

**THE INSTITUTION OF ENGINEERS,  
SRI LANKA**

# **TRANSACTIONS**

# **2020**

**PART A**

**ANNUAL SESSIONS 2020**  
**ANNUAL REPORTS 2019/2020**  
**ANNUAL GENERAL MEETING - 2019/2020**



“To promote the acquisition and interchange of technical knowledge, advance the science and practice of engineering in all its branches and regulate professional activities in Sri Lanka.”

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

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# CONTENTS

Photograph of the Council for the Session 2019/2020	5
Council for the Session 2019/2020	6
Committees of the Session 2019/2020	8
Report of the President	16
Report of the Council for the Session 2019/2020	21
Report of the Auditors for the Financial year ending December 31, 2019	61
Reports of the Committees	
- Board of Trustees	92
- Standing Committees	93
- Sectional Committees	109
- Provincial Chapters	139
- Overseas Chapters	172
- Young Members' Section	187
- JIY Committee	193
- Women Engineers' Forum	195
- Water Forum	200
- National Policy Forum	204
Annual General Meeting 2019/2020	205
Minutes of the Annual General Meeting held on October 26, 2019	206
Resolutions proposed to be taken up at the Annual General Meeting on October 31, 2020	226
Past Office Bearers of IESL	262



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Eng. Lakmal Isuru (Secretary)	Eng. Supun Thilakawardana
Eng. Chula de Silva	Eng. Jayalath Amarawansa
Eng. Kirthi Sri Senanayake	Eng. Priyan Bellana
Eng. Samantha Gunawardana	Eng. Damitha Jayarathne
Eng. Kosala Kamburadeniya	Eng. Aruna Shantha
Eng. Sanath Abeykoon	Eng. Ishan Ranganath
Eng. Prasanna Narangoda	Eng. Aruna Krishantha
Eng. D.U. Amarasinghe	Eng. Kushan Jayasuriya
Eng. Bandula Karunarathne	Eng. (Ms) Lakmini Abeysuriya
Eng. Koojana Weerasinghe	Eng. Thilina Saranga
Eng. Samantha Indika	Eng. Dhanushka Kodithuwakku
Eng. Asitha Bandaranayake	Eng. Kaushal Pathirana
Eng. Thushara Pathirana	Eng. J.S. Sathiyajith
Eng. Dilan Thilanga	Eng. D.S. Abeysundara
Eng. Asanka Karunanayake	Eng. Mahesh Udayanga

### Chemical & Process Engineering Sectional Committee

Eng. Neil Wickramasinghe - Chairman	Eng. Hasitha Jayawardena
Eng. Muhammed Aadhil - Secretary	Eng. Heshan De Silva
Eng. (Prof.) S.A.S. Perera	Eng. Veditha De Silva
Eng. Nimal Ranaraja	Eng. Tissa Liyanage
Eng. E.M. Piyasena	Eng. P. Sarathchandra
Eng. D. Welhenge	Eng. Danushka Dassanayake
Eng. K.G.H. Kodagoda	Eng. Chamila Wickramasinghe
Eng. (Dr.) Indika De Silva	Eng. Chanaka Wijesinghe
Eng. Harsha Deraniyagala	Eng. Chathura Senanayake
Eng. Manura Wickramasinghe	Eng. Kasun Adikari
Eng. Nadeera Dissanayake	



**Civil Engineering Sectional Committee**

Eng.(Prof.) Ranjith Dissanayake - Chairman	Eng. R. Sasitharan
Eng. J M Pradeep Kumara - Secretary	Eng. Chaaminda Weerakoon
Eng. Himal Hikkaduwa	Eng. A P Rathnayaka
Eng. J.M.C.G. Jayasinghe	Eng. Danushi Ilayperuma
Eng. Sujeewa Samararatne	Eng. K A B P Kuruppu
Eng. S H U De Silva	Eng.(Ms).N.K. Wickramarathne
Eng. Gihan Jayathilaka	Eng. G Prashanthan
Eng. Anura Gamage	Eng. Sajeewa Witaana
Eng. Nilan Herath	Eng. (Dr.). D. A. H. Gunaratne

**Electrical, Electronics & Telecommunication Engineering Sectional Committee**

Eng. Chamil Edirimuni - Chairman	Eng. Chamath Weerasekara
Eng Priyamal Samaratinga - Secretary	Eng T Uthayakumar
Eng Shavindranath Fernando	Eng Mahinda Ranasinghe
Eng Kosala Kamburadeniya	Eng. Milinda Gunawardhana
Eng. Roshan De Silva	Eng H.W.M. Ishantha
Eng. Chulani Perera	Mr. Janaka Perera
Eng Sampath Kumara	Mr. Prasanna Perera

**IT & Computer Engineering Sectional Committee**

Eng. Dileepa Lathsara - Chairman	Eng. Nalinda Herath
Eng. M.S.M. Musthalie - Secretary	Eng. Achini S Randeniya
Eng. Dr. Chandana Gamage	Eng. Vidula Hasaranga
Eng. Jeewapadma Sandagomi	Eng. Rusiru Boralugoda
Eng. Dr. Shantha Fernando	Eng. V Kamalanath
Eng. Kushan Sharma	Eng. Lasith Fernando
Eng. Samudaya Nanayakkara	Eng. Dushan Chathuranga
Eng. Kasun Chathuranga	Eng. Chalana Madusanka

**Mechanical Engineering Sectional Committee**

Eng. Lasantha Gayan Ekanayake - Chairman	Eng. Nalin Bandara
Eng. Rantharu Athtanayake - Secretary	Eng. Parakrama Jayasinghe
Eng. R T Nagahawatte	Eng. Arjuna Manamperi
Eng. Randika Amarasuriya	Eng. S D G R Sandanayake
Eng. A P K Muthunayake	Eng. Piyasiri Kalubowila
Eng. Gayanath Rathnayaka	Eng. N D Abeysondara
Eng. Asela Pathirathna	Eng. Roshen Rathnasena
Eng. Ganesh Dahanayake	Eng. R M L Ranathunga

## PRESIDENT'S REPORT

Dear Members,

As the President of the Institution of Engineers, Sri Lanka (IESL) for the session 2019/2020, I am glad to prepare and produce this report that highlights the important milestones of the IESL that have taken place during the session and also the manner in which IESL continued its forward journey as the apex body of engineers in Sri Lanka. I thank you all for selecting me for this prestigious position and appreciate the trust placed on me to lead this esteemed institution in its 114th year of existence.

At the time of assumption of office I have presented four thrust areas to the membership along which I was

planning to guide the IESL forward. These were:

1. Engineering Ethics
2. Realigning IESL considering establishment of Engineering Council, Sri Lanka (ECSL)
3. Engineering Education
4. Restructuring of the Secretariat

Although the whole country faced a lockdown and associated difficulties for a considerable period in the year 2020 due to COVID pandemic, we have been successful in initiating, continuing and completing many programmes at the IESL along the lines established to address these thrust areas. In addition, based on new challenges that were brought about by the pandemic, as silver-lines in dark clouds, we were able to identify many new areas in which engineers can contribute to the development of the nation and for the benefit of fellow citizens. These areas and the way in which IESL responded will also be described in this report. The report also includes the major revision in By-laws that was initiated and completed in the session 2019/2020 and describes the important steps that are taken in closing down of the IESL College of Engineering. Progress in the areas of recognition and accreditation of engineering degree programmes, and the association of IESL with the global bodies of engineering education and practice are also included in the report.

### Engineering Ethics

A council subcommittee was established for the purpose of enhancing engineering ethics among Members of the IESL including Students members. The committee identified areas that are important through a questionnaire survey and decided to conduct series of seminars and CPD programmes to achieve the goals identified. This was to be conducted with the help of provincial chapters so that the entire country can be covered effectively. Several resource persons were identified, contacted and seminar series and CPD programmes were scheduled. However, due to the COVID pandemic and associated restrictions most of the activities were curtailed.



## **Realigning IESL Considering Establishment of ECSL**

It was understood that it is vital to review the mission, vision and direction of IESL so that we can reposition ourselves for the benefit of our members and that of the country, especially with the establishment of ECSL. In this context, it was also identified that it is extremely important for us to work together with other engineering and professional organizations realizing that the contribution of each organization is complementary to the development of the nation. A council subcommittee was appointed to work on these important areas and their report identifies measures that are to be taken so that IESL and ECSL, together, can work for the betterment of the profession. The report also includes some very important suggestions for amending the Act that was enacted to establish Engineering Council, Sri Lanka. During the session, IESL officers and the Council had several meetings with ECSL regarding many issues that affect engineering practitioners in general and graduate engineers in particular. These meetings yielded positive results such as,

- Payment period of IESL annual membership fee is to be changed in By-Laws so that it aligns with that of ECSL.
- Granted a grace period of six months to the Engineers whose membership is lapsed for more than 3 years to reinstate their IESL membership by paying all arrears and 25% surcharge on the total.
- Initiated to grant IESL Associate Membership in bulk for fresh Engineering graduates who have followed an IESL recognized/accredited degree, at their date of graduation.
- Steps are initiated to register the electricians jointly by ECSL, IESL and PUCSL.
- It was established that development of progression paths for engineering practitioners is a prerogative of IESL.
- Deadline for the special route, applicable for members of foreign engineering institutes recognized by the IESL was extended, until 31st December 2020.

## **Engineering Education**

It is clear that the engineering education is at crossroads in Sri Lanka due to various decisions taken by successive governments as well as by professional institutions that represent engineering practitioners. It is the duty of IESL to clarify some matters that have been surfaced due to the definition of Engineering practitioners according to ECSL Act and because of the establishment of technological Faculties at local universities. In addition, several misconceptions on engineering education exist within the general public that need to be addressed before they lead to unhealthy situations and possible drastic decisions by the government. A council subcommittee was appointed for this purpose and the committee deliberated the issues in detail. Some interim decisions were arrived at by the committee after several rounds of deliberations. It was decided to discuss the main proposals of the committee with respective higher education providers of the country, the engineering faculties of state universities. It is expected that the new council for Session 2020/2021 will take this approach forward and reach appropriate conclusions. The discussions may extend to include non-state education providers of engineering degree programmes and to faculties that offer technology degree programmes.

## **Restructuring the Secretariat**

During the Session 2018/2019, IESL embarked on a major restructuring process at the secretariat. This was completed in the session 2019/2020 and the secretariat, except the finance division, was moved to a new location so that it can serve the members in an efficient matter with all the administrative staff located in one floor.

## **IESL and COVID 19**

A large number of Members of IESL worked very closely with Medical and other professionals in government efforts to combat the COVID 19 pandemic. Several areas in which engineers can effectively contribute were identified and immediately acted upon. These include (a) repair of medical equipment at hospitals (b) development of new equipment for patient care (c) donating personal protective equipment to health staff (d) reassessment of effectiveness of ventilator and other systems at emergency care units of hospitals and (e) rehabilitation and development of hospital units. The need for close corporation between engineers and health care workers, not only during emergency situations, but also during normal conditions was recognized.

A committee was appointed to study the proposals received from Members and prepare a report on possible actions for economic revival of the country after COVID 19. IESL sent a letter to His Excellency the President, based on the experience gained, proposing many different ways in which engineers can contribute in this exercise. HE the President invited IESL and few senior engineers from the industry for a discussion. At the discussion, IESL's contributions and proposals were highlighted and the President appreciated the initiatives and assistance of IESL during the pandemic. The committee report is finalized and will be sent to the authorities.

## **By-laws Revision**

It has been the common practice of IESL to propose amendments to By-laws through resolutions at each Annual General Meeting (AGM). This has resulted in many issues on interpretation of By-laws due to lack of a holistic approach at the time of passing resolutions, requiring the membership to propose more amendments only for clarification purposes. On invitation by the President, By-laws Revision committee started to review all the By-laws with the purpose of ironing out the contradictions and making appropriate changes so that the conflicts are minimized and clarified. This task was successfully accomplished due to untiring work by the By-laws Revision committee and Council approval was obtained through several rounds of meetings. The final document is expected to be approved at a General Meeting.

## **IESL College of Engineering (IESLCE)**

IESLCE continued the winding down programme of the college, initiated in 2017/2018 session through the 2019/2020 session as well. No new students have been enrolled since 2017 and as of October 2020, the no. of registered students who follow the Advance Diploma Level and Graduate Diploma Level programmes stand at 72. Academic programme of existing students will continue until the end of the year 2021. In addition, some repeat students may register for the examinations.

With the diminishing number of students and associated reduction of demand for classroom space, IESLCE decided to move out from its rented facility at Hector Kobbekaduwa Mawatha, owned by State Development and Construction Corporation (SD&CC). SD&CC was informed by IESLCE on its intention of moving out by 31st January 2020, the day on which the ongoing contract as of the beginning of the session 2019/2020 was to be over. It was decided to house the college at the IESL

premises, primarily within the space vacated by the Secretariat, at the Centenary Building. The process of moving is completed and IESLCE now operates from headquarters of IESL. SD&CC have agreed to pay for the installations done by the IESLCE in the building including air conditioners, partitioning and wiring. Laboratory equipment of the IESLCE were sold to the highest bidder and the new occupant, Sri Lanka Technological Campus (SLTC). All excess furniture and other equipment that belongs to IESLCE will be auctioned out in the near future.

### **Recognition and Accreditation of Engineering Degree Programmes**

Six (6) engineering degree programmes were accredited and five (5) programmes were recognized during the session 2019/2020. However, the conditional accreditation given to UNIVOTEC technological degree programmes under Sydney Accord was not continued due to non-compliance with the recommendations of the IESL.

### **Association with International Bodies on Engineering Education and Practice**

IESL continued its close association with international bodies such as World Federation of Engineering Organizations (WFEO) and International Engineering Alliance (IEA) for Washington Accord, Sydney Accord and International Professional Engineer Agreement. During the session 2019/2020, IESL was able to get its current full membership of International Professional Engineers Agreement (IPEA) with IEA, extended by SIX more years. The decision for the extension of the IPEA membership status was unanimous and it must be stated that the memberships of few other countries were discontinued. President made a presentation to the IEA on why IESL should be allowed to gain full membership of Sydney accord accreditation process.

### **Other Important Milestones**

- At the beginning of the session 2019/2020, IESL was in the midst of several legal issues with three cases filed against the institution, some related to IESLCE. Due to the continued and dedicated efforts of many key members, all three cases were concluded within the session, in IESL's favour. These cases have educated the Council and the general membership on some of the legal matters that need to be carefully considered in our decision making. This will assume special significance with the functioning of ECSSL, the only legal entity that governs practice of Engineering in Sri Lanka.
- At the meeting with HE the President, in addition to COVID 19 issues, IESL highlighted that (a) Sri Lankan Engineers have the capacity of doing all Pre-feasibility and pre-tender work of any kind of Projects (b) It is important to increase the local component in all engineering projects (c) It is important to establish a national plan for development spanning at least 30 year duration and (d) It is essential to have Sri Lankan Engineers inputs in all type of projects from pre-feasibility stage to completion. HE the President affirmed IESL's views.
- The involvement of the Transport Sector Committee of the IESL resulted in a significant reduction of estimated cost of the Kelani Valley Railway Project.
- Civil Engineering Sectional Committee was empowered to study the professional review methods of other countries and prepare a more practical methodology, so that Civil Engineers could obtain their professional qualifications without compromising the standards.
- A subcommittee consisting all Sectional Committee Chairmen was appointed to prepare a policy document to be followed when IESL is working with sponsors or any other organizations.

- A formal request was sent to the Secretary to the Treasury to appoint an IESL representative to the National Planning Department.
- The path for “readmission” was removed and only “reinstatement” will continue as stated in By-laws and those who were readmitted will be reinstated with their previous membership number.
- World Engineering day was celebrated on 04<sup>th</sup> March 2020 at the IESL Head office.
- Maximum claimable amounts through the Benevolent fund were increased by 75%.
- Prize money of EW Karunaratne and Migara Ratnatunge awards were increased by 100%. The excess amount is borne by the IESL.
- A procedure was finalized for “Evaluation of Distance Learning Engineering Degree Programs in Sri Lanka for IESL Recognition”.
- Implementation of the new membership information system is in progress and stands at 94% completion as of 2<sup>nd</sup> of October 2020.

**S B S Abayakoon**

**President, Session 2019/2020**

## COUNCIL REPORT – 2019/2020

The Session 2019/2020 commenced on 2019/10/26, with the first meeting of the Council held after the conclusion of the Annual General Meeting of 2019.

### **1. COUNCIL MEETINGS : ATTENDANCE RECORD DURING THE SESSION 2019/2020**

A total of 15 meetings, including special Council meetings were held during the session.

The number of meetings attended by each of the members of the Council by 2020/09/20, is given below.

	Name	Post	Total
01.	Eng.(Prof.) S B S Abayakoon	President	15
02.	Eng.(Prof.) T M Pallewatta	Immediate Past President	15
03.	Eng.(Dr.)(Brig) A Ranasinghe	Past President	15
04.	Eng. K P I U Dharmapala	President-Elect	15
05.	Eng. (Dr.) Kamal Laksiri	Vice President	13
06.	Eng. Granie R Jayalath	Vice President	14
07.	Eng. Kosala Kamburadeniya	Vice President	15
08.	Eng. Mangala Silva	Honorary Secretary	14
09.	Eng. M G Hemachandra	Honorary Treasurer	11
10.	Eng. H C J Thilakarathne	Chairman – Agri & Plant. ESC	12
11.	Eng. H S Suran Fernando	Chairman – Building Services ESC	15
12.	Eng. W A N R Wickramasinghe	Chairman – Chem & Process ESC	12
13.	Eng.(Prof.) Ranjith Dissanayake	Chairman – Civil ESC	10
14.	Eng. Chamil Edirimuni	Chairman – Elect , E&TESC	15
15.	Eng. M P D Lathsara	Chairman – IT & C ESC	10
16.	Eng. E M P G L G K Ekanayaka	Chairman – Mechanical ESC	11
17.	Eng. N A Wijeyewickrema	Representative Fellow	15
18.	Eng. Malith Mendis	Representative Fellow	09
19.	Eng.(Mrs.) S H Gunawardana	Representative Fellow	11
20.	Eng. P W Sarath	Representative Fellow	13
21.	Eng. P C Jinasena	Representative Fellow	14
22.	Eng. Dhammika Dharmartne	Representative Fellow	11
23.	Eng. Chulani Perera	Representative Member	15
24.	Eng. Manjula Samarasinghe	Representative Member	15
25.	Eng.(Prof.) J P Karunadasa	Representative Member	11
26.	Eng. Dharaka Vitharana	Representative Member	10
27.	Eng. Navodana Kankanamge	Representative Member	14
28.	Eng. Dayan Herath	Representative Member	13
29.	Eng. Dimuthu Lakmal	Representative Member	13
30.	Eng. Lalith Pallegama	Representative Member	13
31.	Eng. Kusum Priyananda	Representative Member	12
32.	Eng. (Prof.) U Hemapala	Representative Member	12

## **2. STRATEGIC MOVES/INITIATIVES TAKEN**

- Secretariat has been moved to the rear building of the IESL to provide a good office environment for the staff and for the convenience of members.
- IESL College of Engineering has been shifted to the IESL head office by taking into consideration the Council decision to curtail College activities only for the students who are already enrolled.
- Initiated to prepare a “National Policy on Engineering Education” to be submitted to government authorities.
- Council appointed a committee to prepare a report on “Proposals for Economic Revival of the Country after COVID-19” which is to be submitted to respective government authorities.
- Initiated to revise the entire By-laws of the institution. The final version of the report approved by the Council is to be tabled at a General Meeting for ratification.
- Set up a committee to define the role of the IESL and prepare amendments to the Engineering Council, Sri Lanka (ECSL) Act.
- Transport committee of IESL was able to submit vital concerns over the Feasibility study particularly in respect of financial viability of Colombo Suburban Railway Project (CSRP). This resulted in bringing down the engineer’s estimate significantly, i.e. from US\$ 2.5 million to US\$ 1.4 million.
- Initiated to conduct a countrywide programme to educate Members of the IESL on Engineering Ethics.
- Initiated a project through the Infrastructure committee to improve the Kulasinghe Auditorium of the IESL.
- Donated Rs.1 million to “COVID – 19 Healthcare and Social Security Fund” established by the government and implemented various activities through Sectional Committees, Provincial Chapters, Engineering Faculties and Groups of engineers to mitigate the impact of COVID-19.

## **3. MAIN COUNCIL DECISIONS**

### **(1). 1<sup>st</sup> Council Meeting on 26<sup>th</sup> October 2019**

#### **a. Appointments to fill the vacancies in the 2018/19 Council**

- Chairman - Chemical & Process Engineering Sectional Committee:  
Eng. W. A. N. R. Wickramasinghe
- Chairman, Agri. & Plant. Eng. Sect. Com. - Eng. H. C. J. Thilakarathne

#### **b. Appointments of Chairmen for Standing Committees**

- a. Chairman, Professional Standards Management Committee:  
Eng. K. P. I. U. Dharmapala - President Elect.
- b. Chairman, Education Committee:  
Eng. (Dr.) Kamal Laksiri - Vice President
- c. Chairman, Finance and Procurement Committee:  
Eng. (Prof.) S. B.S. Abayakoon – President
- d. Chairman, TECHNO Committee:  
Eng. K. P. I. U. Dharmapala - President Elect.
- e. Chairman, Continuing Professional Development Committee:  
Eng. Granie Jayalath - Vice President



- f. Chairman, Professional Affairs Committee:  
Eng. (Prof.) S. B. S. Abayakoon – President
- g. Chairman, Library and Publication Committee:  
Eng. Kosala Kamburadeniya- Vice President

**c. Appointment of Chairman - YMS**

Eng. Navodana Kankanamge was appointed by the Council as the Chairman of YMS for the session 2019/2020

**d. Appointment of Chairman - JIY**

Eng. Dayan Herath was appointed by the Council as the Chairman of JIY for the session 2019/2020

**e. Appointments of Members to Editor Posts**

- 1. Editor – Engineer Journal – Eng. (Dr) P. A. K. Karunananda
- 2. Editor Transactions - Eng. (Prof.) Jagath Manathunga
- 3. SLEN Editor – Eng. Lalith Pallegama,
- 4. SLEN Sub Editor – Eng. Suran Fernando.

**f. Appointments of Directors for the Board of the IESL College of Engineering**

- 1. Eng. (Prof.) S. B. S. Abayakoon – P-IESL
- 2. Eng. K. P. I. U. Dharmapala - PE-IESL
- 3. Eng. (Prof.) T. M. Pallewatta – IPP-IESL
- 4. Eng. Granie R. Jayalath - VP-IESL
- 5. Eng. (Dr.) Kamal Laksiri - VP-IESL
- 6. Eng. Kosala Kamburadeniya - VP-IESL
- 7. Eng. W N A M Abeysekera – CEO/ES – IESL

**g. Appointment of Members to the By- Laws Revision Committee**

Following appointments were made by the Council for the session 2019/2020.

- 1. Eng. (Prof) S. B. S. Abayakoon – President IESL 2019/2020
- 2. Eng. Priyal De Silva – Past President
- 3. Eng. Chula De Silva – Past President
- 4. Eng. Kosala Kamburadeniya – Fellow Member & VP 2019/2020
- 5. Eng. P. W. Sarath – Fellow Member & Council Member
- 6. Eng. (Mrs) Shayama Gunawardena - Fellow Member & Council Member

**h. Appointment of Members to the Disciplinary Panel**

Following appointments were made by the Council for the session 2019/2020

- 1. Eng. Priyal De Silva – Past President
- 2. Eng. (Prof) Mrs. N. Ratnayake– Past President
- 3. Eng. (Prof) Priyan Dias – Fellow Member
- 4. Eng.(Dr.) H. H. J Keerthisena– Fellow Member
- 5. Eng. Russel De Zilva– Fellow Member
- 6. Eng. Bandula Thilakasena– Fellow Member

**i. Working Committee for Sydney Accord Membership of IEA**

Council established the above committee and appointed Eng. (Dr) Kamal Laksiri as the Chairman of the same for the session 2019/2020.

**j. Board of Trustees**

Council appointed Eng. (Dr.) Ananda Ranasinghe as the Chairman of Board of Trustees for a 4 year period.

**k. Board of Accreditation**

Council appointed Eng. G. D. A. Piyathilaka as the Industry Representative to Board of Accreditation for a 4 year period.

**l. ICT Committee**

Following appointments were made by the Council for the session 2019/2020.

1. Eng. (Prof) S. B. S. Abayakoon - Chairman
2. Eng. (Prof) Mrs. N. Ratnayake
3. Eng. Dileepa Lathsara
4. Eng. Indika Walpitage
5. Eng. (Dr) Chandana Gamage

**m. Legal Committee**

- a. Eng. (Dr) Chandana Gamage – Chairman
- b. Eng. (Dr) Ananda Ranasinghe
- c. Eng. Arjuna Manamperi
- d. Eng. A. P. R. Silva
- e. Eng. Suran Fernando
- f. Eng. Chamil Edirimuni

**n. Water Forum**

Council appointed Eng. (Dr) Kamal Laksiri as the Chairman of the Water Forum for the session 2019/2020.

**o. Policy Forum**

Council appointed Eng. M. G. Hemachandra as the Chairman of the Policy Forum for the session 2019/2020.

**p. IESL Elections for the Session 2020/2021**

Following appointments were made by the Council.

1. Eng. (Rear. Ad.) Ravi Ranasinghe – CRO
2. Eng. (Prof) J.P. Karunadasa- ARO
3. Eng. Kusum Priyananda- ARO
4. Eng. Chulani Perera- ARO

**q. OPA Forum Members**

Council appointed following Members for the session 2019/2020 as IESL representatives to OPA

1. Eng. (Prof) S. B. S. Abayakoon
2. Eng. (Prof) Dayantha Wijesekera
3. Eng. Nihal Wijeyewickrama
4. Eng. Upali Jayawardane
5. Eng. Dhammika Dhramarathne
6. Eng. Suran Fernando
7. Eng. Manjula Samarasinghe
8. Eng. Navodana Kankanamge
9. Eng. Neil Abeysekera
10. Eng. Saliya Kaluarachchi
11. Eng. Hemal Pieris

**r. CIDA –National Advisory Council**

Council appointed President, Eng. (Prof.) S. B. S. Abayakoon as the IESL representative to the above committee for the session 2019/2020

**s. UGC Standing Committees**

Council appointed President, Eng. (Prof.) S. B. S. Abayakoon as the IESL representative to the following UGC Standing committees for the session 2019/2020

1. Engineering and Architecture
2. Technology stream

**t. Infrastructure Committee**

1. Eng. (Prof) S. B. S. Abayakoon - Chairman
2. Eng. Manjula Samarasinghe – Deputy Chairman
3. Eng. Indika Walpitage
4. Eng. Dayan Herath
5. Eng. Prageeth Pathmendra
6. Eng. Aruna M. Ananda
7. Eng. Priyamal Samaratunga
8. Eng. (Ms.) Wasantha R. Kumari
9. Eng. Kalum Gunasekara
10. Eng. Mangala Silva
11. Eng. Banduka Kuruppu

**u. Transport Sector Committee**

1. Eng. (Prof) Ranjith Dissanayake – Chairman CESC (Chairman of Sub-committee)
2. Eng. Chamil Edirimuni – Chairman EEESC
3. Eng. E.M.P.G.L.G.K. Ekanayaka – Chairman MESC
4. Eng. Granie Jayalath – Industry expert
5. Eng. (Dr) Thilak Siyambalapitiya
6. Eng. Priyal de Silva
7. Eng. (Prof) Amal Kumarage
8. Eng. Dhammika Jayasundara
9. Eng. Sarath Gamini

**(2). 2<sup>nd</sup> Council Meeting on 01<sup>st</sup> November 2019**

- a. Council Decided to grant accreditation to the Bachelor of the Science of Engineering Honours in Civil Engineering Degree by the University of Peradeniya for intake years from 2018 to 2020.
- b. Council Decided to grant accreditation to the Bachelor of the Science of Engineering Honours in Material Science and Engineering Degree by the University of Moratuwa, for intake years from 2018 to 2020.

**(3). 3<sup>rd</sup> Council Meeting on 06<sup>th</sup> December 2019**

- a. Council decided to grant the “Conditional Recognition” for a period of two years for the Honors Degree of Bachelor of the Science of Engineering for Electrical & Electronic Engineering and Mechanical Engineering conducted by the South Eastern University of Sri Lanka (SEUSL). Accordingly, the intake batches of 2013 and 2014 shall be eligible to gain the recognition of IESL for the Honors Degree of Bachelor of the Science of Engineering (Electrical and Electronic Engineering) and Honors Degree of Bachelor of the Science of Engineering (Mechanical Engineering) offered by the Faculty of Engineering, SEUSL.
- b. Council decided to continue with Engineering Gallery at National Museum.

**(4). 4<sup>th</sup> Council Meeting on 03<sup>rd</sup> January 2020**

- a. Council made the following appointments to Registration and Accreditation Board.
  - Registration Board (to represent Private Sector) – Eng. Indika Walpitage
  - Accreditation Board (to represent industry) – Eng. Nishantha Rathnayake
  - Accreditation Board (to represent University of Sri Jayawardanepura) - Eng. (Dr) Ms. Ganga Samarasekera
- b. Council decided to hold the Engineers’ Night in March 2020.
- c. Eng. M. G. Hemachandra was nominated to CIDA Board.

- d. Based on the proposal by the subcommittee, Council decided to have the National Engineering Conference in Kandy and to organize it with the assistance of Kandurata Chapter during the month of July. Theme will be related to Engineering Involvements in Agriculture and Irrigation Sectors.
- e. Council was informed that Board of IESLCE decided to sell the laboratory equipment of IESLCE to the highest bidder, SLT Campus at Rs. 19 m. All equipment to be cleared before 25th of January 2020.
- f. Council requested Civil Engineering Sectional Committee to study the professional review methods of other countries and prepare a more practical methodology, so that, Civil Engineers could obtain their Charter without compromising the standards.
- g. Council appointed following subcommittee to define the Role of IESL and propose amendments to the EC Act.
  - Eng. Kosala Kamburadeniya – Chairman
  - Eng. (Dr.) Kamal Laksiri
  - Eng. Jayavilal Meegoda.
  - Eng. Sanath Panawennage
  - Eng. Nishantha Rathnayake
- h. Council decided to grant leave for IESL Staff according to the shop and office Act and IESL Administration Manual. However, Council empowered the CEO to announce IESL holidays and mercantile holidays, to avoid a few members working in IESL premises in those days by consuming resources inefficiently.
- i. Council decided to grant accreditation to the Bachelor of the Science of Engineering Honours in Mechanical Engineering degree program of University of Moratuwa for intake years till 2020.
- j. Council decided to grant accreditation to the Bachelor of the Science of Engineering in Production Engineering degree program of University of Peradeniya for the intake years 2015 and 2016.
- k. Council decided to grant accreditation to the Bachelor of the Science of Engineering degree program in Manufacturing & Industrial Engineering of University of Peradeniya for the intake years 2016 to 2019.

**(5). 5<sup>th</sup> Council Meeting on 07<sup>th</sup> February 2020**

- a. Council appointed following members to outside organizations.
  - Eng. (Prof.) Udayanga Hemapala to the Board of Management of SLIATE
  - Eng. Mangala Silva to the Board of Management of SLSI
  - According to the tradition, Eng. (Prof.) S. B. S. Abayakoon (President) to the Board of Management of NSF
  - Eng. J. Meegoda to the Board of Governors of the UNIVOTEC
- b. Council was informed that the building occupied by the IESLCOE was rented to SLT Campus by the SD&CC with effect from the 1st February 2020.
- c. Council decided to grant the recognition to the Bachelor of the Science of Engineering in Electrical and Electronic Engineering degree programme of university of Jaffna, for the intake years 2015, 2016 and 2017 (in addition to the initially granted intake years 2013 and 2014).

- d. Council decided to have celebration of the World Engineering day on 04th March 2020 at the IESL Head office.
- e. Council decided to nominate Eng. K. P I U Dharmapala and Eng. Navodana Kankanamge to represent IESL at the 16th National Convention of Nepal Engineers' Association.

**(6). 6<sup>th</sup> Council Meeting on 06<sup>th</sup> March 2020**

- a. Council approved the the theme of the Techno exhibition for the year 2020 be “Empower Engineers for a Smarter Sri Lanka”.
- b. Council decided to nominate following 7 members as IESL representatives to the ECSL for next 2 years starting from April 2020.
  - Eng. Dr. Ananda Ranasinghe – Current Council Member of IESL
  - Eng. K. P. I. U. Dharmapala – Current Council Member of IESL
  - Eng. Granie Jayalath – Current Council Member of IESL
  - Eng. Kosala Kamburadeniya – Current Council Member of IESL
  - Eng. Tilak De Silva – Current Chairman of ECSL
  - Eng. Arjuna Manamperi – Current Member of ECSL
  - Eng. Jayavilal Meegoda – Current member of ECSL
- c. Council was informed that the Appeal Court case CA/WRIT/26/2017 against the IESL was dismissed.
- d. Based on the recommendation of the Board of Trustees (BOT), Council decided to appoint Eng. Indika Walpitage to serve in the Board of Management of Benevolent Fund.
- e. Council decided to increase the maximum claimable amounts through the Benevolent fund as follows.
  - for Member – from Rs. 200,000/- to Rs. 350,000/-
  - for Spouse – from Rs. 100,000/- to Rs. 175,000/-
- f. Council decided that the theme of the National Engineering Conference be “Engineering in Agriculture” (Productivity Improvements and Value Addition).
- g. Council decided to grant Conditional Accreditation to the Bachelor of the Science of Engineering Honours in Mechanical Engineering degree program of the University of Moratuwa for intake years 2018 and 2019.

**(7). 7<sup>th</sup> (Special) Council Meeting on 09<sup>th</sup> May 2020**

- a. Council appointed following subcommittee to study the member grievances and make recommendations to the Council. Council also decided to extend the deadline so that more Members can submit their grievances.
  - Eng. Chulani Perera
  - Eng. Neil Abeysekera
  - Eng. Manjula Samarasinghe
- b. Council appointed following subcommittee to study the proposals received from Members and prepare a report on proposed actions to Economic Revival of the Country after COVID 19.
  - Eng. Suran Fernando – Chairman
  - Eng. Dileepa Lathsara
  - Eng. Dimuthu Lakmal
  - Eng. P. W. Sarath
  - Eng. Prof. T. M. Pallewatta

- Eng. H. C. J. Thilakerathne
  - Eng. Dayan Herath
  - Eng. Navodana Kankanamge
  - Eng. Chulani Perera
  - Eng. Dharaka Vitharana
  - Eng. Manjula Samarasinghe
  - Eng. Lasantha Ekanayake
- c. Council decided to hold the Techno Exhibition 2020 as a Virtual Exhibition considering the situation in the Country.
- d. Council decided to cancel “Engineers Night” to be held on 12th June 2020 and also decided not to hold Techno Launch in regular manner.

**(8). 8<sup>th</sup> Council Meeting on 03<sup>rd</sup> June 2020**

- a. Council decided to increase the minimum post charter experience required to register as an adjudicator to 10 years and inform all currently listed Adjudicators. The guidelines and other documents will be changed accordingly.
- b. Council was informed that, the District court case DSP- 017/2016 against the IESL was withdrawn.
- c. Council decided not to accept the recommendation of Accreditation Board to revise the minimum industrial training period to 16 weeks. Council also decided to inform the Engineering faculties to maintain the minimum industrial training period at 24 weeks.
- d. Council decided to grant accreditation for the Bachelor of the Science of Engineering in Civil and Environmental Engineering Degree Program at the University of Ruhuna for the intake years 2021 to 2025.

**(9). 8<sup>th</sup> Council Meeting (adjourned) on 13<sup>th</sup> June 2020**

Council approved the election schedule for IESL Elections 2020/21 submitted by the CRO. The key dates of the elections are as follows.

- Calling for nominations – 22nd June 2020
- Closing of nominations – 13th July 2020
- Ballot paper posting – 07th August 2020
- Ballot paper closing – 04th September 2020
- Vote count -05th September 2020

**(10). 9<sup>th</sup> Council Meeting on 03<sup>rd</sup> July 2020**

- a. Council accepted the report submitted by the Education Committee, which included the procedure for “Evaluation of Distance Learning Engineering Degree Programs in Sri Lanka for IESL Recognition”
- b. Council decided to have the Induction and Graduation Ceremony for year 2020 at BMICH according to the tradition but adhering to the Government Regulations to avoid spreading of COVID 19
- c. Council appointed a subcommittee consisting all Sectional Committee Chairmen to come up with a policy document to be followed when IESL is working with sponsors or any other organizations.

- d. Council decided to make a complaint to relevant authorities, on anonymous emails about IESL or any matters related to IESL Election or candidates.

**(11). 10<sup>th</sup> Council Meeting (part 1) on 30<sup>th</sup> July 2020**

- a. A delegation of IESL engineers met His Excellency the President Gotabaya Rajapaksa and was able to convince on the following points.
  - Sri Lanakan Engineers' inputs will be considered in all the works such as pre-feasibility, feasibility, detailed design, project implementation, and management in future project formulations. The foreign consultant will be invited only in the areas where we do not have experience and expertise.
  - Local contractors will be employed as much as possible and funding arrangements will be discussed accordingly.
  - The project will be identified from a national plan for development spanning at least for a 30-year duration.
  - More emphasis will be given in the annual budget for engineering education, research & development.
- b. Council decided not to continue with the virtual Techno exhibition as planned previously because of the uncertainty of obtaining sponsorships due to the prevailing pandemic situation.
- c. Council decided to send a letter to the Secretary to the Treasury by requesting to appoint an IESL representative to the National Planning Department.

**(12). 10<sup>th</sup> Council Meeting (part 2) on 14<sup>th</sup> August 2020**

- a. Eng. (Prof) E O E Pereira Memorial Lecture to be conducted by Eng. (Dr) S B Wijekoon on 11th September 2020.
- b. Council decided to appreciate the work done by Engineers and Students during the COVID Period.

**(13). 11<sup>th</sup> Council Meeting on 08<sup>th</sup> September 2020**

- a. Council decided to have a one full day discussion on the proposed changes to the By Laws and have a SGM to discuss on the proposed changes to the By Laws.
- b. Engineering Council of Sri Lanka (ECSL)
  - Council discussed the issues raised by Associate Members of IESL regarding the certificate issued by ECSL. It was said that according to the Act, no action can be taken on this.
  - The proposed amendments to the ECSL Act were tabled at the Council meeting.
  - Council was of the opinion that ECSL does not have right to establish progression paths
  - Council was aware that, only IESL is empowered to work out a progression path
- c. Council decided to extend the deadline of Special route to apply for the Membership of IESL, applicable to members of other foreign Institutes until 31st December 2020.
- d. Results of the Elections to the Council 2020/2021 was presented to the council by the CRO and Council decided to officially publish the complete election results on the IESL web.
- e. Council decided to remove the path "readmission" and continue with "reinstatement" and reinstate those who were "readmitted" with the same membership number without issuing a new number. Council also decided to issue a letter to the a reinstated Member informing



that during his/her membership inactive period (lapsed period), IESL does not undertake the responsibility of his/her involvement in any place as a Member of the IESL and he/she is not entitled to count the lapsed period as valid when applying for HLF and HLM status in the future. A penalty of 25% on the total outstanding subscription is applicable for the lapsed period.

- f. Council empowered President and President Elect to study the delay in conducting the PR process for Feb/March 2020 batch due to COVID 19 pandemic prevailed in the country and decide the Charter effective date so that it would not adversely affect the respective Members.
- g. Council decided to inform the Kotelawala Defence University to resubmit a fresh application for recognition of BSc Electronic & Telecommunication Degree Program offered by them in response to an appeal forwarded by the Dean - Faculty of Engineering of General Sir John Kotelawala Defence University, citing that the earlier decision of the Council was based on the situation at the time of evaluation.
- h. Council accepted the proposal of conducting General Qualifying Examinations by IESL without using the facilities of UOM.
- i. Council approved the proposal to nominate Eng. Rohan Senevirathne, AGM-Distribution division of CEB, be the resource person to conduct Eng. D. J. Wimalasurendra memorial lecture scheduled for 17th September 2020.
- j. Council appointed Eng. Arjuna Manamperi as the representative of IESL to the ICT Industry Skills Council. Appointment was for one year as per the request of ICT Skills Council.
- k. Council appointed the following committee to study and submit a report on "Sri Lanka Graduates technological Service Minute" proposed by UGC.
  - Eng. (Prof) T. M. Pallewatta (Chairman)
  - Eng. (Prof) J. P. Karunadasa
  - Eng. H. C. J. Thilakerathne

#### **(14). Special Council Meeting on 20<sup>th</sup> September 2020**

Council decided to postpone the scheduled Special General Meeting on 26th September 2020 to 18th October 2020

All Council decisions are posted on the IESL Website.

(link: [https://iesl.lk/mis/view\\_information/4](https://iesl.lk/mis/view_information/4))

#### **4. BOARD OF TRUSTEES**

Eng. (Dr.) Ananda Ranasinghe served as the Chairman of the Board of Trustees during the session. The details are provided in the Board of Trustees Report.

#### **5. BENEVOLENT FUND**

Eng. (Dr.) Ananda Ranasinghe served as the Chairman of the Board of Management of the Benevolent Fund in his ex officio capacity as the Chairman of the Board of Trustees.

The details are provided in the Board of Management of the Benevolent Fund Report.

## **6. BY LAWS REVISION COMMITTEE**

The By-Laws Revision Committee for the Session 2019/2020 comprised the following members;

- Eng. (Prof.) S B S Abayakoon – Chairman
- Eng. Priyal De Silva
- Eng. Chula De Silva
- Eng. Kosala Kamburadeniya
- Eng. Arjuna Manamperi
- Eng. A. P. R. De Silva
- Eng. P. W. Sarath
- Eng. P. Thangamayil
- Eng. (Mrs). S H Gunawardana
- Eng. Nishanka Wasalabandara
- Eng. Priyamal Samaratunge
- Eng. Manjula Samarasinghe

By-Laws Revision Committee had 4 meetings during the session. A complete revision of the existing By-Laws was initiated.

## **7. Organization of Professional Associations of Sri Lanka (OPA)**

The following were nominated by the Council to serve in the Forum of the OPA.

- Eng. (Prof.) S B S Abayakoon
- Eng. (Prof.) Dayantha Wijeyesekera
- Eng. Nihal Wijeyewickrama
- Eng. Hemal A Pieris
- Eng. Upali Jayawardena
- Eng. Neil Abeysekera
- Eng. Saliya Kaluarachchi
- Eng. Dhammika Dhramarathne
- Eng. Suran Fernando
- Eng. Manjula Samarasinghe
- Eng. Navodana Kankanamge

## **8. MEMORIAL LECTURES**

The following memorial Lectures were conducted during the Session:

- Deshabandu Vidya Jyothi Eng. (Dr.) A N S Kulasinghe Memorial Oration by Eng. Konara Wanigasekera on October 30, 2019.
- Eng B D Rampala Memorial Oration on the theme ‘Harnessing Technology to make Sri Lanka a Developed Country: Challenges & Strategy’ by Eng. Gratian A Peiris on November 14, 2019
- Eng. (Prof) R H Paul Memorial Oration on the theme ‘The Engineering Education, Training, Practice, and R&D’ by Eng.(Prof.) Sisil Kumarawadu on February 10, 2020.
- Eng. Ray Wijewardene Memorial Oration - was not held due to COVID 19 pandemic situation
- Eng. (Prof.) E O E Pereira Memorial Oration on the theme “Resolving issues in the Construction Industry – Some Thoughts” by Eng.(Dr.) S B Wijekoon on September 11, 2020.
- Eng. D J Wimalasurendra Memorial Lecture on the theme ‘Reimagining Ceylon Electricity Board for the Future’ by Eng. Rohan Seneviratne on September 17, 2020.
- Eng. (Dr.) ANS Kulasinghe memorial lecture on the “Extending some Kulasinghe innovations” by Eng. (Prof.) Priyan Dias on October 26, 2020.

## **9. INTERNATIONAL ENGINEERING ALLIANCE (IEA) AGREEMENTS AND ACCORDS**

### **(i) Washington Accord (WA)**

Review of the IESL to continue as the Washington Accord signatory for the jurisdiction of Sri Lanka for a further term of six years from 2021 is being conducted on 'Continuous Review' basis by a WA review team from,

- United Kingdom – ECUK
- China- CAST
- India - NBA

As part of this process, 4 visits have to be made by WA representatives when accreditation evaluations of degree programs are carried out by the IESL. Already 3 visits have been completed as follows and forth visit is pending.

Visit 1: to University of Peradeniya by Prof Sudhakar

Visit 2: to University of Peradeniya by Prof Yu

Visit 3: University of Moratuwa by Mr Penn

As per the negotiations, IEA Secretariat will send a representative to University of Ruhuna when next accreditation evaluation is carried out in year 2020/21 to fulfill the requirement of the 4th visit.

### **(ii) Sydney Accord**

Provisional Membership of Sydney Accord was granted to IESL on June 21, 2017. The validity period of said membership is 4 years and during this period, IESL is planning to apply for Full Membership, in late 2020 or early 2021. Upon a special invitation from the IEA, Eng. (Prof) S B S Abayakoon made a presentation titled "Sri Lanka and Sydney Accord (SA) Accreditation" representing the IESL on 24th June 2020, at the International Engineering Alliance (IEA) Annual Meeting 2020 held as a virtual meeting from 21st to 26th June 2020.

### **(iii) International Professional Engineer Agreement (IPEA)**

The panel appointed by the International Engineering Alliance (IEA) for conducting the review for extending the IPEA membership of the IESL was:

- United Kingdom – ECUK
- United States – NCEES
- Chinese Taipei – CIE

A desk review was carried out in June/July 2019 by the review panel and their report was presented at the International Alliance Meeting 2020 held online, in June 2020 by the IEA Secretariat. The recommendations of the report were unanimously approved by the members of IPEA at its meeting held on 24th June 2020 and accordingly the full membership of the IESL in IPEA was extended by 6 years until 2026.

## 10. MEMBERSHIP

MEMBERSHIP	Total as at 15.09.2019	ADDITIONS			DELETIONS				Total as 15.09.2020	Net change during the session
		Transferred	Elected	Re-instated	Transferred	Deceased	Suspended	For non-payment of Subscriptions for 2019		
FELLOWS	519	16		8		2		15	526	7
HONORARY FELLOWS	3	0						0	3	0
MEMBERS	5,100	304	1	231	16	1		389	5,230	130
ASSOCIATE MEMBERS	11,406	834	471	804	304			1,617	11,594	188
AFFILIATE MEMBERS	142	0	19	8				24	145	3
COMPANION	9	1				1		0	9	0
ASSOCIATES	35	5		1				9	32	(3)
STUDENT MEMBERS	5,180		579	647	834			2,863	2,709	(2471)
TOTAL	22,394	1,160	1,070	1,699	1,154	4		4,917	20,248	(2146)

## 11. PROFESSIONAL STANDARD & MANAGEMENT COMMITTEE

Professional Standard & Management Committee (PSMC) had held nine (09) regular meetings during the Session 2019/2020. Details of activities conducted by the PSMC during the session are given in the separate committee report.

## 12. EDUCATION COMMITTEE

The Education Committee had ten (10) meetings during the session 2019/2020. The details of the activities conducted are provided in the Education Committee report.

## 13. PROFESSIONAL AFFAIRS COMMITTEE

The Professional Affairs Committee held seven (07) meetings during the session. The details of the activities carried out during the session are indicated in the Professional Affairs Committee report.

## 14. LIBRARY & PUBLICATION COMMITTEE

The Library and Publications Committee had nine (09) meetings during the session 2019/2020. The details of the activities are provided in the Library and Publication Committee report.

## 15. CONTINUOUS PROFESSIONAL DEVELOPMENT COMMITTEE

The CPD Committee had eight (08) meetings and conducted most of their activities through the Basecamp online platform, in addition to the regular monthly meetings. Details of the courses conducted by the CPD committee during the session are given in the CPD committee report.

## **16. UNIVERSITY LIAISON COMMITTEE**

The University Liaison Committee had three (3) meetings during the Session. The participation of all Universities including Peradeniya, Moratuwa, Ruhuna, Jaffna, South Eastern and Open University were highly satisfactory.

## **17. SECTIONAL COMMITTEES**

The Sectional Committees organized lectures, seminars and technical visits. The details of their activities are provided by the respective Sectional Committees in their reports.

## **18. PROVINCIAL AND OVERSEAS CHAPTERS AND DISTRICT CENTRES**

The details of activities are provided by the respective Chapters in their reports.

## **19. JUNIOR INVENTOR OF THE YEAR (JIY)**

The details of the activities are provided in the JIY report.

## **20. YOUNG MEMBERS SECTION (YMS)**

The details of the activities are provided in the YMS report.

## **21. IESL WATER FORUM**

The events and programs conducted are provided in the Water Forum report.

## **22. NATIONAL POLICY FORUM**

The programs conducted are provided in the national Policy Forum report.

## **23. WOMEN ENGINEERS' FORUM**

The events and programs conducted are provided in the Women Engineers Forum report.

## **24. WORLD ENGINEERING DAY 2020**

IESL celebrated the World Engineering Day on 4th of March 2020 by conducting a full day seminar with the title "Sustainable Development Goals for Sri Lanka, Past, Present and Future". Experts from different engineering fields expressed their thoughts on how to achieve sustainability in Sri Lanka.

President of the IESL, Council Members, IESL Members, invitees from different engineering organizations, and institutions participated at this event.

## **25. INDUCTION AND GRADUATION CEREMONY**

The Induction and Graduation Ceremony was held at the BMICH on 2020/09/26 with Senior Prof. Sampath Amaratunge, Chairman of the University Grants Commission as the Chief Guest. The number of candidates amounting to Three Hundred & Seventeen (317), who successfully completed the Professional Review, were inducted as Chartered Engineers and Eighteen (18) students who successfully completed the IESL Engineering Course were presented with certificates. Names of respective candidates and students are listed in table 1 and 2.

The following awards related to competitions organized by the Institution were also presented to the winners at this event.

(i) **The Migara Ratnatunga Awards – 2019/2020 for University Undergraduates for their performance during Industrial Training**

Eleven (11) undergraduates were presented with a Cash Award and a Certificate, eleven (11) with certificate only. Twenty Nine (29) undergraduates were presented with a certificate for the participation (please refer table 3, 4 and 5).

(ii) **Eng. E W Karunaratna Award – 2019/2020 for the best Undergraduate Project in Electrical Engineering**

Details of the undergraduates received a Cash Award and a Certificate for the Best undergraduate project are listed in table 6 of Annex 1 and those who were presented with a certificate are listed in table 7.

(iii) **Late Eng. Nimal Chandrasena Award – 2019/2020**

Details of the award winners of the Best Papers presented by Young Members under 35 years at Yong Members' Technical Conference -2019 are given in table 8 of Annex 1.

(iv) **Late Eng. N D Peiris Memorial Award – 2019/2020**

Award for the Best 'A' Paper on Water Supply and Sanitation at the Professional Review Examinations of February / March-2019 & August / September 2019. The following member was presented with a Cash Award and a Certificate.

Award Winner - Eng. W G C Sanjeewa

(v) **Junior Inventors of the Year 2019/2020**

Details of the five (5) school children who were awarded with scholarships at the IESL Induction and Graduation ceremony 2020 are listed in table 9.

## **26. REGISTERING OF INTERNATIONAL PROFESSIONAL ENGINEERS**

The Registration Board had 5 meetings during the session. Nine (9) new International Professional Engineers were admitted during the year. International Engineering Alliance (IEA) has extended the IPEA membership of the IESL by 6 years until 2026.

## **27. ACCREDITATION OF ENGINEERING DEGREE PROGRAMMES**

- (i) Accreditation was granted for following Engineering Degree Programmes after duly completing Accreditation Evaluations conducted in accordance with the guidelines provided in the Engineering Degree Program (Four Year) Accreditation Manual.

University	Degree Programme	Accreditation Evaluation Outcome	Applicable intake years	
			From	To
University of Moratuwa	BScEng (Honours)Degree in Materials Science and Engineering	Full Accreditation	2016	2020
	BScEng (Honours)Degree in Mechanical Engineering	Conditional Accreditation	2018	2019
University of Peradeniya	BScEng Degree in Civil Engineering	Full Accreditation	2016	2020
	BScEng Degree in Production Engineering	Full Accreditation	2015	2016
	BScEng Degree in Manufacturing & Industrial Engineering	Full Accreditation	2017	2019
University of Ruhuna	BSc Eng Degree in Civil and Environmental Engineering	Full Accreditation	2021	2025

- (ii) Accreditation was declined for the three degree programmes, Bachelor of Technology Degree Programme in Building Services Technology / Bachelor of Technology Degree Programme in Manufacturing Technology/ Bachelor of Technology Degree Programme in Mechatronics Technology at University of Vocational Technology for the intake years from 2015 onwards (including 2015)
- (iii) Updating of Accreditation Manual for Engineering Degree Programmes published in March 2014 is in progress.
- (iii) Three Accreditation related training programmes for Academics of Higher Educational Institutes, Accreditation Evaluators and Train-the-Trainers were conducted from 27th to 30th January 2020. Resource person was Prof. Julia Lamborn, Monash University, Australia.
- (iv) Formulating a Hybrid Mechanism (Combination of Online and visiting) to conduct Accreditation Evaluation due to restrictions for travelling of international evaluators representing Washington Accord to Sri Lanka due to COVID 19 Pandemic situation in the country.

## **28. PARTICIPATION AT INTERNATIONAL EVENTS**

Eng. (Prof.) S B S Abayakoon, President participated in the World Engineers Convention (WEC) 2019, "Engineering a Sustainable World: the next 100 years" held from 20 – 22 November 2019 in Melbourne, Australia. Upon a special invitation from Dr. Marlene Kanga, President- World Federation of Engineering Organizations, Eng. (Prof) S B S Abayakoon presented a paper on " Boxing Day Earthquake of 2004 – Impact on Sri Lanka".

## **29. IESL COLLEGE OF ENGINEERING**

The Council appointed the following members to the Board of Directors of the College for the Session 2019/2020:

- Eng. Granie Jayalath Vice President, IESL
- Eng. (Dr) Kamal Laksiri Vice President, IESL
- Eng. Kosala Kamburadeniya Vice President, IESL

The following served as the Ex-officio Members of the Board of Directors for the Session 2019/2020.

- Eng. (Prof.) S B S Abayakoon President as Chairman
- Eng.(Prof.) T M Pallewatta Immediate Past President, IESL
- Eng. K P I U Dharmapala President-Elect, IESL
- Eng. Neil Abeysekera CEO/Executive Secretary as CEO/Director General

## **30. NOMINATIONS TO OUTSIDE BODIES**

Details of the members nominated by the Council at the request of various Ministries and State Sector organizations to serve in the Governing Boards and Committees are listed in table 10.

## **31. UNVEILING OF THE PHOTOGRAPH OF THE IMMEDIATE PAST PRESIDENT**

The photograph of the Immediate Past President - Eng. (Prof.) T M Pallewatta was unveiled at the Council Chamber of the IESL Secretariat during a ceremony held on July 30, 2020.

## **32. OBITUARIES**

The Council records with deep regret the passing away of the following members brought to its notice during the Session 2019/2020.

- Eng. E M G De Zylva
- Eng. D R N Ferdinando
- Eng.(Dr.) M S Perera
- Eng. (Ms) Ayomi Thilakaretne
- Eng. (Prof) D C H Senarath
- Eng. T R Cooray

## **33. MEMBERSHIP INFORMATION SYSTEM**

A custom made software solution built on open source development framework was introduced as a web based “Management Information System (MIS)” automating member related process for the purpose of providing provide an efficient and user friendly services for IESL members and to facilitate staff of IESL secretariat to perform their tasks precisely and timely.

As open source tools are used, no licensing or any other hidden costs are involved for expanding the capacity system, except the charges for the developers for extending the scope. Accordingly, the system has the capacity for accommodating unlimited number of members as long as the hardware system capacity meets the processing requirement. At present system is hosted on “Amazon Web Services“, that provides hardware on “Pay as you grow “ basis. Hence the system limitation will not exist for next 4-5 years, with the possible growth of membership base.

1. Phase 01 - Corporate website + Membership, Finance, Publications and IT modules
2. Phase 02 - Techno and CEO Office modules
3. Phase 03 - Education modules and Mobile application



Accordingly, the first version (V1.0.0 - alpha) was released for the test run on 17th January 2019 for a selected list of members. After the successful completion of the test run, all user comments were accommodated and identified gaps were filled. All existing data were migrated in several steps. Then, Phase 01 live version (V1.0.0 - beta) was released on 17th May 2019 for 21000+ members. This includes membership module, publications module, finance module, IT module and temporary CPD module.

After the initial system was launched, the following modules have been released with the passage of the time.

1. Techno module
2. CEO Office module
3. Degree evaluation process under Education module
4. Examination process under Education module

At present, the system accommodates 29000+ member profile records including that of Students. New MIS has been up and running smoothly since the day one it was launched. Members and staff of IESL have gradually aligned to and they are now well familiar with the new system. As usual for many software applications, a few bugs were also identified but have been fixed and number of updates has been released from time to time. The recent version in production is V2.2.1.

Two more releases are pending as CPD new process under Education module and release of Mobile application for Android and IOS.

The overall project progress is shown in the following table.

Phase /Modules	Status
Phase 01 – Corporate Website , Membership , Finance , IT , Publications	Completed
Phase 02 - Techno Release	Completed
Phase 03 - Examinations	Completed
Phase 03- Live Release - Degree evaluation & Examinations	Completed
Phase 03- Mobile App release	30th October 2020
Phase 03- Live release - CPD new module and CEO Office module	15th November 2020
Project Closure	30th November 2020

This maintenance is covered under Annual Maintenance Contract for a five year (05) out of which the service for the first year is offered free of charge.

The key benefits realized from this project include,

- Ability for candidates to apply for various membership categories online
- Facilitating applicants to view the status of their applications
- Provisions to make all related payments pertaining to membership and other services offered by the IESL, online
- Enabling Applicants and Members to check/download the essential certificates they had uploaded in their respective profiles in subsequent stages
- Ability for Associate Members to update the training Log Book online, an essential requirement for Professional Review process

- Facilitating members to register for the examinations online
- Provision to accommodate any number of Members including Students (no number restriction)

### **34. ACTIVITIES DONE TO MITIGATE THE COVID -19 IMPACT TO THE COUNTRY AND PEOPLE**

IESL implemented various activities through Sectional Committees, Provincial Chapters, Engineering Faculties and Groups of engineers to mitigate the impact of COVID-19. During this process, IESL Members worked very closely with health authorities and other institutions/professionals, sometimes even risking their lives.

Details of the activities and programs conducted are provided in the 'Activities done to Mitigate COVID-19 Impact' report.

### **35. STAFF MOVEMENTS AT THE SECRETARIAT**

#### **a. New Appointments**

- Ms. Aneesha Boteju as Management Assistant from November 14, 2019
- Ms. Thamali Atapattu as Management Assistant from November 14, 2019
- Ms. Chamali Liyanage as Management Assistant from November 14, 2019
- Mr. O P D Lakshan as Management Assistant from November 14, 2019
- Mr. Gihantha Dullewa as Management Assistant from November 14, 2019

#### **b. Resignations/ Retirements/ Ends of Contract**

- Ms. Chamali Liyanage as Management Assistant from June 16, 2020
- Mr. Prasantha Gamage as the Manager (Events Planning) from August 2020 (deceased)

### **36. ELECTIONS TO THE COUNCIL FOR THE SESSION 2020/2021**

The following were the Returning Officers for the elections for the Session 2020/2021

- Eng. (Rear Admiral) K W A R I Ranasinghe - Chief Returning Officer
- Eng. (Prof) J.P. Karunadasa – Assistant Returning Officer
- Eng. Chulani Perera - Assistant Returning Officer
- Eng. Kusum Priyananda – Assistant Returning Officer

Eng. K P I U Dharmapala will be the President for the Session 2020/2021, having been elected as the President-Elect at the Elections held for the Session 2019/2020.

Receipt of nominations for the Elections to the Council for the Session 2020/2021 was closed on July 13, 2020.

The following have been elected uncontested:

- |   |                            |
|---|----------------------------|
| Chairman – Building Services Eng. Sect. Comm.               | - Eng. N A P S K Narangoda |
| Chairman, Electrical, Electronic & Telecom Eng. Sect. Comm. | - Eng. M R Ranatunga       |
| Chairman – IT & Computer Eng. Sect. Comm.                   | - Eng. M P D Lathsara      |

The following three (3) Fellows will continue in the Council till the end of their terms of office representing Class of Fellows.

- Eng. (Mrs.) Shyama Gunawardene
- Eng. Dhammika Dharmaratne
- Eng. Prabodha Jinasena

The following five (5) Members will continue in the Council till the end of their terms of office representing the Class of Members.

- Eng. (Prof.) J P Karunadasa (Above 40 yrs)
- Eng. P Chulani Perera (Above 40 yrs)
- Eng. E G Kusum Priyananda (Above 40 yrs)
- Eng. Dimuthu Lakmal (Below 40 yrs)
- Eng. Navodana Kankanamge (Below 40 yrs)

The Election was held for the following posts:

President-Elect

Past President

Vice Presidents

Honorary Secretary

Honorary Treasurer

Chairman – Agricultural & Plantation Eng. Sect. Committee

Chairman – Chemical & Process Eng. Sect. Committee

Chairman – Civil Eng. Sect. Committee

Chairman - Mechanical Eng. Sect. Committee

Representatives – Fellows

Representatives – Members (Above-40)

Representatives - Members (Below-40)

Voting (both Paper & Electronic) for Elections to the Council 2020/2021 commenced on the 7th August 2020 with the posting of election material, and was closed with the sealing of the ballot box on 4th September 2020 at 2.00 p.m. The counting commenced at 9.00 am on 5th September 2020.

Following members have been elected to the respective posts.

No	Post	Name of Elected Member/s
1	President Elect	Eng. Arjuna Manamperi
2	Past President	Eng.(Prof.) T M Pallewatta
3	Vice Presidents	Eng. (Prof.) Ranjith Dissanayake
		Eng. Granie Jayalath
		Eng. P W Sarath
4	Honorary Secretary	Eng. Mangala Silva
5	Honorary Treasurer	Eng. H C J Thilakarathne
6	Chairman – Agricultural & Plantation Eng. Sect. Committee	Eng. M G Hemachandra
7	Chairman – Chemical & Process Eng. Sect. Committee	Eng. Tissa Liyanage
8	Chairman – Civil Eng. Sect. Committee	Eng. Lalith Pallegama

9	Chairman - Mechanical Eng. Sect. Committee	Eng. Lasantha Ekanayaka
10	Representatives – Fellows	Eng. A P Ranjith De Silva
		Eng.(Mrs) Kamala Gunawardena
		Eng. (Dr.) Udeni Nawagamuwa
11	Representatives – Members (Above 40)	Eng. Suran Fernando
		Eng. Jude Kurera
12	Representatives – Members (Below 40)	Eng. Damith Dissanayaka
		Eng. Janaka Gamachchige
		Eng. Dayan Herath

The detailed results of the election are shown in table 11.

### **37. TECHNO 2020**

The Techno 2020 exhibition was not held.

### **38. ANNUAL SESSIONS 2020**

Mr. Lionel Fernando, former Governor of North Eastern Province has been invited as the Chief Guest for the ceremonial inauguration of the 114th Annual Sessions, scheduled to be held on October 23, 2020 at the BMICH. Eng. (Prof) K K C K Perera, Secretary to Ministry of Education is invited to be the Guest of Honor.

- a. The following awards will be presented at the event:
  - (i) **Prof. E O E Pereira Award** for the Best Paper presented at the Annual Sessions 2019 by a Member, titled “Parameter Identification for Design of an Automatic Load-Frequency Control (ALFC) Scheme for Sri Lankan Power system” to **Eng. G.Kishokumar, Eng. E N K Kudahewa and Eng. (Dr.) Asanka Rodrigo.S**
  - (ii) The IESL Award for the Best Paper by a Corporate Member published in the ‘Engineer’ Journal during the Session 2019/2020, by: Eng. G.S.R. Costa and Eng. D.D. Ananda Namal for their paper titled “Analysis of Energy Efficiency of Domestic Refrigerators”. Being Corporate Members, The IESL Award was presented to **Eng. G.S.R. Costa and Eng. D.D. Ananda Namal.**
  - (iii) **SD&CC Award** for the best paper by an Associate Member published in the ‘Engineer’ Journal during the Session 2019/2020 by Eng. T. Chenthan, Eng. (Ms.) S. Sharuja and Eng. (Dr.) M.C.M Nasvi for their paper titled “Correlation among Index Properties, Strength and Compressibility Parameters of PeatSoils in Muthurajawela Region of Sri Lanka”. Being Associate members, the SD & CC Award 2020 was presented to **Eng. T. Chenthan, Eng. (Ms.) S. Sharuja and Eng. (Dr.) M.C.M Nasvi**
- b. Honorary Life Membership is awarded to Fellows and Members who are above 60 years of age and have completed 40 years of continuous membership as at 2020/10/23.

**(i) Honorary Life Fellows**

No	Name	Membership No
1	Prof. M Munasinghe	F-477
2	Eng. A Suntharalingam	F-523
3	Eng. N A Wijeyewickrema	F-778
4	Eng. H C M Fonseka	F-877
5	Eng. (Ms.) Sumana Witharana	F-820
6	Eng. M Supiramaniam	F-487
7	Eng. S H J Weerasuriya	F-814

No	Name	Membership No
8	Eng. L N Abeyesekera	F-616
9	Eng. S G Dias	F-786
10	Eng. (Prof.) W Priyan S Dias	F-721
11	Eng. A H C Silva	F-808
12	Eng. K L L Premanath	F-793
13	Eng. (Prof.) S A S Perera	F-844
14	Eng. S Panchacharavel	F-494

**(ii) Honorary Life Members**

No	Name	Membership No
1	Eng. W Mahes Rajaratne	M-1386
2	Eng. G C Hapuarachchi	M-2165
3	Eng. L H A R De Silva	M-2282
4	Eng. M C A Rahuman	M-1761
5	Eng. K Nihal Dharmasiri Perera	M-1730
6	Eng. (Ms.) G C Padmasiri	M-1120
7	Eng. R J M L K Jayasinghe	M-1560
8	Eng. B V D S Jayantikumara	M-1716
9	Eng. A M P K Bandara	M-2191
10	Eng. J R Wickramasinghe	M-2661
11	Eng. R A S L Ranasinghe	M-6172
12	Eng. H L Kirtisinghe	M-3466
13	Eng. D A W N Ratnasekera	M-1290
14	Eng. K J E Fernando	M-2572
15	Eng. M A A N Jayasumana	M-3431
16	Eng. J Hettiarachchi	M-2593

No	Name	Membership No
17	Eng. M V S A K Perera	M-2771
18	Eng. (Ms.) M H N C S Jayasuriya	M-1123
19	Eng. G E B Fernando	M-1253
20	Eng. M H W Athula Perera	M-1499
21	Eng. S W H S Fernando	M-1005
22	Eng. S C Hewapathirana	M-1004
23	Eng. A K Kumarasena	M-1370
24	Eng. A D Gnanaratna	M-1009
25	Eng. S K Weerasena	M-1263
26	Eng. Sarath Dayantha Amarasinghe	M-1055
27	Eng. V S Nagodavithane	M-1058
28	Eng. P D C Perera	M-1581
29	Eng. P J N Peiris	M-2185
30	Eng. W A C L Seram	M-2030
31	Eng. S Bogahawatte	M-3014

**(iii) Following Corporate Members who have been elected as Fellows were awarded certificates**

No	Name with Initials	Membership No
1	Eng. (Mrs.) T.D. Pitagampola	F-1091
2	Eng. T.R.J. Fernando	F-1092
3	Eng. Y.A.P. Perera	F-1093
4	Eng. (Mrs.) J. Sivakumar	F-1094
5	Eng. M.N.C. Samarawickrama	F-1095
6	Eng. M.L. Weeratunga	F-1096
7	Eng. D.S.K.G. Anura	F-1097
8	Eng. A.L. Hettiarachchi	F-1098

No	Name with Initials	Membership No
9	Eng. P.S.S. Vithanage	F-1099
10	Eng. (Ms.) P.M.P. Wijeratne	F-1100
11	Eng. M.G. Hemachandra	F-1101
12	Eng. C.N. Dalugoda	F-1102
13	Eng. K.L.S. Sahabandu	F-1103
14	Eng. A. Sellaheva	F-1104
15	Eng. R. Ganeshwaran	F-1105
16	Eng. (Prof.) K.M. Liyanage	F-1106

**(iv) Following Corporate Members who have been registered as International Professional Engineers were awarded certificates**

No	Name with Initials	Membership No
1	Eng. W J P Fernando	IntPE – 127
2	Eng. R S K Thrimavithana	IntPE – 128
3	Eng. H G W Panditha	IntPE – 129
4	Eng. K S Mangala Silva	IntPE – 130
5	Eng. A Gunalathas	IntPE – 131

No	Name with Initials	Membership No
6	Eng. Mrs. Kamala Gunawardena	IntPE – 132
7	Eng. H D B P Herath	IntPE – 133
8	Eng. M P G Silva	IntPE – 134
9	Eng. U D S V Gunaratne	IntPE – 135

**39. IESL STAFF GET TOGETHER**

IESL Staff Get together – a social event to promote interaction and goodwill among the secretariat staff was held in the month of February 2020 at Hotel Avani, Bentota with the participation of Secretariat staff.

**40. ACKNOWLEDGEMENT**

The Council expresses its gratitude to the Board of Trustees, all members who served on Committees and the Provincial Chapters, District Centers and Overseas Chapters and also all the others who assisted the Council in numerous ways in conducting the Institution's activities. The Council also notes with appreciation the services rendered by the Chief Executive Officer/ Executive Secretary and the Staff of the Secretariat during the Session.

