

**THE INSTITUTION OF ENGINEERS, SRI LANKA**

# ENGINEERING EXCELLENCE AWARDS -----



The Annual Engineering Excellence Awards presented by the Institution of Engineers, Sri Lanka (IESL) encourage and celebrate the excellence in the science and the practice of engineering by rewarding the best and the finest of its members, individuals, organizations and companies in Sri Lanka for their outstanding accomplishments and achievements related to engineering.

**Guidelines**

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# **ENGINEERING EXCELLENCE AWARDS -----**

## **THE INSTITUTION OF ENGINEERS, SRILANKA**

### **1. Introduction**

The annual Engineering Awards scheme was established by the Institution of Engineers, Sri Lanka (IESL) to encourage and celebrate the excellence in the science and the practice of engineering by rewarding the best and the finest of its members, individuals, organizations and enterprises in Sri Lanka for their outstanding accomplishments and achievements related to engineering.

The Awards are as follows:

- Eminence in Engineering Award
- Excellence in Engineering Awards for Individuals
- Excellence in Engineering Awards for Organizations
- Engineering Entrepreneur Award
- Award for Excellence in Engineering Journalism
- Young Chartered Engineer Awards
- Chartered Engineer Awards
- Social Responsibilities and Environment Award
- Engineering Heritage Award
- Outstanding Engineering Education Award
- President's Award

## **2. Process**

### **2.1 Submission of Nominations/Applications**

Submissions for Eminence in Engineering Award, Excellence in Engineering Awards for Individuals, Engineering Entrepreneur Award , Young Chartered Engineer Awards, Chartered Engineer Awards, Social Responsibilities and Environment Award, Engineering Heritage Award and Outstanding Engineering Education Award shall be made by nominations.

The nominations could be submitted individually or by Sectional Committees / Provincial Centres. The Sectional Committees / Provincial Centres can select the eligible engineers for different awards in their discipline/ provinces respectively and submit the names with a brief description of the nominees. For the Eminence in Engineering Award and Excellence in Engineering Awards, in addition to the above, a Nomination Panel appointed by the Council shall also nominate suitable candidates for these awards.

Submissions for Excellence in Engineering Awards for Organizations and Award for Excellence in Engineering Journalism shall be made by applications.

All nominations/applications shall be on the prescribed format to be downloaded from the IESL website, [www.iesl.lk](http://www.iesl.lk) or obtained from the IESL Secretariat.

The President's Award will be made by the President.

### **2.2 Initial Screening**

The main committee consisting of President, President Elect and most senior Vice President shall scrutinize all nominations/applications and decide on the nominations/applications to be evaluated further. The shortlisted nominees / applicants shall be directed to the relevant panel of judges for the selection for the awards.

### **2.3 Appointment of Panels of Judges**

Each panel of judges (except the panel of judges for academic excellence) shall consist of one academic, three industry professionals of the profession of Engineering and one outside the profession of Engineering, all of whom should be of good standing. The panel of judges for academic excellence shall consist of three senior academics, one industry professional of the profession of Engineering and one outside the profession of Engineering, all of whom should be of good standing. The required panels of judges are appointed by the main committee.

### **2.4 Selection**

The panels of judges shall submit their recommendations to the main committee. The main committee will make the final selection and report to the Council. The decision of the Council is final.

### **3. Important Instructions**

A Corporate Member cannot make more than one nomination for one award.

The nominees and applicants may be required to present themselves for an interview at the request of the judges.

If the Panel of Judges is of the view that the nominations/applications received for a particular category of Award are not upto the standard, on their recommendation, the main committee may decide not to present any Award for that particular category.

The failure to submit all requested information may disqualify the nominee/applicant from being considered for the relevant award. The decision of the main committee on the recommendation of the Panel of Judges ratified by the Council of the Institution shall be final. No correspondence will be entertained once the decisions are ratified by the Council.

The award winners will be notified immediately after the ratification of the decisions of the main committee by the Council.

