

*Celebrating and Rewarding Excellence in the Science and the Practice of Engineering in Sri Lanka*

**SRI LANKA  
ENGINEERING  
EXCELLENCE AWARDS -  
2018**

**Guidelines**

*Apex body for the Engineering Profession in Sri Lanka*  
**The Institution of Engineers, Sri Lanka (IESL)**

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# **ENGINEERING EXCELLENCE AWARDS 2018**

## **THE INSTITUTION OF ENGINEERS, SRI LANKA**

### **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
- Engineering Invention and Innovation Award
- Excellence in Engineering Awards for Organizations
- Engineering Entrepreneur Award
- Award for Excellence in Engineering Journalism
- Young Chartered Engineer Awards
- Chartered Engineer Awards
- Award for Social Responsibility
- Environment Award
- Engineering Heritage Award
- Outstanding Engineering Education Award
- University Undergraduates' Special Achievement Awards
- President's Award

## **2. The 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, Award for Social Responsibility, Environment Award, Engineering Heritage Award, Outstanding Engineering Education Award and University Undergraduates' Special Achievement Awards shall be made by nominations.

The nominations could be submitted individually or by Sectional Committees / Provincial Chapters / University Chapters / Overseas Chapters. The Sectional Committees / Provincial Chapters / University Chapters / Overseas Chapters can select the eligible engineers for different awards in their discipline/ Chapters respectively and submit the names with a brief description of the nominees..

Submissions for Engineering Invention and Innovation Award, 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 shall nominate individuals for the President's Award.

### **2.2 Initial Screening**

The secretariat will check the submissions for accuracy of membership and organization details where relevant and submit all applications / nominations to the Main Committee. The Main Committee consisting of President, President Elect and most senior Vice President will scrutinize all nominations/applications and submit them to the relevant panel of judges with their observations, if any, for selection for the awards. The Main Committee will do the selection for the President's Award

### **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 professional 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 professional outside the profession of Engineering, all of whom should be of good standing. The 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. Applicants shortlisted for Excellence in Engineering Awards for Organizations may be required to do presentations in support of their applications and the Panel of Judges may decide to do site visits, if in their opinion it is necessary.

The evaluation criteria for each Award will be developed by the panel of judges, prior to the evaluation, and will focus on the contribution to engineering, value addition, in the case of organizations as well as individuals. Minimum requirement for consideration for an award shall be 75% of the total marks and the award shall be presented to the nominee / applicant with the highest among those who score 75% or above under the category. Marks of up to a minimum of 65% of the total marks may be considered, if necessary, for presenting of Merit Awards. If the Panel of Judges is of the view that the nominations/applications received for a particular category of Award are not up to the standard, on their recommendation, the Main Committee may decide not to present any Award for that particular category.

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.

Nomination/Application forms with the name of the Award marked at the top left hand corner of the envelope, (along with the payment receipt of the processing fee in the case of Awards for Organizations) shall be submitted under sealed cover on or before **June 01, 2018** to:

**The CEO/Executive Secretary  
The Institution of Engineers, Sri Lanka,  
120/15, Wijerama Mawatha,  
Colombo 7.**

***For Clarifications call Manager, Publications – IESL  
Tel : 2698426 Ext - 232***

*Members of the Panel of Judges are requested not to consent to themselves being nominated for any Awards in this session to avoid apparent or real conflict of interest with their duty as judges*

## **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 the Award**

Nominations may be made by any of the following:

- Relevant Sectional Committee.
- Relevant Provincial Chapter.
- Individual Member himself/herself

Sectional Committees and Provincial Chapters 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 **June 01, 2018**.

### **4.3 Eligibility Criteria**

The nominee should

1. Be a Fellow of the institution
2. Be more than 45 years of age as at June 01, 2018.
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 recognizing his/her service

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**

Nominations may be made by any of the following:

- Relevant Sectional Committee.
- Relevant Provincial Chapter.
- Individual Member himself/herself.