\* \* \* \* \*

**Table 1: List of candidates inducted as Chartered Engineers in year 2019/2020**

S.No	Name	Membership No
1	Eng. M I S Ameer	M-8140
2	Eng. Aruna Salwatura	M-8141
3	Eng. S A C R De Silva	M-8142
4	Eng. L M Harsha De Silva	M-8144
5	Eng. S G Jayasinghe	M-8145
6	Eng. N Lohis	M-8146
7	Eng. P Achchuthan	M-8147
8	Eng. W S R Perera	M-8148
9	Eng. R P Tharanga	M-8149
10	Eng. I M S P Sumanadasa	M-8150
11	Eng. L D W Vithanage	M-8151
12	Eng. M Rutharshan	M-8152
13	Eng. H P S Srilal	M-8153
14	Eng. S K D M Silva	M-8154
15	Eng. C K S Handagala	M-8155
16	Eng. I L Mohamed Sabri	M-8156
17	Eng.(Ms.) M P D K Peiris	M-8157
18	Eng. T D Lokuliyana	M-8158
19	Eng. M S Jayalath	M-8159
20	Eng. D M B T B Dissanayake	M-8160
21	Eng. M M Minas	M-8161
22	Eng. I V Y R Wijesena	M-8162
23	Eng.(Ms.) M M D D Kumari	M-8163
24	Eng. S S K Gamage	M-8164
25	Eng. L G A Liyanage	M-8165
26	Eng. A M K R Suraweera	M-8166
27	Eng. M D M I N Dissanayaka	M-8167
28	Eng. D B S De Silva	M-8168
29	Eng. H M J S Bandara	M-8169
30	Eng. I Wanigasinghe	M-8170
31	Eng. W M K S Maduragoda	M-8171
32	Eng. T M S S Siripala	M-8172
33	Eng. T M S H Weerawardhana	M-8173
34	Eng. A Rajeskanna	M-8174
35	Eng. J H V G T N S Jayawardana	M-8175
36	Eng. A N Jayamal	M-8176
37	Eng. R M P A Thilakarathne	M-8177
38	Eng. E G C B Kumara	M-8178
39	Eng.(Ms.) R.M.N.S. Chamilani	M-8179
40	Eng. N L A Pushpakumara	M-8180
41	Eng.(Ms.) K D Nishanthi	M-8181
42	Eng. K S A U Pushpakumara	M-8182

S.No	Name	Membership No
43	Eng.(Ms)MID Muthukumarana	M-8183
44	Eng. S V R Deshapriya	M-8184
45	Eng. W M T Weerakoon	M-8185
46	Eng.(Ms.) T N Molagoda	M-8186
47	Eng. T P G U Alwis	M-8187
48	Eng. K M K G Karunarathna	M-8188
49	Eng. K Kunanesan	M-8189
50	Eng. G L Manorathna	M-8190
51	Eng. J M C K B Jayasinghe	M-8191
52	Eng. K H T D Gnanendra	M-8192
53	Eng. W G C Sanjeewa	M-8193
54	Eng. H A D C Dilruk	M-8194
55	Eng. R S B R Appuhami	M-8195
56	Eng.(Ms.) V Nanthini	M-8196
57	Eng. M J M Nusry	M-8197
58	Eng. T Thavendra	M-8198
59	Eng. R M A R Bandara	M-8199
60	Eng. M F A Najah	M-8200
61	Eng. S P Warnapura	M-8201
62	Eng. S M L R S K Sandanayake	M-8202
63	Eng.(Ms.) P G T Prasadika	M-8203
64	Eng. R P D S Kumara	M-8204
65	Eng. R A S Prabath	M-8205
66	Eng. W K J Chamara	M-8206
67	Eng. C S Punchihewa	M-8207
68	Eng. E A L Edirisinghe	M-8208
69	Eng. M M M Munas	M-8209
70	Eng.(Ms.) M G Lalitha	M-8210
71	Eng. E M N Salamon	M-8211
72	Eng. P V N Shashimal	M-8212
73	Eng.(Ms.) M K Madawala	M-8213
74	Eng. W V D C G Vithana	M-8214
75	Eng. P C S Gamachchige	M-8215
76	Eng.(Ms.) M D V Fernando	M-8216
77	Eng. S A K P Samarasinghe	M-8217
78	Eng. D Sooriyagoda	M-8218
79	Eng. M W B K Wickramagedara	M-8219
80	Eng. P Sri Puveehan	M-8220
81	Eng. E H P C Ekanayake	M-8221
82	Eng. J A S A Jayasinghe	M-8222
83	Eng. R Y Wijeratne	M-8223
84	Eng. A Pathmanathan	M-8224

S.No	Name	Membership No
85	Eng. D R D Dunusinghe	M-8225
86	Eng. E B Bogahakumbura	M-8226
87	Eng. K J Lakmewan	M-8227
88	Eng. G W I M Gunathilaka	M-8228
89	Eng. W W S M Mendis	M-8229
90	Eng.(Ms.) U M Amarasekara	M-8230
91	Eng.(Ms.) N K Sooriyaarachchi	M-8231
92	Eng. G D I Shantha	M-8232
93	Eng. D H Ranasinghe	M-8233
94	Eng. V Thivagar	M-8234
95	Eng.(Ms.) R W G K Indunil	M-8235
96	Eng. N L S Dayanga	M-8236
97	Eng. M A A D Dias	M-8237
98	Eng. J Thileepan	M-8238
99	Eng. K A M N Pathirathne	M-8239
100	Eng. G M Karunanayake	M-8240
101	Eng. T T S Perera	M-8241
102	Eng. L A A N Perera	M-8242
103	Eng. M H I M Aththanayake	M-8243
104	Eng. S G K Wimalasena	M-8244
105	Eng. S N Wijethunga	M-8245
106	Eng. R A C H Ratnayake	M-8246
107	Eng. U I Gamage	M-8247
108	Eng. S N Jayasinghe	M-8248
109	Eng. M Chanaka	M-8249
110	Eng. S L Weragoda	M-8250
111	Eng. D M U J Dassanayake	M-8251
112	Eng. J S U Jayalath	M-8252
113	Eng. O G P R P R Hungampola	M-8253
114	Eng. L H L Lilantha	M-8254
115	Eng. A P A Perera	M-8273
116	Eng.(Ms.) D Cowzini	M-8274
117	Eng. P G C Diliruwan	M-8275
118	Eng. H B M K Dematagolla	M-8276
119	Eng. M S Hewa Bettage	M-8277
120	Eng. L L R R Loku Liyanage	M-8278
121	Eng. M A T Damayanthi	M-8279
122	Eng. U Vyravanathan	M-8280
123	Eng. H K M Gunasekara	M-8281
124	Eng. R H L Ranasinghe	M-8282
125	Eng. W G S Kokila	M-8283
126	Eng. H A D D S Priyadarshana	M-8284

S.No	Name	Membership No
127	Eng. J M R D Jayasuriya	M-8285
128	Eng.(Ms.) U N K Samarasinghe	M-8286
129	Eng. W A V L N Prasad	M-8287
130	Eng. P M K P Gunawardhana	M-8288
131	Eng. O.U.A. Pathirathna	M-8289
132	Eng. A R S Edirisinghe	M-8290
133	Eng. D Kodithuwakku	M-8189
134	Eng. K M J Amarawansa	M-8190
135	Eng.(Ms.) A S Mathangaweera	M-8191
136	Eng.(Mrs.) H M N S Kumari	M-8192
137	Eng.(Mrs.) M A P Perera	M-8193
138	Eng(Ms)WSC Wickramarachchi	M-8194
139	Eng.(Mrs.) S Vinothini	M-8195
140	Eng. V G N Chaminda	M-8196
141	Eng. A T L P Samarasinghe	M-8197
142	Eng.(Ms.) K K T Upekshika	M-8198
143	Eng. R J R Senadheera	M-8199
144	Eng. S T D Thiwanka	M-8200
145	Eng.(Ms.) W M R C A Wijekoon	M-8201
146	Eng. S K Alahakoon	M-8202
147	Eng. M R Wijetunga	M-8203
148	Eng. KDMAD Samaradiwakara	M-8204
149	Eng. S A I J Rodrigo	M-8205
150	Eng. K L D D R K Liyanage	M-8206
151	Eng. A K Vithanachchi	M-8291
152	CEng. W A M L Wasala	M-8296
153	CEng. K H N A Jayasekara	M-8297
154	Eng. P S Panditharathna	M-8309
155	Eng.(Mrs.) K P A Nishadi	M-8310
156	Eng. D M D S Senevirathne	M-8311
157	Eng. A K H S Abeysinghe	M-8312
158	Eng. D M M P Dissanayake	M-8313
159	Eng. K G K Ravi Nishantha	M-8314
160	Eng. D T Rupasinghe	M-8315
161	Eng. S Ragunathan	M-8316
162	Eng. M C Riyas	M-8317
163	Eng. W J H Jayasundara	M-8320
164	Eng. S L Soysa	M-8321
165	Eng. S S Hennayake	M-8322
166	Eng. K K S Kandage	M-8323
167	Eng. K M S R Kumara	M-8324
168	Eng. R S L R Senarathna	M-8325



S.No	Name	Membership No
169	Eng. R A Wijayapriya	M-8326
170	Eng. L A T U Liyanaarachchi	M-8327
171	Eng. H I P De Silva	M-8328
172	Eng. E L A C Jayawardana	M-8329
173	Eng. K P J S Kumara	M-8330
174	Eng. R M C P S Jayathilaka	M-8331
175	Eng. E L A I Jayawardene	M-8332
176	Eng. R D R Wickramarathna	M-8333
177	Eng. C S N Liyanage	M-8334
178	Eng. M M P Cooray	M-8335
179	Eng. G P W Perera	M-8336
180	Eng. A D N C Madushanka	M-8337
181	Eng. G D S P Jayawardane	M-8338
182	Eng. P T P Jayathunga	M-8339
183	Eng.(Mrs.) S Thanuja	M-8340
184	Eng.(Mrs)WCHK Gunawardana	M-8341
185	Eng. S M C J B Samarakoon	M-8342
186	Eng. P R S Amarasekara	M-8343
187	Eng. V H S Vidanapathirana	M-8344
188	Eng. N N Gobidan	M-8345
189	Eng. M R Udaya	M-8346
190	Eng. M R M Rihan	M-8347
191	Eng. J M C G Jayasinghe	M-8348
192	Eng. S Satheskumar	M-8349
193	Eng. V Sivagumar	M-8350
194	Eng. H G M S Edirisinghe	M-8351
195	Eng. D I Prabashana	M-8352
196	Eng. P A P S Jayaweera	M-8353
197	Eng. D S Prasad	M-8354
198	Eng. W M W G D S Wasala	M-8355
199	Eng. S K D C P Koorala	M-8356
200	Eng. M D J P Wickramasooriya	M-8357
201	Eng. C Thuvaragan	M-8358
202	Eng. S G P M Hemachandra	M-8359
203	Eng K A D Anura	M-8360
204	Eng. A L R Niranjana	M-8361
205	Eng.(Ms) RDNR Wickramasena	M-8362
206	Eng.(Ms.) W S M Perera	M-8363
207	Eng. B A S Saranga	M-8364
208	Eng. R Arjunna	M-8365
209	Eng. S Santhiramohan	M-8366
210	Eng. Vedanayagam Mernan	M-8367

S.No	Name	Membership No
211	Eng.(Mrs.) Y A L Yahampath	M-8368
212	Eng. N C Liyanage	M-8369
213	Eng. A R M D N B Ranasinghe	M-8370
214	Eng. P Ravikumar	M-8371
215	Eng.(Ms.) N K Wickramarathna	M-8372
216	Eng.(Ms) A M M P K Abesingha	M-8373
217	Eng. K G S Heshan	M-8374
218	Eng. A A C Mendis	M-8375
219	Eng. K P M Krishan	M-8376
220	Eng.(Ms.) H M Thalagala	M-8377
221	Eng. A G S Saranga	M-8378
222	Eng. M D Sahardeen	M-8379
223	Eng. H T T Viraj	M-8380
224	Eng.(Ms.) H D S Lakmali	M-8381
225	Eng.(Dr.) T S A Gunawardena	M-8382
226	Eng. J G D S De Silva	M-8383
227	Eng. C K S Perera	M-8384
228	Eng. S K L B Prasad	M-8385
229	Eng. M U M D B Mannauthum	M-8386
230	Eng. B Subankan	M-8387
231	Eng. M D R K Karunarathne	M-8388
232	Eng.(Ms.) DAMR Weerasekara	M-8389
233	Eng. R S Ranjitha	M-8390
234	Eng. H P C S Manchanayake	M-8391
235	Eng. M P M Fernando	M-8392
236	Eng. I G C Harshana	M-8393
237	Eng. V G R G Jayawardane	M-8394
238	Eng. G V D Kumara	M-8395
239	Eng. W P Kosala	M-8396
240	Eng. H L R Gunawardana	M-8397
241	Eng. V C Chandradasa	M-8398
242	Eng. V P R Ariyadasa	M-8399
243	Eng. W A R P Perera	M-8400
244	Eng.(Ms.) V Nilojan	M-8401
245	Eng. K A B S Abeyrathne	M-8402
246	Eng. G Kishokumar	M-8403
247	Eng.(Ms.) S Rishanthi	M-8404
248	Eng. T R Ismail	M-8405
249	Eng. M Sathan	M-8406
250	Eng. W M G B Wickramasinghe	M-8407
251	Eng. C M Jayasinghe	M-8408
252	Eng. W D M D R K Gunarathna	M-8409

S.No	Name	Membership No
253	Eng. A Sivatheepan	M-8410
254	Eng. P M R N Ekanayake	M-8411
255	Eng. G Amila Nirmana Perera	M-8412
256	Eng. T Kopiram	M-8413
257	Eng. M G S P Kumara	M-8414
258	Eng. K M M Hikam	M-8415
259	Eng. H M K S Marambage	M-8416
260	Eng.(Ms.) S S P Sandamini	M-8417
261	Eng.(Ms) HDNB Premachandra	M-8418
262	Eng. S Manthridana	M-8419
263	Eng.(Ms.) K A D M Apekshini	M-8420
264	Eng. T S J B Fernando	M-8421
265	Eng.(Ms.) T D Nirmalie	M-8422
266	Eng. K M G L N Dharmadasa	M-8423
267	Eng.(Mrs.) A H Ariyasinghe	M-8424
268	Eng.(Ms.) K G Lakmali	M-8425
269	Eng. P N P Peiris	M-8426
270	Eng.(Mrs.) K P V D K M Perera	M-8427
271	Eng. C N Wijesinghe	M-8428
272	Eng. J M H Gayan Jayasundara	M-8429
273	Eng. K G T D Chathuranga	M-8430
274	Eng. H C M Herath	M-8431
275	Eng. W M V Weerasekara	M-8432
276	Eng. D L D A Lakshitha	M-8433
277	Eng. K L S S Chandrasiri	M-8434
278	Eng. T S Bandaranayake	M-8435
279	Eng.(Ms.) R N P Karunaratne	M-8436
280	Eng. W G G A T C Dias	M-8437
281	Eng. A Arulrasa	M-8438
282	Eng. P M L K Bandara	M-8439
283	Eng. P W H K T B Dayarathna	M-8440
284	Eng. S G Dissanayake	M-8441
285	Eng. A M G B Alahakoon	M-8442
286	Eng. S M S Kulatunga	M-8443
287	Eng. W A T P Senevirathna	M-8444
288	Eng. R N P Rajapaksha	M-8445
289	Eng. R K A G Rathnayaka	M-8446
290	Eng. G K J Perera	M-8447
291	Eng. A M G R Attanayake	M-8448
292	Eng. G A R Premarathna	M-8449
293	Eng.(Ms.) M A R Madhuwanthi	M-8450

S.No	Name	Membership No
294	Eng. A M A J Abeywardana	M-8451
295	Eng.(Mrs.) J H M A Rathnayake	M-8452
296	Eng. H M Hilmi	M-8453
297	Eng.(Ms.) AMN Chandrasekara	M-8454
298	Eng. A L C M Ambegoda	M-8455
299	Eng. J Shiyam Sathiyajith	M-8456
300	Eng. N P C Kumarasinghe	M-8457
301	Eng. E M K B Ekanayake	M-8458
302	Eng. W K A S Rupawansa	M-8459
303	Eng. S.K. Liyanage	M-8460
304	Eng. K. Nilaksan	M-8461
305	Eng. T.M.M. Imran	M-8462
306	Eng. K.A. Udukumbura	M-8463
307	Eng. (Ms.) P.W. Munasinghe	M-8464
308	Eng. N.V.H.S.K. Vithanage	M-8465
309	Eng. A.K.S. De Alwis	M-8466
310	Eng.(Ms.) G.W.D.P. De Silva	M-8467
311	Eng. (Ms.) WASM. Gunasekara	M-8468
312	Eng. S.J. Paarathasaarathy	M-8469
313	Eng. K. Muruganantham	M-8470
314	Eng. K.C.M. Wanigasinghe	M-8471
315	Eng. R.M.M. R. Rathnayake	M-8472
316	Eng. K.A.M.S. Rodrigo	M-8473
317	Eng.(Ms.) HHSS.Premachandra	M-8474

**Table 2: List of students completed IESL Engineering Course in year 2019/2020**

Mr. S Srisiva	Civil Engineering
Mr. K Mathumenan	Civil Engineering
Ms. K T P De Silva	Civil Engineering
Ms. D D M S Weerasinghe	Civil Engineering
Mr. V S Nethisinghe	Civil Engineering
Mr. S H Mohamed Thowfeek	Civil Engineering
Mr. M H Mohamed Rizvi	Civil Engineering
Mr. W A M K B Karunarathna	Mechanical Engineering
Mr. W M C W D Bandara	Mechanical Engineering
Mr. T K M Abeysekara	Mechanical Engineering
Mr. K K N Thilakaratne	Electrical Engineering
Mr. C P Mallawa Arachchi	Electrical Engineering
Mr. K K A Dinesh Kumara	Electrical Engineering
Mr. K A S Sarath Kumara	Electronics, Communications & Computer Engineering
Ms. B K L T Thushari	Electronics, Communications & Computer Engineering
Ms. H W Shyamalee	Electronics, Communications & Computer Engineering
Ms. N I U P Abeygunawardene	Electronics, Communications & Computer Engineering
Ms. W T C Alwis	Electronics, Communications & Computer Engineering

**Table 3: Migara Ratnatunga Award (Category A) – List of awardees presented with Cash award and Certificate**

Category	Name	University
Civil Engineering	Miss. H H N D Haggalla	University of Moratuwa
Mechanical Engineering	Mr. K M G L Dilshan	University of Moratuwa
Mechanical & Manufacturing Eng.	Mr. W M H S Bandara	University of Ruhuna
Mechanical Engineering	Mr. H K K K Madhumal	University of Peradeniya
Mechanical Engineering	Mr. P T Edirisinghe	University of Peradeniya
Computer Science Engineering	Miss. D A D P Senarath	University of Moratuwa
Computer Science Engineering	Mr. B Gunavaran	University of Moratuwa
Computer Science Engineering	Miss. R T Dinushika	University of Moratuwa
Computer Engineering	Mr. R C Medawatte	University of Peradeniya
Computer Engineering	Mr. S Suren	University of Peradeniya
Computer Engineering	Miss. T. Thirilojanan	University of Jaffna

**Table 4: Migara Ratnatunga Award (Category B)- List of awardees presented with a Certificate**

Category	Name	University
Civil Engineering	Miss. M A I A Moragoda	University of Peradeniya
Civil Engineering	Mr. R M A G B Rathnayake	University of Moratuwa
Electronic & Telecommunication Eng.	Mr. P B M Silva	University of Moratuwa
Electrical & Information Eng.	Mr. O I Dissanayake	University of Ruhuna
Electronic & Telecommunication Eng.	Mr. K U S Perera	University of Moratuwa
Electrical & Information Eng.	Mr. M G T T Senevirathna	University of Ruhuna
Mechanical Engineering	Mr. R A P Dhanuka	University of Moratuwa
Mechanical & Manufacturing Eng.	Mr. K D G A Rathnayaka	University of Ruhuna
Mechanical Engineering	Mr. W G A D Weerasinghe	Open University of Sri Lanka
Computer Engineering	Mr. R K Mahaliyana	University of Peradeniya
Chemical & Process Engineering	Mr. S C N Wijayasekera	University of Moratuwa

**Table 5: Migara Ratnatunga Award (Category C) – List of Awardees presented with a Certificate for participation**

Category	Name	University
Civil & Environmental Eng.	Miss. G R Y Perera	University of Ruhuna
Civil & Environmental Eng.	Mr. J M A K Gimhana	University of Ruhuna
Civil & Environmental Eng.	Mr. R A C G Ranasinghe	University of Ruhuna
Civil & Environmental Eng.	Mr. K. Thushanthan	University of Ruhuna
Civil Engineering	Mr. A H M S A Abeysinghe	University of Peradeniya
Civil Engineering	Mr. B. Pirashangan	University of Peradeniya
Civil Engineering	Mr. K. Gajanan	University of Peradeniya
Civil Engineering	Mr. M L C Prasanga	University of Peradeniya
Civil Engineering	Mr. S. Gajanan	University of Moratuwa
Civil Engineering	Mr. K B S L Madushan	University of Moratuwa
Civil Engineering	Miss. H B U Nishajanthani	Open University of Sri Lanka

Category	Name	University
Electrical & Information Eng.	Mr. A M C P Sandeepa	University of Ruhuna
Electrical & Information Eng.	Mr. K K D I Karunanayaka	University of Ruhuna
Electronic & Telecommunication Eng.	Mr. N H Karunanayake	University of Moratuwa
Electronic & Telecommunication Eng.	Mr. W M R R Wickramasinghe	University of Moratuwa
Electrical & Electronic Eng.	Miss. P J R Weerasooriya	University of Peradeniya
Electrical & Electronic Eng.	Mr. H M H K Weerasooriya	University of Peradeniya
Electrical & Electronic Eng.	Miss. H D N Weerawardane	University of Peradeniya
Electrical & Electronic Eng.	Miss. B A B C Swarnasinghe	University of Peradeniya
Electrical & Electronic Eng.	Miss. R W I A Welikumbura	University of Peradeniya
Electrical & Electronic Eng.	Mr. T M I H Karunarathna	University of Peradeniya
Electronic & Communication Eng.	Mr. E H Athukorala	Open University of Sri Lanka
Electrical & Electronic Eng.	Miss P G L S Piyatissa	University of Jaffna
Mechanical Engineering	Mr. H N K Liyanage	University of Moratuwa
Biomedical Engineering	Mr. K G G L A De Silva	University of Moratuwa
Earth Resources Engineering	Mr. B A C S Jayathilake	University of Moratuwa
Earth Resources Engineering	Mr. K A T N Perera	University of Moratuwa
Textile & Clothing Engineering	Mr. H N Thenuwara	University of Moratuwa
Chemical & Process Engineering	Miss. O H P Gunawardene	University of Peradeniya

**Table 6: Eng. E W Karunaratna Award -List of Awardees presented with a Cash Award and Certificate for the Best Undergraduate project.**

Project	Presenters	University
Develop a Series-arc Fault Detector to Minimize the Risk of Domestic Electrical Fires	Miss. S.P. Somathilaka Mr. N.T. Senarathna Mr. H.E. Hewapathirana Miss. W.M.K.S. Sumathipala	Moratuwa

**Table 7: Eng. E W Karunaratna Award – List of Awardees presented with a certificate**

Project	Presenters	University
Autonomous Real-Time Traffic Data Acquisition System Based on Video Processing Techniques	Mr. S.K.C.S.B. Egodawela Mr. H.M.D.M.B. Herath Miss. S.M.A.B. Willamuna	Peradeniya
Hyper Spectral Imaging for Remote Sensing and Agricultural Applications	Mr. H.M.S. Lakmal Mr. D.Y.L. Ranasinghe Mr. H.M.H.K. Weerasooriya	Peradeniya
Remote Battery State Monitoring IoT Device for light Electric with Battery Swapping	Mr. R.A.O.S. Ranaweera Mr. H.B.N.D. Gunathilake	Peradeniya
Machine Learning for Robust Video Communication for Sporting Scenarios	Mr. M.W.T.U. Ekanayake Mr. R.M.D.N.B. Ranaweera Mr. U.L.D.S. Perera	Peradeniya

Project	Presenters	University
Condition Monitoring in High Voltage Power Apparatus using Online PD Detection	Miss. B.A.B.C. Swarnasinghe Mr. M.A.C.U. Medagoda Miss. D.M.K. Chandramali	Peradeniya
Machine Type Communication- Investigation of Fast Uplink Grant	Mr. M.G.T.T. Senevirathna Mr. V.L.T. Sankalpa Mr. T.M.B.S.B. Thennakoon	Ruhuna
Emergency Situation Detection System for AAL (Ambient Assisted Living)	Mr. A.M.C.P. Sandeepa Miss. A.G.N.S. Dissanayaka Mr. M.W.G.C.K. Moremada	Ruhuna
Integrated Power Flow Controller for a Grid Connected 1Kw three Phase three Level Multilevel Inverter Embedded with an Energy Storage in an AC Micro Grid	Mr. D.J.K. Dassanayake Mr. K.K.D.I. Karunanayaka Miss. H.M.A.P. Ruwanthi	Ruhuna
Designing a Grid Tied Voltage Source Inverter with a Hybrid Boosting Topology	Miss. W.D.C.D. Welmilla Mr. W.J.M.P.C.R. Jayarathne Mr. H.P.S.P. Sisirathunga	Ruhuna
Blockchain Based Wifi offloading Platform	Mr. W.P.V. Fernando Mr. E.P.L.T. Gunawardhana Mr. R.A.M.V.B. Rajapakshe	Ruhuna
Sleep Classification using Xethru Sensor	Mr. O.I. Dissanayake Miss. M.A.L.T. Marasinghe Mr. T.M.I.C.B. Tennakoon	Ruhuna
D-STATCOM for Power Quality Improvement in Distribution Grids	Mr. W.A.D. Lakshan Miss. M.A. Jayasinghe Miss. P.V.L.B.S. Kumari	Ruhuna
Enhance Secure and Universal Accessibility of Low Power IoT Devices with Drones	Mr. S.P.M. Samarakkody Mr. B.G. Sachith Mr. L.D. Samaradeera	Ruhuna
Efficiency Enhancement of Existing Solar Photovoltaic Systems	Mr. J.M.D.S. Jeewandara Mr. P. Samaraweera Mr. J. Keerthanan Miss. G. U. S. Gammampila	Moratuwa
Localizing Hotspot of an Oil Immersed Distribution Transformer using FEA of a Thermal Model	Mr. E.G.P. Ediriweera Mr. K. Wickramasinghe Miss. K.R.I. Sithmini Mr. E.A.A.G. Ekanayake	Moratuwa
Centralized Adaptive Overcurrent Protection System for a Microgrid	Mr. P.P.R.Padmthilaka Miss. A.G.N. Dulmini Mr. E.M.A.G.N.C. Ekanayake Mr. A.P.R. Prabash	Moratuwa
Wireless Power Transfer System for Electric Vehicles	Mr. M.N. Malshan Miss. W.M.M.R. Weerasekara Mr. H.U.J. Lakmal Mr. B.V.S.C. Vidulath	Moratuwa
Power signature Analysis and Recognition using Deep Learning	Mr. A.P.S. Perera Miss. Sanjeewika Rathnayake Mr. Asitha Abeysinghe Mr. Nisal Matharage	Moratuwa

Project	Presenters	University
Developing a Transformer Model on a Computer Platform to Analyze in Rush Current and Magnetization Characteristics	Mr. D.B. Yapa Mr. D.Y. Benthavithana Mr. N.P. Rathnaweera Miss. M.M.T.C.Wimalarathna	Moratuwa
Predictive and Standalone Fault Diagnosis System for Induction Motors	Mr. V.D.V.Y. Dharmasiri Miss. H.P. Jayasinghe Miss. D.G.C. Nisansala Mr. I.G. Ahangama	Moratuwa
Sun tracking Solar Panel and Data Logger	Mr. T. Kokulavasan Mr. P. Dilakshan	Jaffna
Development of Power System State Estimator for Distribution Utility Smart Grid	Mr. R.W.M.S.N. Rathnayaka Mr. W.M.D.S. Jayalath	Jaffna
Analysis in the use of Cloud Detection Techniques for Power Fluctuation Reduction in Solar Photovoltaic Systems	Mr. W.P. Ratnakumar Mr. V. Vijinthan	Jaffna

**Table 8: Eng. Nimal Chandrasena Award – List of Awardees presented with a Cash award and a Certificate**

Title of Paper	Author/s	Award
Development of an Industrial Conveyor System using A Programmable Logic Controller for Engineering Undergraduate Education	Eng. R M D U Bandara	FIRST PLACE
Removal of Iron from Groundwater using Granular Activated Carbon Filters	Eng.(Ms.) T. Thinojah	SECOND PLACE
Utilization of Building Debris as Aggregates in Stone Columns	Eng. K W D Sanjeewa	THIRD PLACE

**Table 9: List of Scholarships Awardees of JIY 2019 Competition**

Name	School	Product Name
Miss D M I Uththara Medagoda	Girls High School, Kandy	Multi Rice Cooker
Master K M M Deepaka Bandara	Eheliyagoda Central College, Eheliyagoda	Modified Areca Nut Husk Peeler
Miss Vaishnaviey Karunanathan	Chundikuli Girls College, Jaffna	Smart Dusbin
Master R G A Lakmal Wijewikrama	Government Science College, Matale	Tea Leave Cutting Machine
Miss W Viduni Punara	Sacred Heart Convent, Galle	Microscope Which Can Be Wearable On The Head

**Table 10. List of Members nominated for various Ministries and State Sector organizations**

Organization	Committee	Name/s of the appointee/s
CIDA	Advisory Council on Condominium Management	Eng. (Prof.) S B S Abayakoon
CIDA	Board of Management	Eng. M G Hemachandra
CIDA	Technical & Compliance Committee on Fire Regulations	Eng. S S Gunawardana Eng. K L S Lekamwasam
Ministry of Transport Services Management	Expert Committee on Examining the updated National Transport Policy to Ensuring Conformity with the National Policy Framework of the Government	Eng. Priyal De Silva
Ministry of Urban Development, Water Supply & Housing Facilities	National Advisory Council for Construction Industry - Subcommittee for Amending CIDA Act	Eng. (Dr.) Ananda Ranasinghe
Ministry of Urban Development, Water Supply & Housing Facilities	Technical Advisory Committee	Eng. K S Mangala Silva
NBRO	Steering Committee - Guideline for Geotechnical Risk Management	Eng. L N Pallegama
NSF	Board of Management	Eng. (Prof.) S B S Abayakoon
NSF	NSF Steering Committee on Gender in Science, Technology, Engineering and Mathematics	Eng. (Prof.) S B S Abayakoon
OPA	OPA Forum - Executive Committee	Eng. (Prof.) S B S Abayakoon
Sri Lanka Cricket	Technical Evaluation Committee	Eng. J Meegoda Eng. Madhawa Perera Eng. U P Nawagamuwa
SLIATE	Board of Management	Eng. (Prof.) Udayanga Hemapala
SLSI	Board of Directors	Eng. Mangala Silva
SLSI	Management System Certification Committee	Eng. Neil Abeysekera
SLSI	Advisory Committee of the Quality Management System Certification Scheme	Eng. Neil Abeysekera
SLSI	Sectoral Committee on Building & Construction Materials (SC/35)	Eng. Mangala Silva
SLSI	Working Group on Cement Standards	Eng. Malith Mendis
SLSI	Technical Evaluation Committee - Revision of Lubricant Standards	Eng. (Prof.) S A S Perera
SLAEB	Compulsory NDT Inspection Standards for Sri Lanka - In Service, Manufacturing and Construction	Eng. (Dr.) Kamal Laksiri Eng. K S Mangala Silva
TVEC	Information and Communication Technology Industry Sector Council (ICTISC)	Eng. Arjuna Manamperi
TVEC	Construction Industry Sector Council (CISC)	Eng. Mangala Silva



Organization	Committee	Name/s of the appointee/s
UDA	Main Planning Committee	Eng. (Prof.) S B S Abayakoon
UGC	Standing Committee on Engineering and Architecture	Eng. (Prof.) S B S Abayakoon
UGC	Standing Committee on Technology Stream	Eng. (Prof.) S B S Abayakoon
University of Moratuwa	Faculty Industry Consultative Board	Eng. Arjuna Manamperi
University of Vocational Technology	Board of Governors	Eng. J Meegoda

**Table 11: Results of the Elections to the Council 2020/2021**

Vacancies	Post of President-Elect	Paper Votes	E-Votes	Total No. of Votes	Remarks
1	Eng. (Dr.) Kamal Laksiri	627	705	1332	
	Eng. Arjuna Manamperi	488	981	1469	Elected

Vacancies	Post of Past President	Paper Votes	E-Votes	Total No. of Votes	Remarks
1	Eng. Shavindranath Fernando	552	701	1253	
	Eng.(Prof.) T M Pallewatta	528	949	1477	Elected

Vacancies	Posts of Vice Presidents	Paper Votes	E-Votes	Total No. of Votes	Remarks
3	Eng. (Prof.) Ranjith Dissanayake	789	1018	1807	Elected
	Eng. Sudharma Elakanda	596	628	1224	
	Eng. Granie R Jayalath	529	927	1456	Elected
	Eng. P W Sarath	504	958	1462	Elected

Vacancies	Post of Honorary Secretary	Paper Votes	E-Votes	Total No. of Votes	Remarks
1	Eng.(Dr.) Chandana Gamage	214	280	494	
	Eng. Mangala Silva	501	612	1113	Elected
	Eng. Nihal Wijeyewickrema	328	691	1019	

Vacancies	Post of Honorary Treasurer	Paper Votes	E-Votes	Total No. of Votes	Remarks
1	Eng. Samantha Gunawardana	554	702	1256	
	Eng. H C J Thilakarathne	454	856	1310	Elected

Vacancies	Post of Chairman, Agricultural & Plant. Engineering Sectional Committee	Paper Votes	E-Votes	Total No. of Votes	Remarks
1	Eng. Mahesh Dissanayake	496	601	1097	
	Eng. M G Hemachandra	472	869	1341	Elected

Vacancies	Post of Chairman, Chemical & Process Engineering Sectional Committee	Paper Votes	E-Votes	Total No. of Votes	Remarks
1	Eng. Tissa Liyanage	559	640	1199	Elected
	Eng. Neil Wickramasinghe	388	797	1185	

Vacancies	Post of Chairman, Civil Engineering Sectional Committee	Paper Votes	E-Votes	Total No. of Votes	Remarks
1	Eng. Lalith Pallegama	452	854	1306	Elected
	Eng. Manjula Samarasinghe	528	706	1234	

Vacancies	Post of Chairman, Mechanical Engineering Sectional Committee	Paper Votes	E-Votes	Total No. of Votes	Remarks
1	Eng. Lasantha Ekanayaka	425	831	1256	Elected
	Eng. Harsha Wickramasinghe	556	639	1195	

Vacancies	Posts of Representatives – Fellows	Paper Votes	E-Votes	Total No. of Votes	Remarks
3	Eng. A P Ranjith De Silva	405	772	1177	Elected
	Eng. S H U De Silva	216	242	458	
	Eng. Rohan J Fernando	182	233	415	
	Eng.(Mrs) Kamala Gunawardena	606	719	1325	Elected
	Eng. (Dr.) Udeni Nawagamuwa	604	793	1397	Elected
	Eng. Mahesh Samarawickrama	299	681	980	
	Eng. Indika Walpitige	422	591	1013	

Vacancies	Posts of Representatives – Members (Above 40)	Paper Votes	E-Votes	Total No. of Votes	Remarks
2	Eng.(Air Commodore) Roshan De Silva	457	540	997	
	Eng. Suran Fernando	319	733	1052	Elected
	Eng.(Prof.) K T M Udayanga Hemapala	264	388	652	
	Eng. Jude Kurera	374	698	1072	Elected
	Eng. Thilak R Thilakaratne	456	550	1006	

Vacancies	Posts of Representatives – Members (Below 40)	Paper Votes	E-Votes	Total No. of Votes	Remarks
2	Eng. Damith Dissanayaka	515	908	1423	Elected
	Eng. Janaka Gamachchige	374	793	1167	Elected
	Eng. Dayan Herath	552	647	1199	Elected
	Eng. Ramjee Kuberalingam	371	753	1124	
	Eng. (Dr.) T L Pradeep	506	593	1099	
	Eng. Priyamal B Samaratunga	436	466	902	

## **ACTIVITIES DONE TO MITIGATE THE COVID -19 IMPACT TO THE COUNTRY AND PEOPLE**

### **01. Development of a Digital Platform for Mahaweli Farmers**

A team of engineers developed a digital Platform for Mahaweli farmers which has an interface with the Mahaweli Authority, (MASL) where all the input details will be updated at MASL end.

The app has two main buttons as “selling” and “Production Details.” Under the selling button, Farmer can present their item for selling by indicating product type, quantity, contact No and location in the google map where buyers can find him. In the Production details button, farmers can present their future production by indicating product type, cultivated plot area, expected yield, and timing. This information is vital for the planning of the Mahaweli Authority, where MASL can understand the future yield with the product type, which is needed for the government decision making process.

Digital platform development was initiated by Eng. M.G.Hemachandra, a Senior Project specialist, Japan International Cooperation Agency, and Hon. Treasurer of Institute of Engineers Sri Lanka. They use the experience of PEACE, ICIM, and SouthCAP, which are previous JICA projects. Eng. Dr. Ranil Sugathadasa, Senior Lecturer, Department of Transport & Logistics Mgt, Faculty of Engineering, University of Moratuwa, and Eng. Mahinda Senarath, General Manager. Laugf Power were also contributed to the project.

Eng. Dr. Pradeep Kumara Wijesekara Abeygunawardhana, Head/ Department of Computer Systems Engineering, SLIIT, Malabe Campus led the software development with Eng. P. H. Tharindu Dharmasena, Eng. P. H. Ravindu Dharmasena, and Eng. Nisal Shehan.

The Developed solution was presented to the Director-General of the Mahaweli Authority on 23 April 2020. It has been decided to implement within two weeks after the pilot running.

### **02. Renovation of the MVAC system of the IDH ICU complex – Project implemented by BSESC**

The renovation work of the MVAC system of the Intensive Care Unit (ICU) complex at the Infectious Diseases Hospital (IDH) in Angoda was successfully completed by the IESL Building Services Engineering Sectional Committee (BSESC) together with Sri Lanka Navy.

Since the existed Mechanical Ventilation Air Conditioning (MVAC) system in its ICU complex was not suitable to cater for the Covid-19 patients, BSESC of the IESL came forward in this crucial hour & committed the hospital authorities to assist them to renovate it immediately.

Having correctly identified the requirements after an inspection and a series of discussions with Dr.Hasitha Atthanayake (IDH Director), Dr. Ananda Wijewickrama (Senior Consultant-IDH) & other senior medical staff members, BSESC members recommended several immediate modifications to the system. It was suggested to have proper negative pressure conditions and the required amount of air changes as per the internationally accepted guidelines. These were achieved by introducing correctly sized additional air blowers to the ventilation system. The air supply and air exhaust ducting and louver arrangements were modified to protect the health care workers from being exposed to the possible contaminated air flows that come through the patients. Thus, high-efficiency particulate air (HEPA) filters were introduced to avoid possible contaminations. These modifications were physically carried out by SL Navy under the consultancy & supervision of the BSESC. This expedited modification project at ICU complex was completed on 26th of April 2020 thanks to the joint efforts of BSESC and SL Navy teams who worked continuously even within the Sinhala Hindu new year period.

The renovated ICU complex was officially handed over to hospital authorities at a small ceremony organized by the IDH on 28th April 2020 in which Dr. Anil Jasinghe (Director General of Health Services) was the chief guest. After completing this project, now the BSESC is in the process of designing another new ICU unit in the IDH as the phase 2 of the previous project.

### **03. COVID 19 National Guidelines – Project that BSESC Contributed.**

Building Services Engineering Sectional Committee (BSESC) of IESL volunteered to contribute in providing the engineering inputs to the national guideline titled 'INSTRUCTIONS FOR SELECTED PUBLIC ACTIVITIES/ WORK SETTINGS FOR THE PREVENTION AND CONTROL OF COVID- 19', published on 28th May 2020 jointly by the Ministry of Health and Indigenous Medical Services (MoHIM), World Health Organization (WHO), GMOA and SJKMC.

Among the 43 experts who contributed to this national guideline, there are only 5 non-medical/ non-health sector professionals. Among those 5 non-medical/ non-health service professionals, it is to be noted that the 4 of them are from IESL BSESC members.

Now BSESC in the process of developing a separate annexure for the same guideline on the MVAC & other building services related aspects related to the different work settings as per the request made by Dr. Susie Perera (Deputy Director General – Public Health Services).

### **04. Handing over complete personal protective equipment sets – Project implemented by MESC**

27 numbers of complete personal protective equipment sets worth LKR 250,000.00 were handed over to the health care staff of Colombo South Teaching Hospital. This project was coordinated by MESC and sponsored by Lakdhanavi Limited.

The donation was carried out on 25th March 2020 and it was followed by a discussion with a panel of doctors headed by Dr. Asela Gunawardena – The director of Colombo South Teaching Hospital about the technical assistance that hospitals and healthcare system needs implementing control measures to mitigate the spread of the virus as well as developing medical equipment.

Eng. Randika Amarasuriya (Former MESC Secretary), Eng. Shakthi Dissanayake and Eng. Janitha Jayasinghe joined this occasion representing MESC, IESL and Lakdhanavi Limited respectively. Eng. Kithsiri Egodawatte coordinated this activity from Lakdhanavi Limited end.

### **05. Manufacture & Handing over Personal Protective Gowns – Project implemented by MESC**

Members of IESL-MESC set up a small scale pilot production facility to manufacture and donate PPE (Gowns) with technical support from the Sri Lanka Institute of Textile & Apparel (SLITA). The facility is currently catering to the needs of National Health care sector. DG of SLITA Eng. Robert V Peiris, a Member of MESC was instrumental in setting up the technical partnership and SLITA Eng. Sarath Vijayabahu was the mainstay in the factory setup.

### **06. Steam decontamination machine donation - Project implemented by MESC**

MESC Designed and fabricated a PROTOTYPE of Steam Decontamination Machine. This was handed over to Dr. Udaya De Silva (Teaching Hospital Anuradhapura) at the IESL premises. Eng. Rantharu Athtanayake – Secretary MESC, Eng. Arjuna Manamperi, Eng. Ganesh Dahanayake and Eng. Loshan Palayangoda, all from MESC participated at the event.

MCovid SD2750 Steam Decontaminator is designed for the purpose within wards, surgical rooms, general operating areas of hospitals, ambulances and patients handling areas, without the use of chemical compounds. The device uses an electrical heating element to generate saturated steam at temperatures as high as 120 Celsius. High temperature steam has a record of destroying bacteria, certain viruses and other microorganisms including many forms of pathogens. Dr. Udaya and his team plan to test the efficacy of the machine in their hospital.

#### **07. Restoration of Ventilators - project implemented by EEE&TSC**

During the COVID 19 pandemic crisis, Electrical, Electronics & Telecommunication Engineering Sectional Committee of IESL had partnered with the Biomedical Engineering group of the Department of Electrical and Electronic Engineering (DEEE) of Faculty of Engineering of University of Peradeniya to restore dysfunctional ventilators as a part of a project initiated jointly by University of Peradeniya and National Institute of Fundamental Studies (NIFS).

At a time when the ventilators are hard to purchase from the market, the restoration of dysfunctional ventilators had emerged as a practical engineering solution to enhance the country's health sector's capacity to treat severely affected COVID 19 patients. The first batch of 12 ventilators restored under this project was handed over to the Ministry of Health on April 11, 2020 at the DEEE premises.

A team of engineers lead by a group of experts in Biomedical Engineering in DEEE and the Department of Anaesthesiology & Critical Care of University of Peradeniya together with the technical staff and graduate students of DEEE worked together with a group of IESL corporate members who are past graduates of DEEE and several medical professionals from Peradeniya Teaching Hospital, to provide manpower for this project. This team was able to complete the restoration of 12 units within mere 10 days displaying their commitment and expertise. The same team continues to work on this activity in addition to their engagement in the design work of a new ventilator. The sectional committee supplied and installed a gas unit for testing the ventilators which helped their course.

#### **08. Supply and installing of Public addressing system at the lady ridgeway hospital - project implemented by EEE&TSC**

There is a considerable amount of public attending to the OPD and other areas of the lady ridgeway hospital, Borella, Colombo 08 daily for the children's health issues. Public Health Department of the hospital is in need on running health advice and other useful information about the COVID-19 over this Public Address system to educate the public about the pandemic to mitigate the risk of spreading disease and other health risks.

Eng. Sampath Pathirananarachchi Member EE& TSC had proposed with the advice of Eng. Shavindranath Fernando to initiate a CSR project to supply and install a Public Addressing System to the hospital especially under the COVID – 19 situations. Eng. Sampath spearheaded the CSR Project on behalf of The Electrical, Electronics & Telecommunication Sectional Committee (EE&TSC) and we could be handed over the Public Addressing System to the Director of the Lady Ridgeway Hospital on July 30, 2020 as a product of a CSR activity.

Dr.Wijesuriya Director of the LRH, Dr. Athula Wijesundara Head of LRH public health relationship department, Eng. Shavindranath Fernando Past President of IESL, Eng. Chamil Edirimuni Chairman EE&TSC, Eng. Priyamal Samarathunga Secretary EE&TSC, Eng. Sampath Pathirananarachchi attended the handing over ceremony on July 30, 2020 on behalf of the IESL.



**Report of the Auditors for the  
Financial year ending December 31, 2019**





PNS/KAS/MHM

**INDEPENDENT AUDITORS' REPORT  
TO THE MEMBERS OF THE INSTITUTION OF ENGINEERS, SRI LANKA**

**Report on the audit of Financial Statements**

***Opinion***

We have audited the financial statements of The Institution of Engineers, Sri Lanka ("the Institute"), and the consolidated financial statements of the Institute and its subsidiary ("the Group"), which comprise the statement of financial position as at 31 December 2019, and the statement of comprehensive income, statement of changes in funds and reserves and, statement of cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements of the Institute and Group give a true and fair view of the financial position of the Institute and the Group as at 31 December 2019 and of their financial performance and cash flows for the year then ended in accordance with Sri Lanka Accounting Standards for Small and Medium-sized Entities (SLFRS for SMEs).

***Basis for opinion***

We conducted our audit in accordance with Sri Lanka Auditing Standards (SLAuSs). Our responsibilities under those standards are further described in the Auditor's responsibilities for the audit of the financial statements section of our report. We are independent of the Group in accordance with the ethical requirements of the Code of Ethics issued by CA Sri Lanka (Code of Ethics) that are relevant to our audit of the financial statements, and we have fulfilled our other ethical responsibilities in accordance with the Code of Ethics. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

***Responsibilities of management and those charged with governance for the financial statements***

Management is responsible for the preparation of financial statements that give a true and fair view in accordance with Sri Lanka Accounting Standards for Small and Medium-sized Entities (SLFRS for SMEs), and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Group's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Group or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the financial reporting process of both Company and Group.

***Auditor's responsibilities for the audit of the financial statement***

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with SLAuSs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

(Contd...2/)



Building a Better  
working world

As part of an audit in accordance with SLAuSs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the internal control of the Company and the Group.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Company to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

#### Report on other legal and regulatory requirements

As required by section 76 to 78 of the Institute of Engineers Ceylon Act No. 17 of 1968, we have obtained all the information and explanations that were required for the audit and, as far as appears from our examination, proper accounting records have been kept by the Institute.



09 October 2020  
Colombo

The Institution of Engineers, Sri Lanka  
**STATEMENT OF COMPREHENSIVE INCOME**  
Year ended 31 December 2019

	Note	Group		Institute	
		2019 Rs.	2018 Rs.	2019 Rs.	2018 Rs.
Revenue from students' and members' activities	4	<b>213,798,824</b>	295,922,161	<b>131,903,804</b>	147,067,391
Direct expenditure on students' and members' activities	5	<b>(40,155,426)</b>	(60,186,167)	<b>(21,636,495)</b>	(23,549,923)
<b>Contribution before employee costs and overheads</b>		<b>173,643,398</b>	235,735,994	<b>110,267,310</b>	123,517,468
<b>Operating expenditure</b>					
Employees' costs	6	<b>(84,787,662)</b>	(89,008,614)	<b>(48,720,260)</b>	(43,036,568)
Publications, newsletters and others	7	<b>(6,602,902)</b>	(7,283,161)	<b>(5,960,053)</b>	(6,546,903)
Utilities	8	<b>(23,434,671)</b>	(25,674,694)	<b>(11,436,043)</b>	(10,543,743)
General administration expenses	9	<b>(49,690,557)</b>	(47,706,562)	<b>(21,760,222)</b>	(18,682,859)
Depreciation on property, plant and equipment	14	<b>(22,604,053)</b>	(28,899,642)	<b>(8,469,334)</b>	(8,176,532)
Provincial center expenses	10	<b>(6,400,000)</b>	(3,840,000)	<b>(6,400,000)</b>	(3,840,000)
<b>Net surplus of operating activities</b>		<b>(19,876,447)</b>	33,323,321	<b>7,521,398</b>	32,690,862
Other income	11	<b>82,749,769</b>	70,152,553	<b>73,434,556</b>	64,052,322
Other expenses	12	<b>(60,993,732)</b>	(55,606,662)	<b>(58,577,063)</b>	(54,644,935)
<b>Net surplus on non-operating activities</b>		<b>21,756,037</b>	14,545,891	<b>14,857,493</b>	9,407,387
<b>Net surplus before taxation</b>		<b>1,879,590</b>	47,869,212	<b>22,378,891</b>	42,098,249
Income tax expenses	13	<b>(2,701,407)</b>	(6,841,633)	<b>(3,213,542)</b>	(6,105,844)
<b>Surplus for the year</b>		<b>(821,817)</b>	41,027,579	<b>19,165,349</b>	35,992,405
Other comprehensive income		-	-	-	-
<b>Total comprehensive income for the year</b>		<b>(821,817)</b>	41,027,579	<b>19,165,349</b>	35,992,405

Figures in brackets indicate deductions.

The accounting policies and notes on pages 07 to 29 form an integral part of these financial statements.




The Institution of Engineers, Sri Lanka

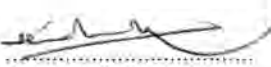
STATEMENT OF FINANCIAL POSITION

As at 31 December 2019

	Note	Group		Institute	
		2019 Rs.	2018 Rs.	2019 Rs.	2018 Rs.
<b>ASSETS</b>					
<b>Non-current assets</b>					
Property, plant and equipment	14	108,395,551	128,682,449	99,652,043	105,804,221
Capital work-in-progress	16	4,697,340	-	4,697,340	-
Intangible Assets	15	239,819	1,083,687	-	-
Other financial assets	17	9,117,735	8,296,034	9,117,735	8,296,034
Investment in subsidiary	18	-	-	10	10
<b>Total non-current assets</b>		<b>122,450,445</b>	<b>138,062,170</b>	<b>113,467,128</b>	<b>114,100,265</b>
<b>Current assets</b>					
Inventories	19	2,133,278	2,140,666	2,018,578	2,025,226
Accounts receivables	20	24,021,492	22,950,970	17,666,380	17,103,089
Income Tax Receivable		1,623,473	1,604,160	-	-
Deposits, prepayments and advances	21	16,073,100	6,844,964	16,058,100	5,902,996
Financial assets	22	219,797,478	206,332,098	219,797,478	206,332,098
Cash and cash equivalents	23	109,734,149	105,180,672	36,537,387	23,852,484
<b>Total current assets</b>		<b>373,382,971</b>	<b>345,053,530</b>	<b>292,077,924</b>	<b>255,215,893</b>
<b>Total assets</b>		<b>495,833,416</b>	<b>483,115,700</b>	<b>405,545,052</b>	<b>369,316,158</b>
<b>FUNDS AND LIABILITIES</b>					
Accumulated fund		420,702,827	421,524,644	338,844,451	319,679,102
Library fund		500,362	500,362	500,362	500,362
Funds backed by specific investments	24	13,740,064	11,928,608	13,740,064	11,928,608
<b>Total Funds and Reserves</b>		<b>434,943,253</b>	<b>433,953,614</b>	<b>353,084,877</b>	<b>332,108,072</b>
<b>Non-current liabilities</b>					
Retirement benefit obligation	25	13,310,972	11,480,817	10,253,963	8,754,348
Deferred Tax Liabilities	13.3	3,215,115	4,015,129	2,683,432	2,896,411
<b>Total non-current liabilities</b>		<b>16,526,087</b>	<b>15,495,946</b>	<b>12,937,395</b>	<b>11,650,759</b>
<b>Current liabilities</b>					
Accounts payable	26	20,711,123	17,451,993	15,974,968	11,111,374
Receipts in advance	27	19,597,600	8,775,159	19,597,600	8,377,859
Income tax payable		-	2,611,605	-	2,611,605
Bank overdraft	23	4,055,353	4,827,383	3,950,212	3,456,489
<b>Total current liabilities</b>		<b>44,364,076</b>	<b>33,666,140</b>	<b>39,522,780</b>	<b>25,557,327</b>
<b>Total funds and liabilities</b>		<b>495,833,416</b>	<b>483,115,700</b>	<b>405,545,052</b>	<b>369,316,158</b>

The members of the Council is responsible for these financial statements. Approved and signed for and on behalf of the Council by;

  
 Eng. (Prof.) S.B.S. Abayakoon  
 President

  
 Eng. M.G. Hemachandra  
 Honorary Treasurer

Figures in brackets indicate deductions.

The accounting policies and notes on pages 07 to 29 form an integral part of these financial statements.



STATEMENT OF CHANGES IN FUNDS AND RESERVES

Year ended 31 December 2019

Group	Accumulated fund Rs.	Library fund Rs.	Funds backed by specific investments Rs.	Total Rs.
<b>Balance as at 01st January, 2018</b>	380,497,065	500,362	11,973,440	392,970,867
Net Surplus for the Year	41,027,579	-	-	41,027,579
<b>Balance Before Transfers to/from Reserves</b>	421,524,644	500,362	11,973,440	433,998,446
Decrease in Donor's Restricted	-	-	(44,832)	(44,832)
<b>Balance as at 31st December, 2018</b>	421,524,644	500,362	11,928,608	433,953,614
Net Deficit for the year	(821,817)	-	-	(821,817)
<b>Balance before transfers to/from reserves</b>	420,702,827	500,362	11,928,608	433,131,798
Increase in donor's restricted	-	-	1,811,456	1,811,456
<b>Balance as at 31st December, 2019</b>	420,702,827	500,362	13,740,064	434,943,254

Institute	Accumulated fund Rs.	Library fund Rs.	Funds backed by specific investments Rs.	Total Rs.
<b>Balance as at 01st January, 2018</b>	283,686,697	500,362	11,973,440	296,160,499
Net surplus for the year	35,992,405	-	-	35,992,405
Other comprehensive income for the year	-	-	-	-
<b>Balance before transfers to/from reserves</b>	319,679,102	500,362	11,973,440	332,152,904
Decrease in donor's restricted	-	-	(44,832)	(44,832)
<b>Balance as at 31st December, 2018</b>	319,679,102	500,362	11,928,608	332,108,072
Net surplus for the year	19,165,349	-	-	19,165,349
<b>Balance before transfers to/from reserves</b>	338,844,451	500,362	11,928,608	351,273,421
Increase in donor's restricted	-	-	1,811,456	1,811,456
<b>Balance as at 31st December, 2019</b>	338,844,451	500,362	13,740,064	353,084,877

Figures in brackets indicate deductions.

The accounting policies and notes on pages 07 to 29 form an integral part of these financial statements.



## STATEMENT OF CASH FLOWS

Year ended 31 December 2019

	Group		Institute	
	2019 Rs.	2018 Rs.	2019 Rs.	2018 Rs.
<b>Cash flow from operating activities</b>				
Net surplus/(deficit) before taxation	1,879,590	47,869,212	22,378,891	42,098,249
Adjustments for:				
Depreciation on property, plant and equipment	22,604,053	28,899,642	8,469,334	8,176,532
Amortization of Intangible Assets	843,868	843,868	-	-
Provision for gratuity	2,085,655	2,456,694	1,755,115	1,429,277
<b>Net surplus from operating activities before working capital changes</b>	<b>27,413,166</b>	<b>80,069,416</b>	<b>32,603,340</b>	<b>51,704,058</b>
<b>Working capital changes</b>				
Decrease/(Increase) in inventories	7,388	849,945	6,648	798,884
(Increase)/Decrease in accounts receivables	(1,070,522)	(5,138,384)	(563,291)	(2,321,193)
Decrease/(Increase) in amounts due to related parties	-	-	-	(2,000)
(Increase)/Decrease in deposits, prepayment and advance	(9,228,137)	(3,236,331)	(10,155,105)	(3,164,570)
(Decrease)/Increase in accounts payable	3,259,130	1,836,589	4,863,594	(256,135)
(Decrease)/Increase in receipts in advance	10,822,441	(6,445,234)	11,219,741	(6,317,535)
<b>Cash generation (used in)/from operations</b>	<b>3,790,300</b>	<b>(12,133,415)</b>	<b>5,371,587</b>	<b>(11,262,549)</b>
Tax Paid & Credits	(6,078,246)	(7,318,547)	(5,984,034)	(3,191,946)
Gratuity paid	(255,500)	(1,140,300)	(255,500)	(1,140,300)
<b>Net cash flow from operating activities</b>	<b>24,869,720</b>	<b>59,477,154</b>	<b>31,735,393</b>	<b>36,109,263</b>
<b>Cash flow from investing activities</b>				
Purchase of property, plant and equipment	(2,317,156)	(14,814,574)	(2,317,156)	(13,585,161)
Additions to Capital work-in-progress	(4,697,340)	-	(4,697,340)	-
Investment in other financial assets (Net)	(14,287,082)	(30,129,088)	(14,287,082)	(30,280,558)
<b>Net cash flows used in investing activities</b>	<b>(21,301,578)</b>	<b>(44,943,662)</b>	<b>(21,301,578)</b>	<b>(43,865,719)</b>
<b>Cash flow from financing activities</b>				
Dividend paid				
Receipts/payments from fund backed by specific investments (Net)	1,811,456	(44,832)	1,811,456	(44,832)
<b>Net cash flows (used in)/from financing activities</b>	<b>1,811,456</b>	<b>(44,832)</b>	<b>1,811,456</b>	<b>(44,832)</b>
<b>Net increase in Cash and cash equivalents</b>	<b>5,379,598</b>	<b>14,488,660</b>	<b>12,245,271</b>	<b>(7,801,288)</b>
<b>Cash and cash equivalents at the beginning of the year</b>	<b>100,353,289</b>	<b>85,864,629</b>	<b>20,395,995</b>	<b>28,197,283</b>
<b>Cash and cash equivalents at the end of the year (Note A)</b>	<b>105,732,887</b>	<b>100,353,289</b>	<b>32,641,266</b>	<b>20,395,995</b>
<b>Note A</b>				
Cash in hand	512,176	515,008	405,007	512,870
Cash at bank - Time deposits	68,500,506	62,762,599	-	-
Cash at bank	40,721,467	41,903,065	36,132,380	23,339,614
Bank overdraft	(4,055,353)	(4,827,383)	(3,950,212)	(3,456,489)
	<b>105,678,796</b>	<b>100,353,289</b>	<b>32,587,175</b>	<b>20,395,995</b>

Figures in brackets indicate deductions.

The accounting policies and notes on pages 07 to 29 form an integral part of these financial statements.



**1. CORPORATE INFORMATION**

**1.1 General**

The Institution of Engineers, Sri Lanka (Hereafter referred to as the "Institution") was incorporated by Act of Parliament No. 17 of 1968 is situated at No.120/15, Wijerama Mawatha, Colombo 07. Provincial centres are situated in Central, Wayamba, Sabaragamuwa, North Central, Southern, Uva, Eastern and Northern Provinces.

**1.2 Principal activities and nature of operations**

During the year, the principal activity of the institution and the subsidiary was providing educational services.

**1.3 Date of authorization for the issue of the financial statements**

The consolidated financial statements of the Institution of Engineers, Sri Lanka for the year ended 31 December 2019 was authorized for issue in accordance with the approval of council members on 09 October 2020.



## **2. GENERAL INFORMATION AND STATEMENT OF COMPLIANCE WITH SLFRS FOR SMEs**

### **2.1 General accounting policies**

#### **2.1.1 Basis of preparation**

These financial statements presented in Sri Lanka Rupees have been prepared under the historical cost basis in accordance with generally accepted accounting principles and the standards laid down by the Institute of Chartered Accountants of Sri Lanka.

#### **2.1.2 Statement of compliance**

The statement of financial position, statement of comprehensive income, statement of changes in funds and reserves, and statement of cash flows, together with accounting policies and notes ("Financial Statements") of the institution/group as at 31st December, 2019 and for the year then ended, comply with the Sri Lanka Accounting Standards for Small and Medium-sized Entities (SLFRS for SMEs) issued by the Institute of Chartered Accountants of Sri Lanka.

#### **2.1.3 Going concern**

The members of the council have made an assessment of the Institution ability to continue as a going concern and is satisfied that it has the resources to continue the principal activities of the Institution (referred in note 1.2) for the foreseeable future. Furthermore, the members of the council are not aware of any material uncertainties that may cast significant doubt upon the Institution's ability to continue as a going concern. Therefore, the financial statements continue to be prepared on the going concern basis.

However, following going concern matter is noted for the subsidiary of the Institution namely, IESL College of Engineering (Pvt) Ltd. (referred as "The College");

The College has suspended the new intake of the Certificate Level Programme offered to students in the previous year, which has led to cast doubt about the going concern of the College. However, students concerned have filed a case against the College restraining from suspending or discontinuing the courses offered, which was dismissed by the Court of Appeal via verdict given on 06th March 2020 subsequent to the balance sheet date. However, the Directors assured that the academic programme will continue until 2021 along with the examinations and other activities beyond the said year if necessary, to serve the students who are already registered to follow the said courses.

Therefore, the Financial Statements of the Group have been prepared based on going concern assumption.

#### **2.1.4 Comparative information**

The accounting policies have been consistently applied by the group and are consistent with those of the previous year. The previous year's figures and phrases have been rearranged wherever necessary to conform to the current year's presentation/classification.





### 2.1.5 Materiality and aggregation

Each material class of similar items is presented separately in the financial statements. Items of a dissimilar nature or function are presented separately unless they are immaterial.

### 2.1.6 Significant accounting judgments, estimates and assumptions

The preparation of the group's financial statements require management to make judgments, estimates and assumptions that affect the reported amounts of revenue, expenses, assets and liabilities and the disclosure of contingent liabilities at the reporting date. The Group is subject to taxes and significant judgment was required to determine the total provision for current, deferred and other taxes due to the uncertainties that exists with respect to the interpretation of the applicability of tax laws, at the time of the preparation of these financial statements.

Uncertainties also exist with respect to the interpretation of complex tax regulations and the amount and timing of future taxable income. Given the wide range of business relationships and the long-term nature and complexity of existing contractual agreements, differences arising between the actual results and the assumptions made, or future changes to such assumptions, could necessitate future adjustments to tax income and expense already recorded. Where the final tax outcome of such matters is different from the amounts that were initially recorded, such differences will impact the income and deferred tax amounts in the period in which the determination is made.

## 3. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The accounting policies set out below have been applied consistently to all periods presented in these financial statements.

### 3.1 Basis of consolidation

The consolidated financial statements comprise financial statements of the institution and its subsidiary company.

#### 3.1.1 Subsidiary

Subsidiary is the entity controlled by the Institution. The financial statements of subsidiary are included in the consolidated financial statements from the date that control commences until the date that control ceases. A list of subsidiary and percentage of holding is given below:

Subsidiary	Percentage of Holding
IESL College of Engineering (Pvt) Limited	100%

#### 3.1.2 Transactions eliminated on consolidation

Intra-group balances and transactions, and any unrealized income and expenses arising from intra-group transactions, are eliminated in preparing the consolidated financial statements.



### 3.2 Property, plant and equipment

#### 3.2.1 Basis of measurement

##### a) Cost

Property, plant and equipment is recorded at cost less accumulated depreciation and less any impairment.

##### b) Cost and valuation

All items of property, plant and equipment are initially recorded at cost.

#### 3.2.2 Depreciation

Depreciation is recognized by using diminishing balance method other than leasehold land, in order to write off such amounts over the estimated useful lives using the following rates;

Building	5%
Members lounge	5%
Air conditioner	25%
Computer equipment	33 1/3%
Office equipment	25%
Furniture and fittings	25%
President's office	10%
Library books	20%
Bicycles	25%
Canteen equipment	25%
Lawn mower	25%
Water pump and accessories	25%
Single wheel tractor	25%
Cloaks	25%
Musical Instruments	25%
Lab equipment	25%
Solar	20%

Depreciation of assets begins when it is available for use.

The asset's residual values, useful lives and methods of depreciation are reviewed and adjusted if appropriate at each financial year.

#### 3.2.3 Restoration costs

Expenditure incurred on repairs or maintenance of property, plant and equipment in order to restore or maintain the future economic benefits expected from originally assessed standard of performance is recognized as an expense when incurred.



### 3.2.4 De-recognition

An item of property, plant and equipment is de-recognized upon disposal or when no future economic benefits are expected from its use or disposal. Any gain or loss arising on de-recognition of the asset is calculated as the difference between the net disposal proceeds and the carrying amount and it recognized to the statement of comprehensive income.

### 3.2.5 Capital work-in-progress

Capital expenses incurred during the period which are not completed as at the reporting date are shown as capital work-in-progress, whilst the capital assets which have been completed during the period and put to use have been transferred to property, plant and equipment or intangible assets, if any.

### 3.3 Intangible Assets

Intangible assets acquired separately are measured on initial recognition at cost. Following initial recognition, intangible assets are carried at cost less accumulated amortization and accumulated impairment losses.

Intangible assets consists the value of software purchased during the period and the company policy is to amortize it over 4 years.

### 3.4 Impairment of assets

The Group assesses at each reporting date whether there is an indication that an asset may be impaired. If such indication exists or when annual impairment testing for an asset is required the company makes an estimate of the asset's recoverable amount. An asset's recoverable amount is the higher of an asset's or cash generating unit's fair value less costs to sell and its value in use and determined for an individual asset, unless the asset does not generate cash inflows that are largely independent of those from other assets or group of assets. Where the carrying amount of an asset exceeds its recoverable amount, the asset is considered impaired and is written down to its recoverable amount. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessment of the time value of money and the risk specific to the asset. These calculations are collaborated by valuation multiples, quoted share prices or other available fair value indicators.

An assessment is made at each reporting date as to whether there is any indication that previously recognized impairment losses may no longer exist or may have decreased. If such indication exists, the company makes an estimate of the recoverable amount. A previously recognized impairment loss is reversed only if there has been a change in the estimates used to determine the assets recoverable amount since the last impairment loss was recognized. If that is the case the carrying amount of the asset is increased to its recoverable amount and that increased amount cannot "exceed" the carrying amount that would have been determined, net of depreciation had, had no impairment loss been recognized for the asset in prior years. Such reversal is recognized in the statement of comprehensive income unless the asset is carried at revalued amount, in which case the reversal is treated as a revaluation increase.



### 3.5 Inventories

Inventories are stated at the lower of cost and net realizable value after making due allowances for obsolete and slow moving items. Cost is determined using the weighted average method. Inventories are assessed for impairment at each reporting date. Impairment losses on inventory are recognized immediately in the statement of comprehensive income and presented within 'cost of sales'.

Other inventory items are stated at the lower of cost and net replacement cost.

### 3.6 Financial instruments

#### 3.6.1 Financial assets

##### 3.6.1.1 Accounts and other receivables

These financial assets are recognized initially at the transaction price. Subsequently they are measured at amortized cost using the effective interest method, less provision for impairment. Where there is objective evidence that the carrying amounts of receivables are not recoverable, and impairment loss is recognized in the statement of comprehensive income.

Accounts receivables and dues from related parties are recognized at cost less provision for bad and doubtful receivables.

##### 3.6.1.2 Other short term financial assets

Other short-term financial assets comprise investments, which are non-derivative financial assets with fixed or determinable payments and fixed maturities are initially recognized at transaction price. Subsequently they are measured at amortized cost using the effective interest method, less provision for impairment.

##### 3.6.1.3 Cash and cash equivalents

Cash and cash equivalents are defined as cash in hand, cash at bank and short term deposits.

For the purpose of cash flow statement, cash and cash equivalents consists of cash in hand, cash at bank, short term deposit and net of outstanding bank overdrafts.

The cash flow statements are reported based on the indirect method.

### 3.7 Liabilities

Liabilities stated under current liabilities in the statement of financial position are those expected to fall due within one year from the date of the statement of financial position. Items stated as non-current liabilities are those expected to fall due at point of time after one year from the date of the statement of financial position.



**3.7.1 Financial liabilities**

The group's financial liabilities include accounts payable and receipts in advance. Financial liabilities are recognized initially at transaction price.

**3.7.1.1 Accounts payable and receipts in advance**

Account payable and receipt in advance are stated at their book values. Account payables are on normal credit terms and do not bear interest. Account payables denominated in a foreign currency are translated by using the exchange rate at the reporting date. Foreign exchange gains or losses are included in other operating income or other expenses.

**3.7.2 Provisions**

Provisions are recognized when the group has a present obligations (legal and constructive) as a result of a past event, where it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation.

**3.8 Short term employee benefits and retirement benefit obligations**

**a) Short term employee benefits**

Short term employee benefits obligations are measured on an undiscounted basis and are expensed as the related service is provided. A liability is recognized for the amount expected to be paid under short term cash bonus if the group has present legal or constructive obligation to pay this amount as a result of past service provided by the employee and the obligation can be measured reliably.

**b) Defined benefit plans – gratuity**

Provision has been made for retirement gratuities, in conformity with Gratuity Act No. 12 of 1983. The liability is not externally funded nor is it actuarially valued.

**c) Defined contribution plans - Employees' Provident Fund and Employees' Trust Fund**

Employees are eligible for Employees' Provident Fund Contributions and Employees' Trust Fund Contributions in line with respective statutes and regulations. The institution/group contributes 12% and 3% of gross emoluments of employees to the Employees' Provident Fund and to the Employees' Trust Fund respectively.



### 3.9 Taxation

#### Current Taxes

Current income tax assets and liabilities for the current period are measured at the amount expected to be recovered from or paid to the taxation authorities. The tax rates and tax laws used to compute the amount are those that are enacted or substantively enacted, at the reporting date in the countries where the group operates and generates taxable income.

Current income tax relating to items recognized directly in equity is recognized in equity and not in the income statement. Management periodically evaluates positions taken in the tax returns with respect to situations in which applicable tax regulations are subject to interpretation and establishes provisions where appropriate.

#### Deferred Tax

Deferred tax is provided using the liability method on temporary differences at the reporting date between the tax bases of assets and liabilities and their carrying amounts for financial reporting purposes. Deferred income tax liabilities are recognised for all taxable temporary differences.

Deferred tax assets are recognized for all deductible temporary differences to the extent that it is probable that taxable profit will be available against which the deductible temporary differences can be utilized.

Deferred tax assets and liabilities are measured at tax rates that are expected to apply to the year when the asset is realized or liability is settled, based on the tax rates and tax laws that have been enacted or substantively enacted as at the reporting date.

Deferred tax assets and deferred tax liabilities are offset, if a legally enforceable right exists to set off current tax assets against current tax liabilities and when the deferred taxes relate to the same taxable entity and the same taxation authority.

### 3.10 Revenue recognition

#### a) Membership subscription

The membership fee of the institute includes separate annual subscription. The revenue is recognized when no significant uncertainty about its collectability exists. As such only the probable membership subscription fees that are attributable to the current financial year are recognized as the revenue. Further, all the other income relevant to the membership is recognized on accrual basis.

#### b) Examination fee

Fees of examinations, seminars, courses, and other educational and members' activities are recognized by reference to the stage of completion of transaction at the end of the reporting period.



**c) Interest income**

For all financial instruments measured at amortized cost and interest bearing financial assets classified as held to maturity, interest income is recorded using the effective interest rate (EIR) which is the rate that exactly discounts the estimated future cash payments or receipts through the expected life of the financial instrument, where appropriate, to the net carrying amount of the financial asset.

Interest income is included in finance income in the statement of comprehensive income.

**d) Other income**

Other income is recognized on an accrual basis. Gain and losses arising from incidental activities to main revenue generating activities and those arising from an institution/group of similar transactions, which are not material, are aggregated, reported and presented on a net basis.

**3.11 Expenditure recognition**

a) Expenses are recognized in the statement of comprehensive income on the basis of a direct association between the cost incurred and the earning of specific items of income. All the expenditure incurred in the running of the business and in maintaining the property, plant and equipment in a state of efficiency have been charged to income in arriving at the surplus for the year.

b) For the purpose of presentation of the statement of comprehensive income the council are of the opinion that function of expenses method presents fairly the elements of the institution/group's performance and hence, such presentation method is adopted.

**3.12 Borrowing costs**

All borrowing costs are expenses in the period in which they are incurred.

**3.13 Off statement of financial position and statement of comprehensive income items**

**3.13.1 Events occurring after the date of the statement of financial position**

All material events occurring after the date of the statement of financial position have been considered and where necessary adjustments to or disclosures have been made in the respective notes to the financial statements.

**3.13.2 Contingencies and unrecognized contractual commitments**

Contingencies are possible assets or obligation that arise from past event and would be confirmed only on the occurrence or non-occurrence of uncertain future events, which are beyond the group's control. Contingencies are disclosed in the respective notes to the financial statements.



