



## ANNEX A

### **IES Prestigious Engineering Achievement Awards**

The IES Prestigious Engineering Achievement Awards recognise outstanding achievements of engineers in Singapore. The awards are given to an organisation or person(s) responsible for an outstanding engineering project.

The awards comprise four categories:

- Applied Research and Development: research and development projects before commercialisation
- Engineering Project: engineering projects which have been successfully implemented
- Technology Innovation: technology or product invention which has been successfully commercialised.
- Student Awards - "*IES Young Creators*" Award: innovative ideas on applications of science

#### **Awards Criteria**

- Applied Research and Development
  - i. Advancement of knowledge with practical applications of science and has potential beneficial impact to society
  - ii. Contribution to the general public, society and nation-building with considerations of commercial and social impact
  - iii. Technological innovation with originality and creativity
  - iv. Only one nomination or application per category for nominators and applicants
  - v. The research work shall have been completed substantially
- Engineering Project
  - i. Innovative engineering practices and environmental sustainability
  - ii. Contribution to the general public, society and nation with considerations of the commercial and social impact delivered
  - iii. Only one nomination or application per category for nominators and applicants
  - iv. The engineering project must be current and must be completed within the last three years
  - v. Project must represent a genuinely new approach or a significantly improved solution over an existing practice



- Technology Innovation
  - i. Technological breakthroughs, innovation and invention (originality and creativity)
  - ii. Contribution to the general public, society and the nation with considerations of the commercial and social impact delivered
  - iii. Only one nomination or application per category for nominators and applicants
  - iv. The technology must have made noteworthy contributions surpassing previous or current solutions
  - v. The technology must have the potential to serve as an inspiration or model for others
  
- Student Awards - "IES Young Creators' Award"
  - i. Open to tertiary level including polytechnics and universities
  - ii. Project must be innovative and creative
  - iii. Project must have achieved high performance in efficiency
  - iv. Project must have high usability, inventiveness and have considered user experience

### **Submission details**

- Covering page with the Name of Project and the names of the team members in full (including full contact details of team leader)
- The executive summary of the project, including significant engineering accomplishment, the impact of engineering contributions and fulfilment of the criteria listed in the different categories
- Details including photographs and relevant drawings of the project placed as addendum
- Nominations will be from local organizations or persons

### **Selection Process**

The shortlisted projects/persons will make a presentation to the IES Engineering Awards Committee for final selection and recommendation to the Council for approval.



## Evaluation Criteria

- 10%: Health and safety considerations.
  - 40%: Description of the development and implementation of how specific innovative solutions were applied and how they were game changer and instrumental in contributing to the increase in productivity and cost savings should be highlighted.
  - 20%: Technological innovation (originality or creativity)
  - 15%: Description of the development and implementation of how specific sustainability solutions/technologies, policies or programmes of the project were applied and instrumental in contributing to the sustainability movement should be highlighted
  - 15%: Description of significant environmental protection and/or enhancement achieved in reducing wastes or emissions, support of alternative energy, and potential application of the technology/approach beyond the project itself and/or beyond normal regulatory requirements. To include recognition of potential environmental impacts and application of appropriate mitigation measures and stakeholder engagement efforts to demonstrate success of the project in the contribution and minimise impact to public, society and country
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- Total Score: 100%

The project(s) with the highest ranking will be awarded the ASEAN Outstanding Engineering Achievement Award which will be presented during the Annual Conference of ASEAN Federation of Engineering Organisations (CAFEO).

## Awards Presentation

The IES Prestigious Engineering Achievement Awards 2026 will be presented at the IES 60<sup>th</sup> Annual Dinner [date to be confirmed]. Each winning team will receive a plaque and team members' certificates.