Sectional Committees and Provincial Chapters 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 **June 01, 2018**.

### **5.3 Eligibility Criteria**

The nominee should

1. Be a Fellow of the institution
2. Be more than 45 years of age as at June 01, 2018
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. Engineering Invention and Innovation Award**

### **6.1 The Award**

This award will be presented to an individual who should be a corporate or non-corporate member of the institution and engaged in the practice of engineering and who has demonstrated a remarkable achievement in either invention or innovation of engineering knowledge or a technology. The award recognizes engineering inventions/innovations of any type that have been developed to the point of practical application.

### **6.2 Application for award**

Interested individuals can apply by submitting duly completed official Application Form **A1**. 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 adequate details. The applicant in addition to the above, should submit publications, articles, photos, videos or any other relevant materials to support the application.

In case where more than one individual is associated with the Innovation, the submission shall be made as a joint application and the award will be offered accordingly. If an applicant has received the award in a previous year, the new application should be based on new and additional achievements. The nominations should be submitted by **June 01, 2018**.

### **6.3 Eligibility Criteria**

The applicants should be individuals engaged in the practice of engineering in Sri Lanka. In addition, the applicant should have either,

1. Created a product or introduced a process for the first time or,
2. Improved on or made a significant contribution to an existing product, process or service. The specific invention/innovation should have been created within 24 months from the date of application.

### **6.4 Selection Criteria**

The entries under this submission should

- have intellectual property that is appropriately protected or have the potential to be protected
- be novel, have utility and be creative (originality/ingenuity)
- demonstrate sound engineering science in both practice and principle
- Be the product of recent work with less than 24 months from development
- have the core engineering work performed in Sri Lanka
- be an Innovative design or process or maintenance practice or management practice
- Be of value proposition for both Sri Lankan and global economy
- have the scope for expanding industry
- have commercial viability
- Ensure environmental sustainability and improvement of quality of life of people. In addition to the above criteria, the quality standard of the submission will be assessed.

### **6.5 Form of the Award:** A Medal and a certificate

## 7. Excellence in Engineering Awards for Organizations

### 7.1 The Awards

Awards for Excellence in Engineering for Organizations will be presented to up to ten 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)
- Manufacturing (Small)
- Construction (Large)
- Construction (Medium)
- Construction (Small)
- Engineering Services (Large)
- Engineering Services (Medium)
- Engineering Services (Small)
- Engineering Consultancy Services

Manufacturing organizations will be classified as 'Large', 'Medium' or 'Small' based on their total investment as at the date of the balance sheet of the financial year ending in 2016/2017. Organizations whose total turnover has exceeded Rs 100 million will be considered as 'Large', organizations whose total turnover is from Rs 30 million to Rs 100 million will be considered as 'Medium' and organizations whose total turnover is up to Rs 30 million will be considered as 'Small' organizations.

Construction Organizations will be classified as 'Large', 'Medium' or 'Small' based on their total turnover as at the date of the balance sheet of the financial year ending in 2016/2017. Organizations whose total turnover has exceeded Rs 1 billion will be considered as 'Large', organizations whose total turnover is from Rs 500 million to Rs 1 billion will be considered as 'Medium' and organizations whose total turnover is up to Rs 500 million will be considered as 'Small' organizations.

Organizations and institutions which supply main stream engineering services like power, telecommunication, water and drainage, transport and other non-consultancy services are considered Engineering Services. Engineering Services will be classified as 'Large', 'Medium' or 'Small' based on their total turnover as at the date of the balance sheet of the financial year ending in 2016/2017. Organizations whose total turnover has exceeded Rs 10 billion will be considered as 'Large', organizations whose total turnover is from Rs 10 billion to Rs 500 million will be considered as 'Medium' and organizations whose total turnover is up to Rs 500 million will be considered as 'Small' organizations.