The Institution of Engineers, Sri Lanka  
NOTES TO THE FINANCIAL STATEMENTS

Year ended 31 December 2019

4. REVENUE FROM STUDENTS' AND MEMBERS' ACTIVITIES

	Group		Institute	
	2019 Rs.	2018 Rs.	2019 Rs.	2018 Rs.
Members' subscriptions	78,949,652	72,183,137	78,949,652	72,183,137
Entrance fee	2,466,245	2,755,245	2,466,245	2,755,245
Exemption/Registration	2,226,727	2,362,030	2,226,727	2,362,030
<b>IESL examinations</b>				
- Part I-Repeat	31,500	-	31,500	-
- Part II-Repeat	210,500	423,000	210,500	423,000
- Part III	2,277,500	5,360,750	2,277,500	5,360,750
- Entry Qualifying Exam	666,500	350,000	666,500	350,000
<b>IESL study course</b>				
- Part III	225,000	782,000	225,000	782,000
Professional review	7,931,316	13,519,186	7,931,316	13,519,186
CPD courses	36,918,864	42,332,042	36,918,864	42,332,042
Degree recognition	-	7,000,000	-	7,000,000
Individual modules	-	20,000	-	-
Course fees	71,750,050	131,259,140	-	-
Examination fees	10,146,970	17,390,860	-	-
Module Registration Fee AD2	-	360,000	-	-
Module exemption fee	28,000	10,000	-	-
Academic test	-	19,000	-	-
Refunds	(310,000)	(961,980)	-	-
Surcharge	280,000	757,750	-	-
	<b>213,798,824</b>	<b>295,922,161</b>	<b>131,903,804</b>	<b>147,067,391</b>

5. DIRECT EXPENDITURE ON STUDENTS' AND MEMBERS' ACTIVITIES

	Group		Institute	
	2019 Rs.	2018 Rs.	2019 Rs.	2018 Rs.
IESL examinations				
- Part I - Repeat	51,000	-	51,000	-
- Part II - Repeat	275,610	359,050	275,610	359,050
- Part III - Repeat	1,200,675	419,400	1,200,675	419,400
- Entry Qualifying Exam	170,250	-	170,250	-
IESL study course				
- Part III	386,170	349,880	386,170	349,880
Professional review	5,447,460	6,091,763	5,447,460	6,091,763
CPD courses	13,298,909	14,421,338	13,298,909	14,421,338
Membership related expenses	29,555	174,697	29,555	174,697
Degree recognition	776,866	1,733,795	776,866	1,733,795
Furniture hiring charges	-	-	-	-
Hall hire charges	269,982	995,231	-	-
Lab practical charges	2,837,843	6,807,644	-	-
Lecture fees	10,830,668	16,597,058	-	-
Printing of student ID	-	-	-	-
Exam duty expenses	151,310	854,680	-	-
Paper marking expenses	1,268,074	2,707,250	-	-
Paper setting expenses	776,694	2,307,600	-	-
Exam hall booking	-	-	-	-
Assignment marking expenses	197,850	291,700	-	-
Student events	-	394,400	-	-
Group project AD 2: - Group project panel	-	1,161,997	-	-
Cost of goods sold	-	-	-	-
Outside contractors	-	-	-	-
Individual Project Fee	315,000	2,871,000	-	-
Short Course-MATLAB	-	-	-	-
Workshop	1,871,510	1,647,684	-	-
	<b>40,155,426</b>	<b>60,186,167</b>	<b>21,636,495</b>	<b>23,549,923</b>





The Institution of Engineers, Sri Lanka  
**NOTES TO THE FINANCIAL STATEMENTS**  
Year ended 31 December 2019

**6. EMPLOYEES' COSTS**

	Group		Institute	
	2019 Rs.	2018 Rs.	2019 Rs.	2018 Rs.
Salaries and wages	<b>58,625,900</b>	62,411,631	<b>28,677,031</b>	25,506,422
Bonus & Ex-Gratia/Incentives	<b>3,936,889</b>	4,097,713	<b>3,248,514</b>	2,897,025
Overtime	<b>7,189,109</b>	6,916,871	<b>6,607,973</b>	6,409,208
EPF	<b>6,247,804</b>	6,704,298	<b>3,427,973</b>	3,091,910
ETF	<b>1,559,411</b>	1,676,088	<b>856,995</b>	772,980
Payment in lieu of unutilized leave	<b>1,178,030</b>	952,041	<b>1,178,030</b>	952,041
Provision for gratuity	<b>2,085,655</b>	2,456,694	<b>1,755,115</b>	1,429,277
Staff training	<b>142,617</b>	93,515	<b>142,617</b>	93,515
Transport allowance	<b>2,018,601</b>	1,722,734	<b>2,018,601</b>	1,722,734
Salary for trainees	<b>1,414,777</b>	929,933	<b>775,235</b>	47,570
Temporary labour	<b>334,735</b>	635,626	-	-
Subscription	<b>32,176</b>	92,189	<b>32,176</b>	92,189
Terminal emoluments	<b>21,958</b>	297,584	-	-
P A Y E Tax	-	21,697	-	21,697
	<b>84,787,662</b>	89,008,614	<b>48,720,260</b>	43,036,568

**7. PUBLICATIONS, NEWSLETTERS AND OTHERS**

Printing of journals, transactions and SLEN	<b>4,725,135</b>	5,353,705	<b>4,082,286</b>	4,617,448
Computer stationery	<b>1,877,767</b>	1,929,455	<b>1,877,767</b>	1,929,455
	<b>6,602,902</b>	7,283,161	<b>5,960,053</b>	6,546,903

**8. UTILITIES**

Postage	<b>1,506,747</b>	1,374,983	<b>1,499,722</b>	1,292,738
Telephone, internet and fax	<b>5,701,116</b>	5,970,195	<b>1,718,835</b>	1,548,175
Electricity	<b>6,682,108</b>	8,233,300	<b>3,200,887</b>	3,302,324
Rates and taxes	<b>558,558</b>	558,558	<b>558,558</b>	558,558
Janitory service	<b>3,935,139</b>	4,222,607	<b>1,917,035</b>	1,678,035
Security service	<b>4,660,688</b>	4,565,626	<b>2,273,870</b>	1,808,560
Water supply	<b>390,316</b>	749,426	<b>267,136</b>	355,353
	<b>23,434,671</b>	25,674,694	<b>11,436,043</b>	10,543,743



The Institution of Engineers, Sri Lanka  
**NOTES TO THE FINANCIAL STATEMENTS**  
Year ended 31 December 2019

**9. GENERAL ADMINISTRATION EXPENSES**

	Group		Institute	
	2019 Rs.	2018 Rs.	2019 Rs.	2018 Rs.
Advertising	372,213	796,782	329,593	511,355
Refreshment expenses for meeting	2,465,244	3,203,690	1,453,873	1,826,920
Secretarial expenses	150,000	170,973	-	-
<b>Repairs and maintenance</b>				
- Office and office equipment	1,606,397	2,197,338	844,755	866,112
- Computer center equipment	72,485	89,334	72,485	60,294
- Furniture and fittings	18,045	151,844	18,045	151,844
- Building and garden	1,248,555	506,664	1,248,555	506,664
- Bicycle	-	4,110	-	4,110
- Web site maintenance charges	164,000	353,191	164,000	10,000
- Others	35,525	1,915	4,575	1,915
Election and AGM expenses	3,164,266	4,078,299	3,164,266	4,078,299
Board committee expenses	1,196,000	1,160,600	-	-
New year festival	-	472,768	-	472,768
Memorial lectures	617,328	497,635	617,328	497,635
Subscriptions to foreign and local organizations	4,094,931	1,131,979	4,094,931	1,131,979
Participation in local and foreign activities	1,277,903	1,291,745	1,277,903	1,291,745
Travelling and transport	1,586,102	2,889,624	1,125,579	995,653
Insurance	1,217,356	1,938,299	772,527	994,314
Lease rent on premises	1,285	1,233	1,285	1,233
Press notice	-	236,608	-	236,608
Seal for structural engineers	357,050	352,700	357,050	352,700
Miscellaneous expenses	1,631,714	664,975	1,631,714	664,975
Audit fee	829,686	727,388	539,088	379,159
Staff Welfare	548,080	1,151,711	548,080	1,151,711
Events	5,000	194,369	-	-
Tax consultancy fee	32,258	-	-	-
Online survey project	89,186	118,816	89,186	118,816
SD & CC rent	20,291,473	18,446,184	-	-
Photocopy rent	354,450	680,690	-	-
Bad Debts	575,000	-	575,000	-
Lab expenses	-	7,250	-	-
Student Library	30,002	29,655	-	-
IESL Gym	-	119,000	-	-
Graduation	1,945,497	676,770	-	-
Office Equipment & Accessories	12,178	108,929	-	-
Credit Card Commissions and Bank charges	2,857,476	2,409,624	2,830,401	2,376,049
Amortization of intangible assets	843,868	843,868	-	-
	<b>49,690,557</b>	<b>47,706,562</b>	<b>21,760,222</b>	<b>18,682,859</b>



The Institution of Engineers, Sri Lanka  
**NOTES TO THE FINANCIAL STATEMENTS**  
Year ended 31 December 2019

**10. PROVINCIAL CENTRE EXPENSES**

	Group		Institute	
	2019 Rs.	2018 Rs.	2019 Rs.	2018 Rs.
Central province	800,000	480,000	800,000	480,000
Wayamba province	800,000	480,000	800,000	480,000
Sabaragamuwa province	800,000	480,000	800,000	480,000
North central province	800,000	480,000	800,000	480,000
Southern province	800,000	480,000	800,000	480,000
Uva province	800,000	480,000	800,000	480,000
Eastern province	800,000	480,000	800,000	480,000
North province	800,000	480,000	800,000	480,000
	<b>6,400,000</b>	<b>3,840,000</b>	<b>6,400,000</b>	<b>3,840,000</b>

**11. OTHER INCOME**

	Group		Institute	
	2019 Rs.	2018 Rs.	2019 Rs.	2018 Rs.
Hire of auditorium and equipment	1,235,925	1,815,542	1,235,925	1,728,892
Interest from short term and long term investments	29,970,304	25,722,840	22,957,478	20,045,665
Exhibition - Techno	25,666,888	18,279,836	25,666,888	18,279,836
Rent income	1,088,686	996,101	1,088,686	996,101
Miscellaneous income	11.1 4,464,110	5,357,023	4,352,473	5,170,617
Evaluation fee	11.2 3,401,335	2,987,307	3,401,335	2,987,307
Award excellence ceremony income	-	370,000	-	370,000
Annual session income	126,400	776,500	126,400	776,500
National engineering conference Income	82,500	956,475	82,500	956,475
Christmas party income	-	367,000	-	367,000
Induction and graduation ceremony	5,702,750	2,492,500	3,959,250	2,369,500
Sectional committee Income	347,502	287,565	347,502	287,565
Members night income	-	2,212,000	-	2,212,000
Workshops income	447,250	27,000	-	-
Washington accord EMF	10,216,118	7,504,864	10,216,118	7,504,864
	<b>82,749,769</b>	<b>70,152,553</b>	<b>73,434,556</b>	<b>64,052,322</b>

**11.1 Miscellaneous income**

Interest on staff loans	381,861	88,936	381,861	88,936
Advertisement SLEN	-	384,000	-	384,000
Seal for corporate members	472,100	476,731	472,100	476,731
Other income	3,610,149	4,407,356	3,498,512	4,220,950
	<b>4,464,110</b>	<b>5,357,023</b>	<b>4,352,473</b>	<b>5,170,617</b>

**11.2 Evaluation fee**

Income	4,994,228	3,905,140	4,994,228	3,905,140
Less: Expenses	(1,592,894)	(917,833)	(1,592,894)	(917,833)
	<b>3,401,335</b>	<b>2,987,307</b>	<b>3,401,335</b>	<b>2,987,307</b>



The Institution of Engineers, Sri Lanka  
NOTES TO THE FINANCIAL STATEMENTS

Year ended 31 December 2019

**12. OTHER EXPENSES**

	Group		Institute	
	2019 Rs.	2018 Rs.	2019 Rs.	2018 Rs.
Professional fee				
Legal fee and expenses	<b>3,892,896</b>	1,805,500	<b>3,290,396</b>	1,610,500
Professional Charges	<b>190,130</b>	29,282	<b>190,130</b>	29,282
Annual sessions and international seminars	<b>5,712,365</b>	6,975,357	<b>5,712,365</b>	6,975,357
Nation building tax	<b>2,599,451</b>	2,130,028	<b>2,599,451</b>	2,130,028
Contribution to award funds	<b>32,500</b>	40,000	<b>32,500</b>	40,000
Chapter expenses - QLD	-	257,245	-	257,245
Sectional committee expenses	<b>3,930,034</b>	3,703,640	<b>3,930,034</b>	3,703,640
Members' night - expense	-	2,346,764	-	2,346,764
Award excellence ceremony expenses	<b>761,849</b>	657,190	<b>761,849</b>	657,190
Exhibition - Techno	<b>29,365,682</b>	20,623,718	<b>29,365,682</b>	20,623,718
Induction and graduation ceremony	<b>3,167,854</b>	2,589,047	<b>3,167,854</b>	2,589,047
"Junior Inventor of the Year"				
competition and scholarship	<b>1,543,335</b>	1,443,757	<b>1,543,335</b>	1,443,757
programme (JIY)				
Washington accord and EMF	<b>5,857,355</b>	7,140,961	<b>5,857,355</b>	7,140,961
Museum project	<b>4,130</b>	61,181	<b>4,130</b>	61,181
Sale of inventory items	<b>1,100,356</b>	734,285	<b>1,100,356</b>	734,285
National engineering				
conference	<b>8,500</b>	2,736,533	<b>8,500</b>	2,736,533
Library expenses	<b>171,472</b>	291,825	<b>171,472</b>	291,825
Other expenses	<b>1,275,824</b>	1,505,349	<b>841,654</b>	1,273,622
Provision for Course Fee receivable	<b>1,380,000</b>	535,001	-	-
	<b>60,993,732</b>	55,606,662	<b>58,577,063</b>	54,644,935

**12.1 Sale of inventory item**

Income	<b>(521,250)</b>	(601,325)	<b>(521,250)</b>	(601,325)
Less : Cost of goods sold	<b>1,621,606</b>	1,335,610	<b>1,621,606</b>	1,335,610
	<b>1,100,356</b>	734,285	<b>1,100,356</b>	734,285

**13. INCOME TAX EXPENSES**

The major components of income tax expense for the year ended 31 December as follows :

		Group		Institute	
		2019 Rs.	2018 Rs.	2019 Rs.	2018 Rs.
<b>Current income tax</b>					
Current income tax charge	<b>(13.1)</b>	<b>3,426,521</b>	7,015,427	<b>3,426,521</b>	5,803,552
Deffered tax charge	<b>(13.2)</b>	<b>(800,014)</b>	(173,794)	<b>(212,979)</b>	302,292
Under Provision of current tax of previous year		<b>74,900</b>	-		-
<b>Total Tax Expense</b>		<b>2,701,407</b>	6,841,633	<b>3,213,542</b>	6,105,844



The Institution of Engineers, Sri Lanka  
NOTES TO THE FINANCIAL STATEMENTS

Year ended 31 December 2019

**13. INCOME TAX EXPENSES (Contd...)**

**13.1 A reconciliation between tax expense and the product of accounting profit**

	Group		Institute	
	2019 Rs.	2018 Rs.	2019 Rs.	2018 Rs.
	<b>1,879,590</b>	47,869,212	<b>22,378,891</b>	42,098,249
	<b>(29,970,304)</b>	(25,722,840)	<b>(22,957,478)</b>	(20,045,665)
Accounting profit before taxation	<b>(1,088,686)</b>	(1,085,037)	<b>(1,088,686)</b>	(1,085,037)
Accounting profit not liable for tax (Exempt profit)	<b>27,488,576</b>	32,221,901	<b>10,799,449</b>	9,627,506
Investment income	<b>(19,573,333)</b>	(29,980,922)	<b>(8,703,189)</b>	(10,271,815)
Other income	<b>21,693,143</b>	-	-	-
Aggregate disallowable expenses	<b>428,987</b>	23,302,315	<b>428,987</b>	20,323,238
Aggregate allowable expenses				
Consolidation Adjustment - Tax Loss of Subsidiary	<b>428,987</b>	23,302,315	<b>428,987</b>	20,323,238
Business income	<b>29,970,304</b>	25,722,840	<b>22,957,478</b>	20,045,665
	<b>1,088,686</b>	1,085,037	<b>1,088,686</b>	1,085,037
Business income	<b>(7,012,826)</b>	-	-	-
Investment income	<b>24,475,151</b>	50,110,191	<b>24,475,151</b>	41,453,940
Other income				
Utilization of Tax Losses				
	<b>3,426,521</b>	7,015,427	<b>3,426,521</b>	5,803,552
Tax on income at concessionary rate @ 10%	<b>3,426,521</b>	7,015,427	<b>3,426,521</b>	5,803,552
Tax on balance taxable income @ 28%				
Tax on balance taxable income @ 14%				
Current tax charge				
<b>13.2 Deferred tax Expense/ (Income)</b>	<b>(543,792)</b>	78,463	<b>(3,033)</b>	342,749
	<b>(256,222)</b>	(252,257)	<b>(209,946)</b>	(40,457)
<b>Deferred Tax arising from:</b>	<b>(800,014)</b>	(173,794)	<b>(212,979)</b>	302,292
Property, plant & equipments				
Employee benefit liability				
Total Deferred Tax (Reversal) / Charge				
	<b>4,015,129</b>	4,188,923	<b>2,896,411</b>	2,594,119
<b>13.3 Deferred Tax Liability</b>	<b>(800,014)</b>	(173,794)	<b>(212,979)</b>	302,292
	<b>3,215,115</b>	4,015,129	<b>2,683,432</b>	2,896,411
At the beginning of the year				
(Reversal) / Charge for the year				
At the end of the year				
	<b>5,078,651</b>	5,622,443	<b>4,118,987</b>	4,122,020
<b>13.4 The closing deferred tax liability balance relates to the following</b>	<b>(1,863,536)</b>	(1,607,314)	<b>(1,435,555)</b>	(1,225,609)
	<b>3,215,115</b>	4,015,129	<b>2,683,432</b>	2,896,411
Accelerated depreciation for tax purpose				
Employee benefit liability				



The Institution of Engineers, Sri Lanka  
**NOTES TO THE FINANCIAL STATEMENTS**  
Year ended 31 December 2019

**14. PROPERTY, PLANT AND EQUIPMENT**

**14.1 Institute**

Description of assets	COST		DEPRECIATION			WDV	
	Balance as at 01.01.2019 Rs.	Additions during the year Rs.	Balance as at 31.12.2019 Rs.	Charge for the year Rs.	Balance as at 31.12.2019 Rs.	Balance as at 31.12.2018 Rs.	
<b>Freehold</b>							
Buildings	126,717,023	645,304	127,362,327	4,014,192	50,432,920	76,929,407	80,298,295
Air conditioners	9,344,707	121,730	9,466,437	733,615	7,265,594	2,200,843	2,812,728
Computer equipment	17,681,038	630,897	18,311,935	869,395	15,885,212	2,426,723	2,665,221
Office equipment	10,162,039	166,905	10,328,944	298,678	9,205,130	1,123,814	1,255,587
Furniture and fittings	16,740,523	192,445	16,932,968	663,166	14,474,046	2,458,922	2,929,643
Bicycle	13,810	-	13,810	-	13,810	-	-
Motor Bicycle	-	162,750	162,750	32,550	32,550	130,200	-
President's office	3,100	-	3,100	-	3,100	-	-
Library books	6,562,346	397,125	6,959,471	359,665	5,761,703	1,197,768	1,160,308
Canteen equipment	207,799	-	207,799	-	207,799	-	-
Water pump and accessories	165,611	-	165,611	-	165,611	-	-
Members lounge	11,544,847	-	11,544,847	466,331	2,332,096	9,212,751	9,679,082
Cloaks	716,540	-	716,540	-	716,540	-	-
Musical Instruments	864,883	-	864,883	91,242	525,001	339,882	431,124
Grid Connected Solar Project	5,225,000	-	5,225,000	940,500	1,593,267	3,631,733	4,572,233
	205,949,266	2,317,156	208,266,422	8,469,334	108,614,379	99,652,043	105,804,221



The Institution of Engineers, Sri Lanka  
 NOTES TO THE FINANCIAL STATEMENTS  
 Year ended 31 December 2019

14. PROPERTY, PLANT AND EQUIPMENT (Contd....)

14.2 Group

Description of Assets	COST			DEPRECIATION			WDV	
	Balance as at 01.01.2019 Rs.	Additions during the Year Rs.	Balance as at 31.12.2019 Rs.	Balance as at 01.01.2019 Rs.	Charge for the year Rs.	Balance as at 31.12.2019 Rs.	Balance as at 31.12.2019 Rs.	Balance as at 31.12.2018 Rs.
<b>Freehold</b>								
Buildings	126,717,023	645,304	127,362,327	46,418,728	4,014,192	50,432,920	76,929,407	80,298,295
Air conditioners	9,344,707	121,730	9,466,437	6,531,979	733,615	7,265,594	2,200,843	2,812,728
Computer equipment	35,574,430	630,897	36,205,327	29,900,821	3,154,345	33,055,166	3,150,161	5,673,609
Office equipment	41,366,347	166,905	41,533,252	35,347,102	3,820,435	39,167,537	2,365,715	6,019,246
Lab Equipment	35,734,775	-	35,734,775	20,628,594	8,328,012	28,956,606	6,778,169	15,106,181
Furniture and fittings	16,740,523	192,445	16,932,968	13,810,880	663,166	14,474,046	2,458,922	2,929,643
Bicycle	13,810	-	13,810	13,810	-	13,810	-	-
Motor Bicycle	-	162,750	162,750	-	32,550	32,550	130,200	-
President's office	3,100	-	3,100	3,100	-	3,100	-	-
Library books	6,562,346	397,125	6,959,471	5,402,038	359,665	5,761,703	1,197,768	1,160,308
Canteen equipment	207,799	-	207,799	207,799	-	207,799	-	-
Water pump and accessories	165,611	-	165,611	165,611	-	165,611	-	-
Members lounge	11,544,847	-	11,544,847	1,865,765	466,331	2,332,096	9,212,751	9,679,082
Cloaks	716,540	-	716,540	716,540	-	716,540	-	-
Musical Instruments	864,883	-	864,883	433,759	91,242	525,001	339,882	431,124
Grid Connected Solar Project	5,225,000	-	5,225,000	652,767	940,500	1,593,267	3,631,733	4,572,233
	290,781,741	2,317,156	293,098,897	162,099,293	22,604,053	184,703,346	108,395,551	128,682,449

15. INTANGIBLE ASSETS

Group

Description of Assets	COST			DEPRECIATION			WDV	
	Balance as at 01.01.2019 Rs.	Additions during the Year Rs.	Balance as at 31.12.2019 Rs.	Balance as at 01.01.2019 Rs.	Charge for the year Rs.	Balance as at 31.12.2019 Rs.	Balance as at 31.12.2019 Rs.	Balance as at 31.12.2018 Rs.
Software	3,375,474	-	3,375,474	2,291,787	843,868	3,135,655	239,819	1,083,687



**16. CAPITAL WORK-IN-PROGRESS**

	Group		Institute	
	2019 Rs.	2018 Rs.	2019 Rs.	2018 Rs.
<b>Balance as at the beginning of the year</b>	-	7,833,556	-	7,833,556
<b>Add: Additions during the year</b>	<b>4,697,340</b>	-	<b>4,697,340</b>	-
<b>Less: Capitalized during the year</b>	-	(7,833,556)	-	(7,833,556)
<b>Balance at the end of the year</b>	<b>4,697,340</b>	-	<b>4,697,340</b>	-

**17. OTHER FINANCIAL ASSETS**

**Dr. Sri Lakshman De Silva**

Bank of Ceylon - A/C No.73310550

<b>50,000</b>	50,000	<b>50,000</b>	50,000
<b>50,000</b>	50,000	<b>50,000</b>	50,000

**Benevolent Fund - Bank of Ceylon - Torrington Square**

Bank of Ceylon - A/C No.75868128

Benevolent Fund - Call deposits

<b>8,867,735</b>	8,046,034	<b>8,867,735</b>	8,046,034
<b>200,000</b>	200,000	<b>200,000</b>	200,000
<b>9,067,735</b>	8,246,034	<b>9,067,735</b>	8,246,034
<b>9,117,735</b>	8,296,034	<b>9,117,735</b>	8,296,034

**18. INVESTMENT IN SUBSIDIARY**

IESL College of Engineering (Pvt) Limited

-	-	<b>10</b>	10
-	-	<b>10</b>	10

**19. INVENTORIES**

Ties	<b>28,127</b>	97,221	<b>28,127</b>	97,221
Brooch - New	<b>90,513</b>	108,663	<b>90,513</b>	108,663
Stickers	<b>22,435</b>	31,531	<b>22,435</b>	31,531
Dr. A.N.S. Kulasinghe volume - Books	<b>632</b>	632	<b>632</b>	632
History of engineering Sri Lanka	<b>286,416</b>	340,835	<b>286,416</b>	340,835
Construction through the ages	<b>1,045</b>	1,045	<b>1,045</b>	1,045
Water supply and sewerage books	<b>1,700</b>	1,700	<b>1,700</b>	1,700
IESL T-shirts	<b>167,895</b>	312,183	<b>53,195</b>	196,743
Irrigation Development in Sri Lanka	<b>157</b>	157	<b>157</b>	157
Air, maritime and rail transport	<b>1,750</b>	1,750	<b>1,750</b>	1,750
Domestic wiring book	<b>364</b>	3,138	<b>364</b>	3,138
Log book	<b>30,880</b>	58,906	<b>30,880</b>	58,906
Umbrella	<b>1,638</b>	37,256	<b>1,638</b>	37,256
Lapel pin	<b>325</b>	325	<b>325</b>	325
Directories	<b>79,469</b>	88,524	<b>79,469</b>	88,524
Stationery	<b>846,825</b>	547,485	<b>846,825</b>	547,485
Caps and hats with embroidery	<b>72,526</b>	500	<b>72,526</b>	500
Pendent	<b>12,775</b>	12,775	<b>12,775</b>	12,775
Twin pen	<b>22,680</b>	37,215	<b>22,680</b>	37,215
Hybrid vehicles monograph	<b>40,656</b>	46,200	<b>40,656</b>	46,200
Library index	<b>105,938</b>	105,938	<b>105,938</b>	105,938
Lighting protection	<b>16,405</b>	20,740	<b>16,405</b>	20,740
Monograph of Cement - English	<b>32,324</b>	34,760	<b>32,324</b>	34,760
Car Sticker - Engineer (Sale)	<b>11,752</b>	61,594	<b>11,752</b>	61,594
IESL Charter Badge	<b>24,000</b>	39,750	<b>24,000</b>	39,750
Other Items	<b>230,117</b>	145,646	<b>230,117</b>	145,646
Sales Items Stock: Consumable	<b>3,936</b>	4,197	<b>3,936</b>	4,197
	<b>2,133,278</b>	2,140,665	<b>2,018,578</b>	2,025,226





The Institution of Engineers, Sri Lanka  
**NOTES TO THE FINANCIAL STATEMENTS**  
Year ended 31 December 2019

**20. ACCOUNTS RECEIVABLES**

	Group		Institute	
	2019 Rs.	2018 Rs.	2019 Rs.	2018 Rs.
Staff loans	6,847,550	5,515,994	6,610,216	5,101,730
Receivable against returned cheques	-	65,008	-	65,008
Other receivables	97,117	115,848	97,117	115,848
Receivable from events	49,000	49,000	49,000	49,000
IET Sri Lanka	163,892	153,511	163,892	153,511
Society of Structural Eng.	59,375	48,695	59,375	48,695
Techno Exhibition	5,679,727	4,155,475	5,679,727	4,155,475
Accounts Receivable: From Universities	183,999	2,859,232	183,999	2,859,232
Accounts Receivable: From Overseas Chapters	128,713	-	128,713	-
CPD Income receivable	195,960	1,527,660	195,960	1,527,660
Accounts Receivable: Engineering Council	-	343,035	-	343,035
Accounts Receivable: From Seminars: Ann. Session Seminar	92,000	313,500	92,000	313,500
VAT receivable	4,190,188	2,160,395	4,190,188	2,160,395
Accounts Receivable: From Seminars: Hydraulic Modelling Using HEC	20,000	210,000	20,000	210,000
Course fees - Advanced diploma stage 01	2,305,000	2,430,000	-	-
Course fees - Advanced diploma stage 02	2,015,001	2,115,001	-	-
Surcharge - Certificate level stage 02	10,000	10,000	-	-
Surcharge - Advanced diploma stage 01	17,500	17,500	-	-
Surcharge - Advanced diploma stage 02	17,000	17,000	-	-
Course fee - Graduate diploma	4,320,000	2,932,000	-	-
Surcharge - Graduate diploma	40,000	40,000	-	-
Surcharge - Full time semester 02	30,000	30,000	-	-
Registration fee receivable	10,000	10,000	-	-
ESC Receivable	1,777,512	1,168,337	196,194	-
WHT Receivable	311,460	-	-	-
Medical Insurance Recover	-	237,544	-	-
Provision for Course fee Receivable	(4,539,501)	(3,159,501)	-	-
	<b>24,021,492</b>	<b>23,365,234</b>	<b>17,666,380</b>	<b>17,103,089</b>

**21. DEPOSITS, PREPAYMENTS AND ADVANCES**

CEB security deposit	575,000	575,000	575,000	575,000
Deposit - Director of Telecommunication	-	29,125	-	29,125
Festival advances	95,000	94,500	95,000	94,500
Salary advance	241,000	21,000	226,000	-
BMICH reservation	300,000	950,000	300,000	950,000
Prepaid medical insurance	341,161	668,297	341,161	251,593
Refundable deposit	2,500	92,500	2,500	2,500
Service agreement	229,809	296,986	229,809	296,986
Prepaid general insurance	31,272	15,742	31,272	15,742
Cash advance (JIY, P/R Interview, YMS, Sec.Comit)	416,541	115,200	416,541	115,200
Other prepayment and advances	214,956	11,084	214,956	11,084
Pre Payment - Engineering Council	12,823,200	-	12,823,200	-
Advance payment - IESL event	567,113	632,862	567,113	632,862
Insurance: Recovery from Employees	227,948	178,025	227,948	178,025
Advance Payment for Christmas Party	-	34,180	-	34,180
Advance Payment - Purchase of Fixed Assets	-	2,716,199	-	2,716,199
NBT Paid in Advance	7,600	-	7,600	-
	<b>16,073,100</b>	<b>6,430,701</b>	<b>16,058,100</b>	<b>5,902,996</b>



**22. FINANCIAL ASSETS**

	Group		Institute	
	2019 Rs.	2018 Rs.	2019 Rs.	2018 Rs.
Bank of Ceylon - A/C No. 2355742	1,200,000	1,200,000	1,200,000	1,200,000
Bank of Ceylon - A/C No.74932553	81,997,489	74,391,862	81,997,489	74,391,862
Bank of Ceylon - A/C No.74565272	50,000,000	50,000,000	50,000,000	50,000,000
Bank of Ceylon - A/C No.78879369	-	20,000,000	-	20,000,000
Bank of Ceylon - A/C No.81674526	37,744,190	34,238,050	37,744,190	34,238,050
Bank of Ceylon - A/C No.82399623	20,000,000	20,000,000	20,000,000	20,000,000
Bank of Ceylon - A/C No.83978841	10,000,000	-	10,000,000	-
Bank of Ceylon - A/C No.83978846	10,000,000	-	10,000,000	-
Interest Receivable	8,855,799	6,502,186	8,855,799	6,502,186
	<b>219,797,478</b>	<b>206,332,098</b>	<b>219,797,478</b>	<b>206,332,098</b>

**23. CASH AND CASH EQUIVALENTS**

**Favourable balances**

Cash in hand	512,176	515,008	405,007	512,870
Cash at bank	40,721,467	41,903,065	36,132,380	23,339,614
Time deposits	68,500,506	62,762,599	-	-
	<b>109,734,149</b>	<b>105,180,672</b>	<b>36,537,387</b>	<b>23,852,484</b>

**Bank overdraft**

	<b>(4,055,353)</b>	<b>(4,827,383)</b>	<b>(3,950,212)</b>	<b>(3,456,489)</b>
	<b>105,678,796</b>	<b>100,353,289</b>	<b>32,587,175</b>	<b>20,395,995</b>

**24. FUNDS BACKED BY SPECIFIC INVESTMENTS**

**Dr Sri Lakshman De Silva**

Balance as at 01.01.2019	61,627	56,373	61,627	56,373
<b>Add:</b> Contribution during the year	-	5,254	-	5,254
<b>Less:</b> Cash award	-	-	-	-
Balance as at 31.12.2019	<b>61,627</b>	<b>61,627</b>	<b>61,627</b>	<b>61,627</b>

**E.C. Fernando Memorial Award**

Balance as at 01.01.2019	275,874	275,874	275,874	275,874
<b>Add:</b> Contribution for the year	-	-	-	-
<b>Less:</b> Cash awards	-	-	-	-
Balance as at 31.12.2019	<b>275,874</b>	<b>275,874</b>	<b>275,874</b>	<b>275,874</b>

**M. Chandrasena Award**

Balance as at 01.01.2019	62,744	72,744	62,744	72,744
<b>Add:</b> Contribution for the year	-	-	-	-
<b>Less:</b> Cash awards	<b>(10,000)</b>	<b>(10,000)</b>	<b>(10,000)</b>	<b>(10,000)</b>
Balance as at 31.12.2019	<b>52,744</b>	<b>62,744</b>	<b>52,744</b>	<b>62,744</b>



**24. FUNDS BACKED BY SPECIFIC INVESTMENTS (Contd...)**

	Group		Institute	
	2019 Rs.	2018 Rs.	2019 Rs.	2018 Rs.
<b>E.W. Karunaratne Award</b>				
Balance as at 01.01.2019	247,676	267,676	247,676	267,676
<b>Add:</b> Contribution for the year	-	-	-	-
<b>Less:</b> Cash awards	(19,950)	(20,000)	(19,950)	(20,000)
Balance as at 31.12.2019	227,726	247,676	227,726	247,676
<b>N.D. Peries Memorial Award</b>				
Balance as at 01.01.2019	101,790	106,790	101,790	106,790
<b>Add:</b> Contribution during the year	-	-	-	-
<b>Less:</b> Cash awards	(5,000)	(5,000)	(5,000)	(5,000)
Balance as at 31.12.2019	96,790	101,790	96,790	101,790
<b>Ray Wijewardana Award</b>				
Balance as at 01.01.2019	150,000	120,000	150,000	120,000
<b>Add:</b> Contribution During the Year	30,000	30,000	30,000	30,000
<b>Less:</b> Cash awards	-	-	-	-
Balance as at 31.12.2019	180,000	150,000	180,000	150,000
<b>Wimalasurendra Award Fund</b>				
Balance as at 01.01.2019	1,000,000	1,000,000	1,000,000	1,000,000
<b>Add:</b> Contribution during the year	-	-	-	-
<b>Less:</b> Cash awards	-	-	-	-
Balance as at 31.12.2019	1,000,000	1,000,000	1,000,000	1,000,000
<b>S.D. and C.C. Award</b>				
Balance as at 01.01.2019	950,500	970,500	950,500	970,500
<b>Add:</b> Contribution during the year	-	-	-	-
<b>Less:</b> Cash awards	(20,000)	(20,000)	(20,000)	(20,000)
Balance as at 31.12.2019	930,500	950,500	930,500	950,500
<b>Migara Ratnatunga Trust Fund</b>				
Balance as at 01.01.2019	10,000	-	10,000	-
<b>Add:</b> Contribution during the year	-	10,000	-	10,000
<b>Less:</b> Cash awards	-	-	-	-
Balance as at 31.12.2018	10,000	10,000	10,000	10,000
<b>Benevolent Fund - Bank of Ceylon</b>				
Balance as at 01.01.2019	8,327,797	8,362,883	8,327,797	8,362,883
<b>Add:</b> Contribution during the year	2,105,556	903,655	2,105,556	903,655
<b>Add:</b> Interest for the year	830,850	761,259	830,850	761,259
	11,264,204	10,027,797	11,264,203	10,027,797
<b>Less:</b> Expenditure Incurred during the year	(1,100,000)	(1,700,000)	(1,100,000)	(1,700,000)
Balance as at 31.12.2019	10,164,203	8,327,797	10,164,203	8,327,797
<b>Other Funds</b>				
Funds received for P/A system from members	625,000	625,000	625,000	625,000
Benevolent Fund: Flood Relief	115,600	115,600	115,600	115,600
	740,600	740,600	740,600	740,600
<b>Balance as at 31.12.2019</b>	<b>13,740,064</b>	<b>11,928,608</b>	<b>13,740,064</b>	<b>11,928,608</b>



The Institution of Engineers, Sri Lanka  
**NOTES TO THE FINANCIAL STATEMENTS**  
Year ended 31 December 2019

25. RETIREMENT BENEFIT OBLIGATION	Group		Institute	
	2019 Rs.	2018 Rs.	2019 Rs.	2018 Rs.
Balance at the beginning of the year	11,480,817	10,164,423	8,754,348	8,465,371
<b>Add:</b> Provision for the year	2,085,655	2,456,694	1,755,115	1,429,277
<b>Less:</b> Paid during the year	(255,500)	(1,140,300)	(255,500)	(1,140,300)
Balance at the end of the year	<b>13,310,972</b>	11,480,817	<b>10,253,963</b>	8,754,348

26. ACCOUNTS PAYABLE

Library deposits	1,800,309	1,554,689	1,800,309	1,554,689
Accrued charges	7,879,835	7,607,255	7,879,835	7,607,255
Payable to Engineering Council, Sri Lanka	3,380,400	-	3,380,400	-
Retention money - building contractor	859,413	844,348	859,413	844,348
Refundable deposit	83,500	108,500	83,500	108,500
IESL NSW chapter	141,275	141,275	141,275	141,275
NBT Payable	651,998	12,330	431,290	-
ESC Payable	302,069	227,620	302,069	227,620
Other payables	5,030,476	6,303,915	778,100	245,626
Audit fees payable	581,847	652,061	318,777	382,061
	<b>20,711,123</b>	17,451,993	<b>15,974,968</b>	11,111,374

27. RECEIPTS IN ADVANCE

Members' fee	14,437,184	8,177,859	14,437,184	8,177,859
Others	-	200,000	-	200,000
Advance received for Professional review exam	5,160,416	-	5,160,416	-
Amount Received in Advance - Examination Fee	-	19,750	-	-
Amount Received in Advance - Semester 7	-	125,000	-	-
Amount Received in Advance - Course Fee AD2	-	250,000	-	-
Amount Received in Advance - Course Fee GD	-	2,550	-	-
	<b>19,597,600</b>	8,775,159	<b>19,597,600</b>	8,377,859

28. COMMITMENTS AND CONTINGENCIES

There were no commitments and contingencies existing as at the reporting date.

29. CONTINGENT LIABILITIES AND CONTINGENT ASSETS

29.1 Contingent Liabilities

There were no contingencies existing as at the reporting date.



### 30. ASSETS PLEDGED

Following assets have been pledged against the credit facilities obtained from financial institutions.

#### The Institution of Engineers, Sri Lanka

Name of the financial institution	Nature of the facility	Assets pledged	Facility granted Rs.	Balance outstanding Rs.
Bank of Ceylon	Bank overdraft	Fixed deposit A/C No. 2355742	1,050,000	-

#### IESL College of Engineering (Pvt) Ltd

Name of the financial institution	Nature of the facility	Assets pledged	Facility granted Rs.	Balance outstanding Rs.
Bank of Ceylon	Bank Overdraft	Fixed deposit	9,000,000	-

\* Statement of Financial Position represents a Book Overdraft.

### 31. EVENTS OCCURRING AFTER THE REPORTING DATE

During the year 2016, the case bearing No. CA (writ) application 26/2017 was filed in the Court of Appeal by 46 petitioners to restrain any one or more of respondents from taking any steps whatsoever to suspend, revoke or otherwise discontinue or reduce the efficacy of the courses that have been offered and to maintain the status quo in respect of all study programmes and other activities conducted by the IESL College of Engineering (Pvt) Ltd which fully owned subsidiary of The Institution of Engineers, Sri Lanka until the final determination of the case. Which was dismissed by the Court of Appeal via verdict given on 06 March 2020.

There have been no other material events occurring after the reporting date that require adjustments to or disclosure in the financial statements.

### 32. RELATED PARTY TRANSACTIONS

The institution has entered into contracts in the normal course of business with the following subsidiary company, in which Eng. (Prof.) S B S Abayakoon, Eng. (Prof.) T M Pallewatta, Eng. K P I U Dharmapala, Eng. J A G R Jayalath, Eng. Dr. Kamal Laksiri, Eng. Kosala Kamburadeniya, Eng. Neil Abeysekera are the directors of the said company.

The institute entered into the following transactions with the related company.

Name of the company	Relationship	Nature of the transaction	Value	
			2019 Rs.	2018 Rs.
IESL College of Engineering (Pvt) Ltd	Subsidiary	Rent income received	135,482	799,531



## BOARD OF TRUSTEES 2019/2020

Eng.(Dr.) Ananda Ranasinghe functioned as the Chairman of the Board of Trustees. Eng. Tilak De Silva, Eng. Shavindranath Fernando, Eng.(Dr.) S B Wijekoon and Eng. W Gamage were serving as the other members of the Board of Trustees by the end of the session.

### Benevolent Fund

Eng.(Dr.) Ananda Ranasinghe served as the Chairman of the Board of Management of the Benevolent Fund in his ex officio capacity as the Chairman of the Board of Trustees.

Eng. Prof. S. B. S. Abayakoon – President, Eng. (Prof.) T M Pallewatta - Immediate Past President, Eng. M G Hemachandra - Honorary Treasurer and Eng. Neil Abeysekera – CEO/Executive Secretary also served the Board as ex-officio members.

The following were the other members of the Board of Management of the Benevolent Fund as at the end of the Session:

Eng.(Dr.) Ananda Ranasinghe – Chairman  
Eng. P Chulani Perera  
Eng. R B Kumarapathirana  
Eng. K S Mangala Silva  
Eng.(Dr. ) U P Nawagamuwa  
Eng. Malith Mendis  
Eng. Indika Walpitage

The Benevolent Fund managed by the Board of Trustees stood at Rs. 9,685,774/42 as at 16/09/2020.

Balance as at 01-09-2019	Rs. 8,542,196.79
Contribution from 16-09-2019 to 15-09-2020	Rs. 2,381,023.63
Interest Income from Fixed Deposit No 75868128	Rs. 961,116/72
Fund Disbursements	Rs. (1,237,446)
Balance as at 15-09-2020	Rs. 9,685,774/42

During the session an amount of Rs.1,237,446 was provided from the Benevolent Fund to Seven (07) applicants by way of financial assistance.

# STANDING COMMITTEES - 2019/2020

## 01. CPD Committee

### Continuing Professional Development

Continuing Professional Development (CPD) is an integral part of the professional framework for Engineers. CPD is the planned acquisition of technical competence, experience, professional skills, professional values, ethics and attitudes for proper execution of the professional duties throughout our career. CPD is a requirement for obtaining and maintaining the Charter and Professional Engineer (PEng) status.

IESL's CPD programs are a framework which facilitates lifelong learning for engineering professionals to remain relevant in today's dynamic environment due to the following reasons:



### Continuing Professional Development Committee

Continuing Professional Development Committee (CPDC) of the Institution of Engineers Sri Lanka is responsible for development and timely review of CPD policies, assessing and evaluating the CPD needs, and conducting CPD programs to cater the professional development of our engineers. CPDC, which is one of the standing committees of IESL was chaired by the **Vice President, Eng. J A G R Jayalath** for the session 2019/20. CPDC held eight (8) monthly meetings during the session.

CPDC appreciates the contribution of all committee members, other volunteers, business partners, CPD coordinators, resource persons who were collaborated with IESL CPDC to conduct CPD programs and the secretariat staff.

### Key strategic initiatives

Several key strategic initiatives were introduced during the session to uplift the quality and relevance of CPD Education:

## Going digital with CPD Education to reach out to thousands of members anywhere at an affordable fee

To deliver RESULTS in today's fast paced life-work environment, it is at utmost importance that Engineers become lifelong learners. Our members living locally and overseas must be able to acquire a wide spectrum of knowledge at their convenience. The IESL CPD Digital Learning initiative was introduced during the session 2017/18 with four free courses.

With the continued request from members to embark their continuing professional development through digital learning offerings, CPDC formalized the digital learning academy (DLA) with fee based courses during the second quarter of the session 2018/19.

The year 2020 was a challenging year for CPDC due to the unexpected health and safety concerns experienced during the covid-19 pandemic. CPDC, hence redefined its strategy to offering a higher number of digital CPD courses and convert the classroom-based courses to e-class room based courses whenever possible without compromising the program Accordingly, designing of twenty-five (25) new digital courses were initiated during the year.



## Building institutional partnerships with training arms of large state and private sector organization to deliver organization specific CPDC courses /custom training delivery & promote digital courses

CPDC initiated discussions with public & private engineering arms during the sessions to identify the industry specific CPD needs to design focused and best in class CPD courses to uplift the competencies and skills of our engineers.



## Implementation of CPDC tracking through the new Management Information System

Implementation of CPDC tracking through the new Management Information System is in progress and the CPD records will be updated in the member profile in the future with full operationalization of the new Management Information System.

## Process improvements, efficiencies & sustainability

In order to reduce cycle time of CPD programmes, the information gathering for decision making were revisited and introduced new forms and templates, introduced technology solutions as a continuous collaborative platform for faster decision making, collecting CPD course feedback online during and end session intervals to take preventive and corrective actions where necessary, set standards for issuing CPD certificates soon after the course completion.

## New CPD courses launched during the session 2019/2020

Newly Launched Face to Face CPD courses	
<ul style="list-style-type: none"><li>• Introduction to Biomimicry for Innovative Design Solutions</li></ul>	<ul style="list-style-type: none"><li>• Public Speaking and Presentation Skills</li></ul>

Newly Launched Digital CPD courses	
<ul style="list-style-type: none"><li>• Energy Cost Saving Through ISO 50001 Energy Management System Training</li></ul>	<ul style="list-style-type: none"><li>• New &amp; Innovative Smart Cement Technology with Real Time Monitoring &amp; Behavior Models</li></ul>
<ul style="list-style-type: none"><li>• Industrial Relations for Engineers</li><li>• Lean Management for Engineers</li><li>• Solar Photovoltaic Technology</li><li>• Labour Law for Engineers</li><li>• Workplace Safety for Engineers</li><li>• Six Sigma White Belt</li><li>• MS Project 2013/2016</li></ul>	<ul style="list-style-type: none"><li>• Heating, Ventilation &amp; Air Conditioning</li><li>• Engineering the Mindset for Managerial Leadership</li><li>• Building Information Management</li><li>• Project Management Professional (PMP) certification</li><li>• Intellectual Property &amp; Technology Transfer</li></ul>

## Performance of Continuing Professional Development

The growth of Continuing Professional Development programmes and the new initiatives over the years have assured promising future prospects in harnessing the competencies and skills of our members. Although the operations of face to face CPD courses had to temporarily discontinue for half of the session due to unexpected health and safety concerns experienced during the covid-19 pandemic, CPDC and the IESL CPD team were geared to serve the membership by strategically adapting to this unfavorable circumstances. This was the main reason for achieving the performance similar to the previous sessions, irrespective of the adverse conditions.

### CPD performance & progress over the recent 5-year period

Session	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020 <sup>(N1)</sup>
No. of Courses	21	34	34	54	50 <sup>(N2)</sup>
No. of Participants Served	1,087	1,799	6,564	1597	2,035 <sup>(N3)</sup>
Booked Income (LKR)	24,809,475	41,649,000	42,754,000	45,965,200	36,742,810
Cash Received (LKR)	29,032,225	36,512,315	37,031,400	38,094,059	37,599,010

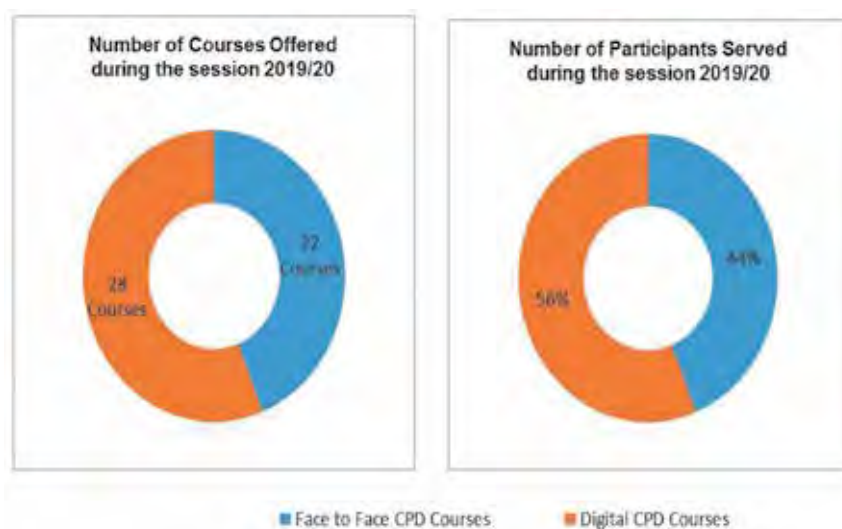
#### Notes:

N1: All sessions are reported with data from November of a year to October of the following year.

N2: No. of courses conducted in 2019-2020 session includes 4 face to face courses & 3 digital learning courses which are scheduled to be held during the month of October 2020.

N3: No of Participants during the session 2019-2020 includes 887 participants registered for digital learning courses and 906 participants for face to face courses. Total no. of participants for the session 2019-2020 includes 207 forecasted participants from the courses which are scheduled to be commenced during the month of Oct 2020.

Booked income & cash received during the session 2019-2020 includes forecasted income of Rs. 9 million.



Towards the journey of continuous improvement and maintaining the professional standards, the Institution of Engineers, Sri Lanka is committed to uplift the quality and relevance of the CPD programmes in the future by supporting thousands of our engineers to remain relevant with the global challenges and completion.

(Reported by Eng. J.A.G.R. Jayalath, Chairman - CPD Committee)

## 02. Education Committee

The Education Standing Committee (ESC); the engineering education arm of the Institution, during the session 2019/20 concentrated to uplift the professional engineering education standards by upholding the quality and relevance of professional engineering education in Sri Lanka. ESC is committed to extend its continuing support by regulating the standards of the engineering degree programmes conducted in Sri Lanka as a strategic priority in order to nurture the budding engineering professionals, competent and confident through quality education.

### Education Standing Committee of the Session 2019/20

Education Standing Committee of the Institution of Engineers Sri Lanka is one of the standing committees of IESL which was chaired by the **Vice President, Eng. (Dr.) Kamal Laksiri** for the session 2019/20. ESC held ten (10) meetings during the session.

ESC appreciates the contribution of all the committee members, panel members, subcommittee members, and engineering degree awarding institutes, other volunteers and the secretariat staff who productively and continuously support its activities.

### **Key policy decisions and activities**

#### **❖ Recognition of Engineering Degree Programmes for the Associate and Affiliate Memberships of the IESL**

- ESC published the amendments to the “Manual for Recognition of Four Year Engineering Degrees Conducted in Sri Lanka” on evaluation of distance learning engineering degree programs in Sri Lanka and “Engineering Technology Degree Programs Recognition Manual”.
- The Institution of Engineers, Sri Lanka has recognized thirty-six (36) professional engineering degree programmes for the Associate Membership of the Institution.
- During the session 2019/2020, five (5) degree programme recognition applications were received from the academic institutes, seven (7) degree programme recognition evaluations were completed and processing thirteen (13) degree programmes recognition evaluations as of 30 August 2020.

#### **❖ Evaluation of academic qualifications for the Associate and Affiliate Memberships of IESL**

- ESC accepted 198 new applications for academic qualification assessment, completed 358 evaluations and processing 88 evaluation applications as of 30 August 2020.
- Eighty-eight (88) Viva Voce presentations and Eighteen (18) project report evaluations were completed.

#### **❖ Development of Syllabuses for General Qualifying Examinations for the Associate Membership**

ESC identified the need for revising the Qualifying Examination Syllabuses for AMIE(SL) and published the General Qualifying Examination syllabuses for six (6) engineering disciplines during the session. The focus of this examination is to test the broader knowledge in the specific engineering discipline and graduate attributes (as outlined in Manual for Recognition of Four Year Engineering Degrees Conducted in Sri Lanka).

#### **❖ Induction & Graduation Ceremony 2020**

During the session, eighteen (18) students who successfully completed the IESL Engineering Course & IESL Qualifying Examinations were graduated at the Induction & Graduation Ceremony 2020.

#### **❖ IESL Qualifying Examinations**

Qualifying examinations were conducted for over 1,800 candidates as of 30th September 2020.

Examination	Examination Session	No. of Examination Subjects	No. of Candidates
Part I Examination	November 2019	3	5
Part II Examination	December 2019	13	71
Part III Examination	January 2019	21	966
Part III Examination	December 2019	20	631
Entry Qualifying Examination	August 2019	2	47
Entry Qualifying Examination	December 2019	2	48
Entry Qualifying Examination	September 2020	2	55
<b>Total</b>		<b>63</b>	<b>1,823</b>

**Notes:**

Note: IESL General Qualifying Examinations will be held in October 2020.

(Reported by Eng. (Dr.) Kamal Laksiri, Chairman - Education Committee)

### **03. Finance & Procurement Committee**

The CEO/Executive Secretary and the Manager Finance attended the meetings of the Finance & Procurement Committee as Ex-officio members.

#### **Financial Status**

The investment on Fixed Deposits stood at Rs 207,076,843/- as at 2019/12/31.

#### **Auditors**

Ernst & Young functioned as the Auditors for the year 2019

Based on the recommendations made by the *Finance & Procurement* Committee and the approvals of the Council, the IESL implemented the following:

#### **1. Renewal of NITF Health Insurance Policy**

NITF Health Insurance Policy for 2020 was renewed with 19 members. This scheme commenced on 1st December 2011 and since then it has been successfully continuing by providing benefits to the policy holders.

#### **2. Renewal of staff Health Insurance 2020/2021**

The Staff Insurance policy with Fairfirst Insurance for the 2019/2020 was renewed.

#### **3. Secretariat shifting to rear Building**

Carrying out following works for the Secretariat shifting.

Partitioning	Rs. 1,718,404/-
Electrical, Data, Telephone & CCTV	Rs. 3,292,150/-
Internal painting/Customized counter at the front office/New Carpeting inside the office/Additional air- conditioning/Curtains/Equipment for pantry	Rs. 1,121,250/-

#### 4. External Auditors for Chapter

Conducting annual audits of IESL Chapters by the IESL auditors once in three years by a firm appointed by the IESL, starting from 2019/2020 financial year after receiving cost estimates for the auditing.

(Reported by Eng. Prof. S.B.S. Abayakoon, Chairman - Finance & Procurement Committee)

### 04. Library and Publications Committee

1. The Library and Publication committee (LP&C) had 09 meetings during the session 2019/2020. April/ May 2020 L&P meetings were not held due to the COVID-19 situation in the country.

#### 2. Library Membership

As on 1st of September 2020, 6753 members had taken the library membership compared with last year, 308 new members had taken the membership. This session L&P committee with the assistance of the Library Development Committee launched a membership promotion campaign and provided library membership for IESL members for free during 1st February 2020 to 28th February 2020.

#### 3. Library Verification 2020

The Library verification 2020 was conducted during the period 21st~ to 23rd February 2020 under the supervision of Library and Publication Committee Chairman, Eng. Kosala Kamburadeniya and Honorary Librarian Eng. (Ms) S Samararatne.

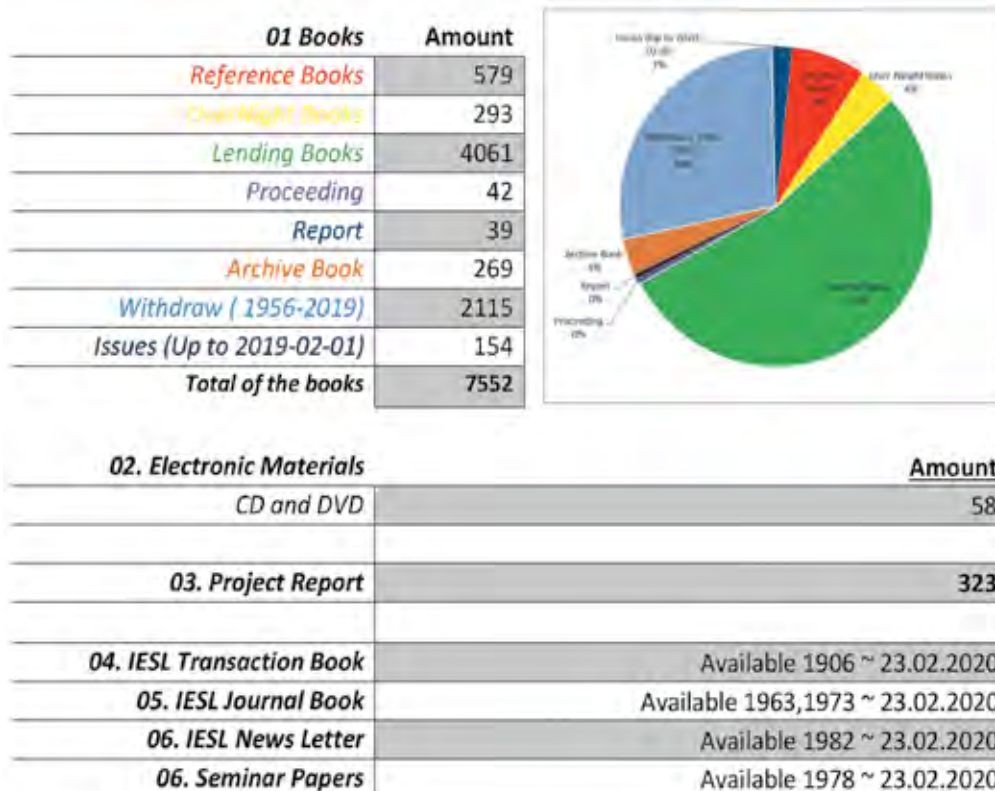


Figure 01. Summary of the Library Verification 2020 (as it was on 20/02/2020)

#### **4. E-Repository**

IESL E-Repository work commenced in collaboration with the National Science Foundation has been temporarily deferred due to the COVID-19 situation in the country. Project to be finalized by 2020.

#### **5. Purchase of library resources, services and other facilities.**

- During this session 2019/2020, LP&C has arranged to purchase Design Standards, manuals and other engineering related books altogether worth of Rs. 71075.00. Further to that, it has arranged to purchase books worth of 600,000.00 considering the requests by Sectional Committees and IESL members for the session.
- For Library infrastructure development, the following items were purchased.
  - a. Steel Cupboards (2 Nos for archiving reference books)
  - b. Renovation of curtains for the windows
  - c. Barcode printing machine
- Edna Engineering Pvt Limited donated an electronic scale for the library to be used for the courier service offered to members to lend/borrow books from the library.
- With the approval from the council, L&P has launched a project to automate the library application procedure which has been conducting manually since the establishment of the IESL library. The work is to be finalized by the end of 2020.

#### **6. Technical Paper Transactions – 114th Annual Sessions**

A licensed version of the online conference management system “Easy Chair” was purchased and is being used for the administration of this year’s annual paper submissions. Total cost for the “Easy Chair” OCMS was \$ 320.

Initially, 232 Abstracts were received for the 114th Annual Sessions. Altogether 123 papers had been sent to referees. The conference is scheduled to be held from 26th to 28th October 2020. Considering the COVID-19 situation in the country it was decided by the L&P and the Editorial Board to organize the conference through hybrid mode (Online audience participation and physical presentations).

#### **7. Technical Publications**

- (i) Following two publications are under preparation, and LP&C intends to complete printing by the end of this year (2020).
  - a. Net metering by Eng. Shavindranath Fernando.
  - b. Sanitary Engineering by Eng. Dr. (Ms) B. C. L. Atapattu.
- (ii) Proposals for new technical publications  
L&P committee and the council approved the proposals of the following technical publications to be prepared. The work of the following technical papers is undergoing and scheduled to be published by 2021
  - a. Plumbing Vents in Buildings
  - b. Water Management Systems in Ancient Pond Complex “Ranmasu Uyana”
  - c. Air Conditioning
  - d. Precast Pre Stress and post-tension technology and application in Sri Lanka

## 8. E-Library

With the technical advantages in the world, libraries are moving towards e-libraries or cloud-based library systems. Understanding this trend in the world, L&P has decided to launch a new project to establish an e-library for IESL members. The project has been approved by the council and will be finalized by the end of 2020.

## 9. L&P Events

The book launch ceremony for the IESL publication “Foundry industry in Sri Lanka” was held on 23rd January 2020 from 3.00 pm at IESL Wimalasurendra Auditorium with the participation of around 150 members.



## 10. TISC Activities

IESL Staff members participated for an workshop organized by the National Intellectual Property Office in Sri Lanka (NIPO) under the project “Enabling Innovation Environment (EIE)”.

(Reported by Eng. Kosala Kamburadeniya, Chairman - Library and Publications Committee)

## 05. Professional Affairs Committee

Professional Affairs Committee had seven (7) meetings during the session 2019/2020 chaired by the President Eng. (Prof) S B S Abayakoon.

Professional Affairs Committee mainly involved in following six (6) major areas during the session.

1. Publication of Directories
2. Entrepreneurship Forum
3. Water Forum
4. National Policy Forum
5. Free Trade Agreement
6. Community Service Projects

## (1). Publication of Directories

- **Arbitrator/Adjudicator Directory**

In the year 2020, one (01) new Arbitrator and sixteen (16) new Adjudicators were added to the existing directory. In the Year 2020/2021 Directory, fifteen (15) Arbitrators and eighty two (82) Adjudicators are listed in total. Directory printing process is currently in progress.

- **Structural Engineers' Directory**

As per the council decision, it was decided to have a single panel to conduct structural engineers' interviews, and PA committee appointed a panel accordingly in concurrence with the Council.

In the year 2020, twenty (20) new Corporate Members were added to the existing directory in different categories as follows. Preparation of the Directory is currently in progress.

Category	No of Engineers
Intermediate Category (up to 8 floors)	01
Middle Rise Category (up to 12 floors)	08
High Rise A (up to 20 floors)	10
High Rise B (more than 20 floors)	01

- **Building Services Engineers Directory**

Two hundred and fifty six (256) interviews for 74 applicants have to be conducted to list members in Year 2020/2021 Building Services Directory and they are in progress.

- **Directory of Consultant Engineers in ICT Systems**

In the year 2020, four (4) new members were added to the existing directory. Registration is valid for five (5) years from the date of appointment. There are eight (8) members listed in the existing directory in total.

## (2). Entrepreneurship Forum

An awareness Programme was held at University of Peradeniya with the assistance of Eng. (Ms) Jasmine Nanayakkara. Business Meet-up for Entrepreneurs was successfully held on 2020/02/27 with the participation of about 30 Engineering Entrepreneurs. They were assigned into four (4) groups and linked via WhatsApp to continue Entrepreneurial activities in the future. Due to COVID 19 pandemic, workshops could not be held as planned, but several roundtable discussions were held with the participation of 20 engineers.

## (3). Water Forum

Water forum of the IESL, celebrated the World Water Day by conducting a two day session at the IESL on 23<sup>rd</sup> and 24<sup>th</sup> September 2020 on the theme 'Water and Climate Change'. In addition to that, a competition on 'Excellence awards for water conservation' was organized. Winners have been identified after an evaluation process and their names will be published formally.

National Water Supply Board and WHO had successfully conducted a Water Quality Audit, which would have been the first of that nature in South East Asian region. The audit was funded by the WHO. In year 2020 also another similar audit is to be conducted and Chairman of the Water Forum wishes to conduct it through the Water Forum.



#### (4). National Policy Forum

Policy Forum was established to look into the Infrastructure and Industrial Policies of the Government in connection with Economic Development of Sri Lanka. A program on the topic “Conducive Policies for Port sector development” was successfully held on 31<sup>st</sup> January 2020. A report of the programme was handed over to His Excellency the President.

#### (5). Free Trade Agreements

Twitter account by the name of the IESL President has been created and some actions of national importance taken by the IESL have been ‘Twittered’ via this account. This practice will be continued in the future as well.

#### (6). Community Service Projects (CSP)

Various Community Service Projects were carried out by the Sectional Committees including, donating a Public Address System, Re-doing electrical installations and donating a Multi Media Projector to A/Mhintale Maha Vidyalaya by Building Service Engineers Sectional Committee (BSESC). In addition to that, many activities related to COVID-19 had been successfully carried out by the Sectional Committees.

A guideline for CSP activities was prepared by Eng. Samantha Gunawardane on the invitation of the Professional Affairs committee and was approved by the Council.

(Reported by Eng. (Prof.) S.B.S Abayakoon, Chairman - Professional Affairs Committee)

### 06. Professional Standards Management Committee

#### MEMBERSHIP DATA

MEMBERSHIP	Total as at 15.09.2019	ADDITIONS			DELETIONS				Total as 15.09.2020	Net change during the session
		Transferred	Elected	Re-instated	Transferred	Deceased	Suspended	For non-payment of Subscriptions for 2019		
FELLOWS	519	16		8		2		15	526	7
HONORARY FELLOWS	3	0						0	3	0
MEMBERS	5,100	304	1	231	16	1		389	5,230	130
ASSOCIATE MEMBERS	11,406	834	471	804	304			1,617	11,594	188
AFFILLIATE MEMBERS	142	0	19	8				24	145	3
COMPANION	9	1				1		0	9	0
ASSOCIATES	35	5		1				9	32	-3
STUDENT MEMBERS	5,180		579	647	834			2,863	2,709	-2471
TOTAL	22,394	1,160	1,070	1,699	1,154	4		4,917	20,248	

Please Note:

1. During 2019/20 session 14 Fellows and 32 Members were transferred to Honorary Life Fellow and Honorary Life Member category respectively. These figures are not indicated separately in the above Table.
2. Total number of 305 new Chartered Engineers were added during the year from normal PR Route while 01 admitted under special route and 04 Candidates admitted under the route with membership of recognized overseas Engineering Institutions.

Nine Regular monthly meetings were held by the Professional Standards & Management Committee (PSMC) for the session 2019/2020

With the establishment of the Engineering Council, Sri Lanka (ECSL) under Act No.4 of 2017, it has become mandatory for all those engaged in the practice of Engineering in Sri Lanka to be registered with ECSL. Therefore IESL has decided to provide a special path to award corporate membership of IESL for those who possess Corporate Memberships from a recognized overseas Institution. As such a Special route is has been implemented so as to enable the practicing Engineers to obtain the IESL membership the path has been open from 15th September 2019 to 15th September 2020 and subsequently on the requests of many it has now been extended up to 31st December 2020

It was also decided to revise the Reinstatement process enabling the members whose memberships have lapsed for more than 03 years and to reinstate without readmission with the same membership number by paying a penalty and adhering to the remaining other existing guidelines as stipulated by the PSMC.

To minimize the membership lapses due to nonpayment of subscriptions in time of all membership categories, Membership Division has taken an action to keep on reminding the subscription details on a monthly basis to all active and inactive members. Due to these operation of message number of reinstated memberships have been increased and membership deactivation is expected to be decreased.

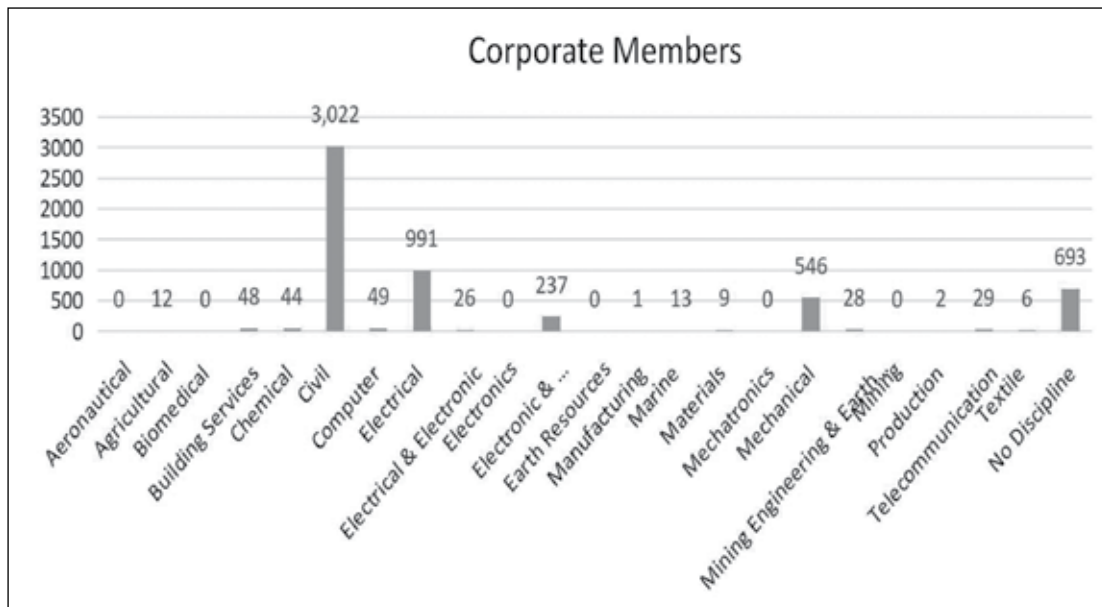
The membership division regularly updates the membership database after council approval is obtained for new Members, Transfers and Reinstatements. The system automatically archives names of members whose subscriptions are not received by 31st October of each year. Reminders for payment of subscriptions are sent regularly to the members whose payments are due, through the membership management system. Members whose names are archived need to apply for reinstatement of membership in order to regain the membership.

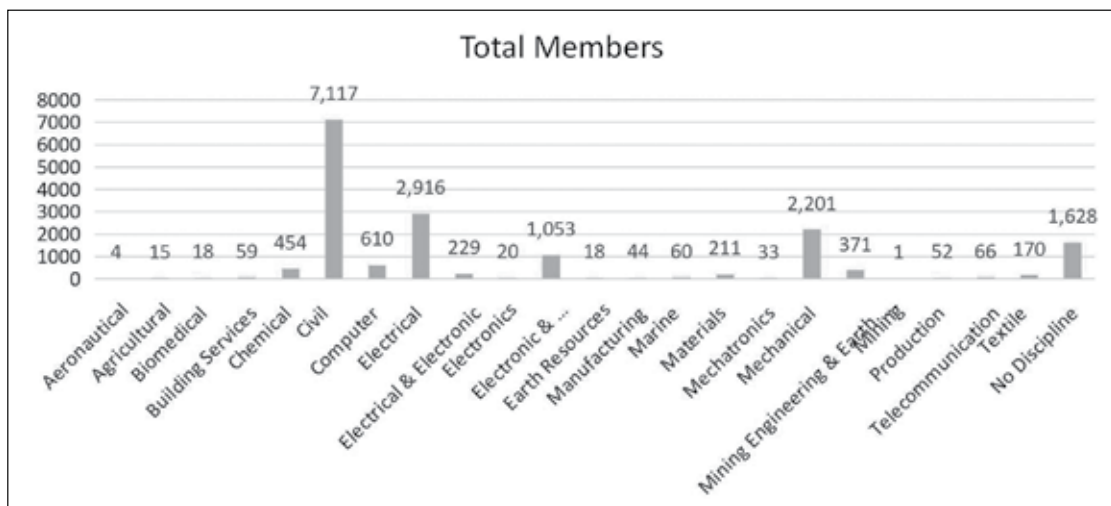
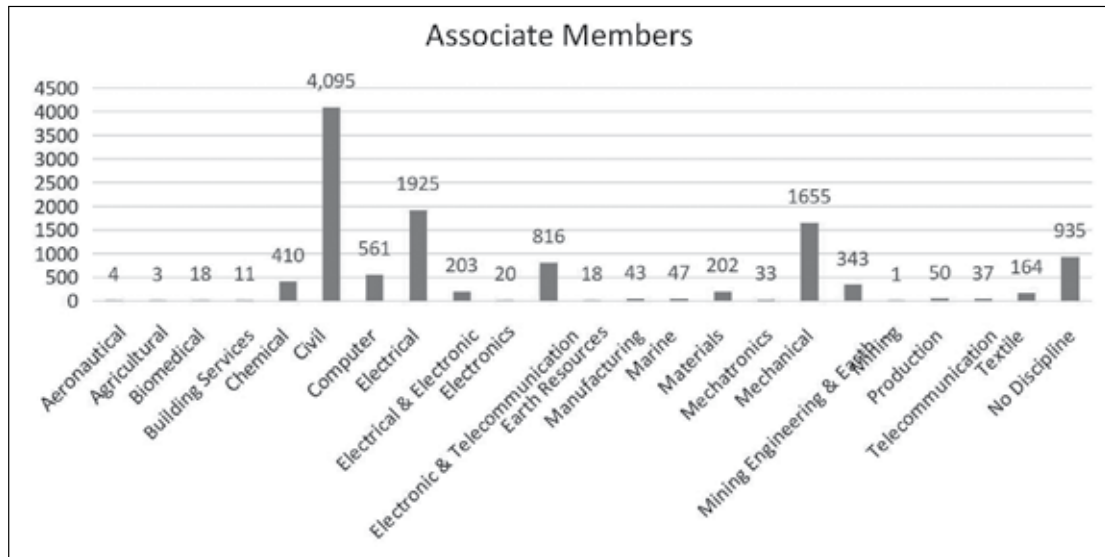
The total number of members as on 15th September 2019 was 22,394 and by 15th September 2020 is 20,248

Discipline-wise distribution of Corporate Members and Associate Members as at 15th Sept. 2020 is given in the Table below. Please note that the categories of (Affiliate, Associate, Companion & Student are not included in the table)

<b>Discipline</b>	<b>Corporate Members</b>	<b>Associate Members</b>	<b>Total</b>
Aeronautical	00	04	04
Agricultural	12	03	15
Biomedical	00	18	18
Building Services	48	11	59
Chemical	44	410	454
Civil	3,022	4,095	7,117
Computer	49	561	610
Electrical	991	1925	2,916
Electrical & Electronic	26	203	229
Electronics	00	20	20
Electronic & Telecommunication	237	816	1,053

Discipline	Corporate Members	Associate Members	Total
Earth Resources	00	18	18
Manufacturing	01	43	44
Marine	13	47	60
Materials	09	202	211
Mechatronics	00	33	33
Mechanical	546	1655	2,201
Mining Engineering & Earth Resources Engineering	28	343	371
Mining	00	01	01
Production	02	50	52
Telecommunication	29	37	66
Textile	06	164	170
No Discipline	693	935	1,628
Total	5,756	11,594	17,350





THREE MEMBERSHIP CATEGORIES FORM IESL FOR ENGINEERING COUNCIL REGISTRATION

**THREE MEMBERSHIP CATEGORIES OF IESL WILL BE REGISTERED AT ENGINEERING COUNCIL, SRI LANKA (ECSL)**

With the establishment of the Engineering Council, Sri Lanka according to Act No.4 of 2017, it has become mandatory for all those engaged in the practice of Engineering in Sri Lanka to be registered with ECSL.