Nomination/Application forms with the name of the Award marked at the top left hand corner of the envelope should be returned under sealed cover on or before -----to:

**The Executive Secretary  
The Institution of Engineers, SriLanka,  
120/15, Wijerama Mawatha,  
Colombo7.**

*For Clarifications call Publicity Officer – IESL  
Tel : 2698426 ext - 232*

## **4. Eminence in Engineering Award**

### **4.1 The Award**

The Award for Eminence in Engineering will be presented only to one Distinguished Fellow of the Institution who has demonstrated outstanding achievement and eminence in the science and the practice of engineering.

### **4.2 Nominations for Award**

The nominations in any of the following manner are entertained

- Nomination panel appointed by the Council.
- Relevant Sectional Committee.
- Provincial Centres.
- Individual

Nomination panel appointed by the Council, Sectional Committees and Provincial Centres shall use the official **Nomination Form N1-1** along with the nominee's consent.

The individual should use the official **Nomination Form N1-2** along with a report in the given format. The above forms should be accompanied by a Curriculum Vitae of the nominee. The nominations that do not comply with this requirement may be rejected.

Each nominee should submit a statement indicating as to how in the opinion of the nominee, he/she meets each of the selection criteria pertaining to this award by giving a description of not more than 100 words per criterion. The Nomination should be submitted by -----.

### **4.3 Eligibility Criteria**

The nominee should

1. Be a Fellow of the institution
2. Be more than 45 years of age as at-----.
3. Have at least 20 years work experience in Sri Lanka
4. Have substantial professional experience with progressive upward movement
5. Have contributed to the professional development of fellow engineers
6. Have interaction with the society and should have contributed to its development
7. Possess a track record of good governance
8. Have promoted interaction between Sri Lankan professionals and those overseas and with other professional organizations.
9. Possess entrepreneurial skills and should have received awards

Those who have already received this Award in the previous years will not be eligible to be nominated.

### **4.4 Form of Award**

A Trophy and a Certificate



## **5. Excellence in Engineering Awards for Individuals**

### **5.1 The Awards**

Individual Awards for Excellence in Engineering will be presented to up to eight Fellows of the Institution who have demonstrated professionalism and pursuit of excellence in the science and practice of engineering in their respective disciplines. The disciplines covered will be as follows:

1. Agriculture and Plantation Engineering
2. Building Services Engineering
3. Civil Engineering
4. Chemical Engineering
5. Electrical and Electronic Engineering
6. IT and Communication
7. Mechanical Engineering
8. Any other fields of engineering not covered in 1-7 above

### **5.2 Nominations for Awards**

The nominations in any of the following manner are entertained

- Nomination panel appointed by the Council.
- Relevant Sectional Committee.
- Provincial Centres.
- Individual

Nomination panel appointed by the Council, Sectional Committees and Provincial Centres shall use the official **Nomination Form N2-1** along with the nominee's consent.

The individual shall use the official **Nomination Form N2-2** along with a report in the given format. The above forms should be accompanied by a Curriculum Vitae of the nominee. The applications that do not comply with this requirement may be rejected.

Each nominee should submit a statement indicating as to how in the opinion of the nominee, he/she meets each of the selection criteria pertaining to this award by giving a description of not more than 100 words per criterion. The Nomination should be submitted by -----.

### **5.3 Eligibility Criteria**

The nominee should

1. Be a Fellow of the institution
2. Be more than 45 years of age as at -----
3. Have at least 20 years work experience in Sri Lanka
4. Have substantial professional experience with progressive upward movement
5. Have contributed to the professional development of fellow engineers
6. Have interaction with the society and should have contributed to its development
7. Possess a track record of good governance and
8. Any other achievements that deserve consideration

Those who have already received these Awards in the previous years will not be eligible to be nominated.

### **5.4 Form of Award**

A Trophy and a Certificate

## **6. Excellence in Engineering Awards for Organizations**

### **6.1 The Awards**

Awards for Excellence in Engineering for Organizations will be presented to up to five engineering organizations engaged in the following sectors which demonstrate professionalism and pursuit of excellence in the science and practice of engineering.