Organizations and institutions which are involved in consultancy services, construction supervision, architectural, engineering design, environmental feasibility studies, laboratory and site investigations and other consultancy, etc. are considered as Engineering Consultancy Services.

### 7.2 Applications for Awards

The applications shall be supported by two Corporate Members of the institution.

These applications should be made using the official **Application Form A2**. A non-refundable application processing fee shall be paid at the time of submission of applications. The application fee shall be Rs 30,000/= for organizations classified as 'Large', Rs 20,000/= for organizations classified as 'Medium' and Rs 10,000/= for organizations classified as 'Small' under the sectors of

Manufacturing, Construction and Engineering Services. The application fee for organizations under the Engineering Consultancy Services shall be Rs 15,000/=. The Application Form should be submitted by **June 01, 2018**.

### **7.3 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 December 31, 2017 or March 31, 2018.

### **7.4 Selection Criteria**

#### **7.4.1 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
- Sustainability Reporting
  - Incorporation of green concepts
  - Environmental Protection – waste management, cleaner production
- 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

#### **7.4.2 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

#### **7.4.3 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

#### **7.4.4 General:**

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

### **7.5 Form of Award**

A Trophy and a Certificate

## **8. Engineering Entrepreneur Award**

### **8.1 The Award**

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

### **8.2 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 **June 01, 2018**.

### **8.3 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 March 31, 2018. 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.

### **8.4 Selection Criteria**

1. Uniqueness of the business proposition / model and its value proposition and attractiveness to the society
2. Degree of difficulty for others to enter into the same business - higher the better
3. Strength and practical execution of the business model
4. Strength of cash flow matrix and robustness of cash sources until company becomes profitable for at least one year
5. Other financial matrix, especially P&L and BS and due diligence to track
6. Top 1-2 Leaders' personalities
7. Leadership structure (does it create agility and cover key areas with strong leaders - R&D, Customer Service, Sales/Marketing and Finance. Key is not the number of positions but the recognition of key areas and attention to them)

### **8.5 Form of Award**

A Trophy and a Certificate.

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

### **9.1 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. Engineers who have made an outstanding contribution to raising awareness and knowledge about the field of engineering among the public and engaged in popularization of engineering concepts among engineers and the general public through Newspaper articles , electronic media, etc. may also be considered for this award.

### **9.2 Applications for Award**

Interested individuals can apply by submitting the duly completed official **Application Form A3**. 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 **June 01, 2018**. 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.

### **9.3 Eligibility Criteria**

The applicants should be Journalists, Presenters, Directors, Producers or media personalities of any other capacity working for local newspapers / Radio/ TVchannels (published/ broadcast /telecast) in the country. Engineers actively engaged in engineering journalism are also eligible to apply. The articles/programmes concerned should have been published /broadcast /telecast between January 1, 2016 and March 31, 2018 and should have been intended for the engineers and general public.

### **9.4 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.

### **9.5 Form of Award**

A Trophy and a Certificate.

## **10. Young Chartered Engineer Awards**

### **10.1 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

### **10.2 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 **June 01, 2018**.

### **10.3 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.

### **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. Chartered Engineer Awards**

### **11.1 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

### **11.2 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 **June 01, 2018**.

### **11.3 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.

### **11.4 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.

### **11.5 Form of Award**

A Medal and a Certificate



## **12. Award for Social Responsibility**

### **12.1 The Award**

This Award will be presented to an Individual Member / Team of Engineers of the IESL for his/her/team's significant commitment to society and positive and sustainable impacts towards health, safety and improvement in general human wellbeing and living standards of the general public.

### **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 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 **June 01, 2018**.

### **12.3 Eligibility Criteria**

The Nominees should be engaged in work that has a positive impact or create economic benefit to general public or particular community and ensure the social responsibility.