As informed to the public by the ECSL, practitioners of Engineering in Sri Lanka will be registered under six designated categories in the ECSL out of which three categories (types) are under the purview of IESL, they are Chartered Engineer (Corporate members of the IESL), Associate Engineer (Associate members of the IESL), and Affiliate Engineer (Affiliate members of the IESL)

**AVAILABILITY OF RESOURCE PERSONS**

The Membership division maintains a list of Corporate Members who have been registered as Resource Persons for the Professional Review Process, which includes Eligibility Checking of candidates, Professional Review Evaluation, Evaluation of Training Organizations, Volunteering as 'Mentors' for junior engineers and other related activities. The numbers of such resource persons for the different disciplines are given in the table below, as at 15th Sept. 2020:

<b>Discipline</b>	<b>Number registered</b>
Agriculture and Plantation	04
Building Services	05
Chemical	03
Civil	193
Computer	08
Electronic	18
Electrical	47
Marine	06
Mechanical	56
Mining	04
Others	06
Total	350

With the increasing number of Charter applications envisaged due to the current trends in output of engineers and expected increase in applications due to the establishment of the Engineering Council Sri Lanka, it is important to strengthen the resource person base with trained and experienced Professional Review Evaluators, particularly in the disciplines where the existing numbers are low.

#### **PREPARATION OF GUIDELINES/RULES/CHECK LIST**

PSMC has prepared a new set of guidelines and rules including a set of forms as checklists. In addition to that, the checklist being used to accept PR documents, was revised to eliminate the errors/issues of PR Reports submitted by the applicants that helped the Panelists/Eligibility checkers to conduct a proper evaluation. Further, an index page was introduced in each PR file to mark the documents available in the file along with their page nos., to avoid possible misplacement of the documents.

#### **PROFESSIONAL REVIEW**

The Chairman and members of PSMC emphasized on the quality improvement for the charter awarding process. Several senior PSMC members of different engineering disciplines were nominated to be members of the two-member panels for eligibility checking of charter applicants under the normal route. Amendments/improvements were also added to the eligibility checking form, to eliminate weak areas of the Experience Report.

#### **PROFESSIONAL REVIEW ENGINEER IN SOCIETY “B” PAPER EXAMINATION**

There are approximately 900 Associate Members applying for the “B” Paper Examination annually and for the past few years the examination has been held in all Provincial chapters in the country. During 2018/2019 session, in line with the ‘B’ Paper examination lectures were conducted with the assistance of eminent lecturers/Engineers enabling candidates to improve their knowledge relating to 12 different questions provided in the exam paper. PSMC, decided to have “B” paper examination in Qatar chapter for Aug/Sept 2020 Session with the assistance of Sri Lankan embassy in Qatar and the Office bearers of the Chapter.

## **RECOGNIZED ORGANIZATIONS**

With the new PR Rule revision, it is strictly checked whether experience obtained by the PR candidates is recognized and countable for PR Eligibility. As a result, many organizations which employ Graduate Engineers now seek the IESL Recognition. The PSMC also made a decision to contact and inform all the Organizations of which recognition for training engineers for the Charter has already lapsed or about to lapse. The PSMC also decided to make all members aware of the necessity of obtaining training/ experience from a recognized organization. Several new potential organizations have applied for IESL recognition and number of Recognized Organizations, categorized under main disciplines, has increased to 170.

## **RECOGNITION OF CONSTRUCTION EXPERIENCE OF PR CANDIDATES WORK/WORKED IN FOREIGN COUNTRIES**

As there is no provision in the current PR Rules to recognize the construction experience gained by the PR candidates who worked for many years in heavy construction sites of organizations located overseas, PSMC has decided to develop a mechanism to recognize said experience for PR examination. This has already been formulated and ready for the implementation.

## **INDUCTION AND GRADUATION CEREMONY**

This year two (02) PR sessions were held to finalize the Results which produced 305 no of Charter awardees. The award ceremony was held on 26th September 2020 at the Main Hall of Bandaranaike Memorial International Conference Hall (BMICH), with Senior Professor Sampath Amaratunga, the Chairman, and University Grant Commission as the Chief Guest. The event was organized by the Membership Division under the leadership of PSMC, in assistance with the Education Division of the IESL.

(Reported by Eng. K.P.I.U. Dharmapala, Chairman - PSMC)

## SECTIONAL COMMITTEES: 2019/2020

### 01. Agricultural & Plantation Engineering Sectional Committee

#### 1. Election of the Committee

The Inaugural meeting of the section of Agricultural & Plantation Engineering/ Institution of Engineers was held on 30th December 2019 at room No 1 at Institution of Engineers Sri Lanka, Wijerama, Mawatha, Colombo 7.

The elected Chairman of the sectional committee for the session of 2019/20, Eng. H.C.J Thilakarathna warmly welcomed all the members who were present for the inaugural meeting. 07 members attended the Meeting. All committee members proposed to re-appoint Eng. (Ms). T.N Fernando as the secretary and she was appointed as the secretary for the session of 2019/2020. The other committee members were appointed as follows.

Designation	Name
Fellow(02)	Eng. Nalaka Gunashinghe Eng. N Kanesu
Member(04)	Eng. G.H.M. A Wijethunga, Eng. M.M.S Marasinghe Eng. Kumudulal Eng. D.D.L Pushpakumarawere
Associate Member(03)	Eng. M.A.P.S.K Kulasooriya, Eng. (Mrs) PM Yamuna S Pathiiraja Eng. K Sivasudhan
Affiliate members	No affiliate members
Companions & Associates	Still not attend the committee

#### Other members of the committee

Eng. C.L Rajapakse, Eng. M.H.J.J Hemachandra, Eng. A. Edirisinghe, Dr. Sarath Samaraweera, Eng. MHMA Bandara, Eng. H.M.A.P Ratnayake, Eng. Dishani, Eng. T. Manamperi and Eng. N Ayomi.

#### Meetings

The sectional committee conducted seven committee meetings during the session 2019/2020.

## 2. Activities followed in 2020

Following activities included in activity plan of the committee.

NO	Activity Description	Progress	Other Remarks
1	Introduce some Agricultural and Plantation Engineering related undergraduate projects and elective subjects to the existing degree programme in all engineering faculties in Sri Lanka.	Committee task was completed President IESL has sent a letter to the chairman UGC	UGC has not yet responded to the letter
2	To obtain online meeting facilities from IESL to hold committee meeting since most of the sectional committee members are from North Central and Central Province.	Already started this task in this year	Expect to continue for the year of 2021
3	To hold few committee meetings outstation in order to improve participation of members	Temporary stop this events until settle the covid pandemic situation	
4	Recognition of Training Institutions for the purpose of Professional Review	Committee decided to recommend the following three organizations to Professional Standard Management committee for checking the adequacy of available training facilities for registering as a training organization for Agricultural and Plantation Engineering for the PR review without any registration fee at least for next five years. 1. IPHT 2. FMRC 3. NERDC	Committee decided to request the above three organizations to register with IESL as a Training organization for train Agricultural and Plantation Engineers.
5	Techno 2020 exhibition – Active participation from Agricultural and Plantation Engineering sectional committee Expect to Sponsor JIY competition to Promote discipline of Agricultural and Plantation Engineering among school students in order to encourage, attract and making them aware and creating an interest on this discipline for their high studies	In progress	
6	Two guest lectures and industrial visits - that relevant to the area of Agricultural and Plantation Engineering	In progress	
7	Two industrial visits	This task was not carried out due to Covid 19 Pandemic	



## Event participate 2020



Committee members of Ag. & Pl. Eng. SE committee/ IESL sponsored from their own funds, the musical show that was organized by the union of the engineers at NERD Center

(Reported by Eng. H.C.J Thilakarathne, Chairman - Agricultural & Plantation Engineering Sectional Committee)

## 02. Building Services Engineering Sectional Committee

The inaugural meeting of the Building Services Engineering Sectional Committee (BSESC) was held on 26th November 2019 with a record-breaking participation of hundred and thirty-one (131) members.

The main committee members for the 2019/20 session were appointed by the house at the same meeting. This committee comprises both senior & junior building services engineers.

No	Name
<b>Fellow Members</b>	
1	Eng. Chula de Silva
2	Eng. Kirthi Sri Senanayake
3	Eng. Samantha Gunawardana
4	Eng. Kosala Kamburadeniya
<b>Corporate Members</b>	
5	Eng. Suran Fernando (Chairman)
6	Eng. Sanath Abeykoon
7	Eng. Prasanna Narangoda
8	Eng. D.U. Amarasinghe
9	Eng. Bandula Karunaratne
10	Eng. Koojana Weerasinghe
11	Eng. Samantha Indika
12	Eng. Asitha Bandaranayake
13	Eng. Thushara Pathirana
14	Eng. Dilan Thilanga
15	Eng. Asanka Karunanayake

No	Name
<b>Corporate Members</b>	
16	Eng. Kolitha Warnasiri
17	Eng. Supun Thilakawardana
18	Eng. Lakmal Isuru (Secretary)
19	Eng. Jayalath Amarawansa
20	Eng. Priyan Bellana
21	Eng. Damitha Jayarathne
22	Eng. Aruna Shantha
23	Eng. Ishan Ranganath
24	Eng. Aruna Krishantha
25	Eng. Kushan Jayasuriya
26	Eng. (Ms) Lakmini Abeysuriya
27	Eng. Thilina Saranga
28	Eng. Dhanushka Kodithuwakku
29	Eng. Kaushal Pathirana
30	Eng. J.S. Sathiyajith
31	Eng. D.S. Abeysundara
32	Eng. Mahesh Udayanga

BSESC has carried out the following activities during the session 2019/2020 with the contribution of its members.

### **BSESC Public Lecture Series**

BSESC organized nine (9) public lectures on both engineering and non-engineering topics during the session 2019/20 in which four (4) of those were online webinars.

<b>No.</b>	<b>Date</b>	<b>Topic of the Public Lecture/ Webinar</b>	<b>Resource Person</b>
01	12.12.19	Modern Design Practices in HVAC Systems Towards the Energy Efficiency	Eng. Suranga Lekamwasam
02	08.01.20	Best Practice Waste Management and Resources Recovery	Eng. Chani Lokuge
03	20.01.19	Sri Lanka and Free Trade Agreements at the Crossroads	Mrs. Sonali Wijeratne
04	22.01.19	Regulatory Requirements of Testing and Inspection of Lifts	Eng. D.U. Amarasinghe
05	01.07.20	Evolution of the Defined Terms in FIDIC Red Book across four decades	Eng. Priyanka Karunaratna
06	08.07.20	Engineered Facade Design for Modern High-Rise Buildings	Dr. Senaka Dharamatilleke
07	22.07.20	Introduction on Building Services Engineering & Its Importance in the Building Sector	Eng. Suranga Lekamwasam
08	26.08.20	Importance of Proper Selection of Centrifugal Pumps & their Applications in the Building Sector	Eng. Sajeewa Perera
09	15.09.20	Efficient & Effective Management of Facilities	Eng. Indradeva Mendis

### **CSR Project “Akurata Arunak” at Mihinthale Maha Vidyalaya, Anuradhapura**

The first Community Services Project (CSR) of the BSESC was successfully completed in February 2020 at A/ Mihintale Maha Vidyalaya, Mihintale. Under this project following task were completed and handed over to the school.

- 1) Renovation and Upgrading of the existed Electrical System (rewiring, installation of new ceiling fans, lights etc.) in Main Auditorium Building in compliance with the engineering standards
- 2) Donating a Public Address System with Multimedia Projector for the school

This project was handed over to School on 28th February 2020. There was a handing over ceremony together with a half a day workshop titled ‘**Akurata Arunak**’ for both A/L and O/L students. This programme comprised of several inspirational and educational speeches of senior engineers as well as few entertainment items by the students. The programme was well attended by over 500 students from A/ Mihintale Maha Vidyalaya. BSESC pays it gratitude to the YMS and Rajarata Chapter of IESL for the support extended to carry out this exercise.

### **BSESC Field Visit to Capital Twin Peak Tower**

BSESC Field Visit for the session 2019/20 was to the 50-story high riser in the heart of the Colombo city, 'Capitol Twin Peak Tower – Colombo 02' on 30th January 2020 with a total participation of 41 BSESC members.

### **BSESC Knowledge Sharing Presentations**

BSESC had four (04) knowledge sharing presentations as the last item of the BSESC monthly meeting. BSESC members who are specialized in different sub-disciplines conducted these sessions for the benefit of the rest of the members.

<b>No.</b>	<b>Month</b>	<b>Topic of the Knowledge Sharing Session</b>	<b>Resource Person</b>
01	Dec. '19	Common Fault of Electrical Panels and Diagnosing Methodologies	Eng. Milinda Gunawardana
02	Jan '20	AHU Controlling Strategies	Eng. Jagath Wickramasekara
03	Feb '20	Fire Pumps compliance to the NFPA20 Standard	Eng. Sajeewa Perera
04	Aug '20	Psychrometry	Eng. Indika Wijethunga

### **Preparation of the Guideline for the Directory of Building Services Engineers**

BSESC has prepared a comprehensive guideline to be used by the engineers who wish to register as Building Services Engineers listed in 'The Directory of Building Services Engineers'. This guideline prepared by the BSESC during the session 2019/20 was then approved by the Council and now it is available on the IESL website for reference of the BSE engineers.

### **Study on the Micro Level Water Management Systems in Ancient Sri Lanka**

BSESC project on the exploration of engineering technologies in the ancient micro water management systems in the ancient capital Anuradhapura is progressing with the contributions of the subcommittee members. The final draft of book on the study titled "**Revisiting Ran-masu Uyana at Anuradhapura – A Technical Perspective**" that is being compiled by the BSESC under the guidance of Eng. (Dr.) Chandana Jayawardena will soon be submitted to the L&P Committee to publish as an IESL publication.

### **BSESC Publication on Plumbing Vents**

BSESC intends to compile a **plumbing system installation guideline** for the use of local engineers and technicians. As the first publication in the series, a booklet titled "**Guideline on Vents**" is currently under preparation with the active contribution of experienced BS engineers.

### **National Level Contribution to Defeat Covid-19 Pandemic**

#### **(1) Renovation the MVAC system in IDH Intensive Care Unit**

The renovation work of the MVAC system of the ICU complex at the Infectious Diseases Hospital (IDH) in Angoda was carried out by the BSESC engineers together with the SL Navy on a request made by the Director of IDH, Dr. Hasitha Attanayake. This project was successfully completed & handed over to the hospital management on 28th April 2020 with a small ceremony organized by IDH in which Dr. Anil Jasinghe (Director General of Health Services) was the chief guest.

**(2) Contribution to the National Covid-19 Guideline ‘Towards a New Normal’**

BSESC volunteered in providing engineering inputs to the National Covid-19 Guideline titled ‘Instructions for Selected Public Activities/ Work Settings for the Prevention & Control of Covid-19’ which was published on 28th May 2020 jointly by WHO, MOH, GMOA & SJKMC. Forty-three (43) experts contributed for this exercise among which thirty-eight (38) were either from medical or health sector. Among the remaining five (5) non-medical/ non-health service experts, it is to be noted that four (4) of them were from IESL BSESC.

**BSESC Appearance in IESL Newsletter**

Three articles/ news items on BSESC activities and achievements were published in the IESL online newsletter, Digital SLEN during the session 2019/20.

No.	SLEN Issue	Title of the Article / News Item
1	Jan 2020	“Building Services Engineers’ Winning Saga Continues...”
2	April-May 2020	“Renovation of the MVAC System of the IDH ICU complex by IESL Building Services Engineers”
3	April-May 2020	“IESL BSESC Contributes to COVID-19 National Guideline”



BSESC Main Committee 2019/2020 group photograph



Field Visit to the ‘Capitol Twin Peak Tower’ - Colombo 02



Renovation of the MVAC system in IDH Intensive Care Unit (ICU) by BSESC Engineers



CSR Project “Akurata Arunak” at Mihinthale Maha Vidyalaya, Anuradhapura

(Reported by Eng. Suran Fernando (Chairman of BSESC) & Eng. Lakmal Isuru (Secretary of BSESC))

### **03. Chemical & Process Engineering Sectional Committee**

#### **1. EXECUTIVE SUMMARY**

The inaugural meeting of the Chemical and Process Engineering was held on the 4<sup>th</sup> of December, 2019 with the participation of fellow members, corporate members, and associate members. The committee for the years of 2019/20 was appointed by the members. Eng. Neil Wickramasinghe was appointed as the chairman of the sectional committee and Eng. Muhammed Aadhil was appointed as the secretary of the sectional committee. The following list of members were appointed for the sectional committee.

Fellow Members:	Prof. Eng. S.A.S. Perera (F-844) Eng. Nimal Ranaraja (F-1070)
Corporate Members:	Eng. E.M. Piyasena (M-1649) Eng. D. Welhenge (M-1871) Eng. K.G.H. Kodagoda (M6959) Dr. Eng. Indika De Silva (M-7587) Eng. Harsha Deraniyagala (M-6326)
Associate Members:	Eng. Manura Wickramasinghe (AM-6222) Eng. Nadeera Dissanayake (AM-18642) Eng. Hasitha Jayawardena (AM-21812) Eng. Heshan De Silva (AM-24827)
Committee Members:	Eng. Veditha De Silva (M-6162) Eng. Tissa Liyanage (M-4491) Eng. P. Sarathchandra (M-6173) Eng. Danushka Dassanayake (AM-15517) Eng. Chamila Wickramasinghe (AM-9924) Eng. Chanaka Wijesinghe (M-7717) Eng. Chathura Senanayake (AM-20514) Eng. Kasun Adikari (AM-22854)

The chairman set the vision and presented the activity plan for the year. The meeting concluded with members adding valuable suggestions to the activity plan. The sectional committee met 5 times during the year despite the country going in for a 3 month complete lock down. However, meetings were not continued between the months of March 2020 and September 2020 due to the risk associated with organising public gatherings.

The sectional committee developed digital channels of communication to keep discussions and activities alive despite not meeting physically. The sectional committee carried out several projects including, organizing a fellowship night to improve engagement of the sectional committee, organizing a field visit to the Norochcholai Coal Power Plant, an industrial revival programme,

## 2. PROJECT UPDATE

The Chemical and Process Engineering sectional committee of the IESL carried two projects for the purpose of professional development of the members

### 1. Field Visit to Norochcholai Power Plant

The Chemical and Process Engineering sectional committee organised a field visit to the Norochcholai Coal power plant with a clear objective of studying the environmental impacts exerted by a coal power plant and to understand the processes by which the impacts can be managed. The purpose of the visit was to provide a chemical engineering perspective to the ongoing dialog on which sources of power generation is to be deemed acceptable to Sri Lanka in order to build a prosperous, resilient and sustainable nation. The field visit was successfully concluded with the participation of 30 members of the IESL.



### 2. Training programme for members on potential chemical industries based in Sri Lanka

The sectional committee decided to appoint 2 groups to study the potential chemical industries that can be practically implemented in Sri Lanka. The teams conducted a knowledge sharing session to educate the members. The study was carried out based on the possibility of producing Caustic Soda and the Sodium Silicate in Sri Lanka.

### 3. First phase of the Industrial revival program – based on Paranthan Chemicals Company Limited.

The Chemical Engineering sectional committee along with Paranthan Chemicals Company Limited contributed to the development of an industrial revival programme. The phase one focussed on carrying out pre-feasibility studies on the following industries.

- a. Caustic Soda
- b. Chlorine
- c. Hydro Chloric Acid
- d. Sodium Hypo Chloride
- e. Sulphuric Acid
- f. Single Super Phosphate and Triple Super Phosphate including the use of other minerals available in Sri Lanka such as Eppawala rock phosphate
- g. Water purification chemicals
- h. Production of Calcium Carbonate, Calcium Carbide, Sodium Silicate, Calcium Chloride, and Precipitated Silica using minerals available in Sri Lanka

The project is set to continue through the next year as a phase 2.

#### 4. Digital Channel Development

The sectional committee established digital channels of communication to keep the discussions alive despite the covid 19 pandemic lockdown. Therefore, an active WhatsApp group along with collection with data collection to establish a member directory. The effort is ongoing and the members have had the opportunity to improve interactions within the professional network in a more effective manner.

#### 5. Fellowship Event

The sectional committee organized a fellowship event to rekindle the professional fraternity with the participation of members including, fellow members, corporate and associate members. The event was successful in the sense of reviving the sectional committee and to get the team on board with the vision for the future.

## **04. Civil Engineering Sectional Committee**

### **1. INTRODUCTION**

This report is prepared to describe the activities performed by the *Civil Engineering Sectional Committee (CESC)* during the session 2019-2020. Due to the COVID 19 epidemic situation in the Country, most of the planned activities had to be postponed to the next year before achieving a considerable result of the initial efforts made.

However, as a team CESC carried out as much as possible activities withing the limitations that had to be maintained under the guidelines issued by the Health sector.

### **2. COMMENCEMENT OF THE SESSION**

The session 2019-2020 was commenced on 25th November 2019 at the Meeting room No.01, IESL Secretariat. The Chairman Eng. (Prof). Ranjith Dissanayake welcomed all and briefly explained the expected activities during the new session 2019/2020.



## 2.1. Appointment of Office bearers and Main Committee members

Office bearers for the Main committee for the session of 2019/2020 were selected from the participants. The selected CESC team for the new session is as follows.

Position		Name	Membership No
Chairman	1	Eng.(Prof).Ranjith Dissanayake	F-975
Secretary	2	Eng. J M Pradeep Kumara	M 6283
Asst. Secretary	3	Eng. Himal Hikkaduwa	AM 16898
Treasurer	4	Eng. J.M.C.G.Jayasinghe	AM 13964
Fellow members	5	Eng. Sujeewa Samararatne	F 1086
	6	Eng. S H U De Silva	F 1057
	7	Eng. Gihan Jayathilaka	F 1080
Members	8	Eng. Anura Gamage	M 5680
	9	Eng. Nilan Herath	M 5048
	10	Eng. R. Sasitharan	M 7996
	11	Eng. Chaaminda Weerakoon	M 4951
Associate Members	12	Eng. A P Rathnayaka	AM 15466
	13	Eng. Danushi Ilayperuma	AM 22932
	14	Eng. K A B P Kuruppu	AM 21371
	15	Eng.(Ms).N.K.Wickramarathne	AM 14454
	16	Eng. G Prashanthan	AM 13583
Affiliate Members / Associates /Companions	17	Eng. Sajeewa Witaana	A117
	18	Eng. (Dr.). D. A. H. Gunaratne	A 19

## 2.2. Appointment of Sub-Committee Team Leaders

It was proposed to initiate new sub committees in addition to previous years to get more involvement from the participants and keep the CESC more active. Accordingly, 19 Nos. of Sub-committees were formed and Team leaders of each Sub Committees were appointed as below.

	Sub-Committee	Team leader
1	Field Trip (SCFT)	Eng. Gihan Jayathilaka
2	Annual Get-to gather & Foreign Field Visits (SCAG&FFV)	Eng. M.N.A. Samad
3	Public Lectures Seminars & Workshops (SCPLSW)	Eng. Manjula Samarasinghe
4	Techno Stall (SCTS)	Eng. K A B P Kuruppu
5	Building Clinic (SCBC)	Eng. Sajeewa Witaana
6	Publication and Editorial (SCPE)	Eng. Sujeewa Samararatne
7	Community Projects (SCCP)	Eng.(Ms).N.K.Wickramarathne
8	Research Development and Innovation (RDISC)	Eng. Dylan Rayen
9	CPD coordination with main committee (SCCPD)	Eng. Anuradha
10	Insee mix design project (SCIMD)	Eng. Chaminda Weerakoon
11	Melwa Steel design (SCMSD)	Eng. G Prashanthan
12	Competition among the members (SCCM)	Eng. K Arandara

13	Overseas Chapter of CESC IESL (SCOC)	Eng. Anura Gamage
14	MOU with international CESC's (SCIC)	Eng. Anura Gamage
15	Public lecture, Seminar & Workshop with other Chapters (SCCPD-C)	Eng. Prabodha Jinasena
16	Web and Social media (SCSM)	Eng. R. Sasitharan
17	Entrepreneur forum (SCEF)	Eng. Himal Hikkaduwa
18	Sustainability development (SCSD)	Eng. Indika Karunasekara
19	Coordination with Women's Engineering forum (SCWEF)	Eng. Kushmy Senaratne
20	Collaboration with Universities	Eng. U S V Lakmal

### 3. ACTIVITIES PERFORMED BY CESC

Totally 08 nos of meetings were conducted (04 physical meetings and 04 online meetings) to the date of 1st September 2020. The progress of the main activities performed by CESC can be discussed under following two categories.

1. Activities carried out by involvement through CESC
2. Activities scheduled and performed through sub committees

#### 3.1. Activities carried out by involvement of Main body of CESC

Mainly following works were completed by the Chairman or another member who is engaged in related area.

##### a. Issues raised by members

Charter evaluation process: Issues raised by the members regarding the evaluation criteria of Professional Review (PR) for the members having limited access to attend the training through listed institutions for Design & Construction experience. Eng. Manjula Samarasinghe and Eng. Mangala Silva actively communicated with the relevant parties of IESL main committees and continually updated the CESC membership during monthly meetings regarding the current status of the actions taken by IESL.

Contribution to the amendments of UDA guidelines for Building Construction: It was discussed to involve the ongoing amendments to the guidelines for building construction by Urban Development Authority. The discussions had with the relevant parties were discontinued due to COVID 19 epidemic situation.

##### b. Requests came from the General Public

Some requests were received from the various parties of the society. Following are some of such requests and the involvement of CESC.

##### Evaluation of Cracks appeared in Dimbulagala Temple:

CESC attended to visit and provide Engineering assistance to the Dimbulagala Buddhist temple to investigate and propose suitable remedials to the cracks appeared on the walls and slab of the Temple Vihara (Fig. 01)

##### Inspection to Jethawana Stupa:

A team of members from CESC together with IESL joined with University of Peradeniya and University of Moratuwa visited Jethawana stupa on the request made by the Director General, Central Cultural Fund, on 6th of July, 2020 to inspect the cracks appeared on the stupa and a report was submitted based on the observations, and information gathered from the discussions held at the site with the archaeology experts (Fig. 02).

### 3.2. Activities scheduled and performed through sub committees

There are 20 nos of sub committees formed and following are the activities performed by each subcommittee.

#### i. Field Trip (SCFT)

Purpose is to arrange technical visits/inspections to the benefit of General Membership of IESL. Accordingly, following visits were scheduled during the year 2020 (Fig. 03)

	Location / Institution	Date	Status
1	ENV Engineering Enterprise Factory, Hanwella	25.01.20	Completed
2	New Kelani Bridge, Peliyagoda – Team 01	01.02.20	Completed
	New Kelani Bridge, Peliyagoda – Team 02	15.02.20	Completed
3	Uma Oya Project, Badulla	07.03.20	Postponed
4	Aruwakkalu, Garbage Processing & dumping Site	28.03.20	Postponed
5	Mineral Sands Corporation, Pulmudai	04.04.20	Postponed
	Naval Dockyard, Tricomalee	05.04.20	Postponed
6	Broadland Hydropower Project (Virtual online visit)	24.04.20	Completed
7	Capital Twin Peak, Colombo 02	12.09.20	Completed
8	Port City Project, Colombo	26.09.20	Completed
9	Macksons Paint Factory	03.10.20	Completed
10	Polychrome Factory	17.10.20	Scheduled
11	Mac Tile Factory	31.10.20	Scheduled
12	Cinnamon Life Project, Colombo	14.11.20	Scheduled
13	Odel Mall Project, Colombo	28.11.20	Scheduled

#### ii. Annual Get-to gather & Foreign Field Visits (SCAG&FFV)

Initially arranged to visit to Egypt, Turkey, Indonesia, USA/Canada, Azerbaijan and Myanmar or Laos. First visit was planned during April 2020 for general membership and two technical visits to the Insee Cement factory at Thailand were scheduled on March 2020 due to COVID 19 issue foreign visits were postponed to the end of the year.

#### iii. Public Lectures Seminars & Workshops (SCPLSW)

	Topic	Conducted by
1	New and Innovative Technologies Including Smart Cement, Corrosion, Expansive Soils with Real-time Monitoring and Behavior Models	<i>C. Vipulanandan, Ph.D. Professor of Civil Engineering, University of Houston</i>
2	Practical Usage of Emotional Intelligence	<i>Prof. Ranjith Bandara, senior professor at University of Colombo</i>
3	Tools and Techniques Available for Better Management of Projects	<i>Shanaka de Silva</i>
4	Novel Techniques for Concrete Rods	<i>Prof. Wasantha Mamppearachchi. University of Moratuwa</i>
5	Meeting Environmental Challenges Created by Urbanizations Through Green Practices	<i>Ranjith Dissanayake. Chairman of –CESC</i>

6	Modern Concrete Technology: Transforming Waste Materials	<i>Prof. Priyan Mendis, University of Melbourne, Australia</i>
7	High Performance Concrete	<i>Dr. Thushara Priyadarshana. Open University –Sri Lanka</i>
8	Covid-19 Brings Opportunities & Challenges	Ranjith Dissanayake. Chairman of –CESC
9	Financial Freedom through Financial Intelligence	Eng. Mahesh Amarasiri MBA, FCMA(UK), ACIM(UK), B.Sc. (Eng), AMIESL (Assistant General Manager -DSI)
10	Overview of Cement Standards for Performance-Based Specifications- Part1	Dr.Moussa Baalbaki, Head of Products & Solutions Portfolio, Siam City Cement LTD
11	An opportunity for the professionals to develop risk management solutions	<i>Eng. Janaka Seneviratne, BSc. Eng. (Civil)-Sri Lanka, MSc. (Local Gov. Eng.)-Australia</i>
12	Virtual field visit to Broadlands Hydropower project	<i>Jointly organized by the Civil Engineering Sectional Committee &amp; the Water Forum of the Institution of Engineers, Sri Lanka</i>
13	The Impact of COVID-19 on Construction and Infrastructure Development: Path to Recovery and Progress	<i>Eng. (Prof.) Ranjith Dissanayake., Eng. Dr. Kamal Laksiri, Eng. Malith Mendis, Eng. Rohan Tudawe, Eng. col. Nissanka n. Wijeratne, Caf M.G. Kularatne</i>
14	IESL “Live Virtual Musical Fiesta.”2020	<i>Jointly with all the IESL Chapters around the Globe</i>
15	How GPS is Reshaping our Future- again	<i>Dr. Basnayake</i>
16	Overview of Cement Standards for Performance-Based Specifications- Part 11	<i>Dr.Moussa Baalbaki, Head of Products &amp; Solutions Portfolio, Siam City Cement LTD</i>
17	Vidyajothi Eng. (Prof) E O E Pereira Memorial Oration “Resolving Issues in the Construction Industry - Some Thoughts”	<i>Eng. (Dr.) S. B. Wijekoon</i>
18	Eng. (Dr.) A N S Kulasinghe Memorial Oration “Building on a Legacy: Extending the Kulasinghe Innovations”	<i>By. Prof Priyan Dias Senior Professor in Civil Engineering, University of Moratuwa</i>

### **IESL “LIVE VIRTUAL MUSICAL FIESTA.”2020**

Setting new standards in socializing while maintaining social distancing, the Institution of Engineers Sri Lanka (IESL) hosted its first ever Virtual Music Fiesta on the 10th of July 2020. The event was organized by the Civil Engineering Sectional Committee (CESC) in collaboration with the Music Engineers Band of IESL. All 13 chapters of IESL, both local and abroad, spreaded over north to south and Qatar to Queensland were joined the event. The event had an audience of over 3000 viewers joking via zoom & Facebook (Fig.04)

## Progress of Other sub committees

<p>Committee: Techno Stall (SCTS)          Purpose: CESC stall during the TECNO 2020 Exhibition          Progress: Preparations were postponed (both online &amp; physical)</p>
<p>Committee: Building Clinic (SCBC)          Purpose: Educate the General public in Engineering aspects          Progress: 1<sup>st</sup> session was scheduled on 13<sup>th</sup> March 2020, but postponed</p>
<p>Committee: Publication and Editorial (SCPE)          Purpose: Publish articles related to CESC in SLEN</p>
<p>Articles published:</p> <ol style="list-style-type: none"> <li>a. M-Sand</li> <li>b. Field visit to the NKB Project.</li> <li>c. V foam Factory visit to Dompe” Published in ISSUE 47 on 06/06/2020</li> <li>d. Sustainable Sri Lanka through Polycentric cities” to be published in ISSUE 48</li> <li>e. Building to IDH, for a new CT Scanner</li> </ol>
<p>Committee: Community Projects (SCCP)          Purpose: To address the social needs with the corporation with various stakeholders          Progress: Series of seminars for school children in remote areas (Postponed)          Engineering Drafting course for differently abled youths (Postponed)          Masks for schools having less than 100 students- Fig. 05 (Completed)</p>
<p>Committee: Research Development and Innovation (RDISC)          Purpose: Provide a plat form for the young inventors who have limited facilities to showcase their inventions          Progress: Preparations were postponed</p>
<p>Committee: CPD coordination with main committee (SCCPD)          Purpose: To gather information from the Civil Engineers regarding the required CPD programs to enhance the professional capacity          Progress: Completed followings</p> <ul style="list-style-type: none"> <li>• public lecture (Lean management for Engineering business leaders and engineers)</li> <li>• CPD course (Lean management for Engineers)</li> <li>• CPD course (Demonstration on Stabilized earth road technology)</li> </ul>
<p>Committee: Insee mix design project (SCIMD) and Melwa Steel design (SCMSD)          Purpose: Conduct researches the field of Civil Engineering          Progress: Had discussions with Open University of Sri Lanka and University of Sri Jayawardanapura.</p>
<p>Committee: Competition among the members (SCCM)          Purpose: To increase the participation of Civil Engineers in CESC activities          Progress: Two competitions were completed and third one is scheduled</p>

Committee: Overseas Chapter of CESC IESL (SCOC) Purpose: To coordinate with IESL overseas chapters and get their active contribution to CESC events Progress: Preparations were postponed
Committee: MOU with international CESC's (SCIC) Purpose: To build a link with Civil Engineering wings of Engineering institutes of other countries Progress: Preparations were postponed
Committee: Public lecture, Seminar & Workshop with other Chapters (SCCPD-C) Purpose: To conduct Public lectures & Workshops and Seminars around the country with the support of IESL Chapters Progress: All the schedules were postponed
Committee: Web and Social media (SCSM) Purpose: Provide the web-based publicity to CESC activities and online platform for events Progress: Virtual Field Visits, Virtual Music Fiesta and Public Lectures through Zoom were successfully organized
Committee: Entrepreneur forum (SCEF)
Purpose: Develop an entrepreneurial culture among the Engineers
Progress: All the schedules were postponed
Committee: Sustainability development (SCSD)
Purpose: To make more aware about the sustainable development and its benefit to the society
Progress: All the schedules were postponed
Committee: Coordination with Women's Engineering forum (SCWEF)
Purpose: To enhance the active participation of Women Engineers in CESC activities and to provide the assistance to Women's Engineering Forum (WEF) of IESL on behalf of CESC
Progress: CESC could provide the support for the program 'Shelter for Needy' by providing assistance for site supervision and design works for the construction of two houses for selected families.

#### 4. FIGURES



Fig.1: Dimbulagala Temple and some of the issues encountered during the visit



Fig.2: Crack appeared on the Stupa and the team visiting the location.



Fig. 3: Visit to ENV Factory and NKB Project



Visit to Capital Twin peak Project



Fig. 5: Moments of Donation of face masks



Fig. 4: Moments of Live Virtual Musical Fiesta

(Reported by Eng. J M Pradeep Kumara, Secretary-CESC)

## **05. Electrical, Electronic & Telecommunication Engineering Sectional Committee**

The Electrical, Electronic and Telecommunication Engineering Sectional Committee chaired by Eng. Chamil Rohana Edirimuni, supported the Council through successfully engaging in several special assignments apart from its regular events. Details of the activities conducted by the EETESC are as follows.

### **1.0 The inaugural meeting and Electrical Electronic and Telecommunication Engineering Sectional Committee for the year 2018/2019.**

The inaugural meeting of the Electrical Electronic and Telecommunication Engineering Sectional Committee was held on 13th November 2018 at 5.15 p.m at the Institution, under the chairmanship of Eng. Chamil Edirimuni

Eng. Roshan De Silva was selected as the Deputy Chairman and Eng Priyamal Samaratunga was selected as the secretary for the session 2018/2019. Following engineers were selected as committee members.

Representing Fellows:

Eng. Kosala Kamburadeniya

Eng. Shavindranath Fernando

Representing Corporate Members:

Eng. Chulani Perera

Eng Sampath Kumara

Eng. Chamath Weerasekara

Eng. T Uthayakumar

Representing Associate Members:

Eng. Mahinda Ranasinghe

Eng. Milinda Gunawardhana

Eng. H.W.M.Ishantha

Representing Affiliate Members:

Eng. Janaka Perera

Companions & Associates 03 positions

Eng. Prasanna Perera

Following subcommittees were appointed for the session.

- a. Memorial Lectures
- b. Preparation for Techno 2019
- c. Public Lectures and Short Seminars
- d. Field visits
- e. Social Works



## 2.0 Activities Conducted by the Electrical Electronic and Telecommunication Engineering Sectional Committee (EE&TESC) for the session 2018/2019.

Following activities were conducted by the EE&TESC.

- a. EE&TESC meetings and subcommittee meetings. Altogether 04 monthly meetings were held in person and 3 meeting were held online because of the pandemic situation of the country.
- b. Memorial Lectures. Following memorial Lectures were conducted by EE&TESC.
  - i. Eng. (Prof) RH Paul Memorial Lecture. 39<sup>th</sup> Memorial oration of late Eng. (Prof) RH Paul was held on 10<sup>th</sup> February 2020 at 17:15 hrs at Eng. DJ Wimalasurendra Auditorium of IESL Head office (In memory of 116<sup>th</sup> Birthday). Eng. (Prof) Sisil Kumarawadu, Head of the Electrical Engineering Department University of Moratuwa delivered the lecture on the topic on 'Engineering Education, Training, Practice, and R&D and 120 audiences were participated. A note book was distributed among the participants in memory of the annual event.
  - ii. Eng. DJ Wimalasurendra Memorial Lecture. 31<sup>st</sup> Memorial oration of late Eng. DJ Wimalasurendra was held on 17<sup>th</sup> September 2020 (In memory of 146<sup>th</sup> Birthday) at 17:15 hrs at Eng. DJ Wimalasurendra Auditorium of IESL Head office. Eng Rohan Seneviratne Additional General Manager (Distribution Division 4) Ceylon Electricity Board. lecture on the topic 'Reimagining CEB for the future'.
- c. Public Lectures and Short Seminars. There were several proposals for conducting public lectures but due to the COVID 19 pandemic situation and health regulations imposed in the country conducting public lectures have been postponed.
  - i. **Webinar on "Legal impact of Social Media and Telecommunication: Wayforward"**  
The Webinar "Legal impact of Social Media and Telecommunication: Wayforward" was jointly organized with the Young Professional Forum of the Organization of Professional Associations on 26<sup>th</sup> August 2020 from 6.00 p.m. to 8.00 p.m. The Webinar was conducted by the Senior Cancellor Attorney At Law. Mr. Sunil Abeyrathne senior attorney at law and Eng. Mrs. Tharalika Livera (Director Compliance-Telecommunication Regulatory Commission)
- d. Field Visits. Field visits were not allowed due to the COVID 19 pandemic situation and health regulations imposed in the country. Proposals were postponed
- e. Social Works. EE&TESC has arranged following social works during the session.
  - i. CSR Projects to contribute in defeating COVID -19

### **The Institution of Engineers Sri Lanka (IESL) Contributes to the Restoration of Ventilators by Biomedical Engineering Group of the Faculty of Engineering of University of Peradeniya**

During the COVID 19 pandemic crisis, Electrical, Electronics & Telecommunication Engineering Sectional Committee of IESL had partnered with the Biomedical Engineering group of the Department of Electrical and Electronic Engineering (DEEE) of Faculty of Engineering of University of Peradeniya to restore dysfunctional ventilators as a part of a project initiated jointly by University of Peradeniya and National Institute of Fundamental Studies (NIFS).

At a time when the ventilators are hard to purchase from the market, the restoration of dysfunctional ventilators had emerged as a practical engineering solution to enhance the

country's health sector's capacity to treat severely affected COVID 19 patients. Supported by the experience and academic strengths, Biomedical Engineering group of DEEE together with the Faculty of Medicine of University of Peradeniya came forward to assist the nation in such backdrop by undertaking this task. The first batch of 12 ventilators restored under this project were handed over to the Ministry of Health on April 11, 2020 at the DEEE premises.

A team of engineers lead by a group of experts in Biomedical Engineering in DEEE and the Department of Anaesthesiology & Critical Care of University of Peradeniya together with the technical staff and graduate students of DEEE worked together with a group of IESL corporate members who are past graduates of DEEE and several medical professional from Peradeniya Teaching Hospital, to provide manpower for this project. This team was able to complete the restoration of 12 units within mere 10 days displaying their commitment and expertise. The same team continues to work on this activity in addition to their engagement in the design work of a new ventilator. The sectional committee supplied and installed a gas unit for testing the ventilators which helped their course.

The handing over event was graced by Dr. Amal Harsha De Silva – Deputy Director General of Ministry of Health and Indigenous Medical Services Ministry in the presence of Prof. Upul B.Dissanayake, Vice Chancellor of University of Peradeniya, Prof. Saman Senaweera Director of NIFS, Dr. Arjuna Thilakarathne, Provincial Director of Health, the Deans of the faculties of Engineering and Medicine Prof. Gemunu Herath and Prof. Asiri Abeyagunawardena, Head of the DEEE, Prof. Manjula Fernando and the team of volunteers who worked on the project. Eng. Chamil Edirimuni attended the event representing IESL. Several key personalities representing other co-sponsors, Ceylex Engineering Pvt., Ltd, Lanka Oxygen Pvt., Ltd, and E/94, E/04, E/05, E/10 Batches of the faculty too were present.

The sectional committee would like to thank Eng. Prof. Kithsiri Liyanage, Eng. Lalith Pallegama and Eng. Dr. Lilantha Samaranayake in bringing our attention to supply and install a gas unit for the purpose of testing the ventilators at the Department of Electrical and Electronics University of Peradeniya.

ii. CSR Project at Lady Ridgeway Hospital Borella

**Supply and installing of Public addressing system at the lady ridgeway hospital, Borella, Colombo 08.**

There is a considerable amount of public attending to the OPD and other areas of the lady ridgeway hospital, Borella, Colombo 08 daily for the children's health issues. Public Health Department of the hospital is in need on running health advices and other useful information about the COVID-19 over this Public Address system to educate the public about the pandemic to mitigate the risk of spreading the decease and other health risks.

Eng. Sampath Pathirananarachchi Member EE& TSC had proposed with the advice of Eng. Shavindranath Fernando to initiate a CSR project to supply and install a Public Addressing System to the hospital specially under the COVID – 19 situation. Eng. Sampath spearheaded the CSR Project on behalf of the The Electrical, Electronics & Telecommunication Sectional Committee (EE&TSC) and we could handed over the Public Addressing System to the Director of the Lady Ridgeway Hospital on July 30, 2020 as a product of a CSR activity.

f. Electrician Licensing Framework

The Electrician Licensing framework process had been carried out since 2015 and was mainly spearheaded by Dr. Tilak Siyambalapitiya, Eng. Kosala Kamburadeniya and subcommittee. The sectional committee was able to get the cabinet approval for the process and CIDA was entrusted to issue the Licensing last year headed by Eng. Chulani Perera. Recently, the public utilities Commission has been conducting awareness sessions in all over the island and remarkable responses are being made by the Electricians for the program and it seems that the process is much needed for them. This is much of a national interest and will enhance the standards of all the technicians if the licensing process is conducted successfully for the electricians. The internationally recognized licensing process of the electricians would generate highly paid job opportunities for them in the country and specially in other countries. The job threats for them with future bilateral agreements, FTA will be minimized. The quality workmanship for the households and other constructions will be guaranteed. There will be more and more benefits if the framework is realized.

There had been recent discussions in this term by the IESL with CEB and PUCSL and the coordination among these Engineering organizations is the key for the success. Further, there should be more discussions carried out with CIDA, PUCSL, CEB and IESL which has the role of arranging the expert panels to review their eligibility and proposing suitable courses for the Electricians. The CIDA is to confirm their ability to provide license to all the eligible electricians apart from the construction projects.

The other organizations such as IIESL, TVEC are also keen on conducting these activities. The sectional committee is of the view that the IESL shall participate and lead the discussions/ involvement to a better outcome much needed for the Electricians in the country.

g. Awareness Program on recent blackout to be held on September 2020

As the country faced a total blackout on August 17, 2020, it has brought the utmost attention to the General public and media. The IESL being the premier institution for the Engineering Profession is planning to conduct a technical awareness discussion about the incident and other related matters for the benefit of our members.

The Electrical, Electronics & Telecommunication Sectional committee of the IESL had made arrangements to coordinate CEB and other resource persons with the proposed program at IESL premises at the End of the Month September 2020 for the benefit of the members and the Power Sector.

h. Other Activities

- i. Electrician's Manual – Few chapters completed
- ii. Contribution for the report: IESL Proposal for the Economic Revival of Sri Lanka after COVID 19.
- iii. Outreach Programs - Not carried out due to the prevailing situation of the COVID 19 pandemic.



Webinar “Legal impact of Social Media and Telecommunication: Wayforward”



IESL Contributes to the Restoration of Ventilators at University of Peradeniya



Supply and installation of Public addressing system at the Lady Ridgeway hospital



Eng. D J Wimalasurendra Memorial Lecture

(Reported by Eng. Chamil Edirimuni, Chairman – EE&TESC)

## **06. IT & Computer Engineering Sectional Committee**

The sectional committee monthly meetings were held at the IESL Secretariat and online on following dates as per an annual schedule: 18 November 2019, 09 December 2019, 19 January 2020, 10 February 2020, 02 March 2020, 20 May 2020 (online), 08 June 2020 (online), 13 July 2020 (online), 10 August 2020 (online) and 14 September 2020 (online).

The sectional committee elected following main committee members for the key activities for IESL Council Session 2019/2020:; Eng. Dileepa Lathsara (Chairman), Eng. M.S.M. Musthalie (Secretary) Eng. Dr. Chandana Gamage, Eng. Jeewapadma Sandagomi, Eng. Dr. Shantha Fernando, Eng. Kushan Sharma (Subcommittee chairman for Membership Drive), Eng. Samudaya Nanayakkara, Eng. Kasun Chathuranga (Subcommittee chairman for online media presence), Eng Nalinda Herath (Subcommittee chairman for Provincial Seminars), Eng Achini S Randeniya (Subcommittee chairman for IDEA Challenge competition), Eng Vidula Hasaranga, Eng. Rusiru Boralugoda, Eng. V. Kamalanath (Subcommittee chairman for Robo Games competition), Eng. Lasith Fernando, Eng. Dushan Chathuranga, Eng. Chalana Madusanka.

The sectional committee continued with several activities to fulfill its main responsibility of popularizing computer Engineering and IT in Sri Lanka. Further, to support the key activities of IESL in upgrading and streamlining member services and policy implementations, the IT & Computer Engineering Sectional Committee contributed in following areas.

### **PUBLIC LECTURE SERIES**

- A public lecture was organized by the sectional committee on **“Data-driven Insights for Complex Biological Systems”** at IESL. The focus of the talk was on Human knowledge on the biosphere. The entire understanding of the biology of earth’s ecology remains miniscule compared to the vast unknowns. Experimental biology often attempts to further this understanding by providing insights into hitherto unseen phenomena; validating and verifying our models explaining the relatively ubiquitous; and for understanding phenomena as well as reaffirming our existing knowledge. The lecture was conducted by Eng. Rajith Vidanaarachchi, a PhD Candidate of Research School of Electrical, Energy and Materials Engineering, College of Engineering and Computer Science, Australian National University, Australia.
- A public lecture on **“Blockchain beyond Cryptocurrencies”** was conducted by Eng. Samudaya Nanayakkara at IESL. The focus of the talk was on the most prominent Financial Technology or FinTech innovation of cryptocurrencies such as Bitcoin, Ripple, Litecoin and Ethereum. The technology that underpins cryptocurrencies is known as blockchain or digitalized distributed

ledger. The capabilities of blockchain technologies can be extended far beyond cryptocurrencies. It enables existing applications to be improved and new applications such as blockchain-powered elections, power grids, supply chain management, smart contracts and many other applications. The focus of talk was on what cryptocurrencies, smart contracts and blockchain are, how they work, fundamental concepts and future applications. Eng. Samudaya is a PhD researcher at Western Sydney University, Australia.

- A public lecture was organized by the sectional committee on **“Evolution of M2M Communication”** conducted in IESL. The session was conducted by Eng. Indaka Raigama, who is a Co-Founder and CEO of iTelaSoft, Australia. The topic was focused on Machine to Machine Communication (better known as M2M), which is an integral part of the Internet of Things (IoT). The lecture was mainly focused on, What is M2M and how is it related to IoT. Also, on how M2M communication evolved in the last few decades, how M2M communication became economical and viable for consumer grade applications, the recent advances in this space and the possibilities they open. The speech further dived in to details such as modern techniques, protocols and standards in the M2M space. Also it provided some insights on how IoT and M2M communication is relevant to various sectors such as industrial automation, infrastructure management, fleet/asset management and entertainment industry.
- A public online lecture was organized by the sectional committee on **“Live and Breath with Covid-19: Adapting to New Cyber Security challenges after the pandemic”**. The online lecture was conducted by Eng. Kushan Sharma, who is the Engineering manager at TechCERT, Sri Lanka. The lecture was focused on handling corporate level cyber security issues during and after COVID 19 pandemic.
- Another online public lecture was conducted on **“Why IESL Membership? Have you become a registered Engineer in Sri Lanka?”**. The award of Engineer (Eng.) status is exclusive to The Institution of Engineers Sri Lanka (IESL). It is awarded to the candidates, fulfilling the minimum requirement of becoming an associate member defined by the IESL. This online webinar guided participants through the application process and answered their queries in obtaining the associate membership and thereafter obtaining the Engineering Council of Sri Lanka (ECSL) registration. The resource persons were, Eng. Dileepa Lathsara, Eng. Dr. Shantha Fernando, and Eng. Lt. Col. Dr. Chandana Gamage.

## **ROBO GAMES**

“IESL RoboGames” is an annual competition organized by the Information Technology and Computer Engineering Sectional Committee of the Institute of Engineers, Sri Lanka in collaboration with Department of Computer Science and Engineering, University of Moratuwa, with the objective of promoting and recognizing the talents and skills of the next generation of professionals. The competition will be held in two categories; School Category and Undergraduate Category. For the school category there were series of workshops and awareness programs held in order to introduce the concept of robotics into school’s educational activities. This provides an opportunity to promote their creativity and improve their learning efficiency, encouraging them to be future engineers and inventors.

Most of the Sri Lankan students are interested in robotics technology the main constraint for them is lack of knowledge and facilities. Only very few schools have well equipped ICT laboratories, electronic equipment and resources persons. Main idea of organizing this event is to provide assistance for students to learn the art of robot development and ultimately give them an opportunity to make use of what they have learnt and showcase their talents.

This year's games featured an interesting twist due to COVID 19. This is the first virtual robot competition to be held in Sri Lanka. The competition is based on a robot simulation software. The software offers a prototyping environment that provides the user with necessary virtual hardware and the programming capability. Competitors are expected to provide solutions to the given task by utilizing these tools.

The web site: <http://robo.cse.mrt.ac.lk/>.

### **MEMBERSHIP DRIVE**

The sectional committee conducted Membership drives to enroll new Associate Members to the IESL and also to encourage engineers to obtain the Chartered Engineer status. A membership drive was held at the Synopsys (Pvt) Ltd in Colombo. Furthermore, the membership drives gave an opportunity for practicing engineers to obtain at first hand details on how they could be more actively engaged with IESL.

### **SRI LANKA IOT CHALLENGE**

SLIoT Challenge 2020 is a Competition which is organized by Computer Science and Engineering Department, University of Moratuwa and Institution of Engineers, Sri Lanka (IESL) in collaboration with Sri Lanka Telecom PLC.

The main objective of this competition is to evaluate IoT based solutions which are capable in providing solutions to general public according to Industrial level standards. By this Competition we hope to ignite imagination and creativity by providing a competitive background among each other.

The ideas of the participants will be evaluated in various aspects to determine its creativity, value, benefits, technologies etc. Winners will be chosen from the best ideas and event day performance of the applications.

This competition is organized to improve the awareness on the concept 'Internet of Things' (IoT) and its usages among the Sri Lankan community.

The Website: <http://sliot.cse.mrt.ac.lk>

### **CPD WORKSHOP ON DOCUMENTING TRAINING AND EXPERIENCE FOR ASSOCIATE MEMBERS**

The IT & Computer Engineering Sectional Committee of the IESL conducted a CPD Workshop on documenting training and experience for Associate Members. The focus of the workshop was to prepare documents for the Professional Review process highlighting the five core competencies to be achieved during the formative stage of a young engineer's career.

Engineers who are planning to apply for the IESL Corporate Membership in IT and Computer field have participated for the workshop.

### **INTRODUCING CRITERIA FOR OBTAIN CHARTER IN THEIR WORKING FIELD**

A demand for a specific Engineering discipline may change from time to time depending on many factors. The main factor for this demand is the opportunities created by the industry. Therefore, many Engineers are working in fields which is different from their field of study. For example, there are many electronic & telecommunication Engineers and electrical Engineers who are working in the IT and software Engineering field. Most of them have already gained enough experience in their

current field, thus unable to obtain the Charter because they are working in a field that is different from their main field of study.

Therefore, a framework and criteria were recommended by the sectional committee and obtained approval from the council to create a pathway for those Engineers to get their charter by obtaining enough experience and relevant education in the ICT field. The sectional committee is continuing to work on finalizing and implementing this path for engineers who are willing to work on the IT and Computer field.

### ONLINE ACTIVITIES AND PROMOTIONS

Also, the sectional committee continued to maintain its high-profile online presence with the popular Facebook page of the committee now exceeding 6,900 followers.



Robo Games



SLIoT Challenge 2020



CPD Workshop on documenting training and experience for Associate Members

(Reported by Eng. M.S.M. Musthalie, Secretary-IT&CESC)



## 07. Mechanical Engineering Sectional Committee

The inaugural meeting of MESC for the session 2019/2020 was held 20<sup>th</sup> November, 2019 chaired by Eng. Lasantha Ekanayake (M 6962). The team leaders and members were selected at the inaugural meeting as follows. There were around 40 members participating in the monthly meeting. However, due to various circumstances, they were not able to attend on regular basis. But they are in touch with the MESC on various activities such as CSR, Field visits, Public Lecture series, etc. MESC was held on every second Wednesday in each month unless notified. MESC expects 50% or better attendance record.

Position	Selected Person	Proposed By	Seconded By	Team Members
Secretary	Eng. Rantharu (AM 10119)	Eng. Lasantha (M 6962)	Eng. Arjuna (F 1041)	
Innovation	Eng. Nagahawatte (M 7948)	Eng. Lasantha (M 6962)	Eng. Kumudu (AM 18681)	Eng. Kushan (AM 17715) Eng. Parakrama (F 606)
Public Lectures	Eng. Randika (AM 9966)	Eng. Parakrama (F 606)	Eng. Sandanayake (M 1196)	Eng. A. Bandara (AM 14509) Eng. N. Abeyesundara (AM 19156) Eng. Gayanath (AM 9125)
External Affairs	Eng. Lasantha (M 6962)	Eng. Arjuna (F 1041)	Eng. Nagahawatte (M 7948)	Eng. Arjuna (F 1041) Eng. Sandanayake (M 1196) Eng. Asela (M 6958) Eng. Kamal (AM 8760) Eng. Lochana (AM 17190) Eng. Parakrama (F 606) Eng. Nagahawatte (M 7948)
CSR Project	Eng. Muthunayake (M 5536)	Eng. Lasantha (M 6962)	Eng. Arjuna (F 1041)	Eng. Nagahawatte (M 7948) Eng. Kumudu (AM 18681) Eng. Dinesh (AM 6754) Eng. Lasantha (M 6962)
Techno Exhibition	Eng. Gayanath (AM 9125)	Eng. Arjuna (F 1041)	Eng. Lasantha (M 6962)	Eng. Loshan (AM 9133) Eng. Ravin (AM 15062) Eng. Mahesh (AM 15174)
Membership Development	Eng. Asela (M 6958) Eng. Lasantha (M 6962)	Eng. Kumudu (AM 18681) Eng. Arjuna (F 1041)	Eng. Arjuna (F 1041) Eng. Gayanath (AM 9125)	Eng. Kamal (AM 8760) Eng. Ravin (AM 15062) Eng. Loshan (AM 9133)
Field Visit	Eng. Ganesh (AM 8272) Eng. Nalin (AM 14509)	Eng. Asela (M 6958)	Eng. Rantharu (AM 10119)	
Committee Members	Eng. Parakrama (F 606) Eng. Asela (M 6958) Eng. Arjuna (F 1041)	Eng. Sandanayake (M 1196) Eng. Piyasiri (M 2028) Eng. Nirosha (AM 19156)	Eng. Roshen (AM 16244) Eng. Ranathunga (AM 12817)	

### CSR Project

#### 1. Handing over complete personal protective equipment sets

27 numbers of complete personal protective equipment sets worth LKR 250,000.00 were handed over to the health care staff of Colombo South Teaching Hospital. This project was coordinated by MESC and sponsored by Lakdhanavi Limited.

Donation was carried out on 25th March 2020 and it was followed by a discussion with a panel of doctors headed by Dr. Asela Gunawardena – The director of Colombo South Teaching Hospital about the technological assistance that hospitals and healthcare system needs implementing control measures to mitigate the spread of virus as well as developing medical equipment.

Eng. Randika Amarasuriya (Former MESC Secretary), Eng. Shakthi Dissanayake and Eng. Janitha Jayasinghe joined this occasion representing MESC, IESL and Lakdhanavi Limited respectively. Eng. Kithsiri Egodawatte coordinated this activity from Lakdhanavi Limited end.

## **2. Manufacture & Handing over Personal Protective Gowns produced by MESC**

Members of IESL-MESC set up a small scale pilot production facility to manufacture and donate PPE (Gowns) with technical support from the Sri Lanka Institute of Textile & Apparel (SLITA). The facility is currently catering to the needs of National Health care sector. DG of SLITA Eng. Robert V Peiris, a Member of MESC was instrumental in setting up the technical partnership and SLITA Eng. Sarath Vijayabahu was the main stay in the factory setup.

First set of personal protection Gowns Manufactured under this project was ceremonially handed over to the Minister of Health Pavithra Wanniarachchi. Eng. Lasantha Gayan Ekanayake- Chairman MESC, Eng. Rantharu Atthanayake – Secretary MESC, Eng. Arjuna Manamperi - Former Vice President of IESL & Council Member of Engineering Council Sri Lanka, Eng. Sarath Wijayabahu-SLITA and Dr. Anuruddha Padeniya joined this occasion.

Second set of personal protection gowns (870 Nos) produced under this project were delivered to a few Kurunegala Hospitals in collaboration with the Wayamba Chapter of IESL. This donation was fully sponsored by IESL Wayamba Chapter. Eng. Prasad Siriwardena, Officer of Wayamba Chapter coordinated with MESC.

Third set of personal protection gowns produced under this project were handed over to Dr. Udaya De Silva of Anuradhapura Teaching Hospital. Eng. Lasantha Ekanayake, Chairman – MESC, IESL participated for this occasion on behalf of the committee.

## **3. MCovid Steam Decontamination Machine**

MESC Designed and fabricated a PROTOTYPE of Steam Decontamination Machine. This was handed over to Dr. Udaya De Silva (Teaching Hospital Anuradhapura) at the IESL premises. Eng. Rantharu Atthanayake – Secretary MESC, Eng. Arjuna Manamperi, Eng. Ganesh Dahanayake and Eng. Loshan Palayangoda, all from MESC participated at the event.

MCovid SD2750 Steam Decontaminator is designed for the purpose within wards, surgical rooms, general operating areas of hospitals, ambulances and patients handling areas, without the use of chemical compounds. The device uses an electrical heating element to generate saturated steam at temperatures as high as 120 Celsius. High temperature steam has a record of destroying bacteria, certain viruses and other microorganisms including many forms of pathogens. Dr. Udaya and his team plans to test the efficacy of the machine in their hospital.

## **Public Lectures**

### **1. Rampala Memorial Lecture**

The IESL commemorated the 109th birth anniversary of the Late Eng. B.D.Rampala at the Wimalasurendra auditorium of its Headquarters on Thursday, 14th November, 2019 in the presence of a large audience comprised of Council members, Past Presidents, family members of Eng. B D Rampala, Engineers of Sri Railways and general membership of the IESL. The memorial oration, delivered by Eng. Gratian A. Peiris, from Sri Lanka Railways was on the theme “Harnessing Technology to make Sri Lanka a Developed Country: Challenges & Strategies”.

Eng. Peiris is a Chartered Mechanical Engineer as well as a Chartered Management Accountant with intensive multi- disciplinary expertise in Construction, Engineering, Development Banking, Corporate & Business planning & Management.

## **2. Holistic Approach to Safety**

Public Lecture on “Holistic Approach to Safety” Organized by Mechanical Engineering sectional Committee was held on 04<sup>th</sup> December 2019, 5.30 pm onwards at Wimalasurendra Auditorium of IESL. The lecturer was Eng. Rajendran Menon – A consultant for safety having 02 decades of experiences in relevant field.

## **3. New Regulations under the Factories Ordinance Passed by the Parliament recently**

The first public lecture in year 2020 by MESL on “New Regulations under the Factories Ordinance Passed by the Parliament recently” was successfully held at Wimalasurendra Auditorium of IESL on 17<sup>th</sup> January 2020. The Presenter was Eng. Luxman Jansz - Additional Commissioner General of Labor. The lecture was focused on five important regulations recently implemented by department of labor.

## **4. After submission of PR Application – Clearing doubts about the PR Process**

With the spread of Covid 19 pandemic, public gatherings were discouraged and as an alternative Mechanical Engineering Sectional Committee had to move to online sessions. The first ever online session organized by MESL “After submission of PR Application – Clearing doubts about the PR Process” was successfully held on 25<sup>th</sup> June 2020 5.30 pm onwards on zoom platform with the participation of more than 200 participants. A panel from IESL lead by Eng. Neil Abeysekera - Chief Executive Officer/ Executive Secretary, The Institution of Engineers, Sri Lanka answered the questions about IESL Charter process raised by the Audience during this session. This session was moderated by Eng. Arjuna Manamperi - Former Vice President of IESL & Council Member of Engineering Council Sri Lanka.

## **5. Air Conditioning Best Practices for Sri Lanka’s Infection Control**

Online lecture + Panel discussion through Zoom platform on Air Conditioning Best Practices for Sri Lanka’s Infection Control. This too was conducted on 30<sup>th</sup> June 2020 5.30pm onwards via Zoon platform. Eng. Nissanka Serasinghe – A senior Engineer having 05 decades of Experiences in the field of HVAC , Archt. Major (Rtd) Ashika Munasinghe - a retired Major in the Corps of Engineering Services of the Sri Lanka Army and a licensed Chartered Architect & Dr. Chandramali Munaweera - MBBS Graduate from The Colombo Medical Faculty, working in a leading Private Hospital Joined the session as resource persons.

## **Field Visit**

### **1. Airforce Base Katunayake**

Team Leader Eng. Ganesh Dahanayake in collaboration with Sri Lanka Air Force arranged a field visit to Airforce base at Katunayake on 7<sup>th</sup> February 2020. Around 30 members participated in this visit.



Handing over complete personal protective equipment to Colombo South Teaching Hospital



Handing over Personal Protective Gowns produced by MESC to the Minister of Health Pavithra Wanniarachchi



Handing over MCoVID Steam Decontamination Machine to Dr. Udaya De Silva (Teaching Hospital Anuradhapura)



Field visit to Airforce base at Katunayake

(Reported by Eng. Rantharu Attanayake, Secretary-MESC)

# PROVINCIAL CHAPTERS - 2019 / 2020

## **01. IESL Eastern Chapter**

### **THE 21<sup>ST</sup> ANNUAL GENERAL MEETING**

The Twenty-first Annual General Meeting of the Institution of Engineers, Sri Lanka Eastern Chapter was held on Saturday 23<sup>rd</sup> November 2019 at Sun Shine Grand Hotel, Kallady, Batticaloa. The meeting commenced at 17.00 hrs with the Chairman Eng. V.Rajagopalasingam in the chair.

The Chief Guest Eng. K P I U Dharmapala, President-Elect-IESL, Guest of Honour Eng. S.Mohanarajah, Director General of Irrigation, Special Guest Dr.(Eng.) S.M.Junaideen, Dean Faculty of Engineering SEUSL, and Eng. S. Ganeshalingam, P/Director of Irrigation, Eastern Province graced the occasion.

Following Technical Presentation by INSEE cement, Guest of honour Eng. S.Mohanarajah, Director General of Irrigation expressed his views on the current situation of the Engineering Profession in Sri Lanka and the role of an Engineer in the society towards the development of the country. He pointed out that the cadre position of Director General of Irrigation is still under common cadre and the officers in other parallel services can also be appointed to this post. Further, he added that the post of DGI should be a cadre belongs to Sri Lanka Engineering Service as the activities of the Irrigation Department are mostly administered by Engineers.

The financial statement was circulated to all members and it was presented by Eng. B.Suthakaran Treasurer for the session 2018/2019 of the IESL Eastern Chapter. The financial statement was proposed by Eng. T.Pathmarajah and seconded by Eng. N.Sasinanthan respectively and it was adopted.

Election to choose new bearers for the session 2019/2020 of IESL Eastern Chapter was held. It was advised to select representatives from all three Districts of the Province to ensure the equal participation of members. The details of newly elected members for the Executive Committee and District Committees are as follows.

After Chairman's speech, Chief Guest Eng. K P I U Dharmapala, President-Elect-IESL addressed the forum. He expressed his views on the current situation of the Engineering Profession in Sri Lanka and the role of an Engineer in the society towards the development of the country. Further, he appreciated the activities carried out by the IESL Eastern chapter during the session 2018/2019 and requested the newly elected committee to work closely with the IESL to carry out the activities in the Eastern Province successfully.

Finally Eng. S.Subaharan, the Secretary, IESL-Eastern Chapter delivered the vote of thanks and the 21<sup>st</sup> Annual General Meeting was concluded at 9.30 p.m. proceeded by Dinner.



**EXECUTIVE COMMITTEE OF IESL EASTERN CHAPTER FOR THE SESSION 2018/2019**



**Committee of Batticaloa district centre for the Session 2018/2019**



**Committee of Ampara district centre for the Session 2018/2019**



**Committee of Trincomalee district centre for the Session 2018/2019**



**21<sup>st</sup> Annual General Meeting of the IESL Eastern Chapter**

## **Tentative programs proposed by IESL (Eastern Chapter) for the year of 2019/2020**

- i) Recognition of the Engineers position in the private sector.
- ii) Find placements for fresh Engineers.
- iii) Continuous Professional Development.
- iv) Building for Eastern Chapter.
- v) Recognize the inventors in the eastern province.
- vi) Strengthen the Engineers relationship.  
Organizing a day out annual family get together and fun fare program for the members with their families to strengthen the relationship and understanding among the members.
- vii) Encourage Environmental protection.  
Environmental problems are a necessary evil accompanied by the development projects. IESL (Eastern Chapter) proposes to include the mitigation costs with the project cost during estimation with the cooperation, coordination, and concurrence of all the head of staff concerned in eastern province.
- viii) Forming a TOASTMASTER CLUB.  
Forming a TOASTMASTER CLUB at the provincial level to facilitate the development and acquirement of professional and other related Soft-Skills among the members of the IESL (Eastern Chapter) continuously.
- ix) Strengthen the public against climate change.  
The IESL (Eastern Chapter) plans to disseminate knowledge and strategies with climate smart activities for the farmers and fishermen of the east to tide over the unfavorable impacts of the climatic changes with the assistance of the relevant departments.
- x) Safe natural water resources and flows.  
Initiate legal action by IESL (Eastern Chapter) against those involved in the illegal blocking and/or occupation of natural water resources and flows which are serving the environment and farmers.
- xi) Strengthen the financial capacity.  
Design and implement innovative and sustainable activities to generate the necessary finance needed to implement the planned activities for the future.

### **Find placements for fresh Engineers.**

#### **1. The job fair program for unemployed Engineering graduates through the leading companies in Sri Lanka.**

The above program was organized by the IESL-Eastern Chapter on 5<sup>th</sup> March 2020 at kalmunai, Ampara district. Find placements for all the Engineering graduates who just passed out at the university after completing their degree programs. Five leading companies and forty-five Engineering graduates participated in the job fair.

### **Continuous Professional Development**

#### **2. Technical session on 5G wireless communication –Opportunities and challenges.**

The above program was organized by the IESL-Eastern Chapter on 13<sup>th</sup> January 2020 at the provincial director's office, Road Development Department Karruvapenkerny, Batticaloa with the view of improving professional development on opportunities and challenges by 5G wireless communication of Engineers. Twenty Engineers participated for the technical session and the Resource person was Eng. R.Valluvan, BSc.Eng(Hons), MSc Lecturer, Faculty of Engineering, University of Jaffna.

### **3. CPD on Corrosion Resistance in steel and steel structural Buildings.**

The above program was organized by the IESL-Eastern Chapter on 01st February 2020 at the provincial director office, Road Development Department Karruvapenkerny, Batticaloa with the view of improving professional development. Thirty Engineers participated in the CPD event.

### **4. CPD on Equipping Engineers with Management Skills.**

The above program was organized by the IESL-Eastern Chapter on 20th February 2020 at the Deputy director's office, P/Irrigation Department Ampara Range, Klamunai the program based on enhancing the administrative and managerial skills of the Engineers. Thirty-five Engineers participated in the CPD event.

### **5. Technical talk on Managed Aquifer Recharge (MAR) Local Solution to the Water Crisis.**

The above program was organized by the IESL-Eastern Chapter on 13th March 2020 at conference Hall NWSDB Tricomalae the program based on storing excess surface water underground, when available, for extraction and use at a later Twenty-five Engineers participated in the CPD event.

### **6. Soft skill Workshop on Personal Branding for Engineers**

The above program was organized by the IESL-Eastern Chapter on 5th September 2020 at Conference Hall Telecom PLC, Sri Lanka Ampara range, Klamunai interactive workshop helped to identify Engineer's assets, characteristics, strengths, values, and skills as an individual. Understanding Personal Branding provides advantages in the personal and professional life skills of Engineers. Twenty-one Engineers participated in the CPD event.

### **7. The school books are distributed on the concept of Enhancing the education in Rural area of Nations**

### **8. COVID 19-support medical profession**

COVID 19 issue, the chapter handover some kits, face shield and goggles to the director teaching hospital, Batticaloa.

### **9. B paper Examination 15<sup>th</sup> March 2020.**

## **02. IESL Kandurata Chapter**

### **Office Bearers Appointed for the Session 2019/2020**

(AGM was held on 29<sup>th</sup> November 2019)

<b>Position</b>	<b>Name</b>
Chairman	Eng. (Mrs.) S.K.I. Wijewardana
Secretary	Eng (Mrs.) C.M.S. Dissanayake
Vice-Chairman	Eng A.G.Samarasinghe
Assist. Secretary	Eng D.N.B. Liyanage
Treasurer	Eng.(Mrs. ) R.B.M.M. Rajapaksha
Editor	Eng. (Mrs.) H.M.S.K. Dharmadasa



The Chapter uses an integrated plan for the development of dignity of the engineering profession within the Central Province. This is planned in three comprehensive areas, Professional Development, Social Development, and Economic Development and the year plan was developed accordingly. Some activities related to these three areas were monitored to achieve the objective and these activities shall be complying or accompanying CPD courses. But due to COVID 19 pandemic, most of the planned events couldn't be implemented.

## 1. Professional Development

Following events and activities were successfully conducted.

- “Technical session on Colour washing techniques “on 23<sup>rd</sup> January 2020 at Swiss Residence, Kandy. Nippon paint Lanka Private Limited and IESL Kandurata Chapter Jointly Organized
- “Meetings were conducted on 12<sup>th</sup> February 2020 and 27<sup>th</sup> February 2020 for organizing NATIONAL ENGINEERING CONFERENCE” and the topic was decided as *“Engineering in Agriculture Productivity, Improvement and Value Addition”*

- **“B Paper” Workshop**

“B Paper” half-day workshop held on 01<sup>st</sup> March 2020 from 9.00 a.m. to 1.30 p.m. at Seminar Room, Faculty of Engineering, University of Peradeniya.

The resource person was Eng Udeni Wickramarathne.

- **“B Paper” Examination /March 2020**

“B Paper” Examination held successfully on 15<sup>th</sup> March 2020 at Faculty of Engineering, University of Peradeniya.

## 2. Social Development;

- Family Get-together on 28<sup>th</sup> December 2019 at Earl’s Regency Hotel, Kandy.
- Live Virtual Musical Fiesta

The rehearsal was done on 2<sup>nd</sup> July 2020 and the recording was done on 6<sup>th</sup> July 2020.