- Manufacturing (Large)
- Manufacturing (Medium)
- Infrastructure - Construction
- Infrastructure-Services
- Engineering Services

Manufacturing organizations will be classified as 'Large' or 'Medium' based on their total investment as at the date of the balance sheet of the financial year ending in 2011/2012. Organizations whose total turn over has exceeded Rs 100 million will be considered as large organizations and those whose total turn over is from Rs 30 million to Rs 100 million will be considered as medium organizations.

### **6.2 Applications for Awards**

The applications are entertained supported by two Corporate Members of the institution. These applications should be made using the official **Application Form A1**. The Application Form should be submitted by -----.

### **6.3 Eligibility Criteria**

Any Sole Proprietorship, Partnership, Limited Liability Company, Government Department, Statutory Body or Corporation located in Sri Lanka and currently engaged in the manufacturing, construction or service industry for at least 3 consecutive financial years ending on -----.

### **6.4 Selection Criteria**

#### **6.4.1 Standing of the Organization based on:**

- Volume of work handled / year
- Major projects undertaken/ completed
- Cost & /or energy savings achieved in projects/ manufactured goods per unit of production by use of enhanced engineering skills and processes
- Waste recycling and minimization of waste
- Use of indigenous material/ expertise
- Interaction with universities and professional institutions
- National registrations
- National awards
- A minimum of three years in operation after being registered as a company
- Market share and financial stability

#### **6.4.2 Impact on the Society based on:**

- Spread of experience and knowledge
- Employment opportunities created
- Public acceptance and recognition
- Overall benefit to society
- Corporate Social Responsibility

#### **6.4.3 Attainment based on:**

- Use of new technologies
- Sustainable practices
- Safety, health and environment
- Technology transfer
- Innovative Engineering Management
- Adapting Management to suit needs
- Human Resource Development and Training
- Networking local suppliers
- Quality assurance
- Promotion of innovation and creativity

#### **6.4.4 General:**

- Personnel employed, especially the Chartered Engineers and other qualified engineers
- Patents/ Publications

### **6.5 Form of Award**

A Trophy and a Certificate

## **7. Engineering Entrepreneur Award**

### **7.1 The Award**

This Award is presented to a Corporate Member for his entrepreneurial promise and potential to contribute to the economic wellbeing of the country.

### **7.2 Nominations for Award**

The nominations for this award should be supported by two Corporate Members of the institution by submitting the duly completed official **Nomination Form N3**. This should be accompanied by a Curriculum Vitae and a statement indicating as to how in the opinion of the nominee, he/she meets each of the selection criteria pertaining to the particular award by giving a description of not more than 100 words per each criterion. The nominations should be submitted by -----.

### **7.3 Eligibility Criteria**

The nominee must be active in a profitable business registered and operating in Sri Lanka for at least three full years as of ----- . There should be most recent 3 financial statements each covering a complete 12-month period. The nominee must own majority of the shares of the company, hold the most senior executive position and/or be the chief decision maker. The nominee must be responsible for the day-to-day management of the company including finances and should also be the founder or the initiator of the revival of the business.

### **7.4 Selection Criteria**

1. Degree of entrepreneurship and innovation and extent of use of engineering principles and processes.
2. Delivery of economic, social and environmental benefits to the community and the country.
3. Financial sustainability of the business enterprise.
4. Leadership, management and team-building skills.

### **7.5 Form of Award**

A Trophy and a Certificate.

## **8. Award for Excellence in Engineering Journalism**

### **8.1 The Award**

This Award will be presented to a journalist, presenter, director, producer or a media personality of any other capacity for the outstanding reporting / production in print/electronic media to further public understanding and promotion of engineering.

### **8.2 Applications for Award**

Interested individuals can apply by submitting the duly completed official **Application Form A2**. This should be accompanied by a Curriculum Vitae and a statement as to how in the opinion of the applicant, he/she meets each of the selection criteria pertaining to the award by giving a description of not more than 100 words per each criterion. The application should be submitted by ----- . The applicant should in addition to the above, submit articles, records of programs either in audio or video form of such work along with the application form.

