

INNOVATION, DESIGN, AND ENGINEERING FOR ADVANCED SUSTAINABILITY (IDEAS) COMPETITION 2026



The Institution of Engineers Malaysia (IEM) is hosting the IDEAS Innovation Competition 2026 giving students a space to present creative, design-focused, and engineering-driven solutions to real-world challenges. The competition highlights fresh ideas, sustainable thinking, and smart use of technology to address important societal and environmental needs.

All entries are submitted online as a video presentation.

VIDEO SUBMISSION GUIDELINES:

- Duration: Maximum 5 minutes.
- Format: MP4 or any standard video format.
- Language: English or Bahasa Malaysia.
- Content: Must include clear visuals, voiceover, and explanations of the idea.
- Submission Method: Videos must be uploaded to a designated online platform such as Google Drive, YouTube, or a university portal. The video link, together with the payment receipt, and competition registration form must be emailed to the secretariat before the deadline.

COMPETITION TIMELINE:

- Registration & Video Submission Deadline: 31 July 2026
- Evaluation & Shortlisting: 10 August 2026
- Final Winners Announcement: 21 August 2026

COMPETITION CATEGORIES:

Participants can submit projects in the following fields:

1. Renewable Energy & Smart Technologies
2. Sustainable Engineering & Green Materials
3. Digital Innovations & Smart Systems
4. Any other STEM related topics

PRIZES & AWARDS

(INDIVIDUAL CATEGORY)

First : RM400 + cert
Second : RM250 + cert
Third : RM100 + cert

(GROUP CATEGORY)

First : RM700 + cert
Second : RM500 + cert
Third : RM300 + cert



**** All participants will receive a Certificate of Participation.

REGISTRATION FEES:

Individual Category:
RM 100 per participant
(directly register in IEM portal)

Group Category:
RM 200 per team
(directly email to secretariat)

TARGET PARTICIPANTS:

- Tertiary students from universities, colleges, and polytechnics.
- Open to all engineering, technology, and STEM disciplines.

REGISTRATION & SUBMISSION PROCESS

- Participants register through the IEM website.
- Payment confirmation must be sent to the IEM secretariat.
- Participants upload their videos to an online platform and submit the video link via a designated submission form.

IEM SECRETARIAT:

Ms Ezzaty
Tel : 03-7890 0133
email : ezzaty@iem.org.my

ORGANISED BY:
Engineering Education Technical Division
(E2TD), IEM

Bangunan Ingenieur, Lots 60 & 62, Jalan 52/4,
P.O. Box 223, Jalan Sultan, 46720 Petaling Jaya,
Selangor Darul Ehsan.

INDIVIDUAL CATEGORY RUBRIC (TOTAL: 100 MARKS)

CRITERIA	WEIGHTAGE
Innovation & Creativity	30%
Technical Feasibility	25%
Sustainability Impact	20%
Presentation & Clarity	15%
Adherence to Guidelines	10%

GROUP CATEGORY RUBRIC (TOTAL: 100 MARKS)

CRITERIA	WEIGHTAGE
Innovation & Creativity	25%
Technical Feasibility	25%
Sustainability Impact	20%
Team Collaboration & Roles	15%
Presentation & Clarity	10%
Adherence to Guidelines	5%

Please tick (X):

- INDIVIDUAL CATEGORY
 GROUP CATEGORY
(min 3 max 5 team members)

INNOVATION, DESIGN, AND ENGINEERING FOR ADVANCED SUSTAINABILITY (IDEAS) COMPETITION 2026

REGISTRATION FORM

STUDENT INFORMATION

Student name	Handphone No	Identification No	Course
--------------	--------------	-------------------	--------

- _____
- _____
- _____
- _____
- _____

Team Lead Contact:

(email and contact no): _____

Team Name: _____

UNIVERSITY INFORMATION

University Name: _____

Supervising Lecturer Name:

(email and contact no): _____

COMPETITION CATEGORIES

Category: _____

Video Title: _____