Following songs were performed by members of Kandurata Chapter

- *“Aradhana “* by Eng Mahendra Wijepala
- *“Ruwan Tharaka “* by Dr Samith Buddhika
- *“Atha Epita Gammane”* by Eng Palitha Abekoon
- *“Suwadai Muwe Malpani”* by Eng Pandula Pallekumbura
- *“Ganga Addara “* by Eng Asela Bandara

- Special Event- Protect from COVID 19

Donated Following protecting equipment to Theldeniya Hospital on 11<sup>th</sup> May 2020

- 50 number of full face shields -Purchased from the Faculty of Engineering, University of Peradeniya.
- 90 number of half face shields- Purchased from the Faculty of Engineering, University of Peradeniya.
- 75 number of PPE kits- purchased from Ansel Lanka Pvt Ltd.

- **Planning Circle Meeting**

The planning circle meeting was held on 13<sup>th</sup> March 2020 at the CEB Auditorium Kandy.

**Future Events**

- Field visit to Victoria Dam planned on 19<sup>th</sup> September 2020
- Evening talk on “Corrosion Resistance” First week of October
- Start a **TOASTMASTER** club for Central province Engineers
- AGM planned on the second week of November 2020

**3. Committee meetings**

Up to now, a total of 7 meetings were held during the session.

**Committee Members**

	<b>Name</b>
Chairman	Eng. (Mrs)S.K.I. Wijewardana
Secretary	Eng (Mrs)C.M.S. Dissanayake
Vice Chairman	Eng A.G.Samarasinghe
Assist. Secretary	Eng D.N.B. Liyanage
Treasurer	Eng.(Mrs)R.B.M.M. Rajapaksha
Editor	Eng (Mrs) H.M.S.K. Dharmadasa
1	Eng M.G.T.P. Dassanayake
2	Eng R.L. Weragama
3	Eng T.D.L.S. Jayasena
4	Eng C.K.Ratnayake
5	Dr H.A.D Samith Buddhika

**Representative Members**

<b>Organization</b>	<b>Name</b>
PRDA	Eng M.G.C.D.Mahagedara
Faculty Of Eng	Eng G.K.Jayantha Perera
SLT	Eng K.E. Wijethilake
NWS& DB	Eng G.L.D.A. Premathilake
SEC	Eng M.D.A.A.Ranasinghe
RDA	Eng Dhammika Bandara
CEB	Eng E.M.T.G.S.B. Bothota
CECB	Eng J.W.H.M.T. Jayasinghe
Prov. Irrigation	Eng Chandani Abegunasekara

ESD	Eng D.M.T.D..Dissanayake
Mahaweli	Eng K.P.madubhashini
KMC	Eng J.M.G.S.K. Jayasekara
Irrigation	Eng Chamara Kalubogedara
Agriculture	Eng Randika Prasanna
Buildings	Eng W.K.T.U Lakshanthi
Private sector	Eng Tharaka Harischandra
Private sector	Eng Thissa Gopallawa
ESD(Matale)	Eng M.T.C. Senarathna



**"B Paper" Examination /March 2020**



**Meetings were conducted for organizing NATIONAL ENGINEERING CONFERENCE"**



**Special Event- Protect from COVID 19**



**Planning Circle Meeting**



**Social Development**

(Reported by Secretary, IESL Kandurata Chapter)

### **03. IESL Rajarata Chapter**

During the session 2019/2020 following monthly activities were conducted.

#### **1.0 Continuous Professional Development Activities**

##### **1.1 Topic : Inter-Personal Skills for Engineers**

The resource person was Eng. Nalaka Amarahewamadduma. The event was on 21<sup>st</sup> January, at Randiya Hotel Anuradhapura. The event was organized by the Executive Committee and 100 engineers from Anuradhapura and Polonnaruwa attended.

##### **1.2 Topic : Painting Beyond the colours**

This event was on 03<sup>rd</sup> March at Lake Forest Hotel, Anuradhapura. The event was organized by the Engineers of Road Development Authority. The participation was 110.

##### **1.3 Topic :How to Negotiate During Hard Times**

The source person was Mr. Thissa Dissanayake, Founder/CEO of Boston Negotiation Group. This was conducted on 09<sup>th</sup> June on Zoom platform.

##### **1.4 Topic : Go Green and Serve Our Environment**

The resource person was Prof. Ranjith Dissanayake. This was an introductory session for Green Building concept and Green Rating system in Sri Lanka. This was conducted on 18<sup>th</sup> June on Zoom plat form

##### **1.5 Topic : Introduction to Building Services Engineering.**

This was organized jointly with the Building Services Engineering Sectional Committee. The Resource person was Eng. Suranga Lekamwasam. This was on 22<sup>nd</sup> July on zoom platform

##### **1.6 Topic: Water Demand for Drinking and Irrigation Purposes**

The resource person was Eng. (Dr.) Kithsiri Weligepolage, Director- Irrigation, Anuradhapura. This event was held on 27<sup>th</sup> August at Irrigation Department Auditorium. The event was organized by the engineers of the Irrigation Department and 110 Engineers attended.

##### **1.7 Topic : Multidisciplinary Perspective on Trending Areas in Engineering**

The resource persons were Eng. (Dr.) S.A.H.A Suraweera, Eng. (Dr.) Roshan Godaliyadda, Eng. (Dr.). Parakrama Ekanayake and Eng. (Dr.) Vijitha Herath. This event was organized by Engineers of Sri Lanka Telecom jointly with the Faculty of Engineering, University of Peradeniya on Zoom platform on 07<sup>th</sup> September.

#### **2.0 Social Events**

##### **2.1 Annual Cricket match – Eng. W.P Jinadasa Challenge Trophy**

This was organized by Engineers of National Water Supply and Drainage Board and held at Irrigation Ground in Anuradhapura on 04<sup>th</sup> February 2020. Ten teams took part in the tournament. 115 engineers participated in the event.

**2.2** Participated in Virtual Musical Fiesta organized by Civil Engineering Sectional Committee

**2.3** Camp Fire and Paduru Party

This event was organized by Engineers of the Irrigation Department and was held on 27<sup>th</sup> August at Irrigation Grounds in Anuradhapura.

### **3.0 Corporate Social Responsibility Project**

**3.1** Donation of Face shields – Phase 1

Engineers in Anuradhapura and Polonnaruwa contributed to the project. Face shields were donated to Mayer, Anuradhapura Municipal Council, Director –Health Services, North Central Province, Director – General Hospital, Anuradhapura

**3.2** Donation of Face shields – Phase 2

Face Shields were donated to Children’s Word and Dental Clinic, General Hospital, Anuradhapura, MOH office, and Police Station Kekirawa.

### **4.0 Meetings**

**4.1** Executive Committee Meetings

Conducted ten executive committee meetings and two meetings on Zoom platform

**4.2** Provincial Centre Meetings

Attended all three Provincial Centre meeting at IESL.

### **5.0 Maintenance work at Provincial Centre Building**

**5.1** Replacement of name board of the Centre

**5.2** Renovation of damaged sewerage line

**5.3** Clearing of the premises

### **6.0 Events to be conducted during the session**

**6.1** “Gee Rasa Windana” 4<sup>th</sup> week of September

**6.2** Technical session on “Sanitary Land Fills in Sri Lanka” on 1<sup>st</sup> Week of October

**6.3** Field Visit to Uma Oya multipurpose Irrigation Project on 3<sup>rd</sup> Week of October

**6.4** Annual General Meeting - November



**CSR Project - Donation of Face shields**



**Social Events - Annual Cricket Match**



**CPD Activities - Water Demand for Drinking and Irrigation Purposes**



**CPD Activities - Painting Beyond the colours**



**Social Events - Participated in Virtual Musical Fiesta organized by CESC**



**CPD Activities - Inter –Personal Skills for Engineers**

(Reported by Eng. Lalani Wijesekara, Hony. Chairperson - Rajarata Chapter)

## **04. IESL Ruhunu Chapter**

### **ANNUAL GENERAL MEETING & ANNUAL SESSIONS – 2019**

"Annual General Meeting of IESL Ruhunu Chapter was successfully held on 22nd November 2019 at Grand Rockland Hotel at Matara. Participants were officially welcomed by the Hon. Chairman, Eng. D.M.J. Roshan Kumara (CEB). The Chief Guest was Eng. (Prof) T.M.Pallewatta, Immediate Past President-IESL. Eng. K.P.I.U Dharmapala, President-Elect (IESL), Eng. (Dr) Kamal Laksiri, Vice President-IESL and Eng. Kosala Kamburudeniya, Vice President-IESL also grace the occasion.

This event was attended by over 75 engineers from various disciplines who are working within the southern province."

### **GUEST LECTURE ON "SMART CEMENT"**

Guest Lecture on "Smart Cement" was conducted by Prof. C. Vipulanandan who invented the " Vipulanandan Rheological Model" and the event was organized by IESL Ruhuna Chapter with the collaboration of Faculty of Engineering, University of Ruhuna.

Over 100 participants participated in the event including engineers and engineering undergraduates.

### **FIELD VISIT TO STAGE IV WATER SUPPLY PROJECT – MATARA**

Field visit to Matara Stage IV Water Supply Project was conducted by IESL Ruhuna Chapter with the Sponsorship of Project Office of NWSD. During the field visit, we were able to visit the salinity barrier, water treatment plant, water intake, and overhead tank and also had an elaborated PowerPoint presentation about the project.

The event was attended by over 30 engineers from various disciplines who are working within the southern province.

### **PLANNING CIRCLE – MATARA**

Planning Circle of Matara District was held at Hotel Solis, Matara with a Valuable Presentation on Modern Painting Stems conducted by Nippon Paint Lanka (Pvt) Ltd.

The event was attended by over 85 engineers from various disciplines who are working within the southern province.

### **RADIO PROGRAM ON SUSTAINABLE DEVELOPMENT**

Radio Programme was held on "Sustainable Development" at Ruhunu Sevaya, Matara to enhance the knowledge of sustainable development among the community in Southern Province.

Eng Sooriyabandara who was the Past President of Ruhuna Chapter, Eng Sandaruwan Jayasinghe who is the Vice President of the Ruhuna Chapter, and Architect Russel Dandeniya participated in the event.



**EXECUTIVE COMMITTEE OF IESL RUHUNU CHAPTER FOR THE SESSION 2019/2020**



**Guest Lecture on "Smart Cement"**



**Field Visit on Stage IV Water Supply Project –  
Matara**



**Planning Circle – Matara**



**Radio Programme on Sustainable Development**



## **05. IESL Sabaragamuwa Chapter**

The Annual General Meeting of IESL Sabaragamuwa Chapter 2018/19 was held on 10<sup>th</sup> December 2019 at Silver Ray, Lellopitiya, Pelmadulla with the participation of nearly 100 engineers. Eng. (Prof.) S.B.S. Abayakoon was the chief guest of the event. Eng. (Prof.) T.M. Pallewatta & Eng. Arjuna Manamperi also addressed the gathering. The function was of colorful items such as engineering videos, event videos, and few dancing items. The event was followed by a raffle draw, cocktail dinner, and fellowship. The new executive committee for the session 2019/20 was appointed during AGM as follows.

<b>Position</b>	<b>Name</b>	<b>Organization</b>
Chairman	Eng. C. S. Kulasooryage	CEB
Vice Chairman	Eng. Prasad Piyasena	CEB
Secretary	Eng. Wijayani Rathnayake	Prov. Eng. Services
Treasurer	Eng. G.A.S. Wijesekara	Private Sector
Editor	Eng. D.W.D. Sampath Senarathna	SLT
Assistant Secretary	W.M.D.G. Weerakoon	CECB
Committee member	Eng. K.L. Lalith Kumara	Private Sector
Committee member	Eng. P.D.D.G. Gunathilaka	RDA
Committee member	Eng. C.P. Hettiarachchi	Prov. Eng. Services
Committee member	Eng. D.L.G. Rathnamali	Prov. Eng. Services
Committee member	Eng. M.R. Mathotaarachchi	NWS&DB
Committee member	Eng. K.S.K. Rathnasekara	CECB
Committee member	Eng. P.W. Priyani	SLT
Committee member	Eng. T.B.K. Dharmapriya	CEB
Committee member	Eng. Charith Dayarathna	CEB
Committee member	Eng. Aruna Samarathunga	Irrigation Dept.
Committee member	Eng. Suhashini Ihalagama	CEB

The first committee meeting of the IESL Sabaragamuwa Provincial chapter for the session, 2019/20 was held on 18<sup>th</sup> Dec 2019 with the participation of new executive committee members. Annual event plan and new proposals were discussed at the first meeting. Thereafter, following events were organized by the IESL Sabaragamuwa Provincial Chapter according to the plan.

### **Event 01: Special Aloka Pooja**

IESL Sabaragamuwa Chapter started its activities for the session 2019/20 with a Special Aloka Pooja on 23<sup>rd</sup> December 2019 at Sabaragamuwa maha Saman Devala premises with the

participation of IESL members and their families. Devala premises was lighted up through oil lamps with the name, "IESL Sabaragamuwa 2019-2020".

#### **Event 02: Workshop on "Key Emotional Intelligence for Leadership" (CPD)**

The first CPD session of IESL Sabaragamuwa Chapter 2019/20 was held successfully on 29<sup>th</sup> January 2020 at "Sapthapadi" hotel, Ratnapura. The event was conducted by Prof. Ranjith Bandara who is the head of the business school of Colombo school of business & management. It was a very interactive session as participants actively engaged with the workshop and its activities. More than 100 engineers of the province participated in the event and it was followed by a fellowship dinner.

#### **Event 03: Whales Watching at Mirissa**

IESL Sabaragamuwa Chapter organized a family trip on Whales watching at Mirissa sea area on 15<sup>th</sup> February 2020. Navy ship tour was started from Galle harbor at 6.00 am and participants enjoyed throughout the journey with new experiences. They got the opportunity to enjoy sea bathing in the latter part of the event at Hikkaduwa. More than 60 participants including family members gathered for the event to make it successful.

#### **Event 04: "TALK TO SCHOOL" Program**

IESL Sabaragamuwa Chapter together with IESL YMS jointly organized this event on 27<sup>th</sup> February 2020 at Sivali Central College, Ratnapura. The main purpose of this event was to aware of school children about the role of Engineers in society. More than 400 school children and school teachers representing provincial schools attended for the session and school children were able to clarify many things about basic engineering works and engineer's role in the society.

#### **Event 05: B Paper Examination**

Sabaragamuwa Provincial B Paper examination was held on 15<sup>th</sup> March 2020 at Technical College, Ratnapura.

#### **Event 06: Donation of Refrigerator for Ratnapura Teaching Hospital**

Members of the IESL Sabaragamuwa Chapter took initiative to donate a Refrigerator for Ratnapura Teaching hospital to initiate PCR tests which are important to identify Covid 19 patients. This donation took place on 6<sup>th</sup> April 2020 at the hospital premises with the participation of Chapter members. Chairman and Executive committee of the IESL Sabaragamuwa Chapter were appreciated for the contribution made by its members of government and private institutions to make this happened.

### **Event 07: Field Visit to Kuruwita Industrial Zone**

IESL Sabaragamuwa Chapter organized a field visit to Kuruwita Industrial zone on 16<sup>th</sup> June 2020. The main purpose of this visit is to identify engineering issues faced by factories within the zone and to support them through engineering solutions. IESL members representing various engineering disciplines in the province participated in this first visit and discussed operational activities and basic engineering solutions for operational issues. Sabaragamuwa Chapter hopes to continue this activity as a continuous program by supporting those entrepreneurs through engineering solutions and proposals.

### **Event 08: Webinar on Hybrid & Electric Vehicle Technology**

IESL Sabaragamuwa Chapter organized its first webinar on Hybrid & Electric vehicle technology on 27<sup>th</sup> June 2020. The event was conducted by Eng. Deeptha Appuhami, owner of Sancta maria company. The session was a very valuable session for the participants as many positive comments received about the event and attendees were able to clarify numerous things about hybrid vehicles.

### **Event 09: Awareness Session on Proposed Samanalawewa Water Management project**

Awareness session on the proposed Samanalawewa water management project was held successfully on 23<sup>rd</sup> July 2020 at CEB Samanala complex auditorium. The session was conducted as a presentation by Eng. Somathilake, DGM-Samanala complex, Ratnapura. Members actively participated in this event and discussed many things about the future project plan and new proposals.

### **Upcoming Events**

Event 10: Awareness session on Advanced technologies in the painting industry (September)

Event 11: Comprehensive Technical visit to Kuruwita Industrial Zone (September)

Event 12: Field visit on Orian Terra Lak Steel Company (September)

Event 13: Awareness Program on Toastmasters (October)

Event 14: Awareness session on Solar Electricity generation (October)

Event 15: Joint Field Inspection with Kalthota Paddy Farmers at Samanalawewa (October)

Event 16: Tree planting Program in Singharaja Forest Boundary (November)

(Reported by Eng. Sampath Senarathna – Editor, IESL Sabaragamuwa Chapter)



**EXECUTIVE COMMITTEE OF IESL SABARAGAMUWA CHAPTER FOR THE SESSION 2019/2020**



**Workshop on "Key Emotional Intelligence for Leadership" (CPD)**



**Whales Watching at Mirissa**



**Donation of Refrigerator for Ratnapura Teaching Hospital**



**"TALK TO SCHOOL" Program**

## **06. IESL Uva Chapter**

### **1.0 Executive Committee for Year 2019/2020**

<b>No</b>	<b>Name</b>	<b>Membership No</b>	<b>Committee Post</b>
1	Eng.T.M.S.S.D. Tennakoon	M-5784	Chairman
2	Eng, Gunapala R.M.P.G.L	M-7613	Secretary
3	Eng. D.A.I. Fernando	AM-13264	Treasurer
4	Eng. H M D T Wijayabandara	AM 20194	Editor
5	Eng. W.G.C Sanjeewa	AM-14568	Assistant Secretary
6	Eng. H.M.S.K. Hennayake	AM-15431	Represent of CEB
7	Eng. P.A.S. Anuradha	M-6267	Represent of MWS&DB
8	Eng. H.M.L. Mohan Kumara	AM-14443	Represent of SLT
9	Eng. P.H.D Hemachandra	AM-12478	Represent of CECB
10	Eng.(Ms.) S.A.N.Samanmali	AM-15495	Represent of Irrigation
11	Eng. M.I.A. Sajeer	M7897	Represent of RDA
12	Eng.S.D.A.S Peiris	AM-15567	Represent of Provincial Council
13	Eng. J.M.A.C.Gunatne	M-6247	Represent of I-roads
14	Eng. (Mrs.) H.T.M. Satharasinghe	AM - 20116	Represent of Uma Oya
15	Eng. A.R.L.Samaraweera	AM - 22258	Represent of Other Org:

### **2.0 Event 01: Tree Plantation Program in Demodara Catchment, "Haritha Uyana" in Monaragala & Wellawaya – 01st January 2020**

Ecosystem degradation in Sri Lanka has taken place very critically mainly due to deforestation, improper land use planning, and settlements, land degradation (erosion), improper waste disposal, overuse of agrochemicals, etc. For instance, between 1990 and 2010, Sri Lanka lost an average of 24,500 ha or 1.04% per year. In total, between 1990 and 2010, Sri Lanka lost 20.9% of its forest cover or around 490,000 ha. In Badulu Oya catchment context, according to the data from Land Use & Policy Planning Department, Badulla; more than 5,000 hectares of forest lands have been converted to build-up lands and agricultural lands in Badulu Oya catchment within last 25 years. As a

result, the infiltration of rainfall has been reduced and the surface flow has increased. Ultimately the groundwater availability has decreased and also people frequently experience floods in Badulla area.

By understanding this situation IESL Uva chapter commenced an Ecosystem Conservation program for Badulu Oya upper catchment. As the first step, the IESL Uva chapter in collaboration with NWSDB (RSC-Uva) conducted a tree plantation program on the 1st of January, 2020. More than 330 trees including Mee, Kubuk, Mahogany, Areca nut, Kudu Dawula, and Fruits were planted in Demodara, Badulla, Bandarawela, Mahiyanganaya and Monaragala areas.

### **3.0 Event 02: Technical session on “How Corrosion Control Design Criteria can Assist Practicing Engineering Professionals is proposed to held 22nd January 2020”**

Program on “How Corrosion Control Design Criteria Can Assist Engineering Professionals” was organized by IESL-Uva chapter in collaboration with Dockyard General Engineering Services (Pvt.) Ltd. It was held on the 22nd of January, 2020 at Hotel Malindi, Bandarawela.

90 engineers were working in various engineering disciplines participated in the program. The event was commenced by planting two trees at Malindi hotel premises.

### **4.0 Event 03: Talk to school awareness program for Schoolchildren at Bandarawela Central College – 07th February 2020**

IESL-Uva chapter in collaboration with YMS, IESL conducted the “Talk to school program” on 07th of February, 2020 at Central College, Bandarawela with the participation of 350 students from the school.

The introduction of the program was done by Eng. Sobana Thennakoon, Chairman of the IESL-Uva chapter. Then Eng. Lionel Sri Gunapala the secretary of the IESL-Uva chapter presented an inspirational talk on “Becoming an Engineer”.

Introduction to IESL and YMS was conducted by Eng. Prasad Rathnayake, DGM (Uva)-CEB. The presentation on “Engineer for National Interests” was delivered by Eng. Ruwan Liyanage, DGM (Uva)-NWSDB. And a presentation on Energy management was done by Eng. Loshan Lilantha, CEB.

Finally, school management appreciated the effort done by IESL to empower the next generation of the country through this kind of programs and marked concluding remarks of the successful event.

**5.0 Event 04: Awareness Program of “Catchment protection, water quality and basic health practices” for Valluvar Tamil Vidyalaya– 28th February 2020**

IESL Uva chapter organized an awareness program on “Catchment protection, water quality and basic health practices” for students of Valluvar Tamil Vidyalaya, Thelbadda, Badulla on 28th of February 2020.

60 students from Grade 2 to 5 participated in the program. Mr.K.Starlin from NWSDB and Mr.Suresh Kanna from the Health department, Badulla participated as resource persons for the Program

**6.0 Event 05: Donation of Medical Safety Items for COVID 19 Pandemic to Badulla & Monaragala District Hospitals –22th April 2020**

Theatre slippers, KN 95 Masks and PPE kits were donated to both district hospitals in Badulla and Monaragla. The donation was given by the members of the Uva chapter.

**7.0 Event 06: Donation for Manufacturing of Ventilator by Members of the Chapter - 24th April 2020**

Team of this project completed prototyping of Venturi V1.0 mechanical ventilator collaboration with PGH Badulla and obtained appreciable feedback from consultants and doctors.

Therefore, they have been designed Venturi V2.0 mechanical ventilator which is a more reliable and advanced ventilator that can compete with Industry-standard ventilators which cost around 3.5Million rupees. The aim to build 5 (five) “Venturi V2.0” ventilators and donate them to government hospitals. The average cost for manufacturing each Venturi V2.0 is around 765.30USD / 150,000.00LKR and it was donated by the chapter.

## **8.0 Event 07: Donation for Manufacturing of "Oxygen concentrator device" by Members of Chapter - 24th April 2020**

With the risk of Covid-19 in Sri Lanka increasing day by day, a machine was designed to treat critically ill patients. A low-cost oxygen generator was designed and developed by a group of engineers (Eng. E.M.P.P. Ekanayake, Eng. H.V. Perera, Eng. M.V.D.D.M. Jayasinghe, Eng. R.M.V. Chathurange, Eng. R.M.D.C.N. Bandara, Eng. P.M.S.M.Lakmal and Eng. R.M.H.S Rathnayake), in collaboration with Provincial General Hospital, Badulla was demonstrated at PGH-Badulla on 20<sup>th</sup> April 2020.

The machine was able to generate oxygen using ambient air with purity up to 79.7% in 60% percent optimization and able to produce 95% purity in 95% optimization. The machine can treat up to 30 patients with a 5 l/min flow rate and cost about USD 790 per machine. The machine can be coupled with ventilators and also be used directly for patients who require oxygen.

## **9.0 Event 08:"Live Virtual Musical Fiesta" was done at SLT Studio, Bandarawela, on 06 July 2020**

- Six songs were recorded and sent to program.

## **10.0 Event 09:Technical Session on 3rd September 2020 @ Capital Resort**

- Energy-Efficient Communication for a Greener Tomorrow by Dr Himal Suraweera
- Broad Impact of Artificial Intelligence on Engineering by Dr Roshan Godalyadda
- Renewable Energy and The Smart Grid by Dr Parakrama Ekanayake

## **11.0 Future Program**

- Technical Session on Painting and Paint Industry - Third week of September 2020
- Uva Chapter Cricket Festival at Palwattha Ground – First Week of October 2020
- Techno exhibition – October 2020.
- "B" Paper Examination – October 2020
- Annual General Meeting 2020/2021 - November 2020





**EXECUTIVE COMMITTEE OF IESL UVA CHAPTER FOR THE SESSION 2019/2020**



**Donation of Medical Safety Items for COVID 19 Pandemic to Badulla & Monaragala District Hospitals**



**Awareness Program of "Catchment protection, water quality and basic health practices" for Valluvar Tamil Vidyalaya**



**Tree Plantation Program in Demodara Catchment, "Haritha Uyana" in Monaragala & Wellawava**



**Donation for Manufacturing of "Oxygen concentrator device" by Members of Chapter**

## **07. IESL Vadakkin Chapter**

<b>No</b>	<b>Position</b>	<b>Elected/ Selected</b>	<b>M/AM</b>
1	Chairperson (M)	Eng. A. Pushparajah	M 5496
2	Vice Chairman 1 (M) - Chairman of Kilinochi DC	Eng. N. Suthakaran	M 5432
3	Vice Chairman 2 (M) - Chairman of Vavuniya DC	Eng. M.E. Sutharsan	M 6871
4	Vice Chairman 3 (M) - Chairman of Mannar DC	Eng. M. M. Rajkumar	AM 12583
5	Secretary (M)	Eng. A. Sathyadasan	M 6433
6	Treasurer (M)	Eng. V. Jeganathan	M 5931
7	Asst. Secretary (M/AM)	Eng. T. Nandakumaran	AM 13958
8	Editor (M/AM)	Eng. A. Kajeewan	AM 14685
9	Committee member - 1 (M)	Eng. K. Kamalatheepan	M 7838
10	Committee member - 2 (M)	Eng. U. Kishokumar	M 6993
11	Committee member - 3 (M)	Eng. S. Ruthiralingam	F 593
12	Committee member - 4 (AM)	Eng. T. Sureshkumar	AM 14919
13	Committee member - 5 (AM)	Eng. S. Sarvaraja	AM 12510

### **1. Committee meetings**

There were Six Ex-committee meetings conducted during this period and many of the decisions taken at the meetings were executed.

### **2. CPD Events**

#### **EVENT NO 1**

Basics of HVDC Transmission and Present Trends

18<sup>th</sup> December 2019

**Presented By: Prof.Vajira Pathirana**

#### **EVENT NO 2**

Meetup with Student Member of Mannar

21<sup>st</sup> December 2019

**By: Mannar District Chapter**

#### **EVENT NO 3**

Art in Engineering & Engineering in Art

11<sup>th</sup> January 2020

**Presented By: Eng.S. Sathyaruban**

#### **EVENT NO 4**

Challenges in Dam Safety and runoff estimation in relation to Northern Sri Lanka

08<sup>th</sup> January 2020

**Presented By: Eng.N.Suthakaran**

#### **EVENT NO 5**

English Language Expressions in Professional Report Writing for Engineers

22<sup>nd</sup> January 2020

**Presented By : Dr.G.Jeyaseelan**

<b>EVENT NO 6</b> Secret behind the extra work <b>Presented By: Eng.S. Ruthralingam</b>	29 <sup>th</sup> January 2020
<b>EVENT NO 7</b> Project Management Applications in Managing Contemporary Issues in Engineering Industry <b>Presented By: Dr.Y. Nanthagopan</b>	05 <sup>th</sup> February 2020
<b>EVENT NO 8</b> Renewable Energy for sustainable Development of Sri Lanka <b>Presented By: Eng.A.M.A. Alwis</b>	12 <sup>th</sup> February 2020
<b>EVENT NO 9</b> Provision of Library Books for Needy Schools <b>By: Mannar District Chapter</b>	27 <sup>th</sup> February 2020
<b>EVENT NO 10</b> Contract Administration in Practical Application; Based on SBD-3 condition of Contract <b>Presented By: Eng.X.V. Coonghe</b>	24 <sup>th</sup> February 2020
<b>EVENT NO 11</b> Managing the Workplace Mental Health & Its Effects on Productivity <b>Presented By: Dr.S. Suthakaran</b>	05 <sup>th</sup> March 2020
<b>EVENT NO 12</b> Project Implementation: Sharing Experiences from Foreign Funded Projects <b>Presented By: Eng.N. Suthakaran</b>	01 <sup>st</sup> July 2020
<b>EVENT NO 13</b> Contract Administration: Sharing Experiences on Using FIDIC Conditions of Contracts <b>Presented By: Eng.S. Shanmugasivananthan</b>	09 <sup>th</sup> July 2020
<b>EVENT NO 14</b> Basic Concepts of Procurement <b>Presented By: Eng. S. Shanmuganathan</b>	11 <sup>th</sup> July 2020
<b>EVENT NO 15</b> “Overcoming the Challenges in Implementing Donor Funded Development Projects: Lesson Learnt & Sharing Experiences	30 <sup>th</sup> July 2020

**Presented By: Eng.N. Suthakaran**

**EVENT NO 16**

Failures of Engineers in Construction Projects  
& Remedial Measures

18<sup>th</sup> August 2020

**Presented By: Eng.S. Ruthiralingam**

**EVENT NO 17**

Structural Accounting

26<sup>th</sup> August 2020

**Presented By: Eng.S. Sathiyaruban**

**EVENT NO 18**

Sharing Gained Facts in Industry

29<sup>th</sup> August 2020

**Presented By: Eng. S. Sathiyaruban**

**Eng. N. Nantharuban**

**Eng. S. Suntharakumar**

**Eng. B. Mositha**

**EVENT NO 19**

Effect of Climate Change on Water Resources

03<sup>rd</sup> September 2020

**Presented By: Eng.D.S.D. Jayasiriwardene**

**EVENT NO 20**

1. Important Facts – Out of Engineering Box
2. Introduction about Yoga for Human Excellency

05<sup>th</sup> September 2020

**Presented By: Eng.S. Sarvaraja & Eng.T. Nanthakumaran**

**3. Field visit**

**Mannar Island wind farm project - 25<sup>th</sup> July 2020**

**4. B – Paper Examination**

B Paper Examination was organized by parent IESL with help of Vadakkin Chapter on 15<sup>th</sup> March 2020 at University of Jaffna, about 32 engineers applied for the exam from Vadakkin Chapter.

**5. Other Activities**

- Donated money to buy urgent needs at Jaffna Teaching Hospital during Covid 19
- Institute of Engineers, Sri Lanka–Vadakkin Chapter acquired 80 perches Land in Jaffna and further land soil improvement under discussion level.
- Dry Ration for poor people when COVID-19 Quarantine period and Drawing Competition as Colourful Quarantine.



EXECUTIVE COMMITTEE OF IESL VADAKKIN CHAPTER FOR THE SESSION 2019/2020



Field visit-Mannar Island wind farm project



Dry Ration for poor people when COVID-19 Quarantine period and Drawing Competition as Colourful Quarantine

## **08. IESL Wayamba Chapter**

### **1. Annual Session 2018/2019 and Annual General Meeting**

The Annual Session 2018/2019 and AGM of IESL Wayamba Chapter was held successfully on 29th November 2019 at Kurunegala. Around 180 members participated and the following office bearers were appointed for the term 2019/2020.

<b>ID</b>	<b>Name</b>	<b>Position</b>
1	Eng.D.M.B.Dissanayake	Chairman
2	Eng.S.A.P.C Siriwardana	Senior Secretary
3	Eng. N. B. Nandana	Treasurer
4	Eng.Jude Kurera	Joint Secretary
5	Eng. Damith Dissanayake	Joint Secretary
6	Eng.Krishantha Ranawaka	Joint Secretary
7	Eng.(Mrs) Lakmali Karunanayake	Assistant Treasurer
8	Eng.Kasun Thisara Abeysinghe	Editor & Web Master
9	Eng. M. M. D. K. Mahiti	Immediate Past Chairman
10	Eng. Kusum Priyananda	Past Chairman
11	Eng. Aroshan Wickremanayake	1 <sup>st</sup> Committee Member
12	Eng. Rasika Mallawaarachi	2 <sup>nd</sup> Committee Member
13	Eng.Y.A.C.R.Kumara,	3 <sup>rd</sup> Committee Member
14	Eng. Ramal M. Amadoru	4 <sup>th</sup> Committee Member
15	Eng.S. M. B.Dissanayake	5 <sup>th</sup> Committee Member
16	Eng. Sunil Jayatissa	6 <sup>th</sup> Committee Member
17	Eng. G.T.R.B.Olagama	7 <sup>th</sup> Committee Member
18	Eng.Thilina Dissanayaka,	8 <sup>th</sup> Committee Member
19	Eng. Asela Jayathilaka,	9 <sup>th</sup> Committee Member
20	Eng. Kusal Manamperi	10 <sup>th</sup> Committee Member
21	Eng. R.H.K. Siriwardhana	Provincial Engineering Department - NWP.
22	Eng.G.A. Kasun Malinda Bandara	Provincial Engineering Department - NWP.
23	Eng.S.D.N.Ariyawansa	Provincial Engineering Department - NWP.
24	Eng. Nishan Gallage	Volunteer
25	Eng. H.M.M.N. Karunarathne	Buildings Department, Kurunegala
26	Eng.(Mrs.) Watsala Ratnayake	Ceylon Electricity Board
27	Eng.R.N.P.Rajapaksha	Ceylon Electricity Board
28	Eng.A.C.P Aluthgama	Ceylon Electricity Board
29	Eng.(Mrs.)H.I.S.Jayasundara	Ceylon Electricity Board
30	Eng.M.G.H.Ranathunga	Ceylon Electricity Board
31	Eng. W.E.P.S. Ediriweera	University of Wayamba
32	Eng. G.H.T.H.L.P.U. Wimalarathne	Road Development Authority
33	Eng. K.A. Udukumbura	Road Development Authority
34	Eng.D.M.T.C. Dissanayake	Private Sector
35	Eng. T.M.M.B.Tennekoon	RDC/ DWSP
36	Eng.S.H.Mervin Siriwardhana	RDC/ DWSP
37	Eng. W.M.D.M. Wanasinghe	Irrigation Department
38	Eng.H.A.S. Adhikari	Siam City Cement Lanka
39	Eng. (Mrs.)Padma Gunawardana	Water Supply and Drainage Board
40	Eng. B.M.S.U.Basnayake	NWP Canal Project
41	Eng. Asan Pathirana	Private Sector
42	Eng. Kasun Karunanayake	Private Sector

43	Eng. Randika Wickramatratne	Water Supply and Drainage Board
44	Eng Lasantha Bandara	Ceylon Electricity Board
45	Eng.H.M.P.G. Herath	Water Supply and Drainage Board
46	Eng. H.M.C.Nishantha Herath	Mahaweli Authority of Sri Lanka
47	Eng.R.M. Buddika Meththasena	ASB Constructions (pvt) Ltd
48	Eng. A.W.D. C. Gunasinghe	Private Sector
49	Eng.W.M.I.P Thilakarathne	Wayamba Development Secretariate
50	Eng.B.M.N.M Premachandra	Road Development Authority

The annual session comprised a valuable speech by the keynote speaker, Eng. (Dr.) J. Edirisinghe, Senior Lecturer, Faculty of Engineering, UOP. Chief Guest was Eng. (Prof.) S.B.S. Abayakoon, President, IESL 2019/2020, and Eng.K.P.I.U.Dharmapala, President (Elect) IESL, Eng. (Prof.) T.M. Pallewatte, Past President of IESL, Eng. Kamal Laksiri Vice President of IESL, Eng. Kosala Kamburadeniya Vice President of IESL, Eng. Mangala De Silva Hon. Secretary of IESL, Eng. Arjuna Manamperi also graced the event. Fellowship dinner was hosted after the annual session.

## **2. Continuing Professional Development (CPD) Activities**

### **2.1. Overview of the Sri Lanka Power Sector**

THE first CPD was successfully held on 31<sup>st</sup> January 2020 at SLT Auditorium – Kurunegala from 5.00 pm to 7.45 pm with more than sixty participants. The lecture was conducted by Eng. Lakshitha Weerasinghe, Deputy General manager (Transmission & Generation Planning) of Ceylon Electricity Board. Electricity accounts for less than 12% of the country's overall energy demand. However, the power sector attracts more undue attention than to any other energy source, possibly due to the high commercial opportunities the sector offers. Often, decisions of power sector professionals are criticized for not including the "obvious" as per the laymen's point of view. This lecture is aimed at giving an understanding to all engineers about how the Sri Lankan power system is operated, the real issues behind and finding answers to some "Frequently Asked Questions".

### **2.2. Professional Review – B Paper Examination March 2019**

As a part of the IESL Head Quarters decentralization process of its member activities, IESL Wayamba Chapter successfully conducted many events which were beneficial to the membership. Conducting Professional Review “B” paper examination was one of the most successful activities carried out during the past six years and IESL Wayamba Chapter extends the same support for the young engineers sat for the Professional Review B paper examination on 15th March 2020. This time exam was conducted at Wayamba Royal Collage, Kurunegala and 25 candidates registered to participate. Eng. W.M.U.P. Kumara, representing IESL HQ, Chairman IESL Wayamba, and committee members from the chapter examined the event.

## **3. Public Lectures/Discussions, other events**

### **3.1. Visit to the Wayamba University to discuss the proposed Faculty of Engineering**

On the invitation of Vice-Chancellor of Wayarnba University, past chairmen and committee members of IESL Wayamba Chapter visited the Wayamba University of Sri Lanka on 28<sup>th</sup> December 2019. We experienced an interesting visit around the university premises, particularly the laboratory and workshop facilities.

As the practitioners of engineering in the industry and the committee members of IESL Wayamba Chapter, we agreed to the idea of introducing a faculty of engineering at the WUSL. Since degree programs are introduced newly with much effort, we appreciate the approaches such as conducting surveys and industry consultative meetings to understand the industrial requirements of the local and international market, to augment the courses which will help to fulfill the gaps in the industry.

Wayamba Chapter of IESL, we propose, WUSL to request from IESL for informal evaluation of a program of study at an appropriate time during its development stage. The Education Standing Committee of the IESL will arrange an informal visit by a team to provide comments and advice to the WUSL concerning the program which will ultimately benefit to obtain the required program recognition and accreditation.

### **3.2. Speech Craft Program**

Speechcraft program for the members of IESL Wayamba Chapter was started from 06<sup>th</sup> of March, 2020 at the Auditorium of the Projects and Heavy Maintenance Branch, CEB collaboration with Wayamba Toastmasters' Club. It was planned to conduct it in ten sessions each Friday from 4.30 p.m to 6.30 p.m. and completed in the last week of August 2020.

## **4. Corporate Social Responsibility (CSR)/Social Activities**

### **4.1. Provide dinner for deaf school students, Ratmalana**

The chapter was made arrangement to provide a dinner for 60 deaf school students on their returning to Rathmalana after the out visit. This has been done as an annual event by the Chapter as a part of our corporate social responsibility. Dinner was offered at Panorama Hotel, Temple Junction, Kirimatiyana on 20<sup>th</sup> of February 2020 around 7.30 pm.

### **4.2. Motivation, Career Guidance, Awareness about Energy Conservation for School Children – 1st Program**

For the first time in history, IESL Wayamba Chapter is organizing a series of programs for the school children in the North Western Province. This program aims to develop the attitudes, skills and knowledge of students and guide them to achieve their vision.

As the first program of this series, members of the IESL Wayamba Chapter conducted a successful program at Thumbulla Maha Vidyalaya, Nikaweratiya on 28<sup>th</sup> of January 2020 for 100 numbers of Grade 9 - 12 students. Eng. Thilina Chamara Dissanayaka conducted the motivational session and Eng. Wathsala Rathnayake, Electrical Engineer at Ceylon Electricity Board conducted the awareness program on Energy Conservation.

### **4.3. Motivation, Career Guidance, Awareness about Energy Conservation for School Children – 2nd Program**

The second school program of the IESL Wayamba Chapter was completed on 03<sup>rd</sup> of March, 2020 at Wellawa Central College. Hundred students from Grade 9 participated in the program. The Vice Principal of the Wellawa Central College delivered the welcome speech. Eng. K.P.N.L Karunanayake, Assistant Treasurer of IESL Wayamba Chapter delivered the introduction speech to the program. Eng. D.M.T.C. Dissanayaka conducted an attractive session on the importance of the Engineering profession and the path to become a professional in their lives. Further, he introduced a methodology to achieve the life goals of the students.



Eng. R.M.I.W. Rathnayake, Electrical Engineer of Energy Management Unit (NWP) of Ceylon Electricity Board conducted a lecture on Energy Management and conservation to the students. A vote of thanks was delivered by the School Vice Principal.

Eng. H. I. S. Jayasundara of IESL Wayamaba Chapter coordinated the event.

#### 4.4. Donating Personal Protective Equipment (PPE) kits to the health sector

IESL Wayamba donated 880 Personal Protective Equipment (PPE) kits for several hospitals in the North Western Province. As the first step 550 PPE kits were donated to Kurunegala Teaching Hospital, Dambadeniya Base Hospital and Provincial Department of Health Services (NW PD office)- Kurunegala on 10th April 2020. Also, another 330 sets were donated to Kuliypitiya Base Hospital and Municipal Council -Kurunegala. Eng. Dushyanth Mahiti - Immediate Past Chairman, Eng Prasad Siriwardana - Senior Secretary and Eng. Missaka Ranatunga - Ex Member participated at this moment. Designs of the PPE kits were done by the Mechanical Engineering sectional committee of the IESL under the guidance and approval of the Health Ministry.

This was a collective effort of IESL Wayamba exco, fellows and other members. Special thanks goes to Past Chairmen, Chairperson, and all the executive members of the Wayamba Chapter for organizing the event under this critical situation. And also admire the efforts made by Eng Kusal Manamperi for financial coordination, Eng. Buddhika Meththasena and Eng Chamila Aluthgama for transportation facilities and finally Eng. Prasad Siriwardana for overall coordination and arrangements to manufacture these from Udugampola and distribute it to the hospitals.

#### 4.5. Forthcoming main events

S/ N	Activity	Scheduled Date	Sub Committee/ Contact person for more information
01	Field Visit	11 <sup>th</sup> Sept 2020	Eng. Aroshan Wickremenayake
02	Annual Field Visit/Family Get-together	19 <sup>th</sup> Sept 2020	Field Visits & Get-together Group Eng. Lakmali Karunanayake
03	Pedura and Family Get-together	16 <sup>th</sup> Oct 2020	Pedura organizing group Eng. Damith Dissanyake
04	Planning Circle	30 <sup>th</sup> Sept 2020	Senior Secretary Eng. Prasad Siriwardana
05	AGM and Annual Session Wayamba	27 <sup>th</sup> Nov 2020	Annual Session Group Eng. N. B. Nandana

(Reported by: Editor – Eng. Kasun Abeysinghe- IESL Wayamba Chapter)



**EXECUTIVE COMMITTEE OF IESL WAYAMBA CHAPTER FOR THE SESSION 2019/2020**



**Visit to the Wayamba University to discuss about the proposed Faculty of Engineering**



**Speech Craft Program**



**Motivation, Career Guidance, Awareness about Energy Conservation for School Children – 1st Program**



**Donating Personal Protective Equipment (PPE) kits to health sector**

## PROVINCIAL CHAPTERS

### **IESL Kandurata Chapter**

Eng. (Mrs.) S K I Wijewardana - Chairman	Eng. D N B Liyanage
Eng. (Mrs.) C M S Dissanayake - Secretary	Eng. (Mrs.) R B M M Rajapaksha
Eng. A G Samarasinghe	Eng. (Mrs.) H M S K Dharmadasa

### **IESL Rajarata Chapter**

Eng. ( Ms)D L B P Wijesekara - Chairman	Eng. Jayantha Herath
Eng. (Ms) Srma Bandara - Secretary	Eng. S B Kandegethara
Eng. A M C T K Attanayake	Eng. (Ms.) Jeewani Gajanayaka
Eng. A M Rifnaz	Eng. T V K Dhananjaya
Eng. J A D R SujithKumara	Eng. D S B Herath
Eng. D M U S B Dissanayake	Eng. S T K Hewa
Eng. (Ms.) W P S Sudarshani	Eng. J M R L Jayasingha
Eng. V M Kasun Gamage	Eng. R M C K Rajakaruna
Eng. (Ms.) A M T S H Wedanda	Eng. A B M S B Wijekoon
Eng. E M S B Wijetilaka	Eng. Pubudu Kumarage
Eng. H A Jayantha De Silva	

### **IESL Ruhunu Chapter**

Eng. Anusha Sampath - Chairman	Eng. Yohan Akalanka Naotunna
Eng. K.G.Janaka - Secretary	Eng. Premathunga
Eng. D.M.J Roshan Kumara	Eng. Primal Jinadasa
Eng. D.J. Sadaruwan	Eng. P N G Pathirana
Eng. M.P. Palihawadana	Eng. Tharanga
Eng. N. Hettiarachchi	Eng. Indika
Eng. Nipuna Buddika	Eng. Anjana Ranathunga
Eng. H.V.L. Hasaranga	Eng. K.H.N.S. Kumara
Eng. Manoj	Eng. Upulitha
Eng. Dr. Sujeewa	Mr. Tharaka

**IESL Sabaragamuwa Chapter**

Eng. C S Kulasooriyage – Chairman	Eng. D L G Rathnamali
Eng. Wijayani Rathnayake - Secretary	Eng. M R Mathotaarachchi
Eng. Prasad Piyasena	Eng. K S K Rathnasekara
Eng. G A S Wijesekara	Eng. P W Priyani
Eng. D W D Sampath Senarathna	Eng. T B K Dharmapriya
Eng. W M D G Weerakoon	Eng. Charith Dayarathna
Eng. K L Lalith Kumara	Eng. Aruna Samarathunga
Eng. P D D G Gunathilaka	Eng. Suhashini Ihalagama
Eng. C P Hettiarachchi	

**IESL Uva Chapter**

Eng. T M S S D Tennakoon - Chairman	Eng. (Ms.) S.A.N.Samanmali
Eng. R M P G L Gunapala - Secretary	Eng. M I A Sajeer
Eng. D A I Fernando	Eng. S D A S Peiris
Eng. H M D T Wijayabandara	Eng. J M A C Gunatne
Eng. W G C Sanjeewa	Eng. (Mrs.) H T M Satharasinghe
Eng. H M S K Hennayake	Eng. A R L Samaraweera
Eng. P A S Anuradha	Eng. (Ms.) S.A.N.Samanmali
Eng. H M L Mohan Kumara	Eng. M I A Sajeer
Eng. P H D Hemachandra	

**IESL Vadakkin Chapter**

Eng. A Pushparajah – Chairman	Eng. A Kajeewan
Eng. A Sathyadasan - Secretary	Eng. K Kamalatheepan
Eng. N Suthakaran	Eng. U Kishokumar
Eng. M E Sutharsan	Eng. S Ruthiralingam
Eng. M M Rajkumar	Eng. T Sureshkumar
Eng. V Jegananthan	Eng. S Sarvaraja
Eng. T Nandakumaran	

**IESL Wayamba Chapter**

Eng. D M B Dissanayake - Chairman	Eng. (Mrs.) Watsala Ratnayake
Eng. S A P C Siriwardana - Secretary	Eng. R N P Rajapaksha
Eng. N B Nandana	Eng. A C P Aluthgama
Eng. Jude Kurera	Eng. (Mrs.) H I S Jayasundara
Eng. Damith Dissanayake	Eng. M G H Ranathunga
Eng. Krishantha Ranawaka	Eng. W E P S Ediriweera
Eng. (Mrs) Lakmali Karunanayake	Eng. G H T H L P U Wimalarathne
Eng. Kasun Thisara Abeysinghe	Eng. K A Udukumbura
Eng. M M D K Mahiti	Eng. D M T C Dissanayake
Eng. Kusum Priyananda	Eng. T M M B Tennekoon
Eng. Aroshan Wickremanayake	Eng. S H Mervin Siriwardhana
Eng. Rasika Mallawaarachi	Eng. W M D M Wanasinghe
Eng. Y A C R Kumara	Eng. H A S Adhikari
Eng. Ramal M Amadoru	Eng. (Mrs.) Padma Gunawardana

Eng. S M B Dissanayake	Eng. B M S U Basnayake
Eng. Sunil Jayatissa	Eng. Asan Pathirana
Eng. G T R B Olagama	Eng. Kasun Karunanayake
Eng. Thilina Disanayaka	Eng. Randika Wickramatratne
Eng. Asela Jayathilaka	Eng. Lasantha Bandara
Eng. Kusal Manamperi	Eng. H M P G Herath
Eng. R H K Siriwardhana	Eng. H M C Nishantha Herath
Eng. G A Kasun Malinda Bandara	Eng. R M Buddika Meththasena
Eng. S D N Ariyawansa	Eng. A W D C Gunasinghe
Eng. Nishan Gallage	Eng. W M I P Thilakarathne
Eng. H M M N Karunarathne	Eng. B M N M Premachandra

# OVERSEAS CHAPTERS - 2019 / 2020

## 01. IESL NSW Chapter

### 1. Introduction

This report summarises the events which took place in the current IESL NSW Chapter Management Committee's term of office for 2019/20. Most of the Chapter's activities were compelled to be cancelled from March 2020 due to the ongoing COVID-19 Pandemic. This Annual report will be presented to the Chapter membership at the AGM to be held on 20 September 2020 via the Zoom platform. The report will be sent to IESL Head Quarters for publication in the annual IESL Transactions.

### 2. IESL NSW Chapter Management Committee 2019/2020

The eleventh Management Committee of the IESL NSW Chapter was elected at the AGM held on 22 September 2019 at the Crestwood Community Centre, Baulkham Hill NSW 2153. The Committee currently consists of the following members.

- Eng. Mahendram Manoharan (Chair)
- Eng. Dr. Ashok Peiris (Vice Chair)
- Eng. Indunil Kariyakaranage (Secretary)
- Eng. Paramsothy Gnanasothy (Treasurer)
- Eng. Prof. Arumugam Sathasivan (Editor)
- Eng. Rohitha Silva (Immediate Past Chair)
- Eng. Sisira Kantha Sanda Marakkalage (Committee Member)
- Eng. Thiruvalluvar Janahan (Committee Member)
- Eng. Dr. Nilakshi Perera (Committee Member)
- Eng. Waranga Dilanthi (Committee Member)
- Eng. Buddhi Ranasinghe (Committee Member)
- Eng. Menuli Sanda Marakkalage (Committee Member)
- Eng. Mihimal Kadurugamuwa (Committee Member)

In addition to the above Committee members Eng. Dr Buddhi Wijerathna was appointed as the Web Administrator and Mr. Prabhath Amarasinghe was appointed as the Auditor. There were 6 face-to-face Committee meetings and 4 online meetings due to the COVID-19 Pandemic restrictions.

### 3. Membership

IESL NSW Chapter has not yet received the current membership register from the Headquarters.

### 4. Public Lecture Series

IESL NSW Chapter's Management committee organised 2 Public Lectures for the term of 2019/2020.

The lectures were notified to our membership and published via Engineers Australia website. The events were posted on IESL's Announcements web page. Engineering organisations in both private sector and public sector, universities etc. were informed about these public lectures.

The presentations were about one-hour of duration with a fifteen minutes Questions and Answer time with the audience at the end of the presentations. Engineers and students from different engineering background participated in the lecture. The lectures were live telecast via the Chapter Facebook. IESL Headquarters was provided with the presentation materials of the Public lectures.

The details of the Public Lectures are as follows.

- Lecture delivered by Eng. Indaka Raigama (CEO & Co-Founder, iTelaSoft Pty Ltd.), on 13 November 2019 at the Engineers Australia Auditorium, on "Evolution of M2M Communications".
- A Public Lecture was delivered by Prof. Sarath Perera on Power Quality - A subject of increasing interest on 29 January 2020 at the Western Sydney University, Parramatta CBD Campus.



Eng. Indaka Raigama



Prof. Sarath Perera

## 5. Young Engineers Day

The Young Engineers Day was held on 20 February 2020 at the Western Sydney University, Parramatta CBD Campus. 10 Engineers presented on a wide range of topics at this annual event.

The event was notified to our membership and published via Engineers Australia website. The details of the Young Engineers Day were posted on IESL's Announcements web page. Engineering organisations in both private sector and public sector, universities etc. were informed about the Young Engineers Day.

The 10 presenters were allocated 10 minutes each for their presentations with a 5 minutes Questions and Answer session at the end of each presentation. Engineers and students from different engineering background participated in this event. The event was live telecast via the Chapter Facebook. IESL Headquarters was provided with the presentation materials of all 10 participants.

The details of the presentations at the Young Engineers Day are as follows.

- Eng. Dileepa Rathnayake - Evaluating Sewer Corrosion Control Options Using a Novel Laboratory Scale Sewer System
- Eng. Hasindu Gamaarachchi - Real-time, portable and lightweight Nanopore DNA sequence analysis using System-on-Chip
- Eng. Kanashya Thivagarupan - Rolling Stock – New Intercity Fleet and Tangara Technology Upgrade Projects
- Eng. Nadeesha Abayaratna - Risky Business: The Importance of Risk Management and Safety in Design
- Eng. Mahendran Roobavannan - Role of Economic Diversification in Sustainable Water Management: A Socio-Hydrological Analysis
- Eng. Viraj Kulathunge - Nanotechnology-based cancer imaging and treatment methods
- Eng. Kavindie Katuwandeniya - Efficient and Effective Human Robot Interactions in Dynamic Environments
- Eng. Madhawa Premarathna - Enhancement of Organic Matter and Total Nitrogen Removal in a Membrane Aerated Biofilm Reactor using PVA-Gel Bio-Carriers
- Eng. Darshana Jayasinghe - Revealing Secret Information via Emanated Side-Channel Information
- Eng. Chamal Perera - Space Engineering as viewed as a student



Dileepa Rathnayake



Hasindu Gamaarachchi



Kanashya Thivagarupan



Nadeesha Abayaratna



Mahendran Roobavannan



Viraj Kulathunge



Kavindie Katuwandeniya



Madhawa Premarathna



Darshana Jayasinghe



Chamal Perera

## 6. IESL NSW Chapter Newsletters

The IESL NSW Chapter issued 2 Newsletters on 19 December 2019 and 2 April 2020. The third Newsletter for the current term will be published in mid-September 2020. The objective of these Newsletters is to communicate with the General membership in NSW and ACT creating awareness in, the Chapter activities, achievements of member engineers and Sri Lankan news and events related to engineering. The Newsletter also includes general engineering articles written by members. The Chapter Newsletters are sent to IESL Headquarters to be circulated among engineers in Sri Lanka.



## **7. COVID-19 impact on Chapter activities for 2019/2020**

The Institution of Engineers Sri Lanka NSW Chapter Management Committee had its 9th Committee Meeting via Zoom on 24 July 2020 and the following decisions were taken on the Chapter's activities for the term 2019/2020. The committee took into consideration the current status of the COVID-19 pandemic in NSW and interstate and the public perception of the pandemic and made the decisions below.

1. The following events for the term 19/20 were cancelled.

- Women in Engineering Day event
- 2 nos. of scheduled Public Lectures – The presenter designated for the cancelled event will be given the opportunity in 2020/2021
- Engineering Conference – 3 nominations were received and will be considered for the next event in 2021
- Gala Dinner
- Industrial visit

2. The Annual General Meeting (AGM) of the Chapter will be held on 20 September 2020 via the Zoom web application.

3. The Engineering Magazine 2020 will not be issued during the current Management Committee's term.

## **8. Collaboration with Engineers Australia (EA), IESL HQ and other Organisations**

IESL NSW Chapter participated in the Sydney Engineering Practice Forum (SEPF) quarterly meetings held on 6 February 2020, 28 May 2020 and 27 August 2020. These meetings are chaired by Engineers Australia and attended by many practicing engineering groups in NSW. IESL NSW Chapter took part in the IESL Provincial/Overseas Chapters quarterly meeting on 7 December 2019, 7 March 2020 and 20 June 2020. The next meeting will be held on 12 September 2020.

IESL NSW Chapter's Eng. Chinthaka Rupasinghe and his Miracles Live Band Sydney performed at the Live Virtual Musical Fiesta on Friday, 10 July 2020 organised by the Civil Engineering Sectional Committee of the Institution of Engineers Sri Lanka (IESL) jointly with the Music Engineers.

The IESL Chapter participated in the following events organised by the Consulate General of Sri Lanka, Sydney.

- Official inauguration of the Sri Lankan Food & Cultural Tourism Festival – 2019 at the Tumbalong Park, Darling Harbour, Sydney on 23 November 2019.
- Meeting on the way forward 2020, held at the Thornleigh Community Centre, Thornleigh, Sydney on 19 December 2019.
- 72<sup>nd</sup> Sri Lankan Independence Day celebrations on 04 February 2020 at Great Hall of the University of Sydney

Chapter donated engineering books to Sri Lankan Universities via the Consulate General of Sri Lanka, Sydney. IESL NSW Chapter took part in the Hearts Aflame Sydney event held on 1 February 2020 at the Croatian Club Punchbowl Sydney, organised by the Sri Lankan Communities in NSW to raise funds for the Bush Fire affected communities.

## **9. Our Sponsors**

The IESL NSW Chapter received only limited sponsorship since the Engineering Convention was cancelled due to the COVID-19 pandemic. GEO-AM Consulting and ECON HOMES are the sponsors of the Chapter activities in 2019/2020. Chapter received a considerable amount as voluntary contribution from its members which is appreciated by the current Management Committee.

## **10. Financial Report**

The audited Financial Report prepared by the Chapter Treasurer, Eng. Paramsothy Gnanasothy is attached with this Annual Report.

## **11. Achievements by Engineers of IESL NSW Chapter**

Past Chair of the IESL NSW Chapter Eng. Dayantha Jayarathna who has been working tirelessly on the Street Light Controller Project marked a major milestone of the project by demonstrating a functional prototype of the product to the representatives from CEB, LECO and SLBC on 31 August 2020. At the moment the product is in the prototype stage which can be used to evaluate the performance in the field under controlled conditions. An industrialised version will be developed and further discussions will be conducted with relevant parties to introduce as a fully developed commercial product providing a safe and reliable streetlight control system for Sri Lanka.

Chapter Engineer Professor Wije Ariyaratne (Ari) commenced as the **first** Professor of Practice (Bridge Engineering) to join the School of Civil Engineering, University of Sydney from July 2019. Ari obtained his Bachelor of Engineering degree from the University of Ceylon, Master of Engineering degree from the University of NSW and Graduate Diploma in Business Management from Deakin University. He is a Fellow of Engineers Australia and was previously an Adjunct Professor of Engineering at the University of Technology Sydney (UTS).

## **12. Challenges faced by the Chapter and the way forward**

IESL NSW Chapter which is the 1<sup>st</sup> overseas Chapter was formed in 2009. The Chapter has grown over the last 11 years with a current membership of more than 500 engineers living and practicing in NSW and ACT. Some of the issues and challenges faced by the Chapter are as follows.

- Difficulties in finding engineers to volunteer and become Management Committee members of IESL and taking part in chapter activities
- Financial viability of the Chapter – An uphill task to cover the operating deficit with sponsorships and voluntary contributions

Some areas, on which the newly elected committee and the future committees could work on and achieve excellence, are as follows.

- Renewing the agreement for the mutual recognition of engineers between IESL & EA which had lapsed on 17 June 2020
- Recognising engineers who have made outstanding contributions in NSW/ACT
- Reaching out to engineers in ACT
- Increasing interaction amongst the past Management Committee members

### **13. Conclusion**

IESL NSW Chapter sincerely appreciates the lecturers who delivered the Public Lectures and the presenters at the Young Engineers Day for their contributions towards the Chapter activities in 2019/2020. The assistance provided by Engineers Australia and the University of Western Sydney is highly appreciated by the current Management Committee. Our special thanks go to the sponsors and the engineers who made voluntary contributions enabling the Chapter to sustain its activities. Chapter acknowledges the support provided to the current Management Committee by past committee members and well-wishers.

I sincerely appreciate the current IESL NSW Chapter Management Committee for the contribution and support, for the activities organised during the term of 2019/2020. My sincere gratitude goes out to the Web Administrator and Auditor for their continuous assistance provided to the Chapter. I warmly congratulate the newly elected Management committee and extend my fullest support during the upcoming term of the committee.

(Reported by Eng. Mahendram Manoharan, Chair - IESL NSW Chapter)

## **02. IESL Queensland Chapter**

### **Queensland Chapter Update**

Following three years of continued efforts from 2016 to 2019 towards establishing this youngest of the overseas Chapters with a robust governance framework and an expanding membership a new Management Committee took over its term in December 2019 with much optimism for 2020. However as all are aware the unprecedented global pandemic did not spare us here in Queensland constraining us in our planned activity and forcing a rethink of all our programs in 2020. Despite this impedance the Chapter has been able to cover fair ground on many fronts of its activities by timely communications with state government authorities, strengthening and reinforcing our virtual communication platforms and adapting to the online delivery mode for our membership development programs.

We held our second AGM on 1<sup>st</sup> of December 2019 wherein the following management committee was elected for the year 2020

## MANAGEMENT COMMITTEE - 2019/2020



- ❖ Standing L to R - Dr Chanaka Abeysinghe (Member), Dr Wuditha Premadasa (Member), Dr Abdul Ziyath (Member), Eng Ajith Wickramaratne (Member), Eng Bandula Kapukotuwa (Member)
  
- ❖ Seated L to R - Eng Jagath Wanigasekera (Treasurer), Dr Sharmil Markar (Vice President), Eng Asoka Tittagala (President), Eng Jayantha Wickramatunga (Immediate PST President), Eng Nimal Pushpakumara (Secretary)
  
- ❖ Not in the picture – Dinuk Weerasekera (Editor)

### SUB COMMITTEES

The five Subcommittees namely the Technical, Membership, Social, Information and Communication Technology (ICT) and the Editorial Board had new members appointed to them. The role statements for each subcommittee were reviewed and updated where necessary. These set out the work in-scope for each subcommittee as well as the areas of exclusion for each.

### ACTIVITIES DURING 2019/2020

Despite the pandemic restrictions in Queensland we were able to maintain business continuity of the Chapter with the conduct of virtual monthly meetings of the Management Committee. This initiative was very well supported by the Office of Fair Trading Queensland who want to see our members are connected at this difficult time. Seven Management Committee Meetings have been held to date (from December 2019 to August 2020). The following is a summary of our achievements:

#### (1) CPD Program

The Chapter's 8th CPD event planned by the Technical Sub Committee for May had to be changed to a virtual event to be delivered on 24<sup>th</sup> June 2020 in the Webinar mode. This was

successfully undertaken as a first-time effort for the Chapter. An interesting presentation on the timely topic of “Renewable Energy” was delivered by Prof. Mithulan Nadarajah a subject specialist on Intelligent Integration of Renewable Distributed Generation. A worldwide audience of nearly 50 attendees participated also providing us with an opportunity to test the integrity of our new communications platforms to stage an event of this magnitude.

The presentation was made by Associate Professor Mithulan Nadarajah and was titled *“Achieving 100% Renewable Energy – Technical Challenges and Potential Solutions”*.

Dr Mithulan Nadarajah is the Post-Graduate Coordinator and Director of Research Training at the School of Information Technology and Electrical Engineering at University of Queensland in Brisbane, Australia.

In his presentation, Mithulan imparted his knowledge and experience from years of research in the fields of electric power grids, power system integration, integration of renewable energy and electric vehicles. He highlighted the recent growth in renewable energy technologies in power systems and explained some of the technical challenges in achieving 100% renewable energy using two case studies from recent major power blackout incidents in renewable energy penetrated power systems in Australia and England. He then presented some of the emerging technologies and discussed the possible way forward to achieve a target of 100% renewable energy.

There was a lively Q&A between the presenter and the participants following the presentation. The Management Committee of the Chapter takes this opportunity to thank Mithulan for his excellent presentation, and to all participants for their attendance.

The presentation can be viewed using the link: <https://youtu.be/BlvahORicDs>


The Chapter’s 9<sup>th</sup> CPD event is planned to be held in Webinar mode on 11<sup>th</sup> October 2020 related to “Waste Management”. The topic is “Waste Management to Resource Recovery – How Can Engineers Contribute?”

This will be delivered by Associate Professor Sunil Herat from the Griffith University, Brisbane.

*"Waste Management to Resource Recovery – How Can Engineers Contribute?"*

**Date:** Sunday, 11 October 2020  
**Time:** 5.45 pm for 6.00 pm start (1 hour)

**Presenter:**  
 Assoc. Prof. Sunil Herat  
 Griffith University, Brisbane



## **(2) Membership**

At present the membership count of the Chapter stands at 66 constituted as: 1 Hon Fellow Member, 2 Fellow Members; 19 Members, 13 Associate Members and 31 Resident Members. A new flyer has been developed by the membership Sub Committee and it is being circulated among engineers to attract them to the Chapter. During the year 2020 several new arrivals in Queensland gained Chapter membership. It was encouraging to note the increased participation of engineers from regional Queensland with their keenness to gain Chapter membership and participate in Chapter activity. Unfortunately, two Members and six Associate Members of IESL lost their Chapter membership due to non-payment of their subscription fees and we are working with them to help renew their membership.

## **(3) ICT Projects**

ICT Sub Committee encountered significant challenges at the very outset this year – on account of the pandemic forcing our members to work remotely and needing reliable communications and team collaboration to ensure continuity of Chapter business.

MS Teams platform was acquired and successfully implemented in March this year. All Management Committee meetings and Sub Committee meetings are now held through MS platform. The ICT Sub Committee has been busy with upgrading its ICT Platform by moving on to a new host which provides more capability of handling position-based emails and added security.

## **(4) Editorial Board/Newsletter**

The Editorial Board released one mid-year Newsletter in June 2020.

A second Newsletter is planned to be released in November /December 2020

The Editorial Board membership strength has been increased to five members and is now reasonably representative of regional Queensland enabling input that should significantly enhance the coverage and quality of our Newsletter and the Website

## **(5) Social Events**

The Social Sub Committee launched a fundraising raffle in December 2019. The pandemic restrictions impeded the progress and the Chapter had to discuss with the Office of Fair-Trading Queensland to extend its draw date by six months. It is now due to be drawn on 20 September 2020 offering prizes to the value of \$1200

The Chapter also participated in the first-time event of a Virtual Musical Fiesta organised by the IESL in July 2020 engaging all overseas and provincial Chapters simultaneously in a 5-hour musical extravaganza featuring three of our Chapter members' performances.

The Queensland Chapter performance can be accessed via the following link:

[IESL Music Fiesta July 2020 – Queensland Segment](#)



## **(6) The Chapter President's Engagements**

### **6.1 Quarterly Online meetings with the IESL**

As the President of the Queensland Chapter, I participated in two Online meetings of Overseas and Provincial Chapters Chaired by the President of IESL. I briefed the IESL Council representatives and the representatives from Provincial & Overseas Chapters, on the progress of our Chapter as of the date of meeting. Also, several important matters of mutual interest were discussed at these conferences.

### **6.2 Renewal of MRA between IESL and Engineers Australia**

The Queensland Chapter took an active interest in the discussion held between Colombo and representatives from Australian Chapters on 14 July 2020. As the President of the Chapter I participated at the event with Immediate Past President, Eng Jayantha

Wickramatunga. The Chapter expects revised MRA to become operational in the near future.

### **(7) Appreciation**

I sincerely thank the IESL President, Professor Sarath Abayakoon and the Council for their favourable consideration and ongoing support to the Chapter. Our appreciation and gratitude are also extended to Eng Neil Abeysekera, CEO of IESL and his staff for their excellent ongoing support which we value a lot. Also, the Chapter appreciates ongoing support provided to us by the Brisbane City Council by way of providing us their meeting rooms to hold our meetings and CPD events and Radio 4EB in Brisbane for their media coverage.

I wish Eng K P I U Dharmapala who assumes duties as the President of IESL for 2020/21 and the newly elected Council the very best in the coming year.

(Reported by Eng Asoka Tittagala, President, IESL Queensland Chapter)

## **03. IESL Qatar Chapter**

In Brief, IESL-Q (Formerly Sri Lanka Society of Engineers Qatar -SLSEQ) founded in Feb'2009 in affiliation to Sri Lankan Embassy in Qatar. In September 2014 this society was accredited as an overseas branch of the Institution of Engineers Sri Lanka. Also, the Qatar Chapter became the 3<sup>rd</sup> Overseas branch among the other overseas branches.

It was a long way through all the hardships and efforts for the IESL Qatar Chapter to become one of the most successful overseas chapters. As usual, remarkable events were taken place during the year, and achieved the expected success with the support of all the Chapter members (Or either Chapter Members). Qatar Chapter conducted its 5<sup>th</sup> Annual General Meeting, Continuing Professional Development (CPD) Sessions, and Corporate Social Responsibility Projects. Some of the planned events such as family gathering, and sports events were not conducted due to the prevailing pandemic situation. The IESL Qatar Chapter proudly presents its Annual Report for the year 2019/2020.

A synopsis of the IESL Qatar chapter events and activities of the year 2020 are as follows.

### **1. IESL Annual General Meeting 2019/2020**

The Annual General Meeting 2019/2020 and Engineers' Night of The Institution of Engineers of Sri Lanka – Qatar Chapter was held on 31st of January 2020 at Mercure Grands Hotel – Doha, Qatar. Mr. Kohularangan Ratnasingam, Minister/Head of Chancery, Embassy of Sri Lanka - Qatar, graced the event as the chief guest.

A thoughtful welcome speech was given by the outgoing chairman of IESL Qatar Chapter Eng. Kamil Ariff. He thanked all outgoing ExCom members and previous chairmen, Eng. Niyamathulla, Eng. Saman Ranjith, Eng. Sarath Wejisoma, Eng. Jagath Perera, Eng. Thilakasiri Ekanayake, Eng. Rohana Egodagama, CEng. Chandralal Mendis and CEng. Jagath Gunasekera. He also stated that we need to produce great leaders who can take up the leadership in the future.



The Vision, Mission and Action plans of the IESL-Qatar Chapter were presented by the new President Eng. Prasanna Janakasiri and requested to all members, outgoing ExCom and incoming ExCom to extend the fullest support to take the chapter to the next level. Following the speech, an Interactive session with Qatar Chapter Engineers was held in an effective manner with the active participation of the members. AGM was concluded with the vote of thanks given by the new Secretary Eng. Manoj Vellaiyapillai, where he thanked all who supported to make the AGM very successful.

The following members were inducted as office bearers for the upcoming year 2019/2020.

**Chairman** : Eng. Prasanna Janakasiri  
**Vice Chairman** : Eng. Chanaka Guruge  
**Secretary** : Eng. Manoj Vellaiyapillai  
**Treasurer** : Eng. Mohamed Fazil  
**Editor** : Eng. Janaka Samarathunga  
**Executive Committee Members:**

1. Eng. Prabuddha Lokuliyana
2. Eng. M.A.A. Rumais
3. Eng. A. M. Mohamed Riyas
4. Eng. Saddhathissa Sirisena
5. Eng. Nareshkumar Subramaniam



**Fig-01- Speech by Former President  
Eng Kamil Ariff**



**Fig-02- Speech by New President-  
Eng. Prasanna Janakasiri**



**Fig-03- EXCOM Members (Year 2020/2021)**

## **2. Continuous Professional Development (CPD) Events conducted by IESL Qatar Chapter for Year 2020**

Even with the pandemic situation all around the world due to COVID-19 Outbreak, IESL Qatar Chapter managed to conduct six CPD sessions for last nine months and three (3) more CPD sessions have been scheduled by rest of year 2020 Considering the prevailing pandemic situation, Qatar Chapter decided to continue CPD sessions via ZOOM Technology.

All CPDs were consisted of comprehensive presentations and Question & Answer sessions. As appreciation, Electronic Certificates were issued to all the participants. From the sixth CPD session onwards, we have opened our CPD sessions for all the members of IESL Worldwide as a positive approach. All these CPDs were led by Eng. Ahamed Rumais and Eng. Mohamed Riyas, who are the subcommittee members of CPD in Qatar Chapter for the year 2020.

The brief summary of each CPD events are as follows:

### **1. CPD/01 2020 - “Completion & Close-out of Construction Projects”:**

For the first ever event for the year 2020 in our chapter was the CPD presented by Eng. Ahamed Rumais, held on 11<sup>th</sup> April. He is the Contract Manager of Domopan Qatar WLL and he is having 20 years’ experience. He is holding BSc Engineering degree from University of Peradeniya in the field of Civil Engineering and he also having qualifications such as LLM Construction Law and Arbitration in Robert Gordon University UK, Associate Member of IESL (SL) and Member of Chartered Institute of Arbitrators in UK-MCI Arb(UK). During this CPD session Eng. Rumais, briefed an overview as of how a construction project is was completed under construction contracts in general as well as especially in the perspective of Qatar. Further he explained the consequences of Taking Over Certificate refer to FIDIC clauses.