### **12.4 Selection Criteria**

1. The social activities should have drawn or created interest among particular group of community / general public of the area.
2. The activity should be connected with professional engineering input by individual / or team of engineers and to be creative / timely needed activity
3. The activity should be of benefit to the society / ensure safety of the community or group of public / enhance their living / economic standard / enhance knowledge the knowledge, attitudes, skill or mutual understanding or co-operation among group of public or community
4. Ensure the environmental conservation / protection of further damages / improve the quality of life or living standard etc. in a measurable manner.
5. The activity should be appreciated by the general public of the area/ introduce long lasting solution for specific problem or to be adopted by public as remedial measure to be practiced hereafter.

### **12.5 Form of Award**

A Medal and a Certificate.

## **13. Environment Award**

### **13.1 The Award**

The award will be presented to Individual member/Team of Engineers of the IESL for his/her/team contribution to conserve and protect natural resources/prevent pollution/promote environmental sustainability /prevent environmental disaster / enhance the environment in significant manner to improve living standards of general public.

### **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 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 **June 01, 2018**.

### **13.3 Eligibility Criteria**

The nomination should be engaged in work that has a positive impact/significant improvement of environment or create economic benefit to general public or particular community/ ensure the social responsibility /mitigate environmental damages.

### **13.4 Selection Criteria**

1. The environmental activity should have drawn or create interest among particular group of community /general public of the area.
2. The Activity to be connected with professional engineering input by individual /or team of engineers and to be creative /timely needed activity.
3. The Activity to be of benefit to the society/ ensure the safety of community or group of public /enhance their living /economic standard / enhance the knowledge, attitudes, skill or mutual understanding or corporation among group of public or community.
4. Ensure the environmental conservations /protection of further damages/Improve the quality of life or living standard etc. in measurable manner.
5. The activity to be appreciated by general public of the area/ introduce long lasting solution for specific problem or to be adopted by public as remedial measure to be practice hereafter

### **13.5 Form of Award**

A Medal and a Certificate.

## **14. Engineering Heritage Award**

### **14.1 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.

### **14.2 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 **June 01, 2018**.

### **14.3 Eligibility Criteria**

The entries should relate to Projects completed within the period January 1, 2009 and December 31, 2017.

### **14.4 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

### **14.5 Form of Award**

A Medal and a Certificate.

## **15. Outstanding Engineering Education Award**

### **15.1 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.

### **15.2 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 N9**. 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 **June 01, 2018**.

### **15.3 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.

### **15.4 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

### **15.5 Form of Award**

A Medal and a Certificate.

## **16. University Undergraduates Special Achievement Awards**

### **16.1 The Award**

These Awards will be presented to a Engineering Students in Universities for outstanding achievements with respect to engineering projects, inventions, academic excellence, etc. to encourage students in universities to interact and link with IESL more.

### **16.2 Nomination for Award**

Nominations may be made by any of the following:

- Relevant University Chapter
- Individual Student himself/herself

The nominations for this award should be supported by the Head of the Department and Dean of the Faculty of Engineering of the university. These nominations should be made using the official **Nomination Form N10**. This should be accompanied by a signed letter from the Department Head verifying the originality of the of the student's work. The verification letter by the Head of Department should objectively set forth the extent to which the student exercised independence and originality and the part the adviser / supervisor played. The nomination form should be submitted by **June 01, 2018**.

### **16.3 Eligibility Criteria**

The Nominee should be a student member of the IESL in any academic year attached to an engineering faculty of a local university with any kind of special achievement worthy of the award and which could be with respect to engineering projects, inventions, academic excellence, etc.

### **16.4 Selection Criteria**

1. Creativity
2. Scientific Thought and Engineering Goals
3. Thoroughness
4. Skill
5. Clarity

### **16.5 Form of Award**

A Medal and a Certificate.

## **17. President's Award**

This Award will be presented to a Corporate Member for the outstanding contribution/initiative made towards achieving the institution's plans, goals and objectives. The President shall nominate individuals for the award and the final selection for the Award will be done by the Main Committee.