In case where more than one individual are associated with the production, direction, etc. of a submission, the applications shall be made as a joint application and the award shall also be made so.

### **8.3 Eligibility Criteria**

The applicants should be Journalists, Presenters, Directors, Producers or media personalities of any other capacity working for local newspapers / Radio/ TV channels (published/ broadcast /telecast) in the country. The article/programme concerned should have been published /broadcast /telecast between ----- and ----- and should have been intended for the general public.

### **8.4 Selection Criteria**

The submission should

1. Cover an issue related to engineering and highlight the use of engineering and technology for the benefit of the society.
2. Accurately describe and cover all aspects of it.
3. Effectively explain how its outcome benefits the community or the country
4. Clearly describe the engineers' role in it including the views of engineers specialized on the subject/s concerned while facilitating to advance public knowledge, understanding and promotion of engineering in Sri Lanka.

### **8.5 Form of Award**

A Trophy and a Certificate.

## **9. Young Chartered Engineer Awards**

### **9.1 The Awards**

These (up to 7) Awards will be presented to Corporate Members of the Institution who are 35 years of age or younger for their outstanding contributions to the following fields of engineering:

1. Agriculture and Plantation Engineering
2. Building Services Engineering
3. Civil Engineering
4. Chemical Engineering
5. Electrical and Electronic Engineering
6. IT and Communication
7. Mechanical Engineering

### **9.2 Nominations for Awards**

The nominations for each of these awards should be supported by two Corporate Members of the Institution, using the official **Nomination Form N4**. This should be accompanied by a Curriculum Vitae and a statement from the nominee indicating as to how in his /her opinion, he/she meets each of the selection criteria pertaining to the award by giving a description of not more than 100 words per each criterion. The nomination form should be submitted by -----

### **9.3 Eligibility Criteria**

The nominees should be Corporate Members of the Institution who are 35 years of age or younger on the date of closing of nominations, working in Sri Lanka and engaged in the fields of engineering research, design, technology development or technology transfer carried out in Sri Lanka and should be willing to participate in professional activities to promote the Institution.

### **9.4 Selection Criteria**

1. Outstanding contribution made for the advancement of the engineering profession
2. Outstanding contribution made for the public welfare
3. Demonstrate understanding of the role and purpose of the engineering profession in society
4. Professional reputation and integrity
5. Proficiency in communication skills

### **9.5 Form of Award**

A Medal and a Certificate

## **10. Chartered Engineer Awards**

### **10.1 The Awards**

These (up to 8) Awards will be presented to Corporate Members of the Institution who are more than 35 years of age for their outstanding contributions to the following fields of engineering:

1. Agriculture and Plantation Engineering
2. Building Services Engineering
3. Civil Engineering
4. Chemical Engineering
5. Electrical and Electronic Engineering
6. IT and Communication
7. Mechanical Engineering
8. Consultancy and/or providing engineering services

### **10.2 Nominations for Awards**

The nominations for each of these awards should be supported by two Corporate Members of the Institution. These nominations should be made using the official **Nomination Form N5**. This should be accompanied by a Curriculum Vitae of the nominee and a statement from the nominee indicating as to how in his/her opinion, he/she meets each of the selection criteria pertaining to the award by giving a description of not more than 100 words per each criterion. The nomination form should be submitted by -----.

### **10.3 Eligibility Criteria**

The nominees should be Corporate Members of the Institution who are more than 35 years of age on the date of closing of nominations, working in Sri Lanka and engaged in the fields of engineering research, design, technology development or technology transfer carried out in Sri Lanka and should be willing to participate in professional activities to promote the Institution.

### **10.4 Selection Criteria**

1. Outstanding contribution made for the advancement of the engineering profession.
2. Outstanding contribution made for the public welfare.
3. Demonstrate understanding of the role and purpose of the engineering profession in society.
4. Professional reputation and integrity.
5. Proficiency in communication skills.