**2. CPD/02 2020 - “FIDIC Contracts & Qatar’s Law Provide Contractors with Relief from the Adverse Impact of COVID-19”:**

The second CPD session was held on 08 May 2020 and presented by John Coghlan, Principal of C&E Legal Solutions in U.K. He is a Construction & Engineering law specialist with over 30 years’ experience, as a sub-contractor and a lawyer working with the construction and engineering industry.

During the CPD session John briefed about WHO’s beneficial contemporaneous evidence of “pandemic”; FIDIC relevant clauses related to “epidemic”, “governmental actions” , “change in law” and “Force Majeure”; Relevant Articles of Qatar Law and finally explained Contractor’s optimal strategy to protect its position and enhance its prospects of success if the matter evolves in to a formal “dispute”.

**3. CPD/03 2020 - “Project Risk Management”:**

Third CPD event was held on 4<sup>th</sup> June 2020 and presenter was Eng. Janaka Samarathunga who is currently working as a Senior Planning Engineer / Risk Coordinator in Doha Highway projects in Qatar. He is a Chartered member of CIOB (U.K.) and graduated from University of Peradeniya, Sri Lanka.

During the CPD session, Eng. Janaka elaborated about Project Risk Management Procedures under the sub topics of Risk identification, Categorization, Analysis, Risk treatments and monitoring and finally how Risk monitoring can be ~~done~~ performed through Primavera software. His focus was the need of our professional engineers to understand “Big Picture” about Risk Management in order to have a successful completion of project by identifying and monitoring all the related risks in advance to minimize as much as possible.

**4. CPD/04 2020 - “Causes and Effects of Beach Erosion, Design & Construction, and Its Mitigation Measures” (Special reference to Mount Levinia, Sri Lanka recent Beach Erosion):**

The fourth CPD session was held on 3<sup>rd</sup> July 2020. This CPD was resourced by Eng. Mohamed Ismath, Acting Director (Coastal/Marine) of Urbacon Trading and Contracting Company (UCC Holding) in Qatar. Eng. Ismath is a Chartered Engineer and obtained Post Graduate Diploma in Construction Project Management at University of Moratuwa and Graduated from University of Moratuwa as well.

During the CPD session, Eng. Ismath briefly explained about the beach erosion, and types of beaches; , basic requirements for beach design and its consequences, and different types construction methodology of beaches considering fund availability and mitigation measures for beach erosion.

**5. CPD/05 2020 - “Marketing for Engineers”:**

The fifth CPD session was held on 7<sup>th</sup> August 2020, presented by Eng. Thilakasiri Ekanayake, Group Managing Director of Procons Group of Companies in Sri Lanka. Eng. Thilakasiri is a Chartered Engineer, Project Management Professional (PMP) and currently reading for doctorate in Business Administration. He is having more than 27 years of experience in Project Planning Management and Business administration. He was Ex-President of Sri Lanka Society of Engineers Qatar in 2014.

During the CPD session, Eng. Thilakasiri explained about modern marketing concepts; how to improve our profile as an engineer; image building and branding; marketing professional importance within an organization and among co-workers; how marketing helps engineers to create product and services that meet need of customers, and finally briefed about how customers and other stakeholders extract value of Engineers' service and product.

#### **6. CPD/06 2020 - "Artificial Intelligence (AI) in Modern Era":**

The sixth CPD session was held on 4<sup>th</sup> September 2020, and presented by Eng. Harsha Kumara, PhD Researcher at La Trobe University, Melbourne Australia. This is the first CPD session which was opened for members of IESL Main Chapter and other Overseas Chapters. It would be a positive approach to raise the brand name of IESL Qatar Chapter among the Engineers of Sri Lanka and Overseas. The final appreciation should go to IESL Main Chapter to grant us such an opportunity to break the challenges.

#### **3. Monthly EXCOM Meetings**

Qatar chapter conducts its Executive Committee Meetings monthly basis, and also conducted ad hoc meetings where necessary. The Qatar Chapter has taken steps to conduct the meeting through Zoom application as viable solution for the current pandemic situation. The Agenda of the meeting is prepared in advance and circulated in the EXCOM group. Apart from the chapter future activities, information and requests gathered from other professional organizations in Qatar, Sri Lankan embassy in Qatar and Provincial/Overseas Chapter meetings are also being discussed in the EXCOM meetings. Minutes of the meeting is prepared by the secretary for circulation.

#### **4. Article Publication**

It was a great kick-off from the new President Eng. Prasanna Janakasiri by publishing the first Article from the Qatar Chapter for the year 2020 under the topic of "Technology and Work-Life Balance.". the rest of the article have been published as follows.

- "Keep Your Heart of the project Heathy" by Eng. Janaka Samarathunga
- "Three Rules in Leading People" By Eng. Chathura Udayanga

The EXCOM Members are continuing to strive to collect more articles from the chapter members in the coming months of the year.

#### **5. Corporate Social Responsibility Projects (CSR) conducted in year 2020**

The ISEL Qatar Chapter has conducted few Cooperate Social Responsibility Projects (CSR) specially to support the affected communities due to pandemic situation. The Chapter has taken its full caliber as a team to accomplish the intended purpose of the CSR projects. We wish to highlight the following projects as the significant projects conducted by the Chapter during the most difficult situation.

1. Provision of two washing machines to District Hospital in Maho
2. Provision of Thousand (1000) Face masks through GMOA
3. Provision of food packages worth 1000 Qatari Riyals

# YOUNG MEMBERS SECTION (YMS) - 2019 / 2020

## INTRODUCTION

The YMS is to be recognized as a link between young Engineers and IESL. It plays a vital role in making young engineers attracted to the IESL and informing the council on the related affairs and activities of the Young Members. The YMS of the IESL consists of student members, all the corporate members and all the non-corporate members below 40 years of age.

## YMS EXECUTIVE COMMITTEE

1	Chairman	Eng. Navodana Kankanamge
2	Immediate Past Chairman	Eng. Chamil Edirimuni
3	Deputy Chairman	Eng. Manjula Palihawadana
4	Deputy Chairman	Eng. Lasantha Prasad
5	Secretary	Dr. Dulini Mudunkotuwa
6	Assistant Secretary	Eng. Jayantha Dayananda
7	Assistant Secretary	Eng. Nadeera Sugandi
8	Treasurer	Eng. Supun Asela
9	Editor	Eng. Chamila Gamage
10	Web Editor	Mr. Arunalu Weerasinghe

## YMS EVENTS

### Meet the Engineer Session 01

Young Members Section (YMS) of IESL has successfully concluded their first calendar event for the year 2020, "Meet the Engineer". This was held on 11<sup>th</sup> January, 2020 at IESL headquarters from 1.00 pm to 5.00 pm. "Meet the Engineer" program consisted of two main sessions. The first session was an educational session conducted by senior engineers and industry experts, while the second session was on presenting annual plans of Student Chapters.

Eng. Granie Jayalath delivered a session on "Importance of Effective Communication" and Eng. Kosala Kamburadeniya delivered a session on "PR Skills for Field Engineers". In addition, two interactive sessions were conducted by Eng. Chamila Gamage & Mr. Hisham Alif. During the tea break Eng. Arjuna Manamperi, Eng. Kamburadeniya and other senior engineers answered the questions raised by Student Chapters representatives.

### Field Visit to Colombo Ice Company (Pvt) Ltd at Seethawaka

Electrical, Electronic and Telecommunication Engineering Sectional Committee and Young Members Section of the Institution were successfully conducted a field visit to The Colombo Ice Company (Pvt) Ltd at Seethawaka Export Processing Zone on Saturday 25<sup>th</sup> January, 2020. Student Members, Associate Members and Corporate Members of IESL in different disciplines actively participated in this event.

### **Annual General Meeting of IESL Student Chapter - University of Moratuwa**

Annual General Meeting of IESL Student Chapter - University of Moratuwa was held successfully on 09<sup>th</sup> January , 2020 from 10.30 am at Electrical Engineering Department Auditorium. Eng. Arjuna Manamperi delivered a speech on “Must have attitudes of an engineer and legalizing the practice of engineering in Sri Lanka with ECSL”. New executive committee for year 2020 was elected at the meeting. YMS congratulates the newly elected committee for a successful session for year 2020.

### **Talk to School Session 01 - Bandarawella Central College**

As a part of social responsibility program, Young Members Section of IESL has commenced an awareness program, “Talk to school” to promote school children to choose engineering as a career. The program aims to educate school students on how the subject matters in mathematics and physics are being applied in creative and useful ways and thereby instill an interest in students to pursue mathematical stream in their advanced level education. The first program for the year 2020 was successfully conducted in Bandarawella Central College on 07<sup>th</sup> February, 2020. Principal of Bandarawella Central College delivered the welcome speech. Eng. T.M.S.S.D Tennakoon, Chairman of IESL Uva Chapter delivered an introduction speech on Talk to School program.

Eng. R.M.P.G.L.S Gunapala conducted attractive Inspiration Speech on Becoming an Engineer. Eng. P.D.B. Ratnayake, Past Chairman of Provincial Chapter has conducted the session on Introduction to IESL and YMS. Eng. R.S. Liyanage delivered a timely valued session on Engineer for National Interests. Eng. L.H.L. Lilantha, CEB Engineer conducted an awareness session on Energy Management for students. Vote of thanks was conducted by the school management.

Eng. W.M.U Wijayasundera was the master of ceremony and Eng. M.D.U.P. Manathunga was the YMS organizer for the event. During the discussion session all senior engineers answered the questions raised by students.

### **Talk to University Session 01 – University of Moratuwa**

YMS has organized a “Talk to University Program” aiming a group of student members of University of Moratuwa on 28<sup>th</sup> January, 2020 with the presence of Eng. Chamikara Jayakody as the resource person. The main objective of this program is to enrich students with the right set of attitudes and skills that are expected by the industry, projects and competitions.

### **Talk to School Session 02 - Sivali Central College Ratnapura**

The second “Talk to School” program for the month of February has been successfully conducted in Sivali Central College Ratnapura on 27<sup>th</sup> February, 2020. IESL Sabaragamuwa Chapter and Young Members Section of IESL jointly organized the event. Eng. Chandana Kulasuriya - Chairman of IESL Sabaragamuwa Chapter, Eng. Arjuna Manamperi, Eng. Navodana Kankanamge, Eng. Charitha Dayaratne, Eng. Suhashini Ihalagama, Student Members Mr. H.L.S. Perera and Mr. K.M.D.P. Bandara were the resource persons.

Student members of IESL Student Chapter, University of Moratuwa have performed an entertainment session and that was attention grabbing for students. Members of

Sabaragamuwa Chapter representing all disciplines actively participated for the questions and answers session at the end.

### **Celebration of World Engineering Day at South Eastern University of Sri Lanka**

The IESL Student Chapter of South Eastern University of Sri Lanka with the guidance of the University Management had organized a Panel Discussion on “Sustainable Development Goals and Contribution of Engineers” and a painting competition titled “Engineering the Green Future” in the occasion of World Engineering Day on 4<sup>th</sup> March, 2020 at Engineering Faculty Auditorium.

The panel discussion was a great success and the IESL Student Chapter had invited Eng. Z.M. Hairu, Chairman, Hairu Group of Companies, Sri Lanka, Eng. A.L.M. Nizar, Project Director, Road Development Authority, and Eng. (Dr.) S.M. Junaideen, Dean Faculty of Engineering, South Eastern University of Sri Lanka. All the lecturers, Students and Engineers of IESL Eastern Chapter participated in this discussion and the session continued as the lecturers, engineers and students interactively participated in this discussion. The discussion was on “Sustainable development goals” which is also the theme of the World Engineering Day.

### **Talk to School Session 03 - Kegalu Balika Vidyalaya**

YMS of IESL successfully conducted a “Talk to School” program on 12<sup>th</sup> March, 2020 at Kegalu Balika Vidyalaya. The Principal of the Kegalu Balika Vidyalaya delivered the welcome speech. Eng. Chamil Edirimuni delivered the first speech introducing YMS and IESL. He explained the importance of Engineering profession and the path to become a professional engineer. Further, he added about the duties and responsibilities of Engineers for the development of Sri Lanka in his speech. IESL Student Member, also an undergraduate of University of Peradeniya, Ms. Senuri Gurusinghe delivered an inspirational speech on Becoming an Engineer.

Eng. Hirantha Jayathilake conducted an awareness session on Energy Management. There he was able to share the concepts related to energy saving in day to day life. Interactive Q & A session was conducted by Eng. Chamil Edirimuni. Students were able to receive the answers to their questions about engineering field, selecting A/L subjects, migration of engineers etc. Vote of thanks was delivered by the school management while thanking YMS for selecting their school for the program. Eng. Jayantha Dayananda Asst. Secretary of YMS organized the event with the help of IESL Kegalle District Centre.

### **Meet the Engineer Session 02**

IESL YMS organized “Meet the Engineer” session in IESL to mark the International Women day, from 2.00 p.m. to 3.00 p.m. on 13<sup>th</sup> March, 2020 with the presence of IET young Women Engineer of the year 2019, Eng. Zahara Marzook and Eng. Nadeera Sugandi, Assistant secretary of YMS. The guest speaker Eng. Zahara Marzook delivered an interesting motivational speech, students were inspired and motivated.

The main objective of this program was to convey how to serve the country as a woman engineer in future. Undergraduate students from Faculty of Engineering, University of Sri

Jayewardeneperu were invited for the women Engineers' day 2020 which was held by WEF. The certificates were issued to with the collaboration of IESL YMS.

#### **Talk to School Session 04 - Wellawa Central College**

IESL Wayamba Chapter successfully conducted a "Talk to School" program on 3<sup>rd</sup> March, 2020 at Wellawa Central College. The Vice Principle of the Wellawa Central College delivered the welcome speech. Eng. K.P.N.L. Karunanayake delivered the introduction speech to the program. Eng. D.M.T.C. Dissanayaka conducted an attractive session on the importance of Engineering profession and the path to become a professional in their lives. Further, he introduced a methodology to achieve life goals for the students. Eng. R.M.I.W. Rathnayake conducted the lecture on Energy Management and conservation to the students. At the end of the session, vote of thanks was delivered by the School Management while thanking IESL for conducting such sessions to educate on timely valuable matters. Eng. H.I.S. Jayasundara of IESL Wayamaba Chapter coordinated the event.

#### **Series of MATLAB Workshops organized by IESL YMS Student Chapter of OUSL**

The IESL YMS Student Chapter of OUSL brought out a series of MATLAB Workshops. The first and second session was held on 29<sup>th</sup> of February and 3<sup>rd</sup> of March 2020 respectively. More than 60 students participated for these two sessions from the University of Moratuwa, OUSL and NDES.

The Workshop was conducted by Eng. A.P.T.D. Pathirana, who is a graduate from OUSL, currently working as a Research Engineer attached to the Department of Mechanical Engineering, OUSL.

#### **YMS Blog**

YMS has initiated multiple events and programs, with the main objective of enhancing the skills of young members, who will become engineers in the foreseeable future. As a further step, a blog was introduced by YMS, which was named as "IESL YMS" for stay at home period.

This builds up the foundation to the potential engineers to showcase their hidden creativity to the community. The creations, which are in the form of article, story series, science fiction or art, are published in the blog. They are mainly based on the engineering related matters or about YMS student chapter events. Further, as an encouragement to the undergraduates, the best article which is posted in the blog is appreciated by a certificate. The selections are processed by an engineer who is specialized for it.

#### **Talk to University Session 02 – Online Session**

IESL Student Chapter of University of Moratuwa with the guidance of the University Management has organized "Talk to University Program" aiming a group of student members on 8<sup>th</sup> June, 2020 with the presence of Eng. Arjuna Manaperi as the resource person. Due to Social Distancing Measures this program was conducted as an online discussion through Zoom under the name "Paving Paths".



### **Talk to University Session 03 – Online Session**

Engineering Education Centre of Faculty of Engineering, University of Ruhuna organized a guest lecture in the Development Program for 21st Intake to the Faculty of Engineering on 12<sup>th</sup> May, 2020. Due to Social Distancing Measures this program was conducted as an online discussion through Zoom with the presence of Eng. Arjuna Manamperi and Eng. Navodana Kankanamge as resources persons.

### **Young Members’ Technical conference - 2020**

Technical conference of Young Members’ section - The Institution of Engineers, Sri Lanka will be held 29<sup>th</sup> October, 2020 along with IESL Annual Sessions. It is an opportunity for all young members of IESL to present their technical papers and discuss engineering related topics with industry professionals and academia. 99 abstracts were received via “EasyChair” platform for the conference and 81 have been selected for full paper submissions. 50 Full papers are received and currently under review.

#### Conference Committee:

Conference Chairperson	Dr (Mrs) TWKIM Dias
Conference Secretary	Ms. S.P. Somathilaka
Session Coordinators	Mr. J.M.D.S. Jeewandara
	Mr. W.M.C.S.B. Walisundara
Committee Members	Mr. M.T. Gunasekara
	Eng. S.S.G.C. Sriwardana
	Ms. H.M.N.A. Herath
	Mr. N.T. Senarathna
	Mr. K.T.R. Wickramasinghe
	M.Y.L. Salgado
	Mr. J.M.D.S. Jeewandara
Editor(s)	Mr. E.M.A.G.N.C. Ekanayake
	Mr. R. B. Danthasinghe
Graphic Designer	Mr. K. A. S. C. Samarasinghe
University Coordinator	Mr. H.K.K.S. Gunaweera

#### Schedule of key dates:

Last date for receipt of abstracts	-	15 <sup>th</sup> May, 2020
Notification of acceptance	-	30 <sup>th</sup> May, 2020
Last date for submission of full paper	-	30 <sup>th</sup> June, 2020
Notification of the acceptance of the full paper	-	31 <sup>st</sup> August, 2020
Last date for submission of Camera ready paper	-	11 <sup>th</sup> September, 2020
Presentations of accepted papers	-	29 <sup>th</sup> October, 2020

The conference will be held at a suitable hall in the IESL head office premises. Due to the Covid19 Pandemic, participants will join through an online medium, while the evaluating panel will be physically present at the conference. The best paper will be entitled to the prestigious late Eng. Chandrasena Award.

(Reported by Eng. Navodana Kankanamge, Chairman YMS)



# **JUNIOR INVENTOR OF THE YEAR (JIY) COMMITTEE 2019/2020**

## **COMMITTEE**

Eng. Jayavilal Meegoda - **Past President, IESL**

Eng. H D B P Herath - **Chairman**

Eng. D M D K Dissanayaka – **Secretary**

Eng. H N Gunasekara

Eng. B S Samarasiri

Eng. D M Punchibanda

Eng. S A P C Siriwardane

Eng. D D L Wijethunga

Eng. R M T O Rajapakshe

Eng. H H D Nalin

Eng. Dilina De Silva

Eng. T S Rathnayaka

Eng. W M K M Dasanayaka

Eng. Kayaththiry Vinayagamoorthy

Mr. Maduranga Karunajeewa - Coordinator

## **INTRODUCTION**

The IESL has been conducting the Junior Inventor of the Year (JIY) competition continuously across the Island since 1980 with the intention of promoting creative and innovative thinking amongst school children in the age group of 12 – 19 years. Over the years, this annual competition has drawn much enthusiasm and interest not only amongst the participating students, but also amongst fellow students, teachers and parents particularly in the rural areas of the country.

Preliminary judging of the applicants is done in the provinces with the help of IESL Provincial Chapters. The applicants who are successful at provincial level have been invited for the final judging which would take place in Colombo.

20 JIY winners will get the opportunity to showcase their inventions at the TECHNO exhibition.

Two of the best performing students of JIY competition are successful in securing invitations to participate at the International Science & Engineering Fair (ISEF) competition in United States. ISEF is the world's largest pre-college science competition. JIY Winners have had the opportunity to participate in the ISEF Competition since year 2007 and have won fifteen international awards up to now with three of them having the unique distinction of a newly discovered minor planets being named after them.

## **Junior Inventor of the Year 2019/20**

About 10,000 public and private schools were informed officially about the competition through MoE. JIY competition regulations and applications were published in the following web site: [www.iesl.lk](http://www.iesl.lk). The students were encouraged to apply for the competition through the web.

**Awareness programmes and workshops** were held for teachers and students in provinces with the help of provincial centers & schools. Eng H D B P Herath – Chairman JIY, Eng B S Samarasiri, Eng D M D K Dissanayaka - Secretary JIY & Eng. S A P C Siriwardane - Committee member addressed the students. The committee introduced interactive awareness programmes and workshops for this year and it was a fresh experience to the participant and committee members. The main purpose is to develop the innovative thinking of students.

Then due to current situation in the country (Covid 19), JIY committee decided to conduct JIY competition through online system in this year. Winners will be finalized in November 2020.

The products, which won awards at the JIY competition 2019 were developed at NERD center and at the Design Centre, University of Moratuwa with the help of our members. The winners were trained on the Research based inventions at the Design Center, University of Moratuwa and on presentation skills by IESL toastmasters club.

JIY students have capability to the win the world stage. This shows testimony of the leadership and capability of the country providing motivation, creative and innovative through the JIY Competition.

**Five IESL scholarships** were awarded to JIY 2019 winners as follows at the IESL Induction and Graduation ceremony held at the BMICH on 26<sup>th</sup> September 2020.

<b>Name</b>	<b>School</b>	<b>Product Name</b>
Miss D M I Uththara Medagoda	Girls High School, Kandy	Multi Rice Cooker
Master K M M Deepaka Bandara	Eheliyagoda Central College, Eheliyagoda	Modified Areca Nut Husk Peeler
Miss Vaishnaviey Karunanathan	Chundikuli Girls College, Jaffna	Smart Dustbin
Master R G A Lakmal Wijewikrama	Government Science College, Matale	Tea Leave Cutting Machine
Miss W Viduni Punara	Sacred Heart Convent, Galle	Microscope Which Can Be Wearable On The Head

(Reported by Eng. Dayan Herath, Chairman JIY Committee)

## Women Engineers' Forum

Executive Committee comprises of following members for the Session 2020/2021.

Eng. (Ms.) Devika Abeyesuriya	Chairperson
Eng. (Ms.) Kushmy Senaratne	Deputy Chairperson
Eng. (Ms.) Lilani Ruhunuge	Joint Secretary
Eng. (Ms.) Dulmini Indrasiri	Joint Secretary
Eng. (Ms.) Sriyani Abewickrama	Treasurer
Eng. (Ms.) Kalpana Balasooriya	Assistant Treasurer
Eng. (Ms.) Nayana Wijesiriwardhene	Editor
Eng. (Ms.) Thanuja Fernando	Assistant Editor
Eng. (Ms.) Kumuduni Wijegunawardana	Social Secretary
Eng. (Ms.) Ranjani Perera	Committee Member
Eng. (Ms.) Jayantha Ambalavanar	Committee Member
Eng. (Ms.) Champika Ranasinghe	Committee Member
Eng. (Ms.) Janaki Roopasinghe	Committee Member
Eng. (Ms.) Nadeeka widyasooriya	Committee Member
Eng. (Ms.) Hiranthi Janz	Committee Member
Eng. (Ms.) Kanthi Jayaweera	Committee Member
Eng. (Ms.) Priyadarshani Ranasinghe	Committee Member
Eng. (Ms.) Indra Priyatharshini Seevarathnam	Committee Member
Eng. (Ms.) Nadeera Sugandi	Committee Member
Eng. (Ms.) Zahra Marsook	Committee Member
Eng. (Ms.) J.T Hansika Chaturangani	Committee Member

Eng. (Ms.) Lanka Haturusinha, Eng. (Prof.) N. Ratnayake, Eng. (Ms.) Vasantha Nallathamby, Eng. (Ms.) Badra Kamaladasa, Eng. (Ms.) Lakmini Nonis, Eng. (Ms.) Thamara Mallawaarchchi and Eng. (Ms.) Mangala Wickramanayake and Eng. (Ms.) Shayma Gunawardana serve as the members of the Advisory Committee.

The Committee organized following activities during the Session 2019 Aug/2020 Aug and twelve numbers of Executive Committee meetings were held.

### 1.0 Public Lectures, Workshops, Seminars & Panel Discussions

- A webinar was held on July 02, 2020 on "Societal Role of Professional Engineers" conducted by Eng. Janaka Senevirathne, BSc. Eng. (Civil)-Sri Lanka, MSc. (Local Gov. Eng.)-Australia, MSc. (Eng. Mgt)-Australia; Fellow (IESL and IEAust.), C.Eng. (IESL and IEAust.) Int. PE (Sri Lanka and Australia), APEC Engineer. ExCo members highlighted that it was a very important and useful webinar.

The speaker pointed out,

- The importance of professional engineers responding to the rapid transformation of Social structure of Sri Lanka undergoing due to the volatile local and international socio-economic, political and technological landscape instead of reacting.
- Importance of clearly identifying the professional engineers' public purpose, societal roles and serve the nation professional manner.
- How to use Code of Conduct/ Ethics set upon by the professional institutions as an inspirational tool to act innovatively instead of taking it as a disciplinary tool.

- Importance and how to tackle to maintain their integrity in engineering decision making under enormous pressure in the political environment.
- Importance of maintaining professional performance standards, and leading this process by developing processes and procedures.
- Application of the “Systems View Concept” and the elements of “Business Excellence” in this endeavour.
- Speaker further exchanged own views on uplifting professional engineers’ image and professional status within wider society.

50 members participated and the session continued from 5pm to 6.45 pm. It was a timely appropriate and interesting topic. The full video of the presentation is uploaded in Youtube.

- A webinar organised jointly by the WEF and Section C (Engineering, Architecture, Surveying) of Sri Lanka Association for the Advancement of Science (SLAAS) was held on July 30, 2020 on “Airborne Transmission of COVID-19 virus in office workspaces: Are you prepared for the next wave?” conducted by Professor Mahesh Jayaweera, Environmental Engineer, University of Moratuwa.

The speaker pointed out,

- The modes of transmission of COVID-19 virus that are vital in indoor workspaces, particularly when the ventilation systems are inadequate.
- The impact of different ventilation systems, namely air-conditioner, ceiling fans, or natural ventilation on the transmission of COVID-19 virus were evaluated.
- The effectiveness of the use of masks in confined environments is discussed. For different indoor settings, modeling of infection risk from an asymptomatic patient for other employees of the workspace was performed.
- The reproduction number for the indoor setting (R0) was estimated to predict whether the COVID-19 will pass on to the next generations.
- Appropriate engineering interventions for risk minimization was discussed.

110 members participated and the session continued from 6pm to 8.20 pm. It was a timely appropriate, very important and interesting topic. The full video of the presentation is uploaded in Youtube.

## **2.0 Women Engineers’ Day & Annual General Meeting**

- Women Engineers Forum (WEF) of the IESL marked the International Women’s day by holding The Women Engineers’ Day 2020 and the 11th Annual General Meeting on March 13, 2020 from 3.00 pm onwards at Wimalasurendra Auditorium at IESL premises with the participation of women engineers representing industry as well as academia. The event was graced by several Prominent Personalities in the field of Engineering. Prof. (Ms.) Dileka Dias, Faculty of Engineering, University of Moratuwa was the Chief Guest and (Ms). Shyamalie Chitrleka Perera, Surveyor General of Survey Department was the Guest of Honour. They were joined by other distinguished guests, the first lady president of IESL, Eng. (Ms.) Lanka Haturusinha, Prof (Mrs) Niranjanie Rathnayake Past President of IESL, the president elect of IESL, Eng. K.P.I.U. Dharmapala, Eng. Kamal Laksiri – Vice President of IESL, Eng. Neil abeysekara, CEO of IESL, past chairpersons of WEF of IESL, some council members, fellow women engineers of IESL and other distinguished invitees.

- Gathering was warmly welcomed by the chairperson 2019/2020 of WEF of IESL, Eng. (Ms.) Shyama Gunawardana. Chief Guest Prof. (Ms.) Dileka Dias shared her experience as an Engineer and an academia. Ms. Shyamalie Chitraleka Perera, the Guest of Honour delivered a speech on “Challenges faced by a woman in the Work” emphasizing the importance of spiritual and moral development. A motivational speech was delivered by Eng. (Ms.) Zahra Marzook who won the IET Young Women Engineer Award in 2019 to encourage the membership.
- Celebration of IESL Women Engineers’ Day 2020 was successfully concluded and it was followed by the 11th Annual General Meeting of WEF from 4.30 pm onwards.

### **3.0 Field Visits**

- Nestle factory visit was successfully held on August 15, 2019 with the participation of 38 Nos. of IESL members. A presentation was done by Factory Manager and the safety officer gave the safety instructions before the factory visit started. Refreshments were provided by the Nestle before the factory visit. The chairperson conveyed the appreciation to the Nestle team, WEF and IESL for making all the arrangements on behalf of the participants. Nestle accompanied with the team for the visit. Some of the participants have conveyed their gratitude via emails to WEF for organizing such event.
- Field visit to New Kelani Bridge project was successfully held on October 05, 2019 with the participation of 25 Nos. of IESL members. Presentations were done by PD, NKBP, Eng. (Ms.) Darshika Wijesekara and DTL Eng. Upali Hewage and Engineers explained the site proceedings during the site visit. Lunch and refreshments were provided by the NKBP project. Some of the participants have conveyed their gratitude via emails to WEF for organizing such event.

### **4.0 Social Responsibility – Charity Event – Blooming Buds 2**

Women Engineers’ Forum started an annual corporate social responsibility event which help to support needy children in remote areas. The charity event “ Blooming Buds” started in 2018, and completed successfully by distributing 170 numbers of gifts packs to three primary schools in Polonnaruwa district.

In 2019, the event “Blooming Buds 2” was organised and Nalanda Kanitu Vidyalaya, Kandiyapita, Wewagama, Thanamalvila in Monaragala district was selected. 146 numbers of students are educating in the school. A request letter was circulated to the IESL members, via IESL emails requesting donations to provide. In the meantime, the society was made aware through the WEF Ex-Co members.

In response a well-wisher, a non IESL member contributed all stationary requirements, school bags, shoes and socks etc. and cash deposits to the IESL account were also received. Water Board - ADB Project staff donated a photocopy machine. The balance requirement such as uniform materials, some stationaries etc. were purchased from the received cash donations.

All donated Items were collected and the gift packs were sorted and arranged on November 24, 2019 at the Members' Lounge of the IESL. Members of the Ex-Co of WEF, some other IESL members and few non-members helped in organizing the gift packs.

A gift pack contained required text books, pens, pencils, erasers, gum bottles, instrument boxes, colour pencils, pastel, pencil cases, pencil sharpeners shoes, socks, school bags, water bottles, lunch boxes, and uniform material per each student as well. Further, packs containing sweets and fruits were also arranged to the students.

146 gift packs with other donations were distributed among school children on November 29, 2019. Some of the WEF Ex-Co members participated for the event. Staff of the Uva, Kudaoya Commando Training school of Sri Lanka Army provided their fullest corporation for the transportation of gift packs and for the distribution. The charity event "Blooming Buds 2" was completed successfully.



IESL Women Engineers' Day 2020



Nestle Factory Visit





Social Responsibility – Charity Event – Blooming Buds 2

(Reported by Eng. (Ms) Devika Abeyseriya, Chairperson Women Engineers' Forum)

# WATER FORUM OF IESL

## 1. General

During the current session the Water Forum of IESL, has successfully conducted twelve (12) meetings. The following members represented the Water Forum as the governing members by playing active roles in its regular activities.

- Eng. Dr. Kamal Laksiri - Chairman
- Eng. Kirthi Sri Senanayake
- Eng. Ananda Jayaweera
- Eng. (Ms.) Badra Kamaladasa
- Eng. (Dr.) Herath Manthrithilaka
- Eng. M.K. Hapuarachchi
- Eng. P.W. Wickramasekara
- Eng. S.G.G. Rajkumar
- Eng. Gihan Jayathileke
- Eng. T. Uthayakumar
- Eng. (Ms.) Hiranthi Silveira
- Eng. (Ms.) N.P. Goonewardene
- Eng. Janaka Rathnakumara
- Eng. Manjula Samarasinghe
- Eng. N. Srikanan
- Eng. (Ms.) R.D.T. Kaushalya – Secretary

## 2. Main events conducted by the Water Forum

During the session following activities were conducted by the Water Forum alone and in association with other professional bodies.

### i. Webinar on “Provision of Water and Sanitation: Challenges and opportunities for population access to WASH Services Sri Lanka”

The webinar was conducted by the International Water Association (IWA) on 08<sup>th</sup> September 2020 in collaboration with the Water Forum, SLASS-Section C and ASCE Sri Lanka Group. Prof. Kalanithy Vairavamoorthy, Executive Director of IWA conducted a guest lecture and five presenters contributed for panel discussion highlighting the challenges and opportunities prevailing in the country regarding WASH services. Prof Mahesh Jayaweera of University Moratuwa moderated the panel discussion. The event was a great success with more than 100 participants in attendance from several countries.

### ii. Water for Home Gardening Competition

During the COVID-19 lockdown period, considering the increasing attention paid on home gardening, the Water Forum decided to develop and establish new water saving concepts applicable to Home Gardening. Hence decided to invite proposals from members for innovative ideas for water conservation techniques for home gardening. As a result 25 very interesting proposals were received for the competition on Water for Home Gardening by the closing date on 30<sup>th</sup> May 2020. Proposals were requested under three categories based on suitability home

gardening in (A) Urban (B) Peri-urban (C) Dry zone areas. A panel of experts consisting of seven water professionals from different branches of water sector were appointed as the subcommittee to evaluate the proposals based on innovativeness, simplicity, practicality, effectiveness in water and energy conservation and suitability for the selected area. Currently the subcommittee has finalized the evaluation. The selected best three proposals, one from each category will be recognized and awarded.

**iii. Virtual Field Visit to Broadlands Hydropower Project**

Virtual Field Visit to Broadlands Hydropower Project was an interesting event organized by the Water Forum in collaboration with Civil Engineering Sectional Committee. The event was a huge success due to the active participation of more than 300 members in local and foreign chapters of IESL.

**iv. Water Policy for Sri Lanka**

The Ministry of Irrigation has drafted the Water Policy for Sri Lanka and invited public comments. The Water Forum is actively involved in the Policy preparation work. The Ministry has already included the Water Forum in the water policy establishment task. The Water Forum invited comments from the membership regarding the draft policy and shared the comments with the Ministry.

**v. Establishment of the Dam Safety Regulations**

The Secretary, Ministry of Irrigation has invited the Water Forum to join in this task by participating in the expert committee appointed to establish mechanism for Dam Safety Regulations. The Water Forum has assigned Eng.Palitha Wickramasekara to work with the expert committee established by the Ministry of Irrigation to give recommendations regarding dam safety regulations.

**vi. Broadlands Hydropower Plant visit**

The committee of the water forum visited the Broadlands Hydropower Project on 24<sup>th</sup> November 2019. The team observed the tunneling, construction of hydraulic structures and visited dam sites. The project team conducted a knowledge sharing session with the team and they have further explained about the proposed energy museum project.

**vii. Techno Exhibition**

The Water Forum stall at Techno 2019 exhibition was a center of attention due to the availability of various water related models such as rain water harvesting model, RO filtration model, wastewater treatment plant model etc. Further to that, the Water Forum conducted a quiz competition for school children as well as adults. There was a very high demand from the visitors to participate in the quiz competition. Further, there were large number of water professionals engaged with the water forum stall during the whole period of exhibition to share knowledge. Several junior engineers were benefitted by this, as this opportunity provided a platform for them to solve water related quarries under the guidance of several experts.

**viii. Public lecture on “Ancient Water Resources Management in Sri Lanka”**

The lecture was conducted on 06<sup>th</sup> November 2019 at 5.30 pm at CEB-DD4 auditorium by Dr. P.B. Dharmasena, Team Leader of Project on ‘Improving System Efficiencies and Water Productivity’, Ministry of Mahaweli Development and Environment. The knowledge shared during the lecture was vital in grooming awareness on ancient water based city planning, water management master plans, tank cascade systems, traditional tank-village ecosystem and evidence from Pidurangala as an ancient rainwater harvesting center. The event was organized by the Water Forum in collaboration with SLAice.

**ix. Online Workshop on “GIS as an effective decision support tool”**

Webinar on GIS as an effective decision supporting tool was conducted by Water Forum jointly with SLAAS section C. The programme was conducted over six weekends from 6<sup>th</sup> to 20<sup>th</sup> July 2020. The course duration was 14 hours and the training was conducted by the resource persons of GIS solutions (Pvt) Ltd.

**x. World Water Day 2020 Programme**

The IESL Water Forum in collaboration with the Civil Engineering Sectional Committee organized the “World Water Day 2020 Programme” to mark this year World Water Day under the theme “Water & Climate Change” to hold on 23<sup>rd</sup> of March 2020. However due to the outbreak of COVID -19 pandemic, the event was postponed and it is planned to be held as an online webinar during the month of September.



Broadlands Hydropower Plant visit



Techno 2019 exhibition

**Provision of Water and Sanitation: Challenges and Opportunities for Population Access to WASH Services in Sri Lanka** **IWA SRI LANKA**

 <b>Guest</b> Prof. Kalanthy Vairaveeswerty Executive Director International Water Association	 <b>Moderator</b> Prof. Mahesh Jayaweera Senior Lecturer Department of Civil Engineering University of Moratuwa Sri Lanka
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 <b>Mr. Aravinda Jayaweera</b> Advisor Ministry of Water Supply, Sri Lanka	 <b>Dr. Shilini Kumaranath</b> Senior Lecturer PILWAS Institute of Water and Technology	 <b>Ms. Kusum Athukorala</b> Senior Advisor Sri Lanka Water Forum	 <b>Mr. Uthmaniyah Gunarathne</b> Deputy General Manager Sri Lanka Water Forum WSD Strategic Support	 <b>Mr. Ramel Dissanayake</b> Senior Project Officer Water & Water Supply Rural Development Bank
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**Webinar** 08 September 2020  
7.00 PM (Colombo Time)  
Register via <https://bit.ly/3D0FVX7>

with the Partnership of **ASCE**

ASCE Water Forum, ISAW2 Session C, ASCE Sri Lanka

Webinar on “Provision of Water and Sanitation: Challenges and opportunities for population access to WASH Services Sri Lanka”

(Reported by Eng. Thilini Kaushalya, Secretary Water Forum)

# NATIONAL POLICY FORUM

## **Conducive Policies for Port Sector Development for Social and Economic Development of the Country (P-5)**

National Policy Forum established to discuss sector policies; mainly, our members are involved, which gives paramount importance to the country's economic and social development. In January 2020, the forum topic was conducive port sector policies for the economic and social development of the country.

Around 50 participants participated in the forum, and mainly concluded points were sent to H.E. President Gotabaya Rajapaksha for his attention. Some of the important points highlighted were:

- The port sector shall be developed in the central pillar of security and regional harmony to utilize the competitive position of Sri Lanka to maximize commercial gains.
- SLPA's 30-year development master plan and its investment plan prepared are to be based on the demand-driven framework and which could quickly be accelerated to accommodate Supply driven strategy.”

(Reported by Eng. M.G. Hemachandra, Chairman National Policy Forum)

# **ANNUAL GENERAL MEETING 2019/2020**

## **OCTOBER 31, 2020**

To : All Corporate Members,

Our Ref : IESL/ES/Co/010

The Annual General Meeting of the Institution of Engineers Sri Lanka is scheduled to be held online on **Saturday – October 31, 2020 at 9.30 a.m.**

Honorary Secretary  
The Institution of Engineers, Sri Lanka

### **AGENDA**

- 9.30 a.m. - Reading the notice convening the meeting
- 9.35 a.m. - Observing two minutes silence in memory of members, who passed away during the Session 2019/2020
- 9.40 a.m. - Confirming the Minutes of Annual General Meeting (AGM) held on October 26, 2019
- 9.45 a.m. - Business arising from the Minutes of the AGM 2019
- 10.15 a.m. - Receive the Report on the Elections to Council for Session 2020/2021
- 10.30 a.m. - Appointment of members to the By-Laws Revision Committee
- 10.40 a.m. - Receive and deliberate upon the Report of the Council - 2019/2020
- 11.10 a.m. - Receive and adopt the Annual Statement of Accounts for the period 1<sup>st</sup> January 2019 to 31<sup>st</sup> December 2019
- 11.25 a.m. - Appointment of an Auditor
- 11.30 a.m. - i. Resolutions duly proposed by the Council  
ii. Resolutions duly proposed by Corporate Members
- 12.30 p.m. - Address by the outgoing President for the Session 2019/2020
- 12.50 p.m. - Induction of the President for the Session 2020/2021
- 01.10 p.m. - Address by the President for the Session 2020/2021
- 01.30 p.m. - End

## INSTITUTION OF ENGINEERS SRI LANKA

### Minutes of the 113<sup>th</sup> Annual General Meeting

The one hundred and thirteenth Annual General Meeting (AGM) of the Institution of Engineers, Sri Lanka was held on Saturday - October 26, 2019 at Nugasevana Hall of BMICH, Colombo 07. AGM proceedings commenced at 9.00 am with Eng. Prof. T. M. Pallewatta, President in the chair.

#### **1. The notice convening the one hundred and twelfth Annual General Meeting**

President welcomed all Members to the 113<sup>th</sup> meeting and requested Honorary Secretary to read out the notice convening the meeting. The agenda of 113<sup>th</sup> AGM is stated below.

#### **AGENDA**

- 1 9.00 am Reading the notice convening the meeting.
- 2 9.05 am Observing two minutes silence in memory of members, who passed away during the session 2018/2019
- 3 9.10 am Confirm the minutes of the Annual General Meeting held on October 27, 2018
- 4 9.15 am Business arising from the Minutes of the AGM 2018
- 5 9.45 am Receive the Report on the Elections to the Council 2019/2020
- 6 10.00 am Tea
- 7 10.30 am Appointment of members to the By-Laws Revision Committee
- 8 10.40 am Receiving and deliberating upon the Report of the Council 2018/2019
- 9 11.10 am Receive and adopt the Audited Annual Statement of Accounts for the period 1st January 2018 to 31st December 2018
- 10 11.25 am Appointment of an Auditor
- 11 11.30 am
  - I. Consider resolutions duly proposed by the Council
  - II. Consider resolutions duly proposed by Corporate Members
- 12 12.30 pm Address by the outgoing President for the session 2018/2019
- 13 12.50 pm Induction of the President for the session 2019/2020
- 14 01.10 pm Address by the President for the session 2019/2020
- 15 01.30 pm End

#### **2. Members who passed away during the session 2018/2019**

President mentioned that, the 100<sup>th</sup> birth anniversary of eminent Engineer, Dr. A. N. S. Kulasinghe also fell on the same day the AGM was held.

The House observed two minute silence in memory of the following Members who had passed away during the session 2018/2019.

Eng. M. Chandrasena	Past President
Eng. L. R. L. Perera	Past President



Eng. M. C. Opatha	HLF -624
Eng. (Prof.) J. A. Gunawardena	F-682
Eng. B. A. Dayananda	HLM -548
Eng. H. G. Bulumulla	M-1091
Eng. H. S. Wijesekera	M-2931
Eng. W. A. H. S. S. Wewala	AM-9673

### **3. Confirmation of the Minutes of the 112th AGM held on October 27, 2018**

President informed the House that the minutes of the 112<sup>th</sup> AGM- 2017/2018 held on 27<sup>th</sup> October 2018 was available in the transactions and same had been circulated among members.

Eng. (Prof). L. L. Ratnayake proposed and Eng. B. R.O. Fernando seconded that the minutes of the 112<sup>th</sup> AGM held on 27<sup>th</sup> October 2018 be adopted.

### **4. Matters arising from the Minutes of the AGM 2018**

Eng. B. R. O. Fernando, highlighted the importance of preparing IESL event calendar in advance and he expressed his dissatisfaction for not having Engineers' Night in year 2019, which was an event started in 1998. President stated that, IESL event calendar was prepared in advance but due to the instability experienced in the County after Easter attack, it was not able to hold Engineers' Night during the session but it might be possible to have it before the end of year 2019.

Eng. B. R. O. Fernando, expressed his dissatisfaction on the way that the Council handled his request to take disciplinary actions against a Council member. He also stated that, the Council had not appointed the Disciplinary committee at its first Council meeting according to the By-Laws.

### **Report on the Elections to the Council for the session 2019/2020**

Chief Returning Officer presented the Report on the Elections to the Council for the session 2019/2020 as follows.

1. The following were the Returning Officers for the elections for the Session 2019/2020:

Eng. (Rear Admiral) K W A R I Ranasinghe - Chief Returning Officer

Eng. P W Sarath – Assistant Returning Officer

Eng. (Prof.) Udayanga Hemapala - Assistant Returning Officer

Eng. L N Pallegama – Assistant Returning Officer

2. Election results:

Eng. (Prof.) S B S Abayakoon will be the President for the Session 2019/2020, having been elected as the President-Elect at the Elections held for the Session 2018/2019.

Receipt of nominations for the Elections to the Council for the Session 2019/2020 was closed on July 11, 2019.

2.1 The following have been elected uncontested:

- 2.1.1 Honorary Secretary - Eng. K S Mangala Silva
- 2.1.2 Chairman – Agricultural & Plantation ESC - Eng. H C J Thilakarathne
- 2.1.3 Chairman – Building Services Eng. Sect. Comm.- Eng. H S Suran Fernando
- 2.1.4 Chairman – Chemical & Process Eng. Sect. Comm.- Eng. W A N R Wickramasinghe
- 2.1.5 Chairman – Civil Eng. Sect. Committee- Eng.(Prof.) P B R Dissanayake
- 2.1.6 Chairman – IT & Computer Eng. Sect. Comm.- Eng. M P D Lathsara
- 2.1.7 Chairman - Mechanical Engineering Sect. Com.- Eng. E M P G L G K Ekanayaka

2.2 The following three (3) Fellows representing Class of Fellows will continue in the Council till the end of their term of office:

- 2.2.1 Eng. N A Wijeyewickrema
- 2.2.2 Eng. Malith Mendis
- 2.2.3 Eng. P W Sarath

2.3 The following five (5) Members representing the Class of Members will continue in the Council till the end of their terms of office.

- 1. Eng. Lalith Pallegama (Above 40 yrs)
- 2. Eng. Manjula Samarasinghe (Above 40 yrs)
- 3. Eng.(Prof.) Udayanga Hemapala (Below 40 yrs)
- 4. Eng. Dayan Herath (Below 40 yrs)
- 5. Eng. Dharaka Vitharana (Below 40 yrs)

2.4 The Election was held for the following posts:

- 2.4.1 President-Elect
- 2.4.2 Past President
- 2.4.3 Vice Presidents
- 2.4.4 Honorary Treasurer
- 2.4.5 Chairman, Electrical, Electronic & Telecom Eng. Sectional Committee
- 2.4.6 Representatives – Fellows
- 2.4.7 Representatives – Members (Above-40)
- 2.4.8 Representatives - Members (Below-40)

2.5 Voting (both Paper & Electronic) for Elections to the Council 2019/2020 commenced on the 1<sup>st</sup> August 2019 with the posting of election material, and was closed with the sealing of the

ballot box on 29<sup>th</sup> August 2019 at 2.00 p.m. The counting commenced at 9.00 am on 30<sup>th</sup> August 2019.

The Results are as follows:-

Vacancies	Post of President-Elect	Paper Votes	E-Votes	Total No. of Votes	Remarks
1	Eng. K P I U Dharmapala	751	413	1164	Elected
	Eng. Arjuna Manamperi	537	585	1132	

Vacancies	Post of Past President	Paper Votes	E-Votes	Total No. of Votes	Remarks
1	Eng. Chula De Silva	489	261	750	
	Eng. (Dr.) Ananda Ranasinghe	725	675	1400	Elected

Vacancies	Posts of Vice Presidents	Paper Votes	E-Votes	Total No. of Votes	Remarks
3	Eng. Samantha Gunawardana	634	416	1050	
	Eng. Granie R Jayalath	616	576	1192	Elected
	Eng. Kosala Kamburadeniya	781	589	1370	Elected
	Eng.(Dr.) Kamal Laksiri	892	592	1484	Elected

Vacancies	Post of Honorary Treasurer	Paper Votes	E-Votes	Total No. of Votes	Remarks
1	Eng. M G Hemachandra	724	711	1435	Elected
	Eng. Nelson P Jayathilaka	369	167	536	

Vacancies	<b>Post of Chairman, Electrical, Electronic &amp; Telecom. Eng. Sectional Committee</b>	Paper Votes	E-Votes	Total No. of Votes	Remarks
1	Eng.(Air Commodore) Roshan De Silva	628	332	960	
	Eng. Chamil Edirimuni	497	537	1034	Elected

Vacancies	<b>Posts of Representatives – Fellows</b>	Paper Votes	E-Votes	Total No. of Votes	Remarks
3	Eng. A P Ranjith De Silva	381	341	722	
	Eng. S H U De Silva	299	185	484	
	Eng. P Dhammika Dharmaratne	593	408	1001	Elected
	Eng.(Mrs) Shyama Gunawardana	574	551	1125	Elected
	Eng. Prabodha Jinasena	581	385	966	Elected
	Eng. W M D N Ranasinghe	227	238	465	
	Eng. Niyas A Samad	280	180	460	
	Eng.(Major) Nishanka Wasalabandara	277	185	462	

Vacancies	<b>Posts of Representatives – Members (Above 40)</b>	Paper Votes	E-Votes	Total No. of Votes	Remarks
3	Eng. M J Arulthasan	311	175	486	
	Eng. Rohan Fernando	308	266	574	
	Eng. R Ganeshwaran	292	182	474	
	Eng.(Prof.) J P Karunadasa	507	472	979	Elected
	Eng. Bandula Karunaratna	201	168	369	
	Eng. W M Upul Kumara	268	298	566	

	Eng. Shaheed Musthalie	65	55	120	
	Eng. P Chulani Perera	434	220	654	Elected
	Eng. E G Kusum Priyananda	370	259	629	Elected
	Eng. T L R Thilak Silva	272	157	429	
	Eng. M C Wickramasinghe	156	139	295	

Vacancies	Posts of Representatives – Members (Below 40)	Paper Votes	E-Votes	Total No. of Votes	Remarks
2	Eng. Gunatilleke – M D M	357	197	554	
	Eng. Navodana Kankanamge	367	371	738	Elected
	Eng. Dimuthu Lakmal	505	499	1004	Elected
	Eng.(Dr.) Chaminda Ranaweera	383	270	653	
	Eng. Priyamal B Samaratinga	421	271	692	

3. The Election Committee recommends following actions for improving the IESL elections in the future, taking due consideration of various events and developments that were observed during the IESL election 2019.

3.1 Appoint a committee consisting reputed experts, Executive Secretary and past CROs to study the issue of mudslinging or unethical campaigning by some candidates and their supporters during election process. The committee should be supported by legal and IT experts. It is recommended that special focus be given to legal validity of any complaint to law enforcement agencies by IESL on such activity and if not any amendments required to By-Laws or the Act itself.

### 3.2 **Resolution recommended to be submitted for General Assembly**

It can be stated with no uncertain terms that IESL is the single most pioneering institute responsible for promoting the technological advancement in Sri Lanka.

In keeping up with this motive, IESL has introduced procedure for conducting the annual council election by e-voting in year 2017 (In addition to manual paper voting that was existing for last few decades). The e voting procedure was practiced with confidence by considerable voters in year 2019 too without any negative concern. The IESL staff also has gained confidence in conducting the election using e voting.

In order to make further improvement to this initiative (which will be an example to many other professional organizations in the country), following amendments are recommended to be adopted for e-voting procedure in year 2020.

- 3.2.1 Members will choose only one method of voting ( either manual voting or e voting)
- 3.2.2 Members who wish to vote in Manual voting will be given the opportunity of voting by paper ballot paper voting system.
- 3.2.3 All such members will have to inform their option to IESL secretariat by 31<sup>st</sup> March 2020
- 3.2.4 IESL secretariat will also send a mail and email to every voters in Jan 2020 asking about their preference.
- 3.2.5 Except for members those who opt for manual voting, all the other members will be given only e-voting option (by default).
- 3.2.6 Depending on the success of this procedure, above system shall be amended as necessary and repeated in subsequent years.

This will not only move our system forward with technological advancement, but save lot of funds and man hours.

- 3.3 Making arrangement to upgrade the member information during the General assembly. Few computers with operators to be made available at the venue during General Assembly for this purpose and members who are attending to be educated on this regard
- 3.4 During the next year membership renewal process, it should be made mandatory to upgrade the members contact information such as mobile phone, email, address. Members should be encouraged to use none corporate email addresses as far as possible.

He also thanked on behalf of the Election officials, the President, the Council, CEO/Executive Secretary and his staff for all the unconditional support extended and the trust placed on them.

President thanked the CRO for presenting the Election report to the House. Based on the recommendation of the CRO's report President also made a request to all members to update their contact information on IESL MIS to facilitate e-voting in next election.

Eng. Ruwan Bandara, stated that the customer service of the service provider for e-voting was very poor.

Eng. Priyal de Silva stated that, the CRO's report should include more statistics such as how many number of members from different categories voted and how many members from different provinces participated in voting, etc; and he said it was the tradition in previous years.

By answering to Eng. Priyal De Silva's question, CRO stated that those details were not included in his report but only the essential data, since there was no standard format for the election report. He also mentioned that said information was available with the Secretariat and he would take necessary actions to make them available to Members.

Eng. L. C. R. De Silva stated that, without finalizing the election procedure it is improper to ask the preference for voting mode from Members and he requested to correct the practice in next year.

#### **6. Appointment of Members to the By-Laws Revision Committee.**

Names of following Members had been proposed to the House for the By- Laws Revision Committee of the session 2019/2020.

1. Eng. A. P. R. De Silva  
(Proposed by Eng. Dimuthu Lakmal and Seconded by Eng. Vipulananda)
2. Eng. M. Zubair  
(Proposed by Eng. B. R.O. Fernando and Seconded by Eng. (Prof.) L. L. Ratnayake)
3. Eng. Arjuna Manamperi  
(Proposed by H. C. J. Thilakeratne and Seconded by Eng. Ruwan Bandara)
4. Eng. Maj. W.M. N. Wasalabandara  
(Proposed by Eng. (Dr.) Kamal Laksiri and Seconded by Eng. Ranjith Gunawardena)
5. Eng. Priyamal Samarathunga  
(Proposed by Eng. Manjula Samarasinghe and Seconded by Eng. Chaminda Weerakoon)
6. Eng. P. Thangamayil  
(Proposed by Eng. Praboda Jinasena and Seconded by Eng. Maj.W.M. N. Wasalabandara)
7. Eng. Manjula Samarasinghe  
(Proposed by Eng. Priyamal Samarathunga and Seconded by Eng. Chaminda Weerakoon)
8. Eng. Sanath Panawennage  
(Proposed by Eng. P. W. Sarath and Seconded by Eng. (Prof.) Ranjith Perera)

It was decided to proceed on for a vote as eight (8) names had been duly proposed and seconded to the house for the By-Law revision committee. The voting was administrated by a team of auditors and accordingly following members were elected based on the number of votes obtained.

1. Eng. A. P. R. De Silva (67 votes –Elected)
2. Eng. Arjuna Manamperi (75 votes –Elected)
3. Eng. W.M. N. Wasalabandara (77 votes –Elected)
4. Eng. Primal Samarathunga (72 votes –Elected)
5. Eng. P. Thangamayil (67 votes –Elected)
6. Eng. Manjula Samarasinghe (78 votes –Elected)

Total 120 number of Members had voted.

**7. Receiving and deliberating upon of the Council and status of the Institution for the session 2018/2019**

Eng. (Dr.) Chandana Gamage stated that, the names of the members of the legal committee appointed by the Council was not included in the Council report. President accepted it as an omission.

Eng. Priyal De Silva stated that, Eng. (Dr.) Tilak Syambalapitiya's name was not included in the Committee appointed to Railway Electrification Project of Ministry of Transport. President accepted it as an omission.

Eng. Dambadeniya, stated that, IESL had not taken any action to include Chartered Engineer qualification as a requirement to be lost adjusters in insurance industry during last 3 years irrespective of his requests. President agreed to forward his request to the relevant committee.

Eng. E. W. Karunarathne requested for an opportunity to explain to the House, an injustice faced by him but President rejected the request, since such an item was not included in the agenda.

**8. Receiving and adopting annual statement of accounts for the period Jan 01<sup>st</sup> 2018 to Dec 31<sup>st</sup> 2018**

Hon. Treasurer presented the audited financial report to the house. Eng. P. W. Sarath proposed and Eng. (Prof.) L. L. Ratnayake seconded, that the statements of accounts were in order.

**9. Appointment of an Auditor for the session 2019/2020**

Name of Ernst & Young was proposed as the auditor for the session 2018/2019 by Eng. (Prof.) L. L. Ratnayake and Eng. B. R. O. Fernando seconded the proposal.

**10. Resolutions duly proposed by the Council**

President presented the following resolution proposed by the Council.

**Resolution 1:**

**Background:**

The intention of the By-law 48.a is to state that a member who has served for more than 3 sessions as a sectional committee chairman is entitled to contest for Vice Presidency provided that he/ she has served a minimum of one year as a 'fellow' during his/her tenure of the office as a sectional committee chairman. As the term of the office is written as 'session' but not as 'full session' (the term 'full session' is used in most of the by-laws), a member who has served for 3 years as a Chairman of a Sectional Committee may submit his/her nomination even without serving one full session as a fellow. This would create a pathway to become a VICE PRESIDENT even if he/ she obtains the fellow membership,



just one day before the nomination date provided that he/she has completed three full session as a sectional committee chairman.

The Council therefore suggests that,

This House resolves that the existing By-law 1 as given below be amended by adding an extra clause to define the term “session” as indicated.

Existing By-law	Proposed By-law
<p>1. In these By-laws, if not inconsistent with the context :</p> <p>i. “The Institution” means the Institution of Engineers, Sri Lanka, incorporated by Act No. 17 of 1968, established as the “Institute of Engineers, Ceylon” in 1956 as successor to the Engineering Association of Ceylon founded in 1906.</p> <p>ii. “The Council” means the Council of the Institution.</p> <p>iii. “Engineering” means all or any of those branches of Engineering science and practice, the advancement of which is recognised by Council, as being within the objects of the Institution as set forth in the Act.</p> <p>iv. “Engineer” means an individual who is engaged in the practice of ‘Engineering’.</p> <p>v. “Secretary” means the Executive Secretary and includes any duly authorised deputy or assistant or any person appointed temporarily by the Council to perform the duties of the Secretary.</p> <p>vi. “Month” means calendar month.</p> <p>vii. “Regulations” means procedures to be followed as formulated by the Council and approved by the Corporate Membership.</p>	<p>1. In these By-laws, if not inconsistent with the context :</p> <p>i. “The Institution” means the Institution of Engineers, Sri Lanka, incorporated by Act No. 17 of 1968, established as the “Institute of Engineers, Ceylon” in 1956 as successor to the Engineering Association of Ceylon founded in 1906.</p> <p>ii. “The Council” means the Council of the Institution.</p> <p>iii. “Engineering” means all or any of those branches of Engineering science and practice, the advancement of which is recognised by Council, as being within the objects of the Institution as set forth in the Act.</p> <p>iv. “Engineer” means an individual who is engaged in the practice of ‘Engineering’.</p> <p>v. “Secretary” means the Executive Secretary and includes any duly authorised deputy or assistant or any person appointed temporarily by the Council to perform the duties of the Secretary.</p> <p>vi. “Month” means calendar month.</p> <p>vii. “Regulations” means procedures to be followed as formulated by the Council and approved by the Corporate Membership.</p>

<p>viii. “Rules” means procedures to be followed as decided by Council.</p> <p>ix. “Prescribed” means prescribed by Regulations, Rules or decisions of the Council.</p> <p>x. “House” means all Corporate Members present at an Annual General Meeting or a Special General Meeting convened in accordance with the By-laws.</p> <p>xi. Words importing the masculine gender include the feminine gender.</p> <p>xii. Words in the singular shall include the plural, and words in the plural, shall include the singular.</p>	<p>viii. “Rules” means procedures to be followed as decided by Council.</p> <p>ix. “Prescribed” means prescribed by Regulations, Rules or decisions of the Council.</p> <p>x. “House” means all Corporate Members present at an Annual General Meeting or a Special General Meeting convened in accordance with the By-laws.</p> <p>xi. Words importing the masculine gender include the feminine gender.</p> <p>xii. Words in the singular shall include the plural, and words in the plural, shall include the singular.</p> <p>xiii. When the duration of a session is in question, both terms ‘session’ and ‘full session’ shall imply the same period which is the duration between two consecutive AGMs of the Institution.</p>
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House unanimously adopted the Resolution.

## **11. Resolutions Proposed by Members**

### **Resolution 1**

Eng. (Dr.) C. D. Gamage Presented the following Resolution to the house and seconded by Eng. (Dr.) M. S. D. Fernando

Resolution to amend the By-law 48 (a) on election of Vice Presidents.

#### **Background to the Resolution**

The current By-law 48 (a) has two defects:

- (1) **Ambiguity:** The By-law states that a corporate member who “has served as a Chairman of a Sectional Committee for 3 sessions of which at least one session as a Fellow” is eligible for election. As the By-law is not explicit as to if this is a full session, a member who has been a

Fellow for just one day even is eligible for election thus completely obviating the purpose of requiring to have been on the Roll as a Fellow of the Institution.

- (2) **Inconsistency:** In the first part, the By-law states that corporate members shall “have been on the Roll as Fellows for more than five (05) years” AND “served in Council at least for two (02) sessions” to be eligible for election.

In the second part, the By-law states that corporate members who have served in Council as a Chairman of a Sectional Committee for three (03) sessions is eligible to be candidates provided they have been on the Roll as Fellows for just one (01) year. Therefore, prima facie, one (01) year as a Chairman of a Sectional Committee has been equated to two (02) years on the Roll as a Fellow (in the best case) or as not requiring to be on the Roll as a Fellow at all (in the worst case when the above noted ambiguity is exploited).

**Resolution**

This House resolves that the existing By-law 48 (a) as given below be amended to read as indicated.

Existing By-law	Proposed By-law
<p>48. a. The Vice Presidents shall be elected by the Corporate Membership from among the Class of Fellows who have been on the Roll as Fellows for more than five (05) years by the time of taking over office as Vice President and served in Council at least for two (02) sessions by the time of taking over office as Vice President OR has served as a Chairman of a Sectional Committee for 3 sessions of which at least one session as a Fellow by the time of taking over office as Vice President. They will hold office for one session provided they have not held this office for five consecutive sessions immediately preceding such appointment.</p>	<p>48. a. The Vice Presidents shall be elected by the Corporate Membership from among the Class of Fellows who have been on the Roll as Fellows for more than five (05) years by the time of taking over office as Vice President and served in Council at least for two (02) full sessions by the time of taking over office as Vice President. They will hold office for one session provided they have not held this office for five consecutive sessions immediately preceding such appointment.</p>

**Observations of the By-laws Revision Committee:**

Committee recommends that the resolution submitted is technically correct and properly formulated. Committee is also of the opinion that said resolution is intending to remove one existing path available to become a Vice President.

**Comments of the Council:**

The Council is in agreement with the recommendations of the By-laws Revision Committee.

Eng. P. Thangamayil was of the opinion that, some of the Members were already aspired to become Vice Presidents by following the path through Sectional Committee Chairman and therefore it is unfair to close the existing path.

Eng. L. C. R De Silva was of ~~in~~ the opinion that in the proposed resolution, the eligibility criteria to become a Vice President should ~~to~~ be amended in such a manner that the term “by the time of taking over office” should be replaced by the term “at the time of closing the nominations”. Eng. Sanath Panawennage was also of the same opinion.

Eng. Samantha Gunawardena and Eng. Suran Fernando were of the opinion that, the Sectional Committee Chairman’s role is clearly defined in the By-laws but not that of the representative Fellows. Based on this condition definitely Sectional Committee Chairmen have more involvements in IESL matters than representative Fellows and therefore it is not reasonable to close the path of becoming a Vice President through the Sectional Committee Chairman path.

Eng. P. W. Sarath stated that some of the Sectional Committees were not active and real involvements of them on IESL activities to be measured on the performance.

Based on the discussion at the House, both proposer and seconder agreed to amend the proposed resolution as follows and amended resolution was floated to the House for vote.

“48.a The Vice Presidents shall be elected by the Corporate Membership from among the class of Fellows who have been on the Roll as Fellows for more than five (05) years at the time of closing the nominations for Vice President and served in Council at least for two (02) full sessions at the time of closing the nominations for Vice President. They will hold office for one session provided they have not held this office for five consecutive sessions immediately preceding such appointment.”

36 votes received for the amended resolution and 75 votes received against the resolution. 120 eligible voters were present in the House at the time of taking the votes. Amended resolution was defeated.

## Resolution 2

Proposer- Eng. Manjula Samarasinghe (M-6340)

Secunder- Eng. Prasad Siriwardhana (M-5283)

Resolution to Change the Number of Members’ Representatives of the Categories of above 40 & below 40 years from Ten (10) to Twelve (12)

### Background to the Resolution

According to the By-law 44, elected office bearers with following compositions are representing the Council each year.

i. The President
ii. Two Past-Presidents
iii. President - Elect

iv. Three Vice-Presidents
v. Honorary Secretary
vi. Honorary Treasurer
vii. Chairmen of Sectional Committees as per By-Law 98
viii. Six Fellows
Ten Members of whom FIVE shall be under 40 years of age at the time of closing of nominations for the election.

1. Every other terms of the council, either two (02) or three (03) representatives only from above 40 and below 40 categories are elected
2. This leads for unfairness for Candidates due to a less opportunity in every other year at the Council election.
3. Contesting for Council under these two categories seems increasing each year compared to all other categories

No	Category	Number of Candidates at the Election			
		2015/16	2016/17	2017/18	2018/19
01	Above 40 years	06	11	7	08
02	Below 40 years	03	03	9	07

4. The compositions of elected office bearers at the council has not increased over the past fifteen (15) years even though the number of corporate membership is on the rise.
5. The above 40 years of age corporate members (except Fellows) representing about 65 % of the total while below 40 representing about 30 % from the membership to date.
6. Therefore, increasing one (01) member from each (above 40 & below 40) will certainly cater at least a certain amount of the demand and will ensure a fair & equal opportunities to all candidate at an election in each year.

**Resolution**

This House resolves that the existing By-law 44 be amended.

This House resolves that the existing By-law 44 as given below be amended to read as indicated.

Existing By-law	Proposed By-law
44. The Council shall consist of the following members:	44. The Council shall consist of the following members:
i. The President	i. The President
ii. Two Past-Presidents	ii. Two Past-Presidents
iii. President - Elect	iii. President - Elect
iv. Three Vice-Presidents	iv. Three Vice-Presidents
v. Honorary Secretary	v. Honorary Secretary
vi. Honorary Treasurer	vi. Honorary Treasurer
vii. Chairmen of Sectional Committees as per By-Law 98	vii. Chairmen of Sectional Committees as per By-Law 98
viii. Six Fellows	viii. Six Fellows

ix. Ten Members of whom FIVE shall be under 40 years of age at the time of closing of nominations for the election.	ix. Twelve (12) Members of whom Six (06) shall be under 40 years of age at the time of closing of nominations for the election.
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**Observations of the By-laws Revision Committee:**

Committee is of the opinion that, the proposed By-law revision will affect By-law 50 and therefore recommends not to proceed with the proposed resolution.

**Comments of the Council:**

The Council is in agreement with the recommendations of the By-laws Revision Committee.

**In the absence of seconder, Chair decided not to take up the resolution for the discussion according to the tradition of the Institution.**

Resolution 3

President stated that, Council obtained the legal opinion on the proposed resolution and he presented the legal opinion to the House.

Re: Legal Opinion

**Legal Position:**

1. The validity of the Resolution in issue has to be considered in the light of three primary documents, viz: the Constitution of the Republic; the IESL Act No. 17 of 1968 as well as the By-Laws of the IESL.
2. Our Constitution guarantees many Fundamental Rights which includes but not confined to the Right to Equality; Freedom of Association; and Freedom of Expression.<sup>1</sup>
3. Thus, as far as the quoted Rights are concerned, the Rights of every citizen to express their free opinions, to be treated equally as any other; to form/ and/ or join any Association are safeguarded.
4. And that includes all Members of the IESL as well as the Council Members.
5. In the circumstances, it is possible for one to argue that, the related Rights of no citizen and in this scenario, no Council Member can be curtailed.
6. Nonetheless, on the other hand as we argue in the Writ Application in the Court of Appeal, the IESL is a collection of private individuals/ professionals.
7. Thus, we have the Right to take any consensual decision as far as our affairs are concerned.
8. Section 5 of the IESL Act too empowers the Council to make the By-Laws *for the management of the affairs of the Institute and the accomplishment of its objects.*<sup>2</sup>

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<sup>1</sup> Chapter II of the Constitution, specifically Articles 10- 17

<sup>2</sup> Section 5 of the IESL Act No. 17 of 1968

9. Thus, the words, *for the management of the affairs of the Institute*, which can be very broadly interpreted, in our opinion covers this area.
10. And Section 3 (f) too, in our opinion permits the Council for such measures since the words, *to regulate the professional activities and to assist in maintaining high standards in the general conduct of its members*; which again gives wide coverage.
11. By-Laws 28<sup>3</sup> and 29<sup>4</sup> too grants wide discretionary powers for the Institute to take up a similar Resolution.
12. By-Laws 29 and 30 reinforces the powers of the Council.<sup>5</sup>
13. By-Laws 31-33 too provide further succor in this regard.
14. By-Laws 60<sup>6</sup> and 61<sup>7</sup> too further consolidate these powers.

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<sup>3</sup> 28. All members are required to order their conduct so as to uphold the dignity, standing and reputation of the Institution.

<sup>4</sup> 29. i. Without prejudice to the generality of the last preceding By-law the Council may for the purpose of ensuring the fulfillment of this requirement, make, amend and rescind Rules to be observed by members with regard to their conduct in any respect which may be relevant to their position or intended position as members of the Institution and may publish directions or pronouncements as to specific conduct which is to be regarded as proper or as improper.

ii. In pursuance of the objectives of the above mentioned clause the Rules of conduct to be observed by the members of the Institution shall be those listed in the Code of Ethics given as Appendix I with the By-laws of the Institution. These Rules of conduct shall be binding on all members of the Institution.

<sup>5</sup> Disciplinary Action

Any member of the Institution against whom an allegation of misconduct is made shall be dealt with by the appointed person/s according to the procedures set out in the Disciplinary Procedure approved by the Council from time to time.

30. For this purpose „misconduct “ shall include but not be limited to the following; i. breach of any By-Laws or Regulations relating to professional conduct or the Code of Ethics or non-observance of Rules, directions or pronouncements made or given thereunder;

ii. holding membership of an institution or body which is engaged in activities detrimental to the objects of IESL;

iii. usage of name affixed with qualifications that are identical or similar to that given by the Institution if such qualifications have been awarded by any other organization which is not upto the professional standing of the Institution. Such misconduct shall be punishable by suspension for a minimum period of 10 years or permanent disenrollment;

iv. impersonation in voting with or without the consent of other voter;

v. any other conduct which is deemed by the Council as improper.

<sup>6</sup> 60. The direction and management of the concerns of the Institution are vested in the Council, subject to the provisions of the By-laws and of all resolutions of General Meetings duly summoned and held in accordance with the By-laws when any such resolution has been duly passed and recorded and signed by the Chairman of that particular meeting.

<sup>7</sup> 61. The decisions of the Council on all matters dealt with by them in accordance with the provisions of the By-laws, Regulations and Rules and of such resolutions as aforesaid, shall be final and binding on all matters.

15. In the circumstances, our opinion is that, the Members of the IESL have the Right to propose and adopt this Resolution as a collection of private individuals/ professionals as far as the majority are agreeable to the same.
16. Nonetheless, it is also our opinion that, the related Resolution thus the related provisions/ By-Laws be drafted in such a way that, every Member should voluntarily inform the IESL with regard to any such litigation they are about to take-up or have been made Respondents, forthwith and that they voluntarily refrain from functioning/ sitting as Council Members until the conclusion of such litigation.

**This opinion is given for your sole benefit and may not be disclosed or relied upon by any other person without our prior written consent.**

Eng. W. M. U. P. Kumara presented the following Resolution to the House and Eng. H. C. J. Thilakerathne seconded it.

Legal actions against the Council

### **Introduction**

There had been many legal actions against the Council in the recent past. These actions have caused a substantial cost to the IESL and at the same time IESL found it difficult to defend the position of the IESL because some of the persons who have instigated legal actions against the Council are its members. The information that should not be passed to the opposing party leaks out from the IESL as some Council members have become the petitioner as well as the respondent, being members of the Council while they are remaining as litigants against the Council.

### **Resolution**

The House resolves that if a sitting member files any litigation and/or gives evidence against the Council in a case where the Council is the opposing party (petitioner or the respondent as the case may be), such Council members shall be suspended from sitting in Council meeting or any other committee meeting conducted by IESL until such litigation is concluded.

### **Comments of the Council:**

The Council seeks legal advice to check whether this resolution violates the Law of the Country.