The winning teams submitted for the ASEAN Outstanding Engineering Achievement Award will need to take care of the Award fee at US\$500 set by the ASEAN Federation of Engineering Organization (AFEO) as well as the travelling cost to receive the awards at CAFEO (Conference of AFEO) which will be held in Bandung, Indonesia. Once the winners are notified, the IES' External Relations team will liaise with them on travel arrangements, to attend the CAFEO to receive the award.



## ANNEX B

### IES Sustainability Awards

The IES Sustainability Awards recognise completed Sustainability Engineering projects, outstanding innovative solutions that promote sustainability practices and promising start-ups for sustainability engineering solutions, products and services. The awards are given to an organisation or persons for the following three categories:

- Completed Sustainability Engineering Projects
- Innovative Solutions for Sustainability: reduce environmental impact and carbon footprints via new technologies, products, or services
- Promising Start-ups for Sustainability: potential and level of innovation in their engineering solutions, products or services

#### Awards Criteria

- **Completed Sustainability Engineering Projects**
  - (i) 5%: health and safety considerations.
  - (ii) 10%: description of the development and implementation of specific sustainability engineering technologies, policies or programmes of the project were applied, in particular, how the project's purpose, deliverables and impact are instrumental in contributing to the sustainability movement
  - (iii) 35%: benefits of the referenced technologies, policies and programmes, especially in how project performance indicators have been deliberated and taken over and above the regulatory requirements. To depict how the nominated project has been proven to be a game changer should be included.
  - (iv) 50%: significant environmental protection and/or enhancement achieved in reducing wastes and/or emissions, deployment of alternative/renewable energy, and potential application of the technology/approach beyond the project itself and/or beyond regulatory requirements. To include recognition of potential environmental impacts and application of appropriate mitigation measures and stakeholder engagement to demonstrate success of the project
- **Innovative Project/Solution for Sustainability**
  - (i) 5%: health and safety considerations.
  - (ii) 10%: description of the development and implementation of how specific sustainability technologies, policies or programmes of the project were applied, in particular, how the project's purpose and deliverables would be instrumental in contributing to the sustainability movement should be highlighted.



- (iii) 45%: innovativeness of technologies and programmes, including cost comparisons/effectiveness with the state-of-the-art technologies or existing programmes, and depict how the nominated project has been proven to be a game changer or shown great potential to do so should be included.
  - (iv) 40%: significant environmental protection and/or enhancement achieved in reducing wastes or emissions, support of alternative energy, and potential application of the technology/approach compared to existing technologies/practices as well as beyond the project itself and/or beyond normal regulatory requirements. To include recognition of potential environmental impacts and application of appropriate mitigation measures to demonstrate success of the project.
- **Promising Start-up for Sustainability**
    - (i) 5%: health and safety considerations.
    - (ii) 10% mission and vision of start-up company and its sustainability movement goals.
    - (iii) 45%: description of the current level of readiness and scale of implementation of sustainability technologies and programmes of the nominated start-up company.
    - (iv) 40%: impact of start-up company in sustainability to benefit society or long-term benefits in cases where the level of readiness and scale of the implementation is currently low.

### **Submission details**

1. The written submission is to clearly indicate the organisation, lead professional or chartered engineer and environmentalist to whom the award is to be presented to. The owner/client of the project is to also be clearly identified in the submission.
2. The executive summary of the project, including significant engineering accomplishment, the impact of engineering contributions and fulfilment of the criteria listed.
3. Details including photographs and relevant drawings of the project placed as addendum
4. Confirmation that all participant organizations, regulatory authorities, sponsors and other key individuals involved in the project are aware of the nomination submission and the project owner's written approval for the release of information.
5. Nominees may provide additional supporting information at their discretion, such as copies of relevant report(s) prepared on the client's behalf; and appropriate photographs, drawings, specifications and performance data.
6. Nominations will be from local organizations or persons



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## **Selection Process**

The shortlisted projects/persons will make a presentation to the IES Engineering Awards Committee for final selection and recommendation to the Council for approval.

## **Awards Presentation**

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