### **10.5 Form of Award**

A Medal and a Certificate

## **11. Social Responsibilities and Environment Award**

### **11.1 The Award**

This Award will be presented to a Fellow/Member /Associate Member of the Institution for his/her contribution to the preservation of environment and a significant commitment to social responsibility.

### **11.2 Nomination for Award**

The nominations for this award should be supported by two Corporate Members of the Institution. These nominations should be made using the official **Nomination Form N6**. This should be accompanied by a Curriculum Vitae of the nominee and a statement from the nominee indicating as to how in his/her opinion, he/she meets each of the selection criteria pertaining to the award by giving a description of not more than 100 words per each criterion. The nomination form should be submitted by -----.

### **11.3 Eligibility Criteria**

The Nominees should be engaged in work that has a positive impact on the Environment and a significant contribution to social responsibility.

### **11.4 Selection Criteria**

The Nominee's environmental and community activities should have :

1. Drawn community interest and public participation
2. Provided benefits to people in terms of knowledge, attitudes, values, skills, or mutual understanding and cooperation.
3. Improved the quality of life in measurable ways.
4. Environmental conservation.

### **11.5 Form of Award**

A Medal and a Certificate.



## **12. Engineering Heritage Award**

### **12.1 The Award**

This Award will be presented to a Fellow/Member/Associate Member of the Institution for his/her outstanding contribution to the cause of engineering heritage by preserving the legacy of past engineering feats through its identification, maintenance and promotion.

### **12.2 Nomination for Award**

The nominations for this award should be supported by two Corporate Members of the Institution. These nominations should be made using the official **Nomination Form N7**. This should be accompanied by a Curriculum Vitae of the nominee and a statement from the nominee indicating as to how in his/her opinion, he/she meets each of the selection criteria pertaining to the award by giving a description of not more than 100 words per each criterion. The nomination form should be submitted by -----.

### **12.3 Eligibility Criteria**

The entries should relate to Projects completed within the period ----- and -----.

### **12.4 Selection Criteria**

1. Restoration, rehabilitation, re-use for the purpose of preservation or continued maintenance of a heritage building or structure, a significant portion of the interior of a heritage building, or characteristic features of a heritage building or structure;
2. Use of innovative engineering techniques or restoration/conservation methods in upgrading a heritage building or structure;
3. Preservation of a heritage landscape or other natural feature;
4. Publication, education program, exhibit, or activity that promotes heritage conservation.

### **12.5 Form of Award**

A Medal and a Certificate

## **13. Outstanding Engineering Education Award**

### **13.1 The Award**

This Award will be presented to a senior academic in the field of engineering who is a Fellow/Member/Associate Member of the institution for his/her contribution to the professional development of his/ her students and significant research and contribution to enhancement of teaching methods and contribution to national development.

### **13.2 Nomination for Award**

The nominations for this award should be supported by two Corporate Members of the Institution. These nominations should be made using the official **Nomination Form N8**. This should be accompanied by a Curriculum Vitae of the nominee and a statement from the nominee indicating as to how in his/her opinion, he/she meets each of the selection criteria pertaining to the award by giving a description of not more than 100 words per each criterion. The nomination form should be submitted by -----.

### **13.3 Eligibility Criteria**

The Nominees should be university academics attached to an engineering faculty of a local university for not less than 10 years, out of which at least 5 years should be at the grade of senior lecturer or above.

### **13.4 Selection Criteria**

1. Approaches to teaching that influence, motivate and inspire undergraduates to learn
2. Development of curricula and resources that reflect a command of the field
3. Approaches to assessment and feedback that foster independent learning
4. Respect and support for the development of undergraduates as individuals
5. Scholarly activities that have influenced and enhanced learning and Teaching
6. Contribution to Research and Development

### **13.5 Form of Award**

A Medal and a Certificate.

## **14. President's Award**

This Award will be presented at the discretion of the President of the Institution to an individual or organization for the outstanding contribution/ initiative made towards achieving the institution's plans, goals and objectives. The President may at his discretion consult senior officers in the council and senior members from outside.

*Neither nominations nor applications will be entertained for this Award.*