Eng. P. Thangamayil stated that, the legal opinion was not conveyed to the Members in writing before they participated in the AGM. He was also of the opinion that; the resolution is against the fundamental rights of Sri Lankans given through the constitution of the country.

Eng. Dr. Ananda Ranasinghe stated that, the legal opinion can vary from one lawyer to another lawyer and therefore house should refrain by discussing the legal opinion. He also stated that, the resolution to be discussed should be based on the ethics to be maintained by IESL Members.

Eng. Kosala Kamburadeniya and Eng. Jayantha Ranathunga were also of the opinion that, the resolution is against the constitution of the country.



Eng. (Prof) Dayantha Wijesekera proposed to amend the resolution as follows

Amended resolution

“The House resolves that if a sitting member files any litigation and/or gives evidence against the Council in a case where the Council is the opposing party (petitioner or the respondent as the case may be), such Council members shall be restrained from sitting in Council meeting or any other committee meeting conducted by IESL when that matter discussed until such litigation is concluded.”

Both proposer and seconder agreed to the above amendment and amended resolution was floated to the House for vote.

70 votes received for the amended resolution and 4 votes received against the resolution. 120 eligible voters were present in the House at the time of taking the votes. Amended resolution was Accepted.

#### Resolution 4

Eng. (Mrs.) Shayma H. Gunawardena presented the following Resolution to the House and Eng. (Ms.) Lilani D Ruhunage seconded it.

Resolution to encourage female participation in the IESL Council

#### **Preamble**

The number of Women Engineers in the Institution of Engineers, Sri Lanka (IESL) has reached fifteen percent of its total membership, and the percentage of female corporate members is currently 13.45%. The IESL Council is the body that makes decisions on matters related to the profession, subject to the By-laws and Resolutions of General Meetings. It cannot be denied that the input from the entire cross section of the Corporate members is important in the decision making process for the profession, in order for the profession to develop and achieve the objectives of the IESL. Even though the female engineers do voluntarily participate actively in IESL Section committees and Standing Committees, it is obvious that women’s representation in the IESL Council is difficult to be sustained. Except for the Immediate Past President, there has been no any woman engineering the Council in the current and last session. In the 2019/2020 session, there will be again only ONE female engineer in the Council having 32 members and the President. It is also noteworthy that most Provincial Chapters and District Centers have a fair representation female engineers among the Office Bearers and Committee members.

The world has recognized that females bring something to a team to improve the decisions made. Quoting the American Scientist Dr. Louann Brezandine, herself is a neuro-psychiatrist, in her book called “The Female Brain”, male and female brains are wired very differently. Girls being emotional, sensitive, hyper vigilant, - qualities considered as weaknesses, is actually not a bad thing. Stereotypical female characteristics are actually strengths. Nurturing, tenacious, passionate, supportive and resilient- not so bad, female brains can be so complicated. We are hardwired to identify danger. “The IESL should

capitalize on this major advantage that is available to it, by encouraging women's participation in the Council, where the major decisions are taken for the development of the profession.

### **Resolution**

This House resolves that a concerted effort must be made to encourage female participation in the IESL Council. The details of procedures to be adopted should be developed by the IESL Council for the session 2019/2020 and brought for ratification at the 2020 Annual General meeting.

### **Comments of the Council:**

Without clearly defining the scope, giving timeframe to the Council is not acceptable.

Eng. (Mrs.) Shayma H. Gunawardena, stated that Members should try to allocate at least two Council positions for women engineers and they would bring such a resolution ~~in~~ next time.

Eng. Arjuna Manamperi stated that House should take the spirit of the proposal very seriously and he was of the opinion that the House should support ~~to~~ the resolution.

Resolution was floated to the House for vote. 81 votes received for the amended resolution and 3 votes received against the resolution. 115 eligible voters were present in the House at the time of taking the votes. Amended resolution was Accepted.

### **12. Address by the Outgoing President 2018/2019**

Addressing the House, outgoing President, Eng. (Prof) T M Pallewatta mentioned that during his tenure he was able to discharge his duties as the President of IESL to the expectations of the Members of the IESL. He reminded that at the beginning of the session, he emphasized the need for IESL to adhere to consistent policies, by pledging to propagate the initiatives of his predecessors. Looking back, he felt that the Council Assisted by the IESL Secretariat, was able to further advance along identified thrust areas.

He stated that, in line with preparing the IESL for the implementation of the Engineering Council Act, IESL had continually assisted the newly formed Engineering Council of Sri Lanka (ECSL), chaired by the President Elect and served by six more Chartered Engineers, nominated by the IESL. IESL assisted them by providing physical space, monitory assistance and financial administration. To encourage the Members to register at the ECSL, Council approved the payment of the registration fee for year 2018 for all eligible Members, amounting about Rs. 18 million. He further mentioned that, the ceremonial inauguration of the ECSL office at its new premises was held in the presence of HE the President of Sri Lanka, who declared 17<sup>th</sup> September, be the National Engineers' Day.

He also announced the decision of United Nations to declare 04<sup>th</sup> of March be the World Engineering day while mentioning that for Sri Lankan engineers there are two important days now, 17<sup>th</sup> September be the National Engineers' day and 04<sup>th</sup> March be the World Engineering day.

He further stated that, as a new initiative, Council appointed team was working to develop a national policy on Engineering education. Further, to ensure high knowledge and

intellectual levels required to follow Engineering degree programmes that are intended to be recognized or accredited, IESL had continued to emphasize on the benchmarked entry qualifications.

In order to provide improved service to stakeholders through IESL Secretariat, efficiency and efficacy improvements were deployed through implementation of a new MIS, restructuring of the administrative framework, introduction of KPIs for the staff and relocating the staff to more conducive environment for work.

He also announced that, with said enhancements in place, it was possible to induct during the session, the highest number of Chartered Engineers in the history of the IESL, amounting to 410.

He also thanked all Council Members, staff of the Secretariat, members who served in the Standing, Sectional & other committees, Returning Officers for elections, Provincial Chapter and Overseas Chapter office bearers and all Members of the IESL for the collective support rendered during the session.

**13. Induction of the President for the session 2019/2020**

Eng. (Prof) S. B. S. Abayakoon was inducted as the President for the Session 2018/2019

**14. Address by the President for the session 2019/2020**

Eng. (Prof) S. B. S. Abayakoon expressed his gratitude to all Members for electing him as the IESL President for the session 2019/2020. He assured his best service to IESL to justify the trust that Members placed on him. He invited all Members of IESL to participate in IESL activities more actively. He expressed his willingness to enhance the following areas during the upcoming session and requested the support of the Members to achieve the same.

- Enhancing the ethics
- Redesigning of the role of IESL since it is required with the establishment of Engineering Council Sri Lanka
- Uplifting of Engineering Education
- Restructuring of IESL Secretariat.

**President declared the end of the 113<sup>th</sup> AGM.**

End of Minutes.

Prepared by Hon. Secretary – IESL  
Eng. Mangala Silva

# RESOLUTIONS

## RESOLUTIONS PROPOSED BY THE COUNCIL

This House resolves that the existing By-laws given below be amended as proposed,

Existing By-laws	Proposed By-laws
<b>Interpretation</b>	<b>Interpretation</b>
1. In these By-Laws, if not inconsistent with the context :	1. In these By-laws, if not inconsistent with the context:
1. i. "The Institution" means the Institution of Engineers, Sri Lanka, incorporated by Act No. 17 of 1968, established as the "Institute of Engineers, Ceylon" in 1956 as successor to the Engineering Association of Ceylon founded in 1906.	1. i. "The Institution" means the Institution of Engineers, Sri Lanka, incorporated by Act No. 17 of 1968, established as the "Institute of Engineers, Ceylon" in 1956 as the successor to the Engineering Association of Ceylon founded in 1906.
1. ii. "The Council" means the Council of the Institution.	1. ii. "The Council" means the Council of the Institution.
1. iii. "Engineering" means all or any of those branches of Engineering science and practice, the advancement of which is recognised by Council, as being within the objects of the Institution as set forth in the Act.	1. iii. "Engineering" means all or any of those branches of Engineering science and practice, the advancement of which is recognised by Council, as being within the objects of the Institution as set forth in the Act.
1. iv. "Engineer" means an individual who is engaged in the practice of "Engineering".	1. iv. "Engineer" means an individual who is engaged in the practice of "Engineering".
1. v. "Secretary" means the Executive Secretary and includes any duly authorised deputy or assistant or any person appointed temporarily by the Council to perform the duties of the Secretary.	1. v. "Chief Executive Officer/Executive Secretary" (hereinafter referred to as the "CEO/ES") means a person appointed by the Council to perform the duties of the CEO/Executive Secretary and includes any duly authorised deputy or assistant or any person temporarily appointed by the Council to perform such duties.
	1. vi. "Honorary Secretary" means a Corporate Member duly elected by the Corporate Membership of the Institution or any Corporate Member appointed temporarily by the Council, to perform the duties of the Honorary Secretary
1. vi. "Month" means calendar month.	1. vii. "Month" means a calendar month.
1. vii. "Regulations" means procedures to be followed as formulated by the Council and approved by the Corporate Membership.	1. viii. "Regulations" means procedures to be followed as formulated by the Council and approved by the Corporate Membership, but the same shall not be repugnant to the Act, these By-laws, the Regulations and the Rules.
1. viii. "Rules" means procedures to be followed as decided by Council.	1. ix. "Rules" means procedures to be followed as decided by Council, but the same shall not be repugnant to the Act, these By-laws, the Regulations and the Rules.
1. ix. "Prescribed" means prescribed by Regulations, Rules or decisions of the Council.	1. x. "Prescribed" means prescribed by Regulations, Rules or decisions of the Council.
1. x. "House" means all Corporate Members present at an Annual General Meeting or a Special General Meeting convened in accordance with the By Laws.	1. xi. "House" means all Corporate Members on the roll, present at an Annual General Meeting or a Special General Meeting convened in accordance with the By-laws.
1. xi. Words importing the masculine gender include the feminine gender.	1. xii. Words implying the masculine gender include the feminine gender.
1. xii. Words in the singular shall include the plural, and words in the plural, shall include the singular.	1. xiii. Words in the singular shall include the plural, and words in the plural, shall include the singular, where applicable.
1. xiii. When the duration of a session is in question, both terms "session" and "full session" shall imply the	1. xiv. When the duration of a session is in question, both terms 'session' and 'full session' shall mean the

same period which is the duration between two consecutive AGMs of the Institution.	period from the end of one Annual General Meeting to the end of next Annual General Meeting.
Constitution	
2. i. The Institution shall consist of Fellows and Members all of whom are collectively, referred to, as Corporate Members The Institution may also have attached to it Honorary Fellows, Companions, Associate Members, Affiliate Members, Associates titled Technician Engineers, and Student Members all of whom are collectively referred to as Non-Corporate Members.	2. i. The Institution shall consist of Fellows and Members, all of whom are collectively, referred to, as Corporate Members. The Institution may also have attached to it, Honorary Fellows, Associate Members, Affiliate Members, Companions, Associates and Students, all of whom are collectively referred to as Non-Corporate Members
2. ii. a. The names of all Corporate and Non-Corporate Members shall be, entered in the Roll of the Institution(hereinafter referred to as „the Roll“). The Roll shall be in electronic form and shall contain details pertaining to each Corporate and Non-Corporate member in the form specified by the Council from time to time. A member who changes his name in accordance with established practice shall thereupon inform the Secretary of his new name and the Secretary shall amend the Roll accordingly.	2. ii. The names of all Corporate and Non Corporate Members shall be, entered in two separate Rolls, viz the Roll of Corporate Members of the Institution and the Roll of non-Corporate Members of the Institution. Both Rolls shall contain details pertaining to each Corporate and Non-Corporate member in the form specified by the Council from time to time. A member who changes his name in accordance with established practice shall thereupon inform the CEO/ES of his new name and the CEO/ES shall amend the relevant Roll accordingly, while retaining the earlier name for any future reference. In case of any non-Corporate Member elevated to a Corporate Member, his name in the Non-Corporate members’ Roll shall remain with a remark indicating his elevation of membership. The management of the Rolls shall be as directed and specified by the Council from time to time.
2. ii. b. Corporate Members, whom the Council deems to be duly qualified shall be called Chartered Engineers and entitled to use the abbreviated designation of CEng. The design and the structure of the Roll shall be in conformity with best industry (IT) standards and practices, and they shall ensure its security with provisions, for necessary backups that will ensure security and prevention of data loss.	<i>Addressed in 2.iv</i>
2. ii. c. The management of the Roll shall be as directed and specified by the Council from time to time.	2. ii. c. <i>Moved to 2. ii.</i>
2. iii. a. The Classes of membership shall be as follows: Corporate Member Fellow Member  Non-Corporate Member Honorary Fellow Companion Associate Member Affiliate Member Associate Student Member	2. iii. The Classes of membership shall be as follows: <b>Corporate Members;</b> Life Fellow Fellow Life Members Member  <b>Non-Corporate Members;</b> Honorary Fellow Associate Member Affiliate Member Associate* Companion* Student  * From Session 2020/2021 onwards, there shall be no new admissions to Companion or Associate and both admitted Companions and Associates shall be categorized as “Companion”.
2.iii.b. Corporate Members of the Institution shall be	<i>Addressed in 2.iv.</i>

entitled to the use of the following abbreviated designations appropriate to their class : Fellow – FIE(Sri Lanka) Member – MIE(Sri Lanka)	
2.iii.c. Corporate Members of the Institution who are duly qualified shall be called Chartered Engineers and shall be entitled to the use of the following abbreviated designations appropriate to their class : Fellow – CEng, FIE(Sri Lanka) Member – CEng, MIE(Sri Lanka)	2. iv. Corporate Members of the Institution who are duly qualified shall be called ‘Chartered Engineers’ and shall be entitled to the use of the following abbreviated designations appropriate to their class; Life Fellow and Fellow – CEng, FIE(SL) Life Member and Member – CEng, MIE(SL)
Associate Members shall be entitled to the use of the following abbreviated designation: AMIE(Sri Lanka)	2. v. Associate and Affiliate Members of the Institution who are duly qualified shall be entitled to the use of the following abbreviated designations appropriate to their class; Associate Members - AMIE(SL) Affiliate Members – AfMIE(SL)
Affiliate Members shall be entitled to the use of the following abbreviated designation: AfMIE(Sri Lanka)	<i>Addressed in 2.v.</i>
Associates whom the Council deems to be duly qualified shall be called Technician Engineers and entitled to use the abbreviated designation of : TEng, AIE(Sri Lanka)	<i>Removed</i>
Class of Members 3. Fellows shall comprise every person who has been admitted or transferred into the Class of Fellow as long as his name is on the Roll as such. Every candidate for admission or transfer to the Class of Fellow shall satisfy the Council that he:	<b>Classes of Members</b>
3.i.a. is more than 35 years of age;  3.i.b. is a Member  3.i.c. has had sufficient experience of a nature acceptable to the Council involving at least five years of responsibility in engineering superior to that required for Membership;  3.i.d. is, disregarding temporary unemployment, engaged in the practice of or associated with engineering;  The Council may require any candidate to attend an interview conducted on its behalf in order that he may better satisfy the Council that he possesses the requisite qualifications.  or	3. Fellows shall comprise every person who has been admitted or transferred into the Class of Fellow as long as his name is on the Roll as such. 3.i Every candidate for transfer to the Class of Fellow shall satisfy the Council that; (a) he is more than 35 years of age, (b) he is a Member, (c) he has had sufficient experience of a nature acceptable to the Council involving at least five years in a position of higher responsibility with significant achievements in the field of engineering or a field associated with engineering, to that required for becoming a Member, and  (d) disregarding temporary unemployment, engaged in the practice of or associated with engineering.  3.ii Every proposal for admission or transfer to the Class of Fellow shall be in such a form as the Council may prescribe. This proposal shall be supported by at least Four (04) Corporate Members, not less than Two (02) of whom shall be Fellows, certifying that they recommend the admission of the candidate from personal knowledge of him and that his application is worthy of consideration. However in lieu of, up to Two (02) Corporate members, Two (02) Chartered or Professional Engineers or equivalent, of Institutions recognized by the IESL, may support the application. Such proposal shall be delivered to the

	CEO/ES, who shall submit it to Council for determination whether the candidate is suitable for admission as a Fellow in accordance with the By-laws, Rules and Regulations in force.
<p>3.ii. a. possess a degree in engineering accredited by the Institution or an equivalent qualification accepted by the Institution.</p> <p>3.ii.b. is more than 40 years of age.</p> <p>3.ii.c. is a practicing engineering professional with at least 15 years service after graduation.</p> <p>3.ii.d. has made an outstanding contribution to the development and advancement of engineering profession / industry/ society, towards the benefit of themankind contributing to economic enhancement and recognition to his organization and to the country and has gained such eminence worthy of recognition.</p> <p>3.ii.e. possess such knowledge in his field for active furtherance of the Engineering profession and is a fit person by all means to be enrolled as a Fellow.</p> <p>The Council may invite such candidate to attend a discussion.</p>	<i>Removed</i>
<p>4. Members shall comprise every person who has been admitted into the Class of Member so long as his name is on the Roll as such.</p> <p>4. i. Every candidate for admission or transfer to the Class of Member shall satisfy the Council that he :</p> <p>4.i.a. is more than 25 years of age;</p> <p>4.i.b. has a degree in engineering accredited by the Institution or an equivalent qualification accepted by the Institution.</p> <p>4.i.c. has had sufficient professional engineering training and practical experience as may be prescribed by the Council;</p> <p>4.i.d. has discharged or has shown the capacity to take on professional responsibility as an engineer for a sufficient period of time;</p> <p>4.i.e. has an aggregate of his engineering education, training and professional experience which is not less than <u>eight years</u>;and</p> <p>4.i.f. is at the time of his application (disregarding temporary unemployment) engaged in the practice of or associated with engineering;</p> <p>or</p> <p>4.i.g. has been accepted for admission as a Member through the Mature Engineering Candidates" Route, as per relevant rules. The Mature Engineering Candidates"</p>	<p>4. Members shall comprise every person who has been admitted into the Class of Member so long as his name is on the Roll as such.</p> <p>4.i. Every candidate for admission or transfer to the Class of Member shall satisfy the Council that he;</p> <p>(a.) is more than 25 years of age,</p> <p>(b.) has a degree in engineering recognized by the Institution or an equivalent qualification accepted by the Institution as stated in the Professional Review Rules,</p> <p>(c.) has had sufficient professional engineering training and practical experience as may be prescribed by the Council,</p> <p>(d.) has discharged or has shown the capacity to take on professional responsibility as an engineer for a sufficient period of time,</p> <p>(e.) has minimum of four years training and professional experience after graduation, and</p> <p>(f.) is at the time of his application (disregarding temporary unemployment) engaged in the practice of or associated with engineering.</p> <p>4.ii Every proposal for admission or transfer to the Class of Member shall be made in such a form as the Council may prescribe. This proposal shall be supported by at least Four (04) Corporate Members, certifying that they recommend the admission of the candidate from personal knowledge of him and that his application is worthy of consideration. However in lieu of Two (02) such Corporate members, Two (02) Chartered or Professional Engineers or equivalent, of Institutions recognized by the IESL, may support the application. Such proposal shall be delivered to the</p>

<p>Route will cease to function after December 31, 2010.</p> <p>4.i.h. Has been accepted for Admission as a Member through rules approved by the Council from time to time.</p>	<p>CEO/ES who shall submit it to Council for determination whether the candidate is suitable for admission to the Professional Review Examination in accordance with the By-laws, Rules and Regulations in force.</p> <p>4.iii The Council may require any candidate to attend a Professional Review conducted on his behalf in order that he may better satisfy the Council that he possesses the requisite qualifications.</p>
<p>4.ii. The Council may require any candidate to attend a Professional Review conducted on its behalf in order that he may better satisfy the Council that he possesses the requisite qualifications.</p>	<p><i>Moved to 4.</i></p>
<p>5. Companions shall comprise every person who has been admitted to the Class of Companion so long as his name is on the Roll as such.</p> <p>Every candidate for admission or transfer to the Class of Companion shall be of good education and shall satisfy the Council :</p> <p>5.i. that he is more than 35 years of age :</p> <p>5.ii. that disregarding temporary unemployment, he is engaged in the practice of or associated with engineering;</p> <p>and</p> <p>5.iii. a. that he has attained a position of responsibility as an Engineer;</p> <p>or</p> <p>5.iii.b. that by his connection with engineering or otherwise is qualified to concur with engineers in the advancement of engineering.</p>	<p><i>Removed</i></p>
<p>6. Honorary Fellows shall be distinguished and eminent persons who accept the invitation of the Council to this class of membership.</p>	<p>5. Honorary Fellow shall be a distinguished and eminent person, having an Engineering Degree or an equivalent qualification acceptable to the Council and fulfilling any other requirements stipulated by Council from time to time, who accepts the invitation of the Council to this class of membership.</p>
<p>7. Associate Members shall comprise every person who has been admitted to the Class of Associate Members so long as his name is on the Roll as such.</p> <p>Every candidate for admission or transfer to the Class of Associate Members shall satisfy the Council :</p> <p>i. that he is more than 21 years of age</p> <p>and</p> <p>ii. that he possess a four year full time degree in engineering recognized by the Institution or an equivalent qualification acceptable to the Council.</p>	<p>6. Associate Members shall comprise every person who has been admitted to the Class of Associate Members so long as his name is on the Roll as such.</p> <p>6.i Every candidate for admission or transfer to the Class of Associate Members shall satisfy the Council;</p> <p>(a.) that he is more than 21 years of age</p> <p><b>and</b></p> <p>(b.) that he possess a degree in engineering, obtained by following a four year full time engineering programme recognized by the Institution or an equivalent or higher qualification acceptable to the Council and fulfills any other requirements specified by the Council from time to time.</p>
<p>7A. Affiliate Members shall comprise every person who has been admitted to the Class of Affiliate Members so long as his name is on the Roll as such.</p> <p>Every candidate for admission or transfer to the Class of Affiliate Members shall satisfy the Council :</p> <p>i. that he is more than 21 years of age and</p>	<p>7. Affiliate Members shall comprise every person who has been admitted to the Class of Affiliate Members so long as his name is on the Roll as such.</p> <p>7.i Every candidate for admission or transfer to the Class of Affiliate Members shall satisfy the Council;</p> <p>(a.) that he is more than 21 years of age</p> <p><b>and</b></p>



<p>ii. that he possess a three year full time degree in engineering recognized by the Institution or an equivalent qualification acceptable to the Council</p>	<p>(b.) that he possesses a three year full time degree in engineering technology recognized by the Institution or an equivalent or higher qualification acceptable to the Council and fulfills any other requirements specified by the Council from time to time.</p>
<p>8. Associates shall comprise every person who has been admitted to the Class of Associate so long as his name is on the Roll as such.</p> <p>Every candidate for admission or transfer to the Class of Associate shall satisfy the Council that he;</p> <p>i. is not less than 25 years of age</p> <p>ii. is one who is holding a post of engineer or one equivalent to that of an engineer in a recognised organisation as determined by the Council.</p> <p>and</p> <p>iii. possesses technical qualifications and experience as determined by the Council.</p>	<p><i>Removed</i></p>
	<p>8. Companions shall comprise every person who has been admitted to the Class of Companion so long as his name is on the Roll as such.</p>
<p>9. Students shall comprise every person who has been admitted into the Class of Student so long as his name is on the Roll as such.</p> <p>Every candidate for admission to the Class of Student shall be over 16 years of age. However if he is over 35 years of age he shall have to satisfy requirements given in By-Law.</p>	<p>9. Students shall comprise every person who has been admitted into the Class of Student so long as his name is on the Roll as such.</p> <p>9.i Every candidate for admission to the Class of Student shall satisfy the Council;</p> <p>(a.) that he is more than 18 years of age</p> <p><b>and</b></p> <p>(b.) that he is undergoing a regular course of further education recognized by the Council for the purpose of this By-law and any other requirements specified by the Council from time to time</p> <p><b>or</b></p> <p>(c.) that he has passed such qualifying examination or sections of such examination as may from time to time be accepted by the Council and has Placed himself under the supervision of a Corporate Member of the Institution in a manner acceptable to Council and fulfilling any other requirements specified by the Council from time to time.</p> <p>A person may remain on the Roll as a Student for a maximum period of 10 years.</p>
<p>10. Every candidate for admission as a Student shall satisfy the Council :</p> <p>i. that he has passed such qualifying examination or sections of such examination as may from time to time be accepted by the Council :</p> <p>and</p> <p>ii. a. that he is undergoing a regular course of further education approved by the Council for the purpose of this By-Law;</p>	<p><i>Moved to 9.</i></p>

<p>or b. has indentured himself as an apprentice under the supervision of a Corporate Member of the Institution in a manner acceptable to Council.</p> <p>A person may remain on the Roll as a Student or join the institution as a Student after he reaches the age of 35 years provided he pays the appropriate transfer/entrance fee and annual Subscriptions under By-Law 34.</p>	
<p>Election of Honorary Fellows and Admission, Transfer, Resignation and Removal of Corporate and Non-Corporate Members</p>	<p><i>Addressed in 3</i></p>
<p>11. The election of an Honorary Fellow shall be effected by the Council.</p>	<p><i>Addressed in 3.i</i></p>
<p>12. Every proposal for admission or transfer to the Class of Fellow shall be in such a form as the Council may prescribe. This proposal shall be supported by at least 4 Corporate Members, not less than 2 of whom shall be Fellows, certifying that they recommend the admission of the candidate from personal knowledge of him and that his application is worthy of consideration. However in lieu of 2 Corporate members, 2 Chartered or Professional Engineers or equivalent of Institutions recognized by the IESL, may support the application. Such proposal shall be delivered to the Secretary who shall submit it to Council for determination whether the candidate is suitable for admission as a Fellow in accordance with the By-Laws, Rules and Regulations in force.</p>	<p><i>Addressed in 3.ii</i></p>
<p>13. Every proposal for admission or transfer to the Class of Member shall be in such a form as the Council may prescribe. This proposal shall be supported by at least 4 Corporate Members, certifying that they recommend the admission of the candidate from personal knowledge of him and that his application is worthy of consideration. However in lieu of 2 Corporate members, 2 Chartered or Professional Engineers or equivalent of Institutions recognized by the IESL, may support the application Such proposal shall be delivered to the Secretary who shall submit it to Council for determination whether the candidate is suitable for admission to the Professional Review Examination in accordance with the By-Laws, Rules and Regulations in force.</p>	<p><i>Addressed in 4.ii</i></p>
<p>14. a. A list of those candidates who are accepted for admission to the Professional Review Examination conducted by the Institution, or who are exempted therefrom shall be circulated among Corporate Members at appropriate times during the year. After the lapse of at least one month after the issue of such lists, during which time the Secretary will be prepared to receive for report to the Council, communications respecting the qualifications or character of any candidate, and provided the candidate is successful at the related Professional Review Examination, the</p>	<p>10.A list of those candidates whom the Council has decided as eligible for admission as Fellows, shall be published and circulated among the Corporate Membership. After the lapse of at least Twenty Eight (28) days from the date of such publication, the CEO/ES shall prepare a report to Council on any adverse responses received in respect of qualifications and/or character of any candidate. Any candidate who does not have any adverse reports against them and have satisfactorily qualified at the interview, deemed to be fit and proper persons to</p>

Council shall declare the candidate admitted.	become Fellows shall be declared by the Council as admitted to the class of Fellows.
14.b. A list of those candidates whom the Council has decided as eligible for admission as Fellows under By-Law 12 shall be published and circulated to all Corporate Members. After the lapse of at least two weeks from the date of such publication, during which time the Secretary will be prepared to receive for report to the Council, communications respecting the qualifications or character of any candidate, the Council if satisfied that he is a fit and proper person to become a Fellow shall declare the candidate admitted.	11.A list of those candidates who are accepted by the Council for admission to the Professional Review Examination, or who are exempted therefrom, shall be circulated among the Corporate Membership at appropriate times during the year. After the lapse of at least Twenty Eight (28) days from the circulation of such lists, the CEO/ES shall prepare a report to the Council on any adverse responses received in respect of qualifications and/or character of any candidate. Candidates who are successful at the relevant Professional Review Examination and who do not have any adverse reports against them, shall be declared by the Council as admitted to the class of Members.
15. Admission to the Class of Companions, Associate Members, Affiliate Members, Associates and Students of persons qualified in accordance with By-Laws 5, 7, 7A, 8 and 9 respectively shall be by the Council in accordance with the conditions set forth in the By-Laws, Rules and Regulations.	12. Admission to the Classes of Associate Members, Affiliate Members and Students, from persons qualified in accordance with By-Laws 6, 7, and 9 respectively shall be by the Council in accordance with the conditions set forth in the By-laws, Rules and Regulations.
16. Every proposal for admission or transfer shall contain an undertaking signed by the candidate to the effect that he will conform to the By-Laws, Rules and Regulations in force or as may be in force from time to time and that he will promote the aims and objects of the Institution. The proposal shall be accompanied by the prescribed fees and subscriptions.	13. Every proposal for admission or transfer shall contain an undertaking signed by the candidate to the effect that he will conform with the By-laws, Rules, Regulations and be acquainted with the Code of Ethics, Guidelines of Professional Conduct and Disciplinary Procedure in force or as may be in force from time to time and that he will promote the aims and objects of the Institution. The proposal shall be accompanied by the prescribed fees and subscriptions.
17. It shall be a condition of the admission or transfer of every member that his proposal contains no untrue or misleading statement relating to himself; the admission of any such member may be annulled by a resolution of the Council, if after due inquiry the Council is satisfied that the particulars given in the proposal were in some respect incorrect or misleading, or if an inquiry instituted by Council reveals that prior to election the member had been guilty of conduct unworthy of a member of the Institution.	14. It shall be a condition of the admission or transfer of every Candidate that his proposal contains no untrue or misleading statements relating to himself. The admission of any member may be annulled by a resolution of the Council, if after due inquiry the Council is satisfied that the particulars given in the proposal were in some respect incorrect or misleading, or if an inquiry instituted by Council reveals that prior to admission, the Candidate had been guilty of conduct unworthy of a member of the Institution or to be enrolled as a member of this Institution.
18. Every person duly admitted or transferred as a member shall be so informed and his name entered on the Roll.	15. Every person duly admitted or transferred to any class of membership shall be so informed and his name entered on the relevant Roll as per By-law 2.
19. Every Corporate Member, every Associate Member, every Affiliate Member and every Associate who has been admitted to respective membership shall receive an appropriate certificate in English, with a translation in Sinhala or Tamil, if requested. This certificate will remain the property of the Institution and in the event of the holder ceasing to be a member, shall on request be returned to the Institution.	16. Every Corporate Member, every Associate Member and every Affiliate Member, who has been admitted to respective membership, shall receive an appropriate certificate in English, with a translation in Sinhala or Tamil, if requested. This certificate will remain the property of the Institution and in the event of the holder ceasing to be a member, shall on request be returned to the Institution.
20. Every Corporate Member after admission, shall if he so desires, at the first ordinary meeting at which he is present, be introduced by the President or Chairman of such meeting.	17. Every Corporate Member after admission, shall if he so desires, at the first ordinary meeting at which he is present, be introduced by the President or Chairman of such meeting.

21. A member may by notice to the Secretary in writing inform the Council of his desire to resign his membership after payment of all dues. The Council may accept such resignation or take such other action as it deems fit.	18.A member may, by notice to the CEO/ES in writing, inform the Council of his desire to resign his membership after payment of all dues. The Council may accept such resignation or take such other action as it deems fit.
	<b>Privileges of Corporate Members</b>
	19.Corporate Members may partake in the educational and learned society activities. They shall have voting rights on any issue/issues where the decisions are binding.
<b>Privileges of Non-Corporate Members</b>	<b>Privileges of Non-Corporate Members</b>
22. Non-Corporate Members may partake in the educational and learned society activities. They shall not have voting rights at Elections to Council or in issues affecting the conduct of the affairs of the Institution.	20.Non-Corporate Members may partake in the educational and learned society activities. They shall neither have voting rights at Elections to Council nor in issues affecting the conduct of the affairs of the Institution.
<b>Examinations</b>	<b>Examinations</b>
23. The Council shall conduct for approved candidates „The Institution Examinations“ according to rules prescribed from time to time.	21.The Council shall conduct ‘The Institution Examinations’ for eligible candidates according to rules prescribed from time to time.
24. i. The Council may from time to time recognise such University degrees or other similar qualifications as after scrutiny it deems suitable for exemption from the whole or part of the Institution Examinations.  ii. The Council may at anytime withdraw recognition of any such qualification.	22.The Council may from time to time recognise such University degrees programmes or other similar qualifications after scrutiny, as deemed suitable for exemption from the whole or part of the Institution Examinations which too requires to be reviewed and recognised at regular intervals by the Council.
25. The Council may in its discretion permit persons not otherwise qualified under By-laws 4 and 7 to sit the Institution Examinations.	23.The Council may at its discretion permit persons not otherwise qualified under By-laws 4, 6 and 7 to sit the Institution Examinations.
<b>Professional Conduct</b>	<b>Professional Conduct (refer Guidelines to Professional Ethics)</b>
26. A Corporate Member practicing in partnership with any person who is not a Corporate Member of the Institution shall not use or permit to be used after the title of such Firm the designation “Chartered Engineers”, or describe or permit the description of such Firm in any way as “Chartered Engineers”	24.A Corporate Member practising in partnership with any other person/s who is/are not Corporate Member/s of the Institution shall not use or allow the use after the title of such Firm the designation “Chartered Engineers”, or describe or permit the description of such Firm in any way as “Chartered Engineers” unless otherwise all members in the partnership shall be Corporate Members of the Institution.
27. No person who has ceased to be on the Roll shall make use of any designation implying connection with the Institution.	25.No person who has ceased to be on the Roll shall make use of any designation or abbreviation that implies any connection with the Institution.
28. All members are required to order their conduct so as to uphold the dignity, standing and reputation of the Institution.	26.All members are required to order their conduct to uphold the dignity, standing and reputation of the Institution.
29. i. Without prejudice to the generality of the last preceding By-law the Council may for the purpose of ensuring the fulfillment of this requirement, make, amend and rescind Rules to be observed by members with regard to their conduct in any respect which may be relevant to their position or intended position as members of the Institution and may publish directions or pronouncements as to specific conduct which is to be regarded as proper or as improper.  ii. In pursuance of the objectives of the above mentioned clause the Rules of conduct to be	27.  i. Without prejudice to the generality of the By-law 26 the Council may for the purpose of ensuring the fulfillment of this requirement, make, amend and rescind Rules to be observed by members with regard to their conduct in any respect which may be relevant to their position or intended position as members of the Institution.  ii. In pursuance of the objectives of the above-mentioned clause the Rules of conduct to be observed by the members of the Institution shall be

observed by the members of the Institution shall be those listed in the Code of Ethics given as Appendix I with the By-laws of the Institution. These Rules of conduct shall be binding on all members of the Institution.	those listed in the Code of Ethics given as Appendix I with the By-laws of the Institution. This Code of Ethics shall be binding on all members of the Institution.
Disciplinary Action	<b>Disciplinary Action (refer Disciplinary Procedure and Code of Ethics)</b>
	28. The Council at its first meeting of each Session, shall nominate Eight Fellows including two Past Presidents to constitute a Disciplinary Panel from whom a Disciplinary Committee shall be appointed for investigating any allegation of misconduct made against any member of the Institution.
Any member of the Institution against whom an allegation of misconduct is made shall be dealt with by the appointed person/s according to the procedures set out in the Disciplinary Procedure approved by the Council from time to time.	<i>Moved to 31.</i>
	29. A Disciplinary Committee shall comprise three Fellows, at least one of whom shall be a Past President, nominated by the Council from the Disciplinary Panel. The Council shall determine the terms of reference of such Disciplinary Committee and shall also nominate a Chairman.
30. For this purpose "misconduct " shall include but not be limited to the following;  i. breach of any By-Laws or Regulations relating to professional conduct or the Code of Ethics or non-observance of Rules, directions or pronouncements made or given thereunder;  ii. holding membership of an institution or body which is engaged in activities detrimental to the objects of IESL;  iii. usage of name affixed with qualifications that are identical or similar to that given by the Institution if such qualifications have been awarded by any other organization which is not upto the professional standing of the Institution. Such misconduct shall be punishable by suspension for a minimum period of 10 years or permanent disenrollment;  iv. impersonation in voting with or without the consent of other voter;  v. any other conduct which is deemed by the Council as improper.	30. For the purpose of disciplinary action 'misconduct ' shall include but not be limited to the following; (i.) breach of any By-laws or Regulations relating to professional conduct or the Code of Ethics or non-observance of Rules, directions or pronouncements made or given thereunder, (ii.) holding membership of an institution or body which is engaged in activities detrimental to the objects of IESL as determined by the Council, (iii.) usage of name affixed with qualifications that are identical or similar to that given by the Institution if such qualifications have been awarded by any other organization which is not up to the professional standing of the Institution. Such misconduct shall be punishable by suspension for a minimum period of 10 years or permanent dis-enrollment, (iv.) impersonation in voting with or without the consent of other voter; (v.) any other conduct which is deemed by the Council as improper.
31. The Council may from time to time, i. set up a Disciplinary Committee comprising three Fellows at least one of whom shall be a Past President to investigate and report to Council on any allegation of improper conduct on the part of a member ;  ii. determine the terms of reference of such Disciplinary Committee.	<i>Moved to 32.</i>

<p>If the Disciplinary Inquiry is against the President or the President Elect, all of the three members of the Disciplinary Committee shall be Past Presidents. The Council may select these three Past Presidents from outside the Panel selected at the beginning of the session.</p>	
<p>32. Any member against whom an allegation of improper conduct has been made and who, in the opinion of the Council, based on the findings of a Disciplinary Committee set up under By-law 31 is guilty of such conduct shall be liable to such penalties as the Council may determine in accordance with By-law 33.</p>	<p>31. Any member, against whom an allegation of misconduct has been made and who, in the opinion of the Council, based on the findings of a Disciplinary Committee set up under By-law 30 is guilty of such misconduct, shall be liable to such penalties as the Council may determine in accordance with By-law 32</p>
<p>33. Any member against whom a complaint is received by the Council shall be informed in writing by the President of the Institution of the alleged complaints and shall be given an opportunity to vindicate himself of the charges. If the member concerned is President himself, he shall be informed in writing by the President-Elect or in his absence a Vice President elected for this purpose by the Council, on a decision of the Council, of the alleged complaints and shall be given an opportunity to vindicate himself of the charges.</p> <p>If the member is unable to vindicate himself his case will be referred by the Council to the Disciplinary Committee for investigation and report to Council.</p> <p>The Council may by resolution expel or suspend for any period from membership, reprimand, admonish or otherwise penalize/punish any member found guilty of improper conduct. Where any member has been suspended or otherwise penalized/punished by the Council, the Council shall state the period for which such punishment shall be effective depending on the gravity of the offence the member has been found guilty of. The Council may direct that such member shall make a contribution towards the expenses of the hearing before the Disciplinary Committee.</p> <p>A member shall not be expelled except by a majority decision taken at a meeting of the Council at which at least two thirds of the membership of the Council is present.</p>	<p>32. Any member against whom a complaint is received by the Council shall be informed in writing by the President of the Institution of the alleged complaints and shall be given an opportunity to vindicate himself of the charges. If the member concerned is President himself, he shall be informed in writing by the President-Elect or in his absence a Vice President elected for this purpose by the Council, on a decision of the Council, of the alleged complaint and shall be given an opportunity to vindicate himself of the charges.</p> <p>If the member is unable to vindicate himself his case will be referred by the Council to the Disciplinary Committee for investigation and report to Council.</p> <p>The Council may by resolution expel or suspend for any period from membership, reprimand, admonish or otherwise penalize/punish any member found guilty of misconduct. Where any member has been suspended or otherwise penalized/ punished by the Council, the Council shall state the period for which such punishment shall be effective depending on the gravity of the offence the member has been found guilty of. The Council may direct that such member shall make a contribution towards the expenses of the hearing before the Disciplinary Committee.</p> <p>A member shall not be expelled or debarred from holding office in Council except by a majority decision taken at a meeting of the Council at which at least two thirds of the membership of the Council is present.</p>
<p><b>Subscriptions</b></p>	<p><b>Subscriptions</b></p>
<p>34. i. The Annual Subscriptions and Entrance Fees payable by members shall be at rates proposed by the Council from time to time and passed in General Meeting in terms of By-law 86(b). It shall be the responsibility and duty of members to ensure that their annual subscriptions remain paid upto date.</p> <p>ii. The transfer fee payable by a member shall be half the transfer fee to the higher class provided he has been a member for at least three years in the appropriate lower class.</p>	<p>33.</p> <p>(i.) The Annual Subscriptions and Entrance Fees payable by members shall be at rates proposed by the Council from time to time and passed in a General Meeting in terms of By-law 89. It shall be the responsibility and duty of members to ensure that their annual subscriptions remain paid up to date as per By-laws 36 and 38.</p> <p>(ii.) The transfer fee payable by a member shall be half the normal transfer fee to the higher class provided he has been a member for at least three years in the appropriate lower class.</p>

<p>35. A Corporate Member or Companion or Associate may continue in his respective class at half rates of subscription on reaching the age of 60 years provided he has been a subscription paying member for a minimum period of 30 years.</p>	<p>34.</p> <p>(i.) A Corporate Member or Associate Member, or Affiliate Member or Companion may continue in his respective class at half rates of subscription on reaching the age of 60 years provided he has been a subscription paying member for a minimum period of 30 years.</p> <p>(ii.) A Corporate Member or Associate Member, or Affiliate Member or Companion on completion of 40 years of membership in one or several classes on paying subscriptions of the Institution, shall be eligible for election by Council to Life Membership in the respective class and shall on such election not be required to pay annual subscriptions subsequently.</p> <p>(iii.) A candidate for admission to the class of Associate Member or Affiliate Member, who makes his application within one year of obtaining the required qualifications shall not be required to pay subscription fee for the year of applying. He shall pay only the entrance fee or the transfer fee as applicable. However, the normal subscriptions shall be paid from the 2nd year of membership.</p>
<p>36. a. A Corporate Member or Companion or Associate on completion of 40 years of membership of the Institution shall be eligible for election by Council to Honorary Life Membership in the respective class and shall on such election not be required to pay annual subscriptions.</p>	<p><i>Moved to 34.</i></p>
<p>36.b. i. A candidate for admission to the class of Associate Members or Affiliate Members who makes his application within one year of obtaining the required qualifications shall not be required to pay subscription fee for the year of applying. He shall pay only the entrance fee or the transfer fee as applicable. However, the normal subscriptions shall be paid from the 2nd year of membership.</p>	<p><i>Moved to 34.</i></p>
<p>36.b. ii. A candidate for admission to the class of Student Member, shall not be required to pay subscription fee in the first year of membership. He shall pay only the entrance fee or the transfer fee as applicable. However, the normal subscriptions shall be paid from the 2nd year of membership.</p>	<p><i>Removed</i></p>
<p>(Note : The above exemptions from subscription fee shall be valid only for the period January 1, 1996 to December 31, 1996 in the first instance and shall be extended by Council if the scheme proves successful in attracting larger numbers in to these categories of membership.)</p>	<p><i>Removed</i></p>
<p>37. Annual subscriptions are due on 1st January of each year for the year then commencing. If subscriptions are not paid by 31st October of an year, names of such members shall be removed from the Roll of members, after giving a period of one month's notice, by letter sent by Registered Post. The acceptance of annual subscriptions from a person who has ceased to be a member shall not create any</p>	<p>35. Annual subscriptions for each year shall be paid on or before 31<sup>st</sup> December of the previous year. Names of members who have not paid their subscriptions by the 31<sup>st</sup> of December of the previous year shall be removed from 1<sup>st</sup> of January of the relevant year, from the applicable Roll of membership.</p> <p>The acceptance of annual subscriptions from a</p>

presumption as to membership of the Institution. Re-instatement shall be in accordance with By-law 42.	person who has ceased to be a member shall not create any presumption as to membership of the Institution. Re-instatement shall be in accordance with By-law 40.
38. Any member admitted after the 1st of July of an year shall be called upon to pay only half the annual subscription for that year.	36. Any member admitted after the 1 <sup>st</sup> of July of a year shall be called to pay only half the annual subscription for that year.
39. Every member shall be liable for the payment of his annual subscription until he has signified to the Secretary in writing his desire to resign having previously paid all arrears, including the subscription for the year current at the date of his notice, or until he has forfeited his right to remain in or be attached to the Institution.	37. Every member shall be liable for the payment of his annual subscription until he has informed the CEO/ES in writing his desire to resign having previously paid all arrears, including the subscription for the current year as at the date of his notice, or until he has forfeited his right to remain in or be attached to the Institution.
40. Every member on transfer to another class shall pay the full subscription for the year current for that class and any subscription he may have already paid for that year shall be accounted as part payment thereof.	38. Every member on transfer to another class shall pay the full subscription for the current year for that class and any subscription he may have already paid for that year shall be accounted as part payment thereof.
41. In the case of any Corporate Member or Companion or Associate whose earning capacity has been adversely affected by ill-health, advanced age, or otherwise the Council may, at its discretion, waive the subscriptions which may be due.	39. In the case of any Corporate Member or Associate Member, or Affiliate Member or Companion whose earning capacity has been adversely affected by ill-health, advanced age or otherwise, the Council may at its discretion, waive the subscriptions which may be due.
<b>Re-instatement of former members</b>	<b>Re-instatement of former members</b>
42. Any application for re-instatement as a member shall be examined and reported upon by a Committee appointed by Council. The member so applying shall be liable to pay the arrears of subscription due at the time his name was removed from the Roll. Council may re-instate the applicant under such terms and conditions as it deems fit. In addition to any penalties which the Council may impose at its discretion in special cases, the member upon re-instatement may be called upon to pay the total of annual subscriptions covering the period when his name was off the Roll. He will not be entitled to any publications for the period when his name was off the Roll.	40. Any application for re-instatement as a member shall be examined and reported upon by a Committee appointed by Council. The member so applying shall be liable to pay the arrears of subscription due at the time his name was removed from the relevant Roll. Council may re-instate the applicant under such terms and conditions as it deems fit. In addition to any penalties which the Council may impose at its discretion in special cases, the member upon re-instatement may be called upon to pay the total of annual subscriptions covering the period when his name was off the relevant Roll. He will not be entitled to any publications for the period when his name was off the relevant Roll.
<b>The Officers</b>	<b>The Officers</b>
43. The Officers of the Institution shall be the President, the Immediate Past President, the President – Elect, the three Vice Presidents, the Honorary Secretary, the Honorary Treasurer and the Executive Secretary.	41. The Officers of the Institution shall be the President, the Immediate Past President, the President – Elect, the three Vice Presidents, the Honorary Secretary, the Honorary Treasurer and the CEO/ES.
<b>The Council</b>	<b>The Council</b>
44. The Council shall consist of the following members : i. The President ii. Two Past-Presidents iii. President – Elect iv. Three Vice-Presidents v. Honorary Secretary vi. Honorary Treasurer vii. Chairmen of Sectional Committees as per By-Law 98. viii. Six Fellows ix. Ten Members of whom FIVE shall be under 40 years of age at the time of closing of nominations for the election.	42.i The Council shall consist of the following members: <ul style="list-style-type: none"> <li>• President</li> <li>• Two (02) Past Presidents (Immediate Past President and Elected Past President)</li> <li>• President - Elect</li> <li>• Three (03) Vice Presidents</li> <li>• Honorary Secretary</li> <li>• Honorary Treasurer</li> <li>• Chairmen of Sectional Committees as per By-law 49 and 50</li> <li>• Six (06) Fellows</li> <li>• Ten (10) Members of whom Five (05) shall be</li> </ul>



	<p>under 40 years of age at the time of closing of nominations for the election.</p> <p>42.ii The Council shall be elected by the Corporate Membership. The Elections to Council shall be completed Twenty Eight (28) days before the Annual General Meeting each year where the Annual General Meeting shall be held as per By-law 89</p> <p>42.iii At the commencement of a new session the President Elect of the previous session shall assume the Presidency-</p> <p>42.iv The Council shall be responsible to the Membership for conducting the affairs of the Institution in conformity with the Act and the By-laws currently in force.</p>
<p>45. a. The Council shall hold office from the assumption of office following one Annual General Meeting, to the end of the next Annual General Meeting, which period shall be deemed to be a Session.</p>	<p>43.</p> <p>(i.) The Incoming Council shall hold office from the end of the AGM of the current session to the end of the Annual General Meeting of the subsequent session for which the Council has been elected.</p> <p>(ii.) If a situation arises where a Council cannot function due to an insufficiency of Members of Council in office to form a quorum, then the President, if he is in office, or the President Elect or the most recent Past-President available, Honorary Secretary, for the purpose of this By-law, or the CEO/ES shall convene a Special General Meeting to fill vacancies in Council for the remainder of the Session. Such appointments will be deemed to have been made under By-law 60</p>
<p>45.b. If a situation arises where a Council cannot function due to an insufficiency of Members of Council in office to form a quorum, then the President, if he is in office, or the President Elect or the most recent Past-President available for the purpose of this By-law, or the Executive Secretary shall summon a Special General Meeting to fill vacancies in Council for the remainder of the Session. Such appointments will be deemed to have been made under By-law 59.</p>	<p><i>Moved to 43.</i></p>
	<p><b>Elections</b> (refer the Elections Rules for the particular year)</p>
<p>46. a. President-Elect shall be elected by the Corporate Membership from among those who have held office as Vice President for at least one full Session at the time of closing of nominations for the election. The President Elect shall hold office in Council for one full Session and shall assume the post of President at the end of the Session. In the event where the President Elect is incapacitated to hold office for whatever reason, an election shall be held to replace him from among the general membership who is qualified to hold such office as above.</p>	<p>44.i President-Elect shall be elected by the Corporate Membership from among those who have held office as Vice President for at least one full Session at the time of closing of nominations for the election. The President-Elect shall hold office in Council for one full Session and shall assume the post of President at the beginning of the next session.</p> <p>44.ii In the event where the President-Elect is permanently unable to hold office for whatever reason, an election shall be held to replace him, by a member who is qualified to hold such office, from among the general membership, and shall assume the office of President at the beginning of the next</p>

	<p>session.</p> <p>44.iii In the event the President is permanently unable to hold office for whatever reason, President Elect will act for him for the remaining duration of the Session, and shall assume the office of President at the beginning of the next session.</p>
<p>46.b. For the session 1999/2000, a President shall also be elected by the Corporate Membership, from among those who have held office as Vice President.</p>	<p><i>Removed</i></p>
<p>47. In the absence of the President, the President Elect or in his absence the Senior Vice President shall officiate as President. The order of seniority of Vice-Presidents shall be in accord with the duration of their tenure of that office.</p> <p>In the event of seniority not being established in this manner, Council shall determine seniority for the particular Session.</p>	<p>45.i In the absence of the President, the President - Elect or in his non-availability, the Immediate Past President, failing whom the Elected Past President, failing whom Vice Presidents in their seniority order shall act for him.</p> <p>45.ii The order of seniority of Vice Presidents shall be in accordance with the duration of their tenure of that office.</p> <p>45.iii In the event of seniority not being established in this manner, Council shall determine seniority for the particular Session.</p>
<p>48. a. The Vice Presidents shall be elected by the Corporate Membership from among the Class of Fellows who have been on the Roll as Fellows for more than five (05) years by the time of taking over office as Vice President and served in Council at least for two (02) sessions by the time of taking over office as Vice President OR has served as a Chairman of a Sectional Committee for 3 sessions of which at least one session as a Fellow by the time of taking over office as Vice President. They will hold office for one session provided they have not held this office for five consecutive sessions immediately preceding such appointment.</p>	<p>46. By-law 46. (i.) shall be in effect for Sessions up to and including Session 2023/2024.</p> <p>(i.) The Vice Presidents will hold office for one Session provided that they have not held this office for five (05) consecutive Sessions immediately preceding such appointments. They shall be elected by the Corporate Membership from among the Class of Fellows,</p> <p>(a.) who have been on the Roll as Fellows for more than five (05) years at the time of closing of nominations and served in Council at least for two (02) sessions by the time of closing of nominations,</p> <p><b>or</b></p> <p>(b.) have served as a Chairman of a Sectional Committee for three (03) Sessions of which at least one (01) Session as a Fellow by the time of closing of nominations.</p> <p>By-law 46. (ii.) shall be in effect for Sessions from and including Session 2024/2025.</p> <p>(ii.) The Vice Presidents will hold office for one Session provided that they have not held this office for five (05) consecutive Sessions immediately preceding such appointment. They shall be elected by the Corporate Membership from among the Class of Fellows,</p> <p>(a) who are on the Roll as Fellows for more than five (05) years at the time of closing of nominations, and served in Council for at least four (04) Sessions (with an accumulated average attendance of at least 60% at Council meetings) of at least two (02) Sessions as a</p>

	<p>Fellow, and has served in at least two different standing committees during last two Sessions and having an accumulated average attendance at standing committees of at least 60% during the last two Sessions at the time of closing of nominations.</p> <p><b>Or</b></p> <p>(b) have served as a Chairman of a Sectional Committee for three (03) Sessions of which at least two (02) Sessions as a Fellow (with an accumulated average attendance of at least 60% at Council meetings) and has served in at least two different standing Committees during last two Sessions and having an accumulated average attendance at standing committees of at least 60% during the last two Sessions at the time of closing of nominations.</p>
<p>48. b. No one who has held the office of President for a full term or part thereof (other than acting for the President) shall be eligible to hold the offices of Vice President, President Elect or President.</p>	<p>47. Those who have held the office of President for a full term or part thereof (other than acting for the President) shall only be eligible to hold the offices of Immediate Past President and Elected Past President and on invitation, the Chairman of the Board of Trustees.</p> <p>One Past President resident in Sri Lanka and continuing as a member of the Institution will be elected by the Corporate Membership as a member of the Council for a Session. The out-going President shall be the other Past President in Council, provided he is also resident in Sri Lanka and continues to be a member of the Institution. If for any reason the out-going President ceases to be a member of the Council or is unable to perform in Council, the Council is empowered to fill his vacancy by nominating another Past President.</p>
<p>49. One Past-President resident in Sri Lanka and continuing as a member of the Institution will be elected by the Corporate Membership as a member of the Council. The out-going President shall be the other Past-President in Council, provided he is also resident in Sri Lanka and continues to be a member of the Institution. If for any reason the out-going President ceases to be a member of the Council or is unable to perform in Council, the Council is empowered to fill his vacancy by nominating another Past-President.</p>	<p><i>Moved to 47.</i></p>
<p>50. Six Fellows and ten members shall serve on Council for two consecutive sessions at a time and shall be elected by the Corporate Members. 3 Fellows and 5 Members shall retire at the end of their two sessions term (except during the course of the first Session after these By-Laws come into force, the Council shall choose by the drawing of lots the name of 1 Fellow who is to vacate his seat in Council at the end of the first Session).</p>	<p>48. Fellows and Members shall be elected by the Corporate Membership from among the Corporate Members and shall serve on Council for two (02) consecutive Sessions at a time, as per the requirement in By-law 42.</p> <p>Composition of the Council shall be such that there will be Three (03) Fellows and Five (05) Members in a Session continuing from the previous Session.</p>
	<p>49. The Honorary Secretary and Honorary Treasurer shall be elected by the Corporate Membership from among the Corporate Members and shall hold office</p>

	<p>for one Session. No person shall hold office as Honorary Secretary or Honorary Treasurer for more than three (03) consecutive Sessions.</p>
	<p>50. The Chairmen, of the Sectional Committees listed below, shall be elected by the Corporate Membership from among the Corporate Members and shall hold office for one session.</p> <p>No person shall hold the office of a Chairman of a Sectional Committee for more than three (03) consecutive Sessions.</p> <p>The Sectional Committees are;</p> <ul style="list-style-type: none"> <li>• Civil Engineering</li> <li>• Mechanical Engineering</li> <li>• Electrical, Electronic &amp; Telecommunication Engineering</li> <li>• Agricultural &amp; Plantation Engineering</li> <li>• Chemical and Process Engineering</li> <li>• Building Services Engineering</li> <li>• Information Technology &amp; Computer Engineering</li> </ul>
<b>Elections</b>	<b>Elections</b>
<p>51. All elections to Council in accordance with By-laws 46,48,49,50,71,73 and 98 shall be for the terms as specified in the relevant By-laws. Any vacancy during a Session in any position in Council shall be filled without undue delay in accordance with By-law 59(i).</p>	<p>51.</p> <p>(i.) All elections to Council in accordance with By-laws 44, 46, 47, 48, 49 and 50 shall be for the terms as specified in the relevant By-laws. Any vacancy during a Session in any position in Council shall be filled without undue delay in accordance with By-law 60.</p> <p>(ii.) Eligibility criteria for nominations shall have been fulfilled by the candidates at the time of closing of nominations for the election.</p> <p>(iii.) A Corporate member is eligible to contest for the Council for a session, provided that at the time submitting nominations, he is a Citizen of Sri Lanka and domiciled in Sri Lanka during the Session and subject to stipulations by the Council from time to time as Election Rules in addition to the requirements mentioned in By-Laws 44 to 50. A Corporate Member, who is qualified and eligible for the election for a particular post in the council, may seek election to one post only at an election.</p> <p>(iv.) A Continuing Member of the Council under By-law 48 shall not be eligible to contest another post unless he resigns from the current post to be made effective at the end of the current session. A member who has been found guilty of misconduct by the Council shall also not be eligible to contest any post or sit in the Council.</p> <p>(v) Each candidate shall be nominated by Four (04) Corporate Members in a composition stipulated in the Election Rules. In the case of Chairmen of Sectional Committees each candidate shall be nominated by Four (04) Corporate Members of the respective discipline.</p>

	<p>(vi.) The nomination papers shall carry the written consent of the candidate.</p>
	<p>52. The Council shall appoint a Fellow as Chief Returning Officer (hereinafter called and referred to as the 'CRO'), for the conduct of elections by secret ballot of membership. The same Fellow shall not be appointed as CRO beyond three consecutive years. The CRO shall be assisted by two or more Corporate Members as Assistant Returning Officers, who shall be appointed by Council. The elections shall be conducted as per the Election Rules framed under the By-laws. The CRO shall be vested with the sole authority and responsibility for conducting a fair and free election and to take decisions and use his discretion within the By-laws and framed election rules. The CRO shall declare the results of any election to the General Membership immediately on completion of the count, and subsequently report the results to the Council.</p>
<p>52 (a) A list of Corporate Members whose names extracted from the updated „Roll“ maintained under By-Law 2(ii)a, as at 04.00 p.m. on 31st March shall be eligible for voting in the Elections to the next Council. The list of such Corporate Members (hereinafter called and referred to as the “voters”) shall be made available for reference at the Institution immediately after this date. Any appeal for the correction of voters list shall be submitted to the Secretary giving valid reasons in writing within 15 days after the publication of voters list. The Secretary shall after due consideration to the reasons brought forth and after obtaining the approval of the Council finalize the voters list on or before 15th May.</p>	<p>53. A list of Corporate Members whose names extracted from the updated Roll of Corporate Members maintained under By-law 2, as at 1600 hrs. on March 31 of the year, shall be eligible for voting in the Elections to the next Council. The list of such Corporate Members (hereinafter called and referred to as the 'voters') shall be made available for reference at the Institution immediately after this date. Any appeal for the correction of voters list shall be submitted to the CEO/ES giving valid reasons in writing within Fourteen (14) days after the publication of voters list. The CEO/ES shall after due consideration to the reasons brought forth and after obtaining the approval of the Council finalize the voters list on or before May 15 of the year.</p>
<p>52.(b) The Secretary shall issue to the voters, at least two months before the Annual General Meeting, a notice calling for nominations for all positions in the Council. He will list the positions and give clearly the basis on which such nominations should be made.</p> <p>Eligibility criteria for nominations shall have been fulfilled by the candidates at the time of closing of nominations for the election.</p> <p>A Corporate Member who is qualified and eligible for the election for a particular post in the council, may seek election to one post only at an election.</p> <p>A Continuing Member of the Council under By-Law 50 shall not be eligible to contest another post unless he resigns from the post to be made effective at the end of the current session. A member who has been found guilty of improper conduct by the Council shall also not be eligible to contest any post or sit in the Council. Each candidate shall be nominated by 4 Corporate Members. In the case of Chairmen of Sectional Committees the nomination papers shall be signed by 4 Corporate Members of the respective disciplines.</p>	<p>54.</p> <p>(i.) The CRO shall issue to the voters, at least Ninety One (91) days before the Annual General Meeting, a notice calling for nominations for all vacant positions in the Council. He will list the positions and give clearly the basis on which such nominations should be made.</p> <p>(ii.) Nominations shall close Fourteen (14) days from the date of issue of notice calling such nominations.</p> <p>(iii.) Candidates shall only be allowed to canvass for themselves in formats specified in the Election Rules.</p> <p>(iv.) The CRO shall conclude the election and release results at least Twenty Eight (28) days before the Annual General Meeting of the Institution.</p> <p>(v.) In the event of the Chief Returning Officer being unable to report the election of the prescribed number of Members of the Council owing to an equality of votes, the Council which is conducting the election shall by a majority vote decide such cases.</p>

<p>The nomination papers shall carry the written consent of the candidate.</p> <p>and eligible for the election for that post shall be appointed by the Council at its first meeting.</p>	<p>(vi.) In the event that any Council position is vacant after the conclusion of elections, the vacancy shall be filled in accordance with By-law 59 by the new Council at its first meeting.</p> <p>(vii.) Names of the Officers of the Institution and other members of Council elected for the ensuing Session shall be announced by the Chairman of the Annual General Meeting at the meeting. These names together with all Resolutions passed at such Annual General Meeting shall be notified to the membership within two weeks of such Annual General Meeting.</p>
<p>Nominations shall close 21 days from the date of issue of notice calling such nominations.</p> <p>In the event any position of the incoming Council is vacant a Corporate Member who is qualified</p>	<p><i>Moved to 54.</i></p>
<p>53. The Council shall take a secret postal and /or electronic ballot among the voters on the nominations received following the procedure laid down in By-laws 53 to 56.</p> <p>A postal and /or electronic ballot paper shall be sent to every voter at least 30 days before the Annual General Meeting and shall contain all the names of the members duly nominated for election. The names of the members nominating a candidate together with his qualifications and the appointments held by him should be given on a separate list accompanying a postal and /or electronic ballot paper. No member shall vote for more candidates in each group than are prescribed in the postal and /or electronic ballot paper.</p>	<p>55. The names of the members nominating a candidate together with his qualifications and the appointments held by him should be given on a separate list accompanying an electronic or a postal ballot.</p>
<p>54. The Council shall appoint a Past-President or a Fellow as a Returning Officer for the conduct of any voting by ballot. He will be known as the Chief Returning Officer. He shall be assisted by two or more Corporate Members as Assistant Returning Officers who will be appointed by Council.</p> <p>The voting shall be conducted as per Rules framed under this By-law. The Chief Returning Officer will report results to the Council.</p>	<p><i>Moved to 52</i></p>
<p>55. In the event of a candidate who has been nominated on the postal and /or electronic ballot paper ceasing to be eligible for election after the postal and /or electronic ballot papers have been prepared, the postal and /or electronic ballot paper shall not be invalidated and the elections shall proceed with respect to the remaining candidates.</p>	<p>56. In the event of a candidate who is contesting the election and whose name appears on the electronic or postal ballot ceases to be eligible for election after the electronic or postal ballot have been prepared, the electronic or postal ballot shall not be invalidated and the elections shall proceed with the remaining candidates.</p>
<p>56. In the event of the Chief Returning Officer being unable to report the election of the prescribed number of Members of the Council owing to an equality of votes, the Council which is conducting the election will by a majority vote decide such cases.</p>	<p><i>Moved to 54.</i></p>
<p>57. A member elected as representative of his class shall continue to be a Member of the Council for that class notwithstanding his transfer to another class.</p>	<p>57. A member elected as representative of his class shall continue to be a member of the Council for that class notwithstanding his transfer to another class.</p>
<p>58. The office of a member of Council shall be vacated if he gives notice in writing of his wish to resign and which notice is accepted by the Council; if he ceases to be a</p>	<p>58. The office of a member of Council shall be vacated if he gives notice in writing of his wish to resign and which notice is accepted by the Council; if he ceases</p>

member of the Institution; if he becomes bankrupt or is declared to be of unsound mind; if he is found guilty of improper conduct by the Council or if he absents himself from three consecutive meetings of Council without obtaining approval of Council and Council resolves that he be deemed to have vacated his office.	to be a member of the Institution; if he becomes bankrupt or is declared to be of unsound mind; if he is found guilty of misconduct by the Council or if he absents himself from three consecutive meetings of Council without obtaining approval of the Council.
59. i. The Council shall be competent to act notwithstanding any vacancy and may at any time during the Session fill any vacancy by appointing for the remainder of the term a member who is qualified and eligible for election to the vacancy that has occurred.	59. The Council shall be competent to act, notwithstanding any vacancy and may at any time during the Session fill any vacancy by appointing for the remainder of the term, the member who obtained the next highest number of votes for that post at the last election. Failing which, that vacancy shall be filled by appointing, for the remainder of the term, a member who is qualified and eligible for appointment to the vacancy that has occurred. However, in the case of the President - Elect action shall be taken as per By-law 44.
59.ii. Names of the Officers of the Institution and other members of Council elected for the ensuing Session shall be announced by the Chairman of the Annual General Meeting at the meeting. These names together with all Resolutions passed at such Annual General Meeting shall be posted to the membership within two weeks of such Annual General Meeting.	<i>Moved to 54.</i>
<b>Powers and Proceedings of the Council</b>	<b>Powers and Proceedings of the Council</b>
60. The direction and management of the concerns of the Institution are vested in the Council, subject to the provisions of the By-laws and of all resolutions of General Meetings duly summoned and held in accordance with the By-laws when any such resolution has been duly passed and recorded and signed by the Chairman of that particular meeting.	60.The direction and management of the concerns of the Institution are vested in the Council, subject to the provisions of the By-laws and of all passed resolutions of General Meetings duly summoned and held in accordance with the By-laws.
	61.The Council Meetings shall be called by the Honorary Secretary on the directions of the President and in his absence that of the President-Elect.  The President shall chair the Council meetings and in the absence of the President, the President – Elect, failing which a Vice-President present in the seniority order, shall take the Chair. In the absence of the President, President – Elect and all the Vice-Presidents, members of the meeting shall proceed to elect a member to take the Chair.
61. The decisions of the Council on all matters dealt with by them in accordance with the provisions of the By-laws, Regulations and Rules and of such resolutions as aforesaid, shall be final and binding on all matters.	62.The decisions of the Council on all matters dealt with by them in accordance with the provisions of the By-laws, Regulations and Rules and of such resolutions as aforesaid, shall be final and binding on all matters. In case of inconsistency in interpretation, By-Laws shall take precedence.  Confirmed decisions that impact General Membership shall be published within a week after the Confirmation.
62. The Council shall meet as often as the business to the Institution may require and at every meeting ten members shall constitute a quorum.	63.The Council shall meet as often as the business of the Institution may require and at every meeting Twelve (12) members of whom at least Three (03) shall be Officers, shall constitute a quorum.

<p>63. The Council may appoint Committees which may consist of Members of Council only or Members of Council and other members. All Committees shall conform to any directions that may be given to them by the Council and subject to such directions, may regulate their procedure as they think fit.</p>	<p>64. The Council may appoint Committees which may consist of Members of Council only, or Members of Council and other members. All Committees shall conform to any directions that may be given to them by the Council and subject to such directions, may regulate their procedure as they think fit.</p> <p><i>(Balance Moved to 65.)</i></p>
<p>64. In the absence of the President, the President – Elect failing which a Vice-President present shall take the Chair. In the absence of the President, President – Elect and all the Vice-Presidents, the meeting shall proceed to elect a member to take the Chair.</p>	<p><i>Moved to 61.</i></p>
	<p>65. The Council shall have from time to time number of Standing Committees to advise the Council. There shall be Standing Committees named as given below:</p> <ul style="list-style-type: none"> <li>• Professional Standards Management Committee</li> <li>• Professional Affairs Committee</li> <li>• Education Committee</li> <li>• Finance and Administration Committee</li> <li>• Library Publications, Publicity and Conferences Committee</li> <li>• Continuing Professional Development Committee</li> </ul> <p>The President in consultation with the Council shall appoint Chairmen for each Standing Committee from among, President, President-Elect and Vice Presidents.</p> <p>All Corporate Members who wish to participate in Standing Committees may do so provided that they volunteer and give their names to the CEO/ES on the request made by him at the beginning of the Session. Number of Members of a standing committee shall be limited to Forty (40), in addition to the Council Members, as decided by the Chairman of the respective standing committee.</p> <p>All Standing Committees shall perform their activities according to the accepted terms of reference and rules.</p> <p>Duties, responsibilities and the terms of reference of the above Standing Committees shall be set out by the Council from time to time.</p>
<p>65. All questions shall be decided in the Council by a majority of Members of Council present. In the case of equality, the Chairman shall have a casting vote.</p>	<p>66. All questions shall be decided in the Council by a majority of Members of Council present. In the case of equality, the Chairman shall have a casting vote.</p>
<p>66. A statement of funds of the Institution, and of the receipts and payments during the past financial year, shall be made under the direction of the Council, and, after having been verified and signed by the Auditor, shall be laid before the Annual General Meeting.</p>	<p>67. A statement of funds of the Institution, and of the receipts and payments during the past financial year, shall be made under the direction of the Council, and, after having been verified and signed by the Auditor, shall be laid before the Annual General Meeting.</p>
<p>67. The Council shall draw up a yearly report on the state of the Institution, which shall be presented at the Annual General Meeting.</p>	<p>68. The Council shall draw up an annual report on the state of the Institution, which shall be presented at the Annual General Meeting.</p>
<p>68. The Council may make, amend and rescind</p>	<p>69. The Council may make, amend and rescind</p>



Regulations for the purpose specified in the By-laws, but so that the same be not repugnant to those By-laws and provided that no such Regulation, amendment or rescission shall come into operation until the same has been approved by a General Meeting of the Institution.	Regulations for the purpose specified in the By-laws, but so that the same be not repugnant to those By-laws and provided that no such Regulation, amendment or rescission shall come into operation until the same has been approved by the House.
	<i>Removed</i>
69. The Council may make, amend and rescind Rules for the better ordering of any matters referred to in the By-laws, other than matters to be governed by Regulations, but so that the same be not repugnant to these By-laws or Regulations.	70. The Council may make, amend and rescind Rules for the better ordering of any matters referred to in the By-laws, other than matters to be governed by Regulations, but so that the same be not repugnant to these By-laws or Regulations.
<b>The Secretaries</b>	<b>The Secretaries</b>
70. There shall be two Secretaries, one of whom shall be the Honorary Secretary and the other an Executive Secretary. They shall accept lawful directions in writing from the President and such written directions shall be tabled at the next Council meeting for ratification.	71. There shall be two Secretaries, one of whom shall be the Honorary Secretary and the other is the Chief Executive Officer/Executive Secretary (CEO/ES). They shall accept lawful directions in writing from the President and such written directions shall be tabled at the next Council meeting for ratification.
	<b>Duties of the Honorary Secretary</b>
71. The Honorary Secretary shall be elected by the Corporate Membership from among the Corporate Members and shall hold office for one Session. He shall not hold office for more than four consecutive Sessions. It shall be the duty of the Honorary Secretary under the direction of the Council to arrange the Council's Agenda, to attend meetings of the Council, to make minutes of the proceedings of such meeting and to circulate or read the minutes of the preceding meeting and such communications that may be required to be circulated or read.	72. It shall be the duty of the Honorary Secretary under the direction of the Council to arrange the Agenda of the Council, to attend meetings of the Council, to make minutes of the proceedings of Council meetings and to circulate the minutes of the meeting within Fourteen (14) days and read the minutes of the preceding meeting and such communications that may be required to be circulated and/or read. He shall also accept lawful directions in writing from the President and such written directions shall be tabled at next Council meeting for ratification.  This By-law shall be effective from the session 2021/2022
	<b>Duties of the CEO/Executive Secretary</b>
72.(a) The Executive Secretary shall be appointed by the Council. It shall be the duty of the Executive Secretary under the direction of the Council, to conduct the correspondence of the Institution, to attend the meetings of the Institution and of Committees; to circulate or read the minutes of the proceedings of previous meetings and such Communications as may be ordered to be circulated or read; to superintend such publications as the Council may direct; to have charge of the library; to effect the collection of subscriptions, fees, grants and other revenues and the preparation of accounts of receipts and expenditure; to incur expenditure authorised by Council; to present all accounts to the Council for inspection and approval; to be responsible for all Institution Examinations and for the administration of the Secretariat and to conduct all ordinary business of the Institution. The Executive Secretary, not being a Member of Council, is not entitled to vote.	73. The CEO/ES shall be appointed by the Council. It shall be the duty of the CEO/ES to conduct the affairs of the Institution as directed by the Council from time to time. The CEO/ES shall participate at the meetings of the Council as an observer, but not being a member of Council, is not entitled to vote.
72.(b) The Deputy Executive Secretary shall be appointed by the Council and shall assist the Executive Secretary in the discharge of his duties, and will also act for the Executive Secretary in his absence, unless specified otherwise.	74. The Deputy Executive Secretary (DES) shall be appointed by the Council and shall assist the CEO/ES in the discharge of his duties and will also act for the CEO/ES in his absence, unless specified otherwise.

