resolves the problem adequately	Proposed solution achieves every project objective or provides an optimal solution to the problem	Proposed solution achieves all project objectives or provides the best solution to the problem	12.5
<b>Project Execution</b>	Problem Statement	No problem identification/area, aims and objectives provided	Unclear or vague statements regarding problem area and/or aims and objectives	Problem area, aims and objectives are quite clearly stated	Problem area, aims, and objectives all well formulated	Problem area, aims, and objectives are clearly formulated and explicitly described	Problem area, aims, and objectives are perfectly formulated, analysed, and evaluated	12.5
	Methods	No description of project's methodology	Incomplete description of methodology	Quite sufficient description of methodology	Methodology is well described providing basic information to carry out a project	Methodology is clearly described providing all necessary information to carry out a project and reproduce the results	Methodology is described in very clear unquestionable manner to provide all necessary details to repeat it and obtain reproducible results	12.5



Category	Criteria	0	1	2	3	4	5	Weightage
<b>Quality &amp; Impact</b>	Results	Clearly misleading or improbable claims made about results	Unverified claims made about results	Some results are improbable; least/weak attempt made to justify results using data and/or documentation	Results are consistent and convincing	Results are thoroughly supported and related to other sources to verify their reliability and authenticity	Very thoroughly supported results of strongly proven unquestionable reliability, authenticity	12.5
	Conclusion	No mention of the potentials, limitations, and recommendations for future development	Mentions some of the potentials and limitations but leaves out some obvious ones or unrealistic recommendations for future development	Mentions most of the potentials, limitations, and some unrealistic recommendations for future development	Mentions the potentials, obvious limitations, and realistic recommendations for future development	Describes potentials, limitations, and realistic recommendations for future development in detail	Describes potentials, provides in-depth analysis of limitations including proposals for solutions and future development recommendations which are realistic and supported by evidence	12.5

Category	Criteria	0	1	2	3	4	5	Weightage
<b>Project Presentation &amp; Communication</b>	Video Quality	No presentation tools and/or visual aids used	Very minimal use of presentation tools and/or aids, distracts audience or confuses understanding of the presentation	Presentation tools and/or aids add no value to understanding of the presentation	Presentation tools and/or aids are used appropriately	Creative presentation tools and/or aids are used that highlight the quality and audience's interest to the presentation	Novel, unusual, very creative presentation tools used which captures audience's attention and enhances understanding of the presentation	12.5
	Presentation	No indication of any structure	A disjointed presentation which is out of logical order	Poorly structured presentation with erratic topical shifts and jumps	Well-structured presentation which provides good understanding of the project	A clearly structured presentation which enhances understanding of the project and engages an audience	An outstanding presentation of smooth unquestionable structure and engaging content that captures audience	12.5