<b>The Honorary Treasurer</b>	<b>Duties of the Honorary Treasurer</b>
<p>73. The Honorary Treasurer shall be elected by the Corporate Membership from the Corporate Members and shall hold office for one Session. He shall not hold this office for more than four consecutive Sessions.</p>	<p>75.</p> <p>(i.) Honorary Treasurer is obliged to ensure all payments received and paid by the Institution are in compliance with the accounting standards and the rules and regulations of the Institution. He shall directly correspond with Financial Manager and the CEO/ES for any clarifications on financial matters and is responsible in submission of monthly and annual financial statements; and any other matters pertaining to Honorary Treasurer as directed by the Council.</p> <p>(ii.) Honorary Treasurer under the direction of Council to present to the Annual General meeting the Statement of Accounts for the previous financial year and to prepare a statement of estimated revenue and expenditure for the new financial year for the approval of the Council. He shall also prepare such other reports as may be required from time to time in respect of finances of the Institution.</p>
<p>74. It shall be the duty of the Honorary Treasurer under the direction of Council to prepare for approval a statement of estimated revenue and expenditure for the new financial year and to present to the Annual General meeting the Statement of Accounts for the previous financial year. He shall also prepare such other reports as may be required from time to time in respect of Council's finances.</p>	<p><i>Moved to 75.</i></p>
<b>The Auditors</b>	<b>The Auditors</b>
<p>75. The Auditors shall be elected at each Annual General Meeting. The Auditor shall retire at the <del>next</del> following Annual General Meeting but shall be eligible for re-election.</p> <p>The Auditor shall be a Firm qualified to practice as Auditors in Sri Lanka. In the event of an elected Auditor being unable to act, the Council shall appoint another qualified Auditor in its place to act till the next Annual General Meeting.</p>	<p>76. The Auditors shall be appointed at each Annual General Meeting applicable for a financial year of the Institution. The same auditor shall not be appointed for more than <u>three</u> consecutive years.</p> <p>The Auditor shall be a Firm qualified to practice as Auditors in Sri Lanka. In the event of an elected Auditor being unable to act, the Council shall appoint another qualified Auditor in its place to act till the next Annual General Meeting.</p>
<p>76. The Auditor shall have access at reasonable times to the books of accounts and all relevant documents of the Institution and shall be entitled to receive such information and explanations as may be required from the Officers of the Institution.</p>	<p>77. The Auditor shall have access at reasonable times to the books of accounts and all relevant documents of the Institution and shall be entitled to receive such information and explanations as may be required from the Secretariat of the Institution.</p>
<p>77. The Auditor shall forthwith bring to the notice of the Council if in his opinion any of the books, documents or records which the Institution should maintain are not being properly kept or if he is unable to obtain any information or explanation required from any Officer.</p>	<p>78. The Auditor shall forthwith bring to the notice of the Council if in his opinion any of the books, documents or records which the Institution should maintain are not being properly kept or if he is unable to obtain any information or explanation required from any Officer.</p>
<p>78. The Auditor shall make a report to the Council on the accounts examined by him and the report shall state whether in his opinion the balance sheet for the financial year is properly drawn up so as to exhibit a true and correct view of the state of the Institution's affairs according to the best of his information and the explanations given to him and as shown by the books of</p>	<p>79. The Auditor shall make a report to the Council on the accounts examined by him and the report shall state whether in his opinion the balance sheet for the financial year is properly drawn up so as to exhibit a true and correct view of the financial status of the Institution according to the best of his information and the explanations given to him and as shown by</p>

the Institution.	the books of the Institution.
Finance	<b>Finance</b>
79. The Council shall cause true and up-to-date accounts to be kept of all sums of money received and expended by the Institution and of matters in respect of which such receipt or expenditure takes place and of all the property, credits and liabilities of the Institution	80. The Council shall cause true and up-to-date accounts to be kept of all sums of money received and expended by the Institution and of matters in respect of which such receipt or expenditure takes place and of all the property, credits and liabilities of the Institution
80. All moneys received by or on behalf of the Institution shall be paid into the account of the Institution at a Bank approved by the Council. The Institution receipts signed by the Secretary or other officer authorised by Council shall be issued in respect of all money received.	81. All monies received by or on behalf of the Institution shall be paid into the account of the Institution at a Bank approved by the Council. The Institution receipts signed by the CEO/ES or other officer authorised by Council shall be issued in respect of all monies received, CEO/ES shall inform Honorary Treasurer of all such monies received.
81. "All payments from the funds of the Institution, with the exception of payments made from Petty Cash Imprest approved by the Council and as provided for in By Law 105 (v) shall be effected by order of the Council by means of cheques signed by the Executive Secretary and the Honorary Treasurer or by another Officer of the Council. Where however the Executive Secretary be not available for the signing of the cheques through illness or such other good reason, then the President shall authorize the Deputy Executive Secretary in writing to sign cheques in place of the Executive Secretary for the duration of the non-availability of the Executive Secretary to sign such cheques. If the Executive Secretary and the Deputy Executive Secretary are both not available then the President will authorize an officer of the Institution (By-Law 43) in writing to sign cheques during the period of their non-availability. The Deputy Executive Secretary or such other person authorised in writing as herein before stated to sign instead of the Executive Secretary shall obtain receipts in respect of all such payments."	82. All payments from the funds of the Institution, with the exception of payments made from Petty Cash Imprest approved by the Council and as provided for in By-law 108 (v) shall be effected by order of the Council by means of cheques signed by the CEO/ES and the Honorary Treasurer or by another Officer of the Council. Where however, the CEO/ES be not available for the signing of the cheques, through illness or such other good reason, then the President shall authorize the Deputy Executive Secretary in writing to sign cheques in place of the CEO/ES for the duration of the non-availability of the CEO/ES to sign such cheques. If the CEO/ES and the Deputy Executive Secretary are both not available then the President shall authorize an officer of the Institution in writing to sign cheques during the period of their non-availability. The Deputy Executive Secretary or such other person authorised in writing as herein before stated to sign instead of the CEO/ES shall obtain receipts in respect of all such payments. All transactions of the Institution shall follow the procedure stated in the Financial Regulations of the Institution.
82. The Council shall from time to time decide what portion of its funds should be invested. The Council may also at any time, sell the whole or any part of such investments and appropriate the proceeds of such sales to current expenditure.	<i>Removed</i>
83. All monies of the Institution nor required to meet current expenditure of the Institution may be deposited in guaranteed State Investments and/or invested in the purchase of land, buildings or other property as the Council may determine, and the Council shall have power from time to time to vary such deposits or investments.	83. All monies of the Institution not required to meet current expenditure of the Institution may be deposited in State banks.
84. The financial year of the Institution shall close on the thirty first day of December in each year until otherwise determined by the Council.	84. The financial year of the Institution shall close on the thirty first day of December in each year until otherwise determined by the Council.
The Seal	<b>The Seal</b>
85. The Secretary shall be responsible for the safe custody of the common seal of the Institution. The seal shall be affixed to such certificates, deeds and documents as are authorised by the Council to be sealed in the presence of three persons from the	85. The CEO/ES shall be responsible for the safe custody of the common seal of the Institution. The seal shall be affixed to such certificates, deeds and documents as are authorised by the Council to be sealed in the presence of three persons from the Officers of the

<p>Officers of the Institution under By-law 43 provided that one such signatory shall be the President or a Vice-President, and they shall sign every instrument to which the seal of the Institution is so affixed in their presence.</p>	<p>Institution, provided that one such signatory shall be the President or the President-Elect, and they shall sign every instrument to which the seal of the Institution is so affixed in their presence.</p>
<p><b>The Annual General Meeting</b></p>	<p><b>The Annual General Meeting</b></p>
<p>86. a. The Annual General Meeting shall be held at a Convenient date between 1st August and 31st October at such place and at such hour as may be decided by the Council, to receive and deliberate upon the Report of the Council on the state of the Institution, with the Annual Statement of Accounts and the report of the Auditor thereon, to receive a report on the election to the Council and to appoint an Auditor and to consider and decide upon any motions duly received. Notice of the Annual General Meeting shall be given to each member not less than one hundred and twenty (120) days before the meeting and shall be sent to each Corporate member. Twenty Corporate Members shall be a quorum at an Annual General Meeting.</p>	<p>86. (i.) The Annual General Meeting shall be held at a Convenient date between 1<sup>st</sup> August and 31<sup>st</sup> October of each year, at such place and at such hour as may be decided by the Council, to receive and deliberate upon the Report of the Council on the state of the Institution, with the Annual Statement of Accounts and the report of the Auditor thereon, to receive a report on the election to the Council and to appoint an Auditor and to consider and decide upon any motions duly received. Notice of the Annual General Meeting shall be given to each member not less than Sixty Three (63) days before the meeting and shall be sent to each Corporate member. Forty (40) Corporate Members shall be a quorum at an Annual General Meeting.</p>
<p>86.b. Any resolutions which are to be taken up at the Annual General Meeting must be received by the Secretary at least 42 days before such meeting except in the case of those relating to By-laws which must be received by the Secretary at least 90 days before the meeting.</p> <p>Resolutions relating to By-laws shall be passed on to By-laws Revision Committee by the Council to obtain its observations. These resolutions when presented to the general membership should accompany the observations of the By-laws Revision Committee.</p> <p>Resolutions shall be passed by a simple majority except in the case of those relating to By-laws which shall require a majority of two-thirds. There shall be at least 50 Corporate Members present at the time of voting.</p> <p>“Two thirds majority shall mean that the number voting in favor is equal to or more than two thirds of the total number of eligible voters present in the house at the time of voting.”</p>	<p>86. (ii.) All resolutions which are to be taken up at the Annual General Meeting must be received by the CEO/ES at least Forty Two (42) days before such meeting.</p> <p>All Resolutions which are to be taken at the Annual General Meeting or Special General Meeting including those put for Referendum shall be passed on to the By-laws Committee by the Council to obtain its observations regarding their conformity with the Act and existing By-laws. These resolutions when presented to the general membership should accompany the observations of the By-laws Committee.</p> <p>Resolutions shall be passed by a simple majority except in the case of those relating to By-laws which shall require a majority of two-thirds. There shall be at least Fifty (50) Corporate Members present at the time of voting. All resolutions of General Meetings duly summoned and held in accordance with the By-laws; when any such resolution which has been duly passed and recorded, shall be signed by the Chairman of that particular meeting. Resolutions so passed shall be binding from the date of the meeting.</p> <p>All resolutions tabled at the meeting shall be recorded together with the voting results in two registers, one for Resolutions relating the By-laws and the other for those not relating to By-laws, maintained for this purpose.</p>
<p>86.c. All resolutions received in terms of 86 (b) and duly proposed and seconded by Corporate Members shall be circulated with the comments of Council, if any.</p>	<p>86. (iii.) All resolutions received in terms of By-Law 86.(ii.) and duly proposed and seconded by Corporate Members shall be circulated with the comments of Council, if any.</p>
<p>86.d. The Council will not veto or refrain from</p>	<p>86.</p>

circulating any resolution given notice of by any Corporate Member.	(iv.) The Council shall not veto or refrain from circulating any duly submitted resolution given notice of by any Corporate Member on the relevant Roll.
86.e. The responsibility for the proper arrangement of the Annual General Meeting, the presentation of the Minutes and Council's Annual Report will rest with the Honorary Secretary. The responsibility for the proper conduct of the AGM will rest with the President.	86. (v.) The responsibility for the proper arrangement of the Annual General Meeting, the presentation of the Minutes and Annual Report of the Council will rest with the Honorary Secretary. The responsibility for the proper conduct of the Annual General Meeting will rest with the President.
	86. (vi.) Names of the Officers of the Institution and other members of Council elected for the ensuing Session shall be announced by the CRO, at the meeting. These names together with all resolutions tabled at the meeting shall be recorded together with the voting results of each resolution stating if the resolution is passed or not and shall be sent to the corporate membership within two weeks of such Annual General Meeting.
<b>Special General Meeting</b>	<b>Special General Meeting</b>
87. i. A Special General Meeting of Corporate Members may be convened by the Council at any time for the purpose of considering and deciding upon motions proposed by the Council.	87. (i.) A Special General Meeting of Corporate Members may be convened by the Council at any time for the purpose of considering and deciding upon motions proposed by the Council.
87.ii. The Secretary shall in consultation with the Council call a Special General Meeting on a requisition in writing of 20 Corporate Members. Such requisition shall state the matters to be brought before and the motions if any to be considered at such Special General Meeting. A Special General Meeting on such requisition shall be called within 42 days of the presentation of such requisition to the Secretary except in the case of motions relating to By-laws. In the case of requisition relating to By-laws, Special General Meeting shall be called within 90 days of the presentation of such requisition.	87. (ii.) The Honorary Secretary shall in consultation with the Council call a Special General Meeting on a requisition in writing of at least Forty (40) Corporate Members. Such requisition shall state the matters to be brought before and the motions if any to be considered at such Special General Meeting. A Special General Meeting on such requisition shall be called within Thirty Five (35) days of the presentation of such requisition to the Honorary Secretary
87.iii. At least 14 days notice shall be given to each member of Special General Meetings and 50 members entitled to vote shall be a quorum.	87. (iii.) At least Fourteen (14) days notice shall be given to Corporate Members to conduct a Special General Meeting. Fifty (50) Corporate Members shall be a quorum at a Special General Meeting. There shall be at least Fifty (50) Corporate Members present at the time of a voting.
87.iv. Resolutions shall be passed by a simple majority except in the case of those relating to By-laws which shall require a majority of two-thirds. Resolutions so passed shall be binding.	87. (iv.) Resolutions shall be passed by a simple majority except in the case of those relating to By-laws which shall require a majority of two-thirds. All resolutions of General Meetings, duly summoned and held in accordance with the By-laws and has been duly passed, recorded and signed by the Chairman of that particular meeting, shall be binding from the date of the meeting.  Results of each resolution stating if the resolution is passed or not shall be sent to the corporate membership within two weeks of such General

	Meeting.
87.v. Draft minutes of a Special General Meeting shall be circulated to all Corporate Members by the Secretary within 30 days of such meeting.	87. (v.) Draft minutes of a Special General Meeting shall be circulated to all Corporate Members by the Honorary Secretary within Thirty (30) days of such meeting.  All resolutions tabled at the meeting passed shall be recorded together with the voting results stating if the resolution is passed or not, in two registers, one for Resolutions relating the By-laws and the other for those not relating to By-laws, maintained for this purpose. All resolutions relating to By-laws and resolutions not related to By-laws shall come into effect as soon as they are passed by the house. Unless it is specifically stated otherwise, in the resolution.
87.vi. Such minutes shall be confirmed at the next General Meeting of the Institution"s Special, Annual or otherwise.	87. (vi.) Such minutes shall be confirmed at the next General Meeting of the Institution.
	<i>Moved to 87.</i>
	<i>Moved to 88.</i>
88. Resolutions passed at Annual General Meetings or Special General Meetings must be in conformity with the Act.	88.Resolutions passed at Annual General Meetings or Special General Meetings must be in conformity with the Act.
	89.Two thirds majority shall mean that the number voting in favor is equal to or more than two thirds of the total number of eligible voters constituting the house at the time of voting.
89. Ordinary meetings shall be held on such days and at such hours as may be appointed by the Council for the reading and discussion of original communications submitted by or through a member and/or for such other purposes as in the opinion of the Council will further the objects of the Institution. Wherever possible ten clear days" notice of Ordinary Meetings shall be given to each member.	<i>Removed</i>
90. Each member shall have the privilege of introducing one visitor to be present at every ordinary meeting of the Institution. The Council shall have power on special occasion to suspend this privilege.	<i>Removed</i>
91. No question shall be discussed or motion be proposed at any ordinary meeting relating to the direction and management of the concerns of the Institution.	<i>Removed</i>
Proceedings of Meetings	
92. Subject to the provisions of the by-laws the meetings of the Institution shall be conducted as prescribed by the Council from time to time. The Chairman shall regulate the proceedings and his ruling shall be final on all matters not specifically dealt within the By-laws.	<i>Removed</i>
93. In the absence of the President and all the Vice-Presidents, the Chair shall be taken by a Member of the	<i>Removed</i>

<p>Council; but if no Member of the Council present is willing to act, the meeting shall elect a chairman from the Corporate Members present.</p>	
<p>94. The accidental omission to give notice of a meeting of the Institution to, or the non-receipt of notice of such a meeting by, members entitled to receive notice shall not invalidate the proceedings of that meeting.</p>	
	<p><b>Proceedings at Annual General Meetings and Special General Meetings</b></p>
<p>95. No business shall be transacted at any meeting of the Institution unless a quorum is present. If the number of members present is not sufficient to form a quorum the meeting shall not be held. No General Meeting of the Institution shall be held if there is no quorum within half an hour of the time prescribed for such meeting.</p>	<p>90.No business shall be transacted at any meeting of the Institution unless a quorum is present. If the number of members present is not sufficient to form a quorum the meeting shall not be held. No General Meeting of the Institution shall be held if there is no quorum within half an hour of the time prescribed for such meeting.</p>
<p>96. At all meetings of the Institution questions shall be decided according to the requisite majority of votes properly given thereat and in the case of a tie the Chairman shall have a casting vote.</p>	<p>91.At all meetings of the Institution questions shall be decided according to the requisite majority of votes properly given thereat and in the case of a tie the Chairman shall have a casting vote.</p>
<p>97. The Chairman may with the consent of the members present (and shall if so directed by the members present), adjourn the meeting but no business shall be transacted at any adjourned meeting other than the business left unfinished at the meeting from which the adjournment took place. Seven days" notice of adjournment and of the business to be transacted at the adjourned meeting shall be given to all members.</p> <p>The Chairman shall not terminate the meeting without the consent of the members present.</p>	<p>92.The Chairman with the majority vote of the Members present adjourn the meeting but no business shall be transacted at any adjourned meeting other than the business left unfinished at the meeting from which the adjournment took place. Seven days' notice of adjournment and of the business to be transacted at the adjourned meeting shall be given to all members.</p>
<p><b>Sectional Committees and Visits to Works</b></p>	<p><b>Sectional Committees and Visits to Works</b></p>
<p>98. i. Sectional Committees shall be formed to engage in learned society activities, and for this purpose shall arrange Meetings, Seminars, Discussions, Visits and the like.</p> <p>For the present the Sections shall be</p> <ol style="list-style-type: none"> <li>a. Civil Engineering</li> <li>b. Mechanical Engineering</li> <li>c. Electrical, Electronic &amp; Telecommunication Engineering</li> <li>d. Agricultural &amp; Plantation Engineering</li> <li>e. Chemical and Process Engineering</li> <li>f. Building Services Engineering</li> <li>g. Information Technology &amp; Computer Engineering</li> </ol> <p>The Sections may be increased in number by the Council as and when it becomes necessary to do so, with approval of the House.</p> <p>Each Sectional Committee shall comprise a Chairman who shall be a Corporate Member, and representatives with 2 Fellows, 4 Members, 3 Associate Members, 3 Affiliate Members and 3 Companions and Associates.</p> <p>The Chairman, who will sit in Council, shall be elected</p>	<p>93.Sectional Committees shall be formed to engage in learned society activities, and for this purpose shall arrange Meetings, Seminars, Discussions, Visits and the like.</p> <p>The Sections shall be according to By-Law 50.</p> <p>The Sections may be increased in number by the Council as and when it becomes necessary to do so, with the approval of the General Membership.</p> <p>Each Sectional Committee shall comprise a Chairman who shall be a Corporate Member, and representatives with 2 Fellows, 4 Members, 3 Associate Members, 3 Affiliate Members and 3 Companions.</p> <p>Immediately after the new Council takes office, the Chairman of each Sectional Committee shall summon a meeting of all Corporate Members, Associate Members, Affiliate Members, Associates and Companions in the respective discipline.</p> <p>The Sectional Committee may convene informal meetings and arrange such visits as in their opinion will further the objects of the Institution. Unless</p>

<p>by postal and/or electronic vote along with other Corporate Members of Council in accordance with By-Laws 51 to 56.</p> <p>The Chairman shall hold office for one Session. He shall not hold this office for more than three consecutive Sessions.</p> <p>Immediately after the new Council takes office, the Chairman of each Sectional Committee shall summon a General Meeting of all Corporate Members, Companions, Associate Members, Affiliate Members and Associates in the respective discipline. Such a meeting shall elect 2 Fellows, 4 Members, 3 Associate Members, 3 Affiliate Members and 3 for Companions and Associates to form the Committee for the ensuing Session.</p>	<p>otherwise decided by the Sectional Committee, all visits shall be open to all members. Arrangements for a member to visit engineering or any other works are made by the Institution as agent for such member and the Institution will not be liable for any injury, loss or inconvenience caused to any member in consequence of his visit.</p>
<p>98.ii The Council may convene informal meetings and arrange such visits as in their opinion will further the objects of the Institution. Unless otherwise decided by the Council all visits shall be open to all members. Arrangements for a member to visit engineering or any other works are made by the Council as agent for such member and the Council will not be liable for any injury, loss or inconvenience caused to any member in consequence of his visit.</p>	<p><i>Moved to 93.</i></p>
<p><b>Referendum by Postal and / or Electronic Vote</b></p>	<p><b>Referendum by Electronic and / or Postal Vote</b></p>
<p>99. The Council when it considers it expedient to obtain the views of the general membership or when it deems advisable to obtain directions from the general membership on any matters connected with the activities of the Institution, other than revision of By-laws, may call for a poll of all Corporate Members in accordance with By-law 100. Matters referred for a poll shall be framed in the form of a Resolution which shall be in accordance with the Act.</p>	<p>94. The Council when it considers it expedient to obtain the views of the general membership or when it deems advisable to obtain directions from the general membership on any matters connected with the activities of the Institution, other than revision of By-laws, may call for a poll of all Corporate Members in accordance with By-law 95. Matters referred for a poll shall be framed in the form of a Resolution which shall be in accordance with the Act.</p>
<p>100. Upon a Resolution of the Council in terms of By-law 99, the Secretary in consultation with the Council shall arrange for a poll, by postal and/or electronic vote.</p> <p>The Secretary shall send a copy of the Resolution and postal and /or electronic ballot paper to each Corporate Member whose address as registered at the Institution. There shall be at least 21 days between the dispatch of postal and /or electronic ballot papers and the closing of the poll. The Council shall appoint at least three Scrutineers to supervise all aspects of the poll including the security and the dispatch of the postal and /or electronic ballot papers and the counting of the votes. The Scrutineers shall report to Council. The Scrutineers' decision on any matter directly connected with the poll shall be final. Any Resolution carried by a majority of the votes polled shall be deemed to be binding.</p> <p>Results of the poll shall be posted on the Notice Board at the Institution headquarters and posted on the official web site.</p>	<p>95. Upon a Resolution of the Council in terms of By-law 94, the CEO/ES in consultation with the Council shall arrange for a poll, by electronic and/or postal vote.</p> <p>The CEO/ES shall send a copy of the Resolution and electronic and/or postal ballot to each Corporate Member at his electronic or postal address, as registered at the Institution. There shall be at least Fourteen (14) days between the dispatch of electronic or postal ballot and the closing of the poll. The Council shall appoint at least three (03) Fellows as Committee of Scrutineers to supervise all aspects of the poll including the security and the dispatch of the electronic or postal ballot and the counting of the votes. The Scrutineers shall report to Council. The Scrutineers' decision on any matter directly connected with the poll shall be final. Any Resolution carried by a majority of the votes polled shall be deemed to be binding.</p> <p>Results of the poll shall be posted on the Notice Board at the Institution headquarters and on the official web site by the Committee of Scrutineers</p>



<b>Notices</b>	<b>Notices</b>
101. Any notice may be served upon, or any communication may be sent to any member by the Secretary either by hand or through the post addressed to such member at his address as registered at the Institution.	96. Any notice may be served upon, or any communication may be sent to any Member by the CEO/ES either by hand, post or electronic mode addressed to such member at his relevant address as registered at the Institution.
102. Any notice of communication, if served or sent by post, shall be deemed to have been served. In proving such service or sending it shall be sufficient to prove that the notice or communication was properly addressed and posted.	97. Any communication, if sent either by hand or post or electronic mode, shall be deemed to have been served. In proving such service or sending it shall be sufficient to prove that the notice or communication was properly addressed and posted.
<b>Inspection of Records and Accounts</b>	<b>Inspection of Records and Accounts</b>
103. The Minutes of all General Meetings of the Institution shall be open to all Corporate Members at all reasonable times on previous notice to the Secretary in writing. The minutes of any meetings of the Council shall be open to the inspection of any Member of the Council at all reasonable times. The Accounts of the Institution shall be open to any Member of the Council and by previous arrangement with the Secretary to any other member.	98. The Minutes of all General Meetings of the Institution shall be open to all Corporate Members at all reasonable times on previous notice to the CEO/ES in writing. The minutes of any meeting of the Council shall be open to the inspection of any Member of the Council at all reasonable times. The Accounts of the Institution shall be open to any Member of the Council and by previous arrangement with the CEO/ES to any other Member.
<b>Access to the Property of the Institution</b>	<b>Access to the Property of the Institution</b>
104. All library books, drawings, and publications which are the property of the Institution shall be accessible to members and subscribers at all reasonable times with the consent of the Council. None of the property of the Institution shall be taken out of the premises of the Institution without due authority.	99. All library books, drawings, and publications which are the property of the Institution shall be accessible to all members at all reasonable times with the consent of the Council. None of the property of the Institution shall be taken out of the premises of the Institution without due authority.
<b>Board of Trustees</b>	<b>Board of Trustees</b>
105. i. There shall be a Board of Trustees, subject to the direction of Council, constituted to take over immovable property on lease in the names of the Trustees comprising the Board of Trustees on behalf of the Institution of Engineers, Sri Lanka. The Board of Trustees shall also manage the Site, Buildings and other properties (immovable or otherwise) of the Headquarters of the Institution. The Board of Trustees shall be entrusted with the collection of the necessary funds and with the construction and management of the Headquarters, they shall also be in charge of the Benevolent Fund of the Institution of Engineers and disburse the interest received on Capital as directed by Council.	100. (i.) There shall be a Board of Trustees, subject to the direction of Council constituted to take over immovable property on lease on behalf of the Institution of Engineers, Sri Lanka. The Board of Trustees shall also be entrusted by the Council to manage the site buildings and other properties (immovable or otherwise) of the Headquarters and Provincial Centres of the Institution, The Board of Trustees shall be entrusted with the collection of the necessary funds and with the construction and management of the Headquarters, and Provincial Centres They shall also be in charge of the Benevolent Fund of the Institution of Engineers and disburse the interest received on Capital as directed by the Council.
105.ii. The Board of Trustees shall consist of five members elected by the Council. Every Trustee so elected shall continue in Office as such until expiry of his term of office until he resigns, becomes incapable of functioning, dies or is removed from Office of Trustee by a resolution of the Council duly passed by a two-thirds majority of the members present and voting. In any of the said events the Council shall in manner aforesaid elect a new Trustee and pending such election the authority of the full Board of Trustees shall be vested in the remaining Trustees.	100. (ii.) The Board of Trustees shall consist of five Fellows who have minimum fifteen years as a Fellow of whom one shall be a Past President, elected by the Council. Every Trustee so elected shall continue in Office as such until expiry of his term of office, until he resigns, becomes incapacitated or is removed from Office of a Trustee by a resolution of the Council duly passed by a two-thirds majority of the members present and voting. In any of the said events the Council shall in manner aforesaid elect a new Trustee from among fellows or Past Presidents who have a minimum fifteen years as a Fellow and pending such election the authority of the full Board of Trustees
The Board of Trustees shall elect its Chairman. The	

<p>Secretary shall be the Secretary of the Institution. The Board shall frame its own regulations provided that nothing in the regulations so framed shall be in conflict with the Act, By-laws Regulations and Rules of the Institution.</p> <p>The Board of Trustees shall submit minutes of its meetings and make an Annual Report to the Council.</p>	<p>shall be vested in the remaining Trustees.</p> <p>The Board of Trustees shall nominate its Chairman for the approval of the Council. The Secretary to the Board shall be the CEO/ES of the Institution. The Board shall frame its own regulations provided that nothing in the regulations so framed shall be in conflict with the Act, By-laws Regulations and Rules of the Institution.</p> <p>The Chairman of the Board of Trustees shall attend the Council meetings on invitation.</p> <p>The Board of Trustees is entitled to investigate and audit any issue of mismanagement observed by the trustees or brought to their notice, and submit a report to the Council regarding such issue.</p> <p>The Board of Trustees shall submit minutes of its meetings and make an Annual Report to the Council.</p>
<p>105.iii. The terms of Office of every member of the Board shall be three years with the proviso that a retiring member shall be eligible for re-election provided that no member, shall serve a continuous period exceeding six years.</p>	<p>100. (iii.) The terms of Office of every member of the Board shall be three years with the proviso that a retiring member shall be eligible for re-election provided that no person shall serve a continuous period exceeding six years.</p>
<p>105.iv. The Board of Trustees may receive Grants from the Institution.</p>	<p>100. (iv.) The Board of Trustees may receive Grants from the Institution.</p>
<p>105.v. The Board of Trustees is authorised to open a Bank Account called “The Institution of Engineers Headquarters Building Fund Account” as well as Savings Deposits in the State Bank with the money, endowments etc.; made on behalf of the Benevolent Fund. All cheques and disbursements made on these accounts shall be signed by the Chairman of the Board of Trustees and the Secretary.</p>	<p>100. (v.) The Board of Trustees is authorised to open a Bank Account called “The Institution of Engineers Building Fund Account” as well as Savings Deposits in a State Bank with the money, endowments etc.; made on behalf of the Benevolent Fund. All cheques and disbursements made on these accounts shall be signed by the Chairman of the Board of Trustees and the CEO/ES.</p>
<p>106. There shall be a By-laws Revision Committee, whose responsibility shall be to study and review and make recommendations re. deleting, amending or adding By-laws in keeping with the Act. The Committee shall consist of 12 members with the President as Chairman and consisting of 2 Past Presidents, 1 Vice President in Council and 2 Fellows all nominated by the Council and 6 other Corporate Members elected by the membership at the Annual General Meeting. The quorum shall be 5 members. The Council may fill any vacancies if and when they so occur.</p>	<p>101. There shall be a By-laws Committee, whose responsibility shall be to study and review and make recommendations ie. deleting, amending or adding By-laws in keeping with the Act. It is also the duty of the By-laws Committee to review and recommend to the council any resolutions referred to them by the Council regarding the conformity with the Act and existing By-laws. The Committee shall consist of Twelve (12) members with the President as Chairman and consisting of Two (02) Past Presidents, One (01) Vice President and Two (02) Fellows all nominated by the Council and Six (06) other Corporate Members elected by the membership at the Annual General Meeting. The quorum shall be Five (05) members. The Council may fill any vacancies if and when they so occur.</p>
<p>107. The findings of the Committee shall be circulated through the Council to the membership.</p>	<p>102. The findings of the Committee shall be circulated through the Council to the membership.</p>
<p>Registration Board</p>	<p><b>Registration Board</b></p>
<p>108. The Institution shall establish a Registration Board</p>	<p>103. The Institution shall establish a Registration Board</p>

to regulate matters related with and development of International Professional Engineers.	to regulate matters related with and development of International Professional Engineers.
109. The Registration Board shall be named as the Institution of Engineers, Sri Lanka Registration Board for International Professional Engineers	104. The Registration Board shall be named as the Institution of Engineers, Sri Lanka Board of Registration for International Professional Engineers (IESLBR)
110. The Board shall function independently subject to the general policies of the Institution.	105. The Board shall function independently subject to the general policies of the Institution.
<p>111. The composition of the Board shall be:</p> <p>(i) The President of the Institution of Engineers, Sri Lanka shall be the ex-officio Chairman of the Board for the duration of his/her period of Office.</p> <p>(ii) The Deputy Chairman who shall be a Fellow of the Institution, nominated by the Council of the Institution from a list of three Fellows, proposed by a Committee appointed by the Council of the Institution.</p> <p>(iii) The Immediate Past President and the President-Elect shall be ex-officio members of the Board during their terms of office in those capacities.</p> <p>(iv) Three (3) Corporate Members of the Institution representing each of the disciplines Civil, Electrical, Mechanical and one Corporate Member representing all other disciplines nominated by the Council of the Institution.</p> <p>(v) Seven (7) Corporate Members of the Institution who shall be not below the rank of senior Lecturers Grade 1, nominated by the Council of the Institution, out of which one each shall be from among the academic staff members of the Engineering Faculties of the University of Peradeniya, University of Moratuwa and University of Ruhuna and from the Faculty of Engineering Technology of the Open University of Sri Lanka and one each of the remaining three (3) from among the academic staff members in the field of engineering of any other Institute (State or Private) conducting a four year full time Engineering Degree Programme recognized by the Institution.</p> <p>(vi) Two (2) Corporate Members of the Institution from the state sector, holding or who have held not less than the rank of Chief Engineer or equivalent and have had a minimum of ten (10) years post-Charter experience, nominated by the Council of the Institution.</p> <p>(vii) Four (4) Corporate Members of the Institution from the Private Sector having a minimum of ten (10) years post-Charter experience, nominated by the Council of the Institution.</p> <p>(viii) Chairman of the IESL Accreditation Board</p>	<p>106. The composition of the Board shall be:</p> <p>(i) The President of the Institution of Engineers, Sri Lanka shall be the ex-officio Chairman of the Board for the duration of his period of Office.</p> <p>(ii) The Deputy Chairman who shall be a Fellow of the Institution, nominated by the Council of the Institution from a list of three Fellows, proposed by a Committee appointed by the Council of the Institution.</p> <p>(iii) The Immediate Past President and the President-Elect shall be ex-officio members of the Board during their terms of office in those capacities.</p> <p>(iv) Three (03) Corporate Members of the Institution representing each of the disciplines Civil, Electrical, Mechanical and one Corporate Member representing all other disciplines nominated by the Council of the Institution.</p> <p>(v) Seven (07) Corporate Members of the Institution who shall be not below the rank of Senior Lecturers Grade I, nominated by the Council of the Institution, out of whom one each shall be from among the academic staff members of the Faculties of Engineering of the University of Peradeniya, University of Moratuwa and University of Ruhuna and from the Faculty of Engineering Technology of the Open University of Sri Lanka and one each of the remaining three (03) from among the academic staff members in the field of engineering of any other Institute conducting a four year full time Engineering Degree Programme recognized by the Institution.</p> <p>(vi) Two (02) Corporate Members of the Institution from the state sector, holding or who have held not less than the rank of Chief Engineer or equivalent and have had a minimum of ten (10) years post-Charter experience, nominated by the Council of the Institution.</p> <p>(vii) Four (04) Corporate Members of the Institution from the Private Sector having a minimum of Ten (10) years post-Charter experience, nominated by the Council of the Institution.</p> <p>(viii) Chairman of the IESL Accreditation Board</p> <p>The quorum for a Board meeting shall be nine members.</p>

<p>112. (i) The members of the Registration Board except the first Board, shall hold office for a term of four years, but may be re-nominated by the Council provided they have not served the two previous consecutive terms. This shall not apply to the Chairman whose term is defined in 111(i).</p> <p>(ii) However the term of office in the membership in the first Board, half of the members excluding the Deputy Chairman of the Board shall terminate at the expiry of two years from the date of appointment. This Board shall at its very first meeting determine by draw of lots, the members whose term of office shall so terminate.</p>	<p>(i) The members of the Registration Board except the first Board, shall hold office for a term of four (04) years, but may be re-nominated by the Council provided they have not served two (02) previous consecutive terms. This shall not apply to the Chairman whose term is defined in By-Law 106.</p> <p>(ii) The term of office in the membership in the first Board, half of the members excluding the Deputy Chairman of the Board shall terminate at the expiry of two years from the date of appointment. This Board shall at its very first meeting determine by draw of lots, the members whose term of office shall so terminate.</p>
<p>113. A corporate Member of The Institution, fulfilling the prescribed requirements of the board and having his name entered in the register at the order of the board, shall be called an International Professional Engineer and shall be entitled to use the abbreviations IntPE (Sri Lanka) after his or her name, and shall be able to use such insignia, emblems etc. as the Board may prescribe and award as long as his name is on the Register.</p>	<p>108. A corporate Member of The Institution, fulfilling the prescribed requirements of the board and having his name entered in the register at the order of the board, shall be called an International Professional Engineer and shall be entitled to use the abbreviations IntPE(SL) after his name, and shall be able to use such insignia, emblems etc. as the Board may prescribe and award as long as his name is on the Register.</p>
<p><b>Accreditation Board</b></p>	<p><b>Accreditation Board</b></p>
<p>115. The Institution shall establish the Board of Accreditation for Engineering and Technical Education in order to ensure quality control and quality assurance in engineering &amp; technical education.</p>	<p>109. The Institution shall establish the Board of Accreditation for Engineering and Technological Education in order to ensure quality control and quality assurance in Engineering &amp; Technological educational programmes.</p>
<p>116. The Accreditation Board shall be named as the Institution of Engineers, Sri Lanka Board of Accreditation.</p>	<p>110. The Board of Accreditation shall be named as the Institution of Engineers, Sri Lanka Board of Accreditation (IESLBA).</p>
<p>117. The Board shall function independently subject to the general policies of the Institution.</p>	<p>111. The Board shall function independently subject to the general policies of the Institution.</p>
<p>118. The Council of the Institution shall frame by-laws regarding the function and management of the Board.</p>	<p>112. The Council of the Institution shall frame by-laws regarding the function and management of the Board.</p>
<p>119. The composition of the Board shall be :</p> <p>(i) The Chairman shall be an eminent Practitioner/Teacher in engineering to be nominated by the Council of the Institution from a panel of three eminent Practitioners / Teachers proposed by a committee appointed by the Council of the Institution.</p> <p>(ii) The President of the Institution of Engineers, Sri Lanka who will be an ex-officio member of the Board for the duration of the period of his term of office.</p> <p>(iii) The Immediate Past President and the President-Elect shall be ex-officio members of the Board during their terms of office in those capacities.</p> <p>(iv) Seven (7) Corporate Members of the Institution who shall be not below the rank of Senior Lecturer Grade 1, nominated by the Council of the Institution , out of which one each shall be from among the academic staff members of the Engineering Faculties of</p>	<p>113. The composition of the Board shall be:</p> <p>(i) The Chairman shall be an eminent Practitioner/Teacher in engineering to be nominated by the Council on the Institution from a panel of three eminent Practitioners / Teachers proposed by a committee appointed by the Council of the Institution.</p> <p>(ii) The President of the Institution of Engineers, Sri Lanka who will be an ex-officio member of the Board for the duration of the period of his term of office.</p> <p>(iii) The Immediate Past President and the President-Elect shall be ex-officio members of the Board during their terms of office in those capacities.</p> <p>(iv) Seven (07) Corporate Members of the Institution who shall not be below the rank of Senior Lecturer Grade 1, nominated by the Council of the Institution , out of whom one each shall be from among the academic staff members of the Engineering Faculties of the University of Peradeniya, University of Moratuwa and University of Ruhuna and from the Faculty of Engineering Technology of the Open University of Sri Lanka and one each of the remaining</p>

<p>the University of Peradeniya, University of Moratuwa and University of Ruhuna and from the Faculty of Engineering Technology of the Open University of Sri Lanka and one each of the remaining three (3) from among the academic staff members in the field of engineering of any other Institute (State or Private) conducting a four year full time Engineering Degree Programme recognized by the Institution.</p> <p>(v) Six (6) Corporate Members of the Institution from the industry and nominated by the Council of the Institution.</p> <p>(vi) Two (2) Corporate Members of the Institution who are Professors / Emeritus Professors and nominated by the Council of the Institution.</p> <p>(vii) Member of the University Grants Commission who is in charge of the Standing Committee relevant to engineering</p>	<p>Three (03) from among the academic staff members in the field of engineering of any other Institute conducting a four year full time Engineering Degree Programme recognized by the Institution.</p> <p>(v) Six (06) Corporate Members of the Institution from the industry and nominated by the Council of the Institution.</p> <p>(vi) Two (02) Corporate Members of the Institution who are Professors / Emeritus Professors and nominated by the Council of the Institution.</p> <p>(vii) Member of the University Grants Commission who is in charge of the Standing Committee relevant to engineering</p> <p>The quorum for a Board meeting shall be Eight (08) Members</p>
<p>120. (i) The Chairman and the members of the Board except the first Board, shall hold office for a term of four years, and may be re-nominated by the Council provided they have not served the two previous consecutive terms.</p> <p>(ii) However the term of office in the membership in the first Board, half of the members excluding the Chairman of the Board shall terminate at the expiry of two years from the date of appointment. This Board shall at its very first meeting determine by draw of lots, the members whose term of office shall so terminate.</p>	<p>114.</p> <p>(i) The Chairman and the Members of the Board except the first Board, shall hold office for a term of four years, and may be re-nominated by the Council provided they have not served the two previous consecutive terms.</p> <p>(ii) However the term of office in the membership in the first Board, half of the members excluding the Chairman of the Board shall terminate at the expiry of two years from the date of appointment. This Board shall at its very first meeting determine by draw of lots, the members whose term of office shall so terminate.</p>
<p>121. Provincial Chapters and District Centres within Sri Lanka Provincial Chapters may be formed for the benefit of members residing outstations and shall operate according to rules set up by the Council.</p> <p>i. Provincial Chapters shall engage in learned society activities and for this purpose shall arrange Meetings, Continuing Professional Development Programmes Seminars, Discussions, Visits and the like.</p> <p>ii. Provincial Chapters shall also promote membership drives in their respective Provinces and may arrange to collect the subscription fees of the members according to rules set up by the Council.</p> <p>iii. Provincial Chapters may set up District Centres in their respective Provinces with a view to decentralizing their activities which shall operate according to the rules set up by the Council.</p>	<p>115. Provincial Chapters and District Centres within Sri Lanka may be formed for the benefit of members residing outstations and shall operate according to rules set up by the Council.</p> <p>(i.) Provincial Chapters shall engage in learned society activities and for this purpose shall arrange Meetings, Continuing Professional Development Programmes Seminars, Discussions, Visits and the like.</p> <p>(ii.) Provincial Chapters shall also promote membership drives in their respective Provinces and may arrange to collect the subscription fees of the members according to rules set up by the Council.</p> <p>(iii.) Provincial Chapters may set up District Centres in their respective Provinces with a view to decentralizing their activities which shall operate according to the rules set up by the Council.</p> <p>(iv.) Provincial Chapters/ District Centres may have their own buildings and infrastructure immovable as per approvals obtained from the Council of the IESL.</p>

<p>122. Overseas Chapters</p> <p>i. Overseas Chapters may be formed for the benefit of members residing in the respective regions and shall operate according to rules set up by the Council.</p> <p>ii. Overseas Chapters shall engage in learned society activities and for this purpose shall arrange Meetings, Seminars, Discussions, Visits and the like.</p> <p>iii. Overseas Chapters shall also promote membership drives in their respective regions and may arrange to collect the subscription fees of the members according to rules set up by the Council.</p>	<p><b>Overseas Chapters</b></p> <p>116.</p> <p>(i.) Overseas Chapters may be formed for the benefit of members residing in the respective regions and shall operate according to rules set up by the Council.</p> <p>(ii.) Overseas Chapters shall engage in learned society activities and for this purpose shall arrange Meetings, Seminars, Discussions, Visits and the like.</p> <p>(iii.) Overseas Chapters shall also promote membership drives in their respective regions and may arrange to collect the subscription fees of the members according to rules set up by the Council.</p>
<p>123. There shall be Standing Committees named as given below:</p> <p>a. Professional Standards Management Committee</p> <p>b. Professional Affairs Committee</p> <p>c. Education Committee</p> <p>d. Finance and Procurement Committee</p> <p>e. Library Publications, Publicity and Conferences Committee</p> <p>f. Continuing Professional Development Committee</p> <p>Each Standing Committee shall be chaired by the President, President Elect, or a Vice President.</p> <p>Duties, responsibilities and the terms of reference of the above Standing Committees shall be set out by the Council from time to time.</p>	<p><i>(Removed as repeated)</i></p>

## **RESOLUTIONS PROPOSED BY MEMBERS**

### **Resolution 1:**

Proposer : Eng. K K Bombugalage (M-7244)

Seconder : Eng. D K P U Gunathilake (M-3629)

### **Resolution to Strengthen e-Voting System/Process of The IESL Annual Elections**

The last four years since the introduction of e-Voting, there has been a steady increase in the number of Members choosing e- voting.

However there appears to be a lack of understanding of the processes resulting in a lack of appreciation of the advantages of e-voting.

Thus, with the objective of assuring the Membership of the faith in the e-Voting process and to further develop and strengthen this process the following resolution is presented to the house for adoption. This will undoubtedly pave the way for the members to realize the advantages of e-voting and will attract more members to use this in the future.

In this endeavour it is imperative to reconsider:

1. The role, functions and services provided by the external service provider.
2. The method of selecting the service provider.
3. The role played by the CRO, AROO, CEO/ES, as each one has a statutory role to play to safeguard the interest of all members.
4. The role played by the administrative staff of the IESL and the service provider to ensure adequate controls are implemented to ensure secrecy and security of the whole process.
5. The email and other contact information in the IESL database is updated, and IESL members are fully connected through that unless in the case of members who may opt out.

This House therefore resolve:

1. To initiate action immediately to update the email and other contact information of all members and inform them that this is intended to be used only for e-Voting purposes and other official IESL communications and shall not be disclosed to any third party without their specific consent. The members to be encouraged to register for e- Voting for future elections.
2. To carry out a system study to ensure impersonation is eliminated
3. To ensure that e-Voting credentials are posted only to the members who confirm their contact details and who specifically opt for e-Voting and all others to be sent the manual voting papers.
4. To ensure 100% confidentiality and prevent impersonation of the e-Voting system using industry accepted security and authentication methods.
5. To ensure that neither any of the IESL members nor the IESL office staff other than the CEO/ES have control and access to e-Voting system prior to or during the election period.

# PAST OFFICE BEARERS

## THE INSTITUTIONS OF ENGINEERS, SRI LANKA

YEAR	PRESIDENT	HONY. SECRETARY	HONY. TREASURER
1906	F A Cooper, CMG,MICE	A Rothwell	R A Powell – AMICE
1907	H T S Ward, MICE	A Rothwell	R A Powell – AMICE
1908	P D Warren, CMG, FRGS	A Rothwell	R A Powell – AMICE
1909	C A Lovegrove, AMICE	J A Balfour, AMICE	R A Powell – AMICE
1910	R E Tickell, MICE	H T Creasy, CBE, MICE	R A Powell – AMICE
1911	R Skelton, AMICE	H T Creasy, CBE, MICE	G N Loggin, CMG, MICE
1912	F A Cooper, CMG, MICE	A Woodeson, OBE, FRIBA, FSI	W J Price, AMICE
1913	J A Balfour, AMICE	A Woodeson, OBE, FRIBA, FSI	W J Price, AMICE
1914	A D Prouse, MICE	A Woodeson, OBE, FRIBA, FSI	W J Price, AMICE
1915	A D Prouse, MICE	A Woodeson, OBE, FRIBA, FSI	W J Price, AMICE
1916	T H Chapman, Lt.Col, OBE, VD, MICE, MIWE	A Woodeson, OBE, FRIBA, FSI	W J Price, AMICE
1917	T H Chapman, Lt.Col, OBE, VD, MICE, MIWE	A Woodeson, OBE, FRIBA, FSI	W J Price, AMICE
1918	W C S Ingles, AMICE	A Woodeson, OBE, FRIBA, FSI	R G Bartholomew, AMICE
1919	W C S Ingles, AMICE	A Woodeson, OBE, FRIBA, FSI	R G Bartholomew, AMICE
1920	H F Tomalin, MICE, FRIBA, FRGS	A Woodeson, OBE, FRIBA, FSI	Col. T G Jayawardene, VD
1921	D McMillan, MICE	A Woodeson, OBE, FRIBA, FSI	Col. T G Jayawardene, VD
1922	Harold T Creasy, OBE, MICE, AMIMEchE	A Woodeson, OBE, FRIBA, FSI	Col. T G Jayawardene, VD
1923	M W Cole-Bowen, BA(Dublin), BAI, MICE	A Woodeson, OBE, FRIBA, FSI	Col. T G Jayawardene, VD
1924	J A Stracham, CMG, MICE, MIStructE, MBIPS	A Woodeson, OBE, FRIBA, FSI	Col. T G Jayawardene, VD
1925	J A Stracham, CMG, MICE, MIStructE, MBIPS	A Woodeson, OBE, FRIBA, FSI	Col. T G Jayawardene, VD
1926	N M Ingram	A Woodeson, OBE, FRIBA, FSI	Col. T G Jayawardene, VD
1927	N M Ingram	A Woodeson, OBE, FRIBA, FSI	C H Vince, PASI
1928	W Brown, BSc(Edin), MICE	A Woodeson, OBE, FRIBA, FSI	C H Vince, PASI
1929	A H G Dawson	A Woodeson, OBE, FRIBA, FSI	C H Vince, PASI
1930	A H G Dawson	A Woodeson, OBE, FRIBA, FSI	C H Vince, PASI
1931	E W Head, OBE, MIMechE, MILocoE	A Woodeson, OBE, FRIBA, FSI	C H Vince, PASI
1932	G W Dodds, MICE	A D Parham, FRIBA, FSI, MTPI	G K Thornhill, FSI, FRGS
1933	B G Meaden, MICE	A D Parham, FRIBA, FSI, MTPI	W J Price, MICE
1934	W J Thornhill, OBE, MICE , ARTC(Glas)	A D Parham, FRIBA, FSI, MTPI	W J Price, MICE
1935	G K Thornhill, OBE, FSI, FRGS, FRAS, FRMetS	A D Parham, FRIBA, FSI, MTPI	W J Price, MICE
1936	J S Kennedy, MC, MA, BSc(Glas), MICE	A D Parham, FRIBA, FSI, MTPI	W J Price, MICE



YEAR	PRESIDENT	HONY. SECRETARY	HONY. TREASURER
1937	E G Eastman, OBE, FSI, FAI	A D Parham, FRIBA, FSI, MTPI	W J Price, MICE
1938	H K de Kretser, MICE, MIM & CYE, FRSANI	A D Parham, FRIBA, FSI, MTPI	W J Price, MICE
1939	H Wijenathan, BSc(Eng)Hons Lond	A D Parham, FRIBA, FSI, MTPI	W J Price, MICE
1940	T A Owles, OBE, MICE	A D Parham, FRIBA, FSI, MTPI	W J Price, MICE
1941	W J Price, MICE	A D Parham, FRIBA, FSI, MTPI	T H Leader, AMICE
1942	W J Price, MICE	A D Parham, FRIBA, FSI, MTPI	T H Leader, AMICE
1943	Lieut.Col. C H Brazel, MC, MIEE, MIMechE	A D Parham, FRIBA, FSI, MTPI	T H Leader, AMICE
1944	Lieut.Col. C H Brazel, MC, MIEE, MIMechE	A D Parham, FRIBA, FSI, MTPI	T H Leader, AMICE
1945	D Lusk, ARCSd(Dublin), AMIEE	A D Parham, FRIBA, FSI, MTPI	H F Billimoria, MBE, BArch (Hons)L'pool, FRIBA
1946	Col. Stanley Fernando, OBE, ED,CE, MISTructE	{ H F Billimoria, MBE, BArch(Hons) L'pool, FRIBA (Secretary) Muhandiram J A L P Wijewardene, + ISO (Assistant Secretary)	D A Peiris, AMISTructE
1947	Col. Stanley Fernando, OBE, ED,CE, MISTructE		- Do -
1948	S G Taylor, CBE, BSc(Eng) Lond, MICE	- Do -	D A Peiris, AMISTructE
1949	C M Jennings, MICE, MIWE	- Do -	D A Peiris, AMISTructE
1950	T N Wynne-Jones, OBE, FRIBA, FRSanI, MISTructE	- Do -	T P de S Munasinghe, MICE
1951	L W G Starbuck, Assoc.IEE	- Do -	C Rasiah, BSc(Lond), BA(Cantab), AMICE
1952	W A Guthrie, OBE, BSc(Eng) Birmingham, FRSA, MICE	- Do -	C Rasiah, BSc(Lond), BA(Cantab), AMICE
1953	T A Burns, BSc(Eng)	- Do -	C Rasiah, BSc(Lond), BA(Cantab), AMICE
1954	S Rajanayagam, OBE, BSc(Eng) Lond, ACGI, AMIEE	- Do -	C Rasiah, BSc(Lond), BA(Cantab), AMICE
1955	E C Wijeyesekera, MBE, BSc(Eng) Lond, MICE, MinsT.	- Do -	C Rasiah, BSc(Lond), BA(Cantab), AMICE
1956	R L Brohier, OBE, FRICS, FRGS	{ S Rajanayagam, OBE, BSc(Eng)(Lond) ACGI, AMIEE, (Secretary) Muhandiram J A L P Wijewardene, + ISO (Assistant Secretary)	C Rasiah, BSc(Lond), BA(Cantab), AMICE
1957	E C Fernando, MBE, BSc(Eng) Lond, AMICE, MIEE, AMIMechE		S Rajanayagam, OBE, BSc(Eng)(Lond) ACGI, AMIEE, (Secretary) Muhandiram J A L P Wijewardene, + ISO (Assistant Secretary)
1958	B D Rampala, MBE, BSc(Lond) AMIMechE, MILocoE, MinsT	- Do -	C Rasiah, BSc(Lond), BA(Cantab), AMICE
1959	T P de S Munasinghe, MICE	S Rajanayagam, OBE, BSc(Eng)(Lond) ACGI, AMIEE, (Secretary) Muhandiram J A L P Wijewardene, + ISO (Assistant Secretary)	C Rasiah, BSc(Lond), BA(Cantab), AMICE

YEAR	PRESIDENT	HONY. SECRETARY	HONY. TREASURER
1960	W T I Alagaratnam, OBE, ACE(Madras), MICE, MIWE	S Rajanayagam, OBE, BSc(Eng)(Lond),ACGI, AMIEE, Secretary) Muhandiram J A L P Wijewardene, + ISO (Assistant Secretary)	C Rasiah, BSc(Lond), BA(Cantab), AMICE
1961	D W E Meegama, BSc(Eng) Glasgow, MICE	S Rajanayagam, OBE, BSc(Eng)(Lond),ACGI, AMIEE, Secretary) Muhandiram J A L P Wijewardene, + ISO (Assistant Secretary)	C Rasiah, BSc(Lond), BA(Cantab), AMICE
1962	E C de Alwis, BSc(Eng)Lond, MICE, AMIMechE	{ S Rajanayagam, OBE, {BSc(Eng) Lond, ACGI, MIEE (Secretary) A Ragunather, BSc(Eng)Lond, AMIMechE, (Asst. Secretary) (upto 11-7-1962) A C Wickramasinghe, AMICE, AMIPHE, (Asst. Secretary)	C Rasiah, BSc(Lond), BA(Cantab), AMICE
1963	A E C de S Gunasekera, JP, MICE	S Rajanayagam, OBE, BSc(Eng)Lond ACGI, MIEE (Secretary) A C Wickramasinghe, AMICE, AMIPHE, (Asst. Secretary)	C Rasiah, BSc(Lond), BA(Cantab), AMICE
1964	H R Premaratne, BSc(Eng) Edin, MICE	S Rajanayagam, OBE, BSc(Eng)Lond ACGI, MIEE (Secretary) A C Wickramasinghe, AMICE, AMIPHE, (Asst. Secretary)	C Rasiah, BSc(Lond), BA(Cantab), AMICE
1965	E B Anketell, BSc(Eng) Glasgow, MICE, FIPHE, MIWE, MRSH	C Rasiah, BSc(Lond), BA(Cantab), MICE, MIWE(Secretary) A F Deane (Asst.Secretary & (Asst. Treasurer)	A C Wickremasinghe, AMICE, AMIPHE
1966	V C de Silva, BSc(Eng) Lond, AMICE,	C Rasiah, BSc(Lond), BA(Cantab), CEng, FICE, MIWE	A C Wickremasinghe, AMICE, AMIPHE
1967	S Arumugam, BSc(Lond), BSc(Eng)Lond, MICE, MIWE	C Rasiah, BSc(Lond), BA(Cantab), CEng, FICE, MIWE	A C Wickremasinghe, AMICE, AMIPHE
1968	Prof. R H Paul, BSc(Spl) MA(Cantab), CEng, MIEE, FRSA L C Williams, BE(Civil) Madras, MICE	C Rasiah, BSc(Lond), BA(Cantab), MICE, MIWE(Secretary) A F Deane (Asst.Secretary & (Asst. Treasurer)	A C Wickremasinghe, AMICE, AMIPHE
1969	Dr. A N S Kulasinghe, BSc(Eng) Hons(Lond)CEng, FICE, MIE(India), FIMechE	C Rasiah, BSc(Lond), BA(Cantab), CEng, FICE, MIWE	{ A F Deane, Acting Honorary Treasurer (From 6-1-69 to 30-6-69) A C Wickremasinghe, CEng, MICE AMIPHE( from 01.07.69)
1970	A McNeil Wilson, CEng, MIMechE	C Rasiah, BSc(Lond), BA(Cantab), CEng, FICE, MIWE	A C Wickremasinghe, CEng, MICE, AMIPHE
1971	V N Rajaratnam, CEng, MICE	C Rasiah, BSc(Lond), BA(Cantab), CEng, FICE, MIWE	A C Wickremasinghe, CEng, MICE, AMIPHE
1972	Dr. S L de Silva, BSc(Lond), PhD(Lond), Dip Chem. Eng.(Manch)	C Rasiah, BSc(Lond), BA(Cantab), CEng, FICE, MIWE	A C Wickremasinghe, CEng, MICE, AMIPHE
1973	Prof. T Sivaprakasapillai BSc(Lond), BSc(Eng), Lond, ACGI, CEng, FICE	C Rasiah, BSc(Lond), BA(Cantab), CEng, FICE, MIWE	A C Wickremasinghe, CEng, MICE, AMIPHE
1974	T W Mendis, CEng, FIEE, FIMechE	C Rasiah, BSc(Lond), BA(Cantab), CEng, FICE, MIWE	A C Wickremasinghe, CEng, MICE, AMIPHE

YEAR	PRESIDENT	HONY. SECRETARY	HONY.TREASURER	EXECUTIVE SECRETARY
1975	B R P Goonawardene CEng, MIMechE, FIE(Sri Lanka)	H C D de Silva, BSc(Eng)Lond, CEng, FIE(Sri Lanka), MICE	J B Weeraratne, CEng, FIE(Sri Lanka), MICE (upto 17-8-75) S H C de Silva, BSc(Eng)Lond, CEng, MIE(Sri Lanka),MICE, DHE(Delft), BC(Tech)Lond, from 18-8-75	J P Senaratne, BSc(Eng)Lond, CEng, FIE(Sri Lanka), MICE (from 1-5-75)
1976	M Chandrasena, BSc(Eng)Lond, CEng, FIE(Sri Lanka)AMIWE, MIMechE, FICE  P H Perera, BSc(Eng)Lond, CEng, FIE(Sri Lanka), MICE, MIMechE, (From 23.2.76)	H C D de Silva, BSc(Eng)Lond, CEng, FIE(Sri Lanka), MICE	S H C de Silva, BSc(Eng)Lond, CEng, MIE(Sri Lanka), MICE, DHE(Delft), BC(Tech)Lond	J P Senaratne, BSc(Eng)Lond, CEng, FIE(Sri Lanka), MICE
1977	J A S Johnpillai, CEng, FIE(Sri Lanka), FIEE, MBIM	L R L Perera, BSc(Eng), CEng, FIE(Sri Lanka), MICE, MIMechE, FIAgrE, (From 10-12-76)	S H C de Silva, BSc(Eng)Lond, CEng, MIE(Sri Lanka), MICE, DHE(Delft), BC(Tech)Lond	J P Senaratne, BSc(Eng)Lond, CEng, FIE(Sri Lanka), MICE
1978	U N Gunasekera, BSc(Eng)Lond, CEng, FIE(Sri Lanka), MIMechE	L R L Perera, BSc(Eng), CEng, FIE(Sri Lanka), MICE, MIMechE, FIAgrE,	S H C de Silva, BSc(Eng)Lond, CEng, MIE(Sri Lanka), MICE, DHE(Delft), BC(Tech)Lond	J P Senaratne, BSc(Eng)Lond, CEng, FIE(Sri Lanka), MICE
1979	Dr. K Poologasundaram, BSc(Eng), DIC, PhD, CEng, FIE(Sri Lanka), MICE, (upto 14.3.79) A R P Wijeyesekera, CEng, FIE(Sri Lanka), FIMechE, Officiating President from 15.3.79	C T Pereira, BSc(Eng), CEng, MIE(Sri Lanka), MIMechE (upto 19-4-79) D L Taldena, BSc(Eng), CEng, MIE(Sri Lanka), MEngSc(NSW) (from 19-4-79)	W Premaratne, BSc, CEng, FIE(Sri Lanka), FIMechE, MIProdE	J P Senaratne, BSc(Eng)Lond, CEng, FIE(Sri Lanka), MICE
1980	A R P Wijeyesekera, CEng, FIE(Sri Lanka), FIMechE	M R Prelis, BSc(Eng), MS(Purdue USA), CEng, FIE(Sri Lanka), AIIE(USA), MIMechE	G J P Gunawardane, BSc(Eng), CEng, FIE(Sri Lanka), MICE	J P Senaratne, BSc(Eng)Lond, CEng, FIE(Sri Lanka), MICE
1981	T Wijesinghe, BSc(Eng), MEng(NSW), CEng, FIE(Sri Lanka), MICE (upto 28.11.80) A Maheswaran, BSc(Eng), CEng, FIE(Sri Lanka), MICE	L J Weeraratne, BSc(Eng), CEng, MICE, FIE(Sri Lanka), (upto 30-1-81) P A Subramaniam, BSc(Eng), MSc, CEng, FIE(Sri Lanka), MICE (from 30.01.81)	L R L Perera, BSc(Eng), CEng, FIE(Sri Lanka), MICE, MIMechE, FIAgrE	J P Senaratne, BSc(Eng)Lond, CEng, FIE(Sri Lanka), MICE
1982	Dr. S M A Perera, BSc(Eng), DIC, PhD, CEng, FIE(Sri Lanka), MICE	P A Subramaniam, BSc(Eng), MSc, CEng, FIE(Sri Lanka), MICE (upto (15.03.82) A D S Gunawardana, BSc(Eng), DIC, CEng, MIE(Sri Lanka) (from 5-4-82)	S H C de Silva, BSc(Eng)Lond, DHE(Delft), CEng, FIE(Sri Lanka), Assoc. BC(Tech)Lond, MICE	J P Senaratne, BSc(Eng)Lond, CEng, FIE(Sri Lanka), MICE
1983	L Sydney de Silva, BSc(Eng), Dip.CE(CTC), CEng, FIE(Sri Lanka), FICE, FCIT, FPWI(Eng)	A D S Gunawardana, BSc(Eng), DIC, CEng, MIE(Sri Lanka)	M C Opatha, BSc(Eng), CEng, MIE(Sri Lanka)	J P Senaratne, BSc(Eng)Lond, CEng, FIE(Sri Lanka), MICE

<b>YEAR</b>	<b>PRESIDENT</b>	<b>HONY. SECRETARY</b>	<b>HONY. TREASURER</b>	<b>EXECUTIVE SECRETARY</b>
1984	L R L Perera BSc(Eng), CEng, FIE(Sri Lanka), MICE, MIMechE, FIAgriE	R L de S Munasinghe, DipCE, CEng, FIE(Sri Lanka)	M C Opatha, BSc(Eng), CEng, MIE(Sri Lanka)	J P Senaratne, BSc(Eng)Lond, CEng, FIE(Sri Lanka), MICE
1985	W Premaratne BSc., CEng, FIE(Sri Lanka) FIMechE, MIProde, JPUM	H E G F de Silva, BSc(Eng), CEng, FIE(Sri Lanka), FIEE	M C Opatha, BSc(Eng), CEng, MIE(Sri Lanka)	J P Senaratne, BSc(Eng)Lond, CEng, FIE(Sri Lanka), MICE
1986	Prof. K K Y W Perera BScEng, MSc, PhD, CEng, FIE(Sri Lanka),FIEE(Lond), MIEEE,	D L Taldena, BSc(Eng), MEngSc, CEng, MIE(Sri Lanka), MIEE	M C Opatha, BSc(Eng), CEng, MIE(Sri Lanka)	J P Senaratne, BSc(Eng)Lond, CEng, FIE(Sri Lanka), MICE
1987	D L O Mendis, BScEng, MSc(Agri), CEng, FIE(Sri Lanka),	D L Taldena, BSc(Eng), MEngSc, CEng, MIE(Sri Lanka), MIEE	A D S Gunawardena, BSc(Eng), DIC, CEng, MIE(Sri Lanka)	J P Senaratne, (upto 31-7-1987) D D S Jayawardena, CEng, FIE(Sri Lanka), FIMechE (from 1-8-87)
1988	G J P Gunawardane, BSc(Eng), DIC, MSc(Eng), CEng, FIE(Sri Lanka)	E J Sunil Perera, BSc(Eng), MEng, PGDip(Indust.Eng.), CEng, FIE(Sri Lanka)	S Panchacharavel, BSc(Eng), CEng, FIE(Sri Lanka), MICE	D D S Jayawardena, CEng, FIE(Sri Lanka), FIMechE
1989	S M B Dolapihilla, FIMechE, MIMarE, CEng, FIE(Sri Lanka)	E J Sunil Perera, BSc(Eng), MEng, PGDip(Indust.Eng.), CEng, FIE(Sri Lanka)	D B J Ranatunga, BSc(Eng), MEngSc, CEng, FIE(Sri Lanka)	D D S Jayawardena, CEng, FIE(Sri Lanka), FIMechE
1990	Prof.A Thurairaja, BSc(Eng), PhD(Cantab), CEng, FIE(Sri Lanka), FICE, FNAS	E J Sunil Perera, BSc(Eng), MEng, PGDip(Indust.Eng.), CEng, FIE(Sri Lanka)	D B J Ranatunga, BSc(Eng), MEngSc, CEng, FIE(Sri Lanka)	D D S Jayawardena, CEng, FIE(Sri Lanka), FIMechE
1991	D G Senadhipathy, BScEng, CEng, FIE(Sri Lanka),MIEE	Mrs. D G G Karunaratne, MSc(Civil), MEng(Env.Eng.), FIE(Sri Lanka), MICE	N Saravanapavananthan, BSc(Eng)Hons(Lond), FIE(Sri Lanka), FIWE	D D S Jayawardena, CEng, FIE(Sri Lanka), FIMechE
1992	Prof. D S Wijeyesekera DEC(Eng), PhD(Edin), FIE(Sri Lanka), FCIT(Lond), FIET(Lond), MICE(Lond)	Ms. L P Batuwitage, MSc(Ireland), MEng(SL), CEng, MIE(Sri Lanka)	L Tilakaratna, BScEngHons, CEng, MIE(Sri Lanka), MIMechE	D D S Jayawardena, CEng, FIE(Sri Lanka), FIMechE
1993	Prof. S Karunaratne BScEng(Hons) Cey, DipEE(Lond), MScEng(Glasgow), CEng, FIE(Sri Lanka),FIEE(Lond)	N N Kamaladasa, BSc(Eng), CEng, MIE(SL) (upto 7.1.1993) D L Taldena, BSc(Eng), MEngSc,CEng, FIE(Sri Lanka), MIEE, (from 7.1.1993)	L Tilakaratna, BScEngHons, CEng, MIE(Sri Lanka), MIMechE	D D S Jayawardena, CEng, FIE(Sri Lanka), FIMechE
1994	Rear Admiral K R L Perera VSV, BSc Eng, MSc, CEng, FIE(Sri Lanka), FIMechE, FIMarE	L W Seneviratne, BSc Eng, PG.Dip, MEng(Hydrol), CEng, FIE(Sri Lanka), MIAH, MICE	L Tilakaratne, BSc Eng Hons, CEng, MIE(Sri Lanka), MIMechE	D D S Jayawardena, CEng, FIE(Sri Lanka), FIMechE
1995	Dr. Tudor Gunawardhana, BSc Eng, MEngSc, PhD, CEng, FIE(Sri Lanka), FNASc	H D S de Alwis, BSc Eng, Grad.Dip(Aust), MAppSc(Aust), CEng, MIE(Sri Lanka)	L Tilakaratna, BScEngHons, CEng, MIE(Sri Lanka), MIMechE	D D S Jayawardena, CEng, FIE(Sri Lanka), FIMechE
1996	Denzil Senanayake BSc Eng(Cey), DIP HE(Surrey), CEng, FIE(Sri Lanka)	H D S de Alwis, BSc Eng, Grad.Dip(Aust), MAppSc(Aust), CEng, MIE(Sri Lanka)	L Tilakaratna, BScEngHons, CEng, MIE(Sri Lanka), MIMechE	D D S Jayawardena, CEng, FIE(Sri Lanka), FIMechE

<b>YEAR</b>	<b>PRESIDENT</b>	<b>HONY. SECRETARY</b>	<b>HONY. TREASURER</b>	<b>EXECUTIVE SECRETARY</b>
1997	S H C de Silva, BSc Eng, DHE(Delft), CEng, FIE(Sri Lanka), MICE, FIE(India)	H D S de Alwis, BSc Eng, Grad.Dip(Aust), MAppSc(Aust), CEng, MIE(Sri Lanka)	K W Perera, BSc Eng, CEng, MIE(Sri Lanka)	D D S Jayawardena, CEng, FIE(Sri Lanka), FIMechE
1998	A N P Wickremasuriya BSc Eng, CEng(SL), FIE(Sri Lanka), CEng(UK), FIMechE,	H D S de Alwis, BSc Eng, Grad.Dip(Aust), MAppSc(Aust), CEng, MIE(Sri Lanka)	N Saravanapavananthan BSc Eng, (Hons) (Lond), FIWE, FIE(Sri Lanka) (upto 4/9/98) M C Opatha, BSc Eng, CEng, FIE(Sri Lanka), (From 4/9/98)	D D S Jayawardena, CEng, FIE(Sri Lanka), FIMechE
1999	D G D C Wijeratne BSc Eng, MEng, CEng, FIE(Sri Lanka), FIEE	K L T S de Silva, BSc Eng, MEng.Sc.(NSW), Dip. Env.Law(ANU), CEng, FIE(Sri Lanka), MIE(Aust), MICE,	M Zubair BSc Eng, Dip.EE, CEng, FIE(Sri Lanka), FIEE	D D S Jayawardena, CEng, FIE(Sri Lanka), FIMechE
2000	Ms. R L Haturusinha BSc Eng, ME(WRD)Roorkee, CEng, FIE(Sri Lanka)	K L T S de Silva, BSc Eng, MEng.Sc.(NSW), Dip. Env.Law(ANU), CEng, FIE(Sri Lanka), MIE(Aust), MICE,	M M P Perera BSc Eng(Hons), CEng, MIE(Sri Lanka)	D D S Jayawardena, CEng, FIE(Sri Lanka), FIMechE
2001	(Gp.Capt) P Mervyn Gunasekera BSc Eng, MSc(Const.Mgt), CEng, FIE(Sri Lanka), MICE, MASCE, AIFE(UK), CCE,	H D S de Alwis, BSc Eng, Grad.Dip(Aust), MAppSc(Aust), CEng,MIE(Sri Lanka)	M M P Perera BSc Eng(Hons), CEng, MIE(Sri Lanka)	D D S Jayawardena, CEng, FIE(Sri Lanka), FIMechE (upto 31-10-2001)
2002	B R O Fernando GFH(Lond), DFH(Lond), CEng, FIE(Sri Lanka), FIEE, FISMM(UK),	M Zubair, BSc Eng, Dip.EE, CEng, FIE(Sri Lanka), FIEE	M M P Perera, BSc Eng(Hons), CEng, FIE(Sri Lanka)	Russel de Zilwa BSc Eng, CEng, FIE(Sri Lanka), FIMechE(UK) (from 1-11-2001)
2003	Prof. L L Ratnayake BSc Eng(Hons), MSc(B'ham), CEng, FIE(Sri Lanka), MCILT(Lond)	R J Gunawardana BSc Eng, CEng, FIE(Sri Lanka)	M M P Perera BSc Eng(Hons), CEng, FIE(Sri Lanka)	Russel de Zilwa BSc Eng, CEng, FIE(Sri Lanka), FIMechE(UK)
2004	Priyal De Silva BSc Eng, MEng (Moratuwa), CEng, FIE(Sri Lanka), FCILT(Lond), FPWI(England), FIE(Aust), CPEng	S Panchacharavel BSc Eng, CEng, FIE(Sri Lanka), MICE	Madhawa Perera BSc Eng, CEng, FIE(Sri Lanka),	Russel de Zilwa BSc Eng, CEng, FIE(Sri Lanka), FIMechE(UK)
2005	L C R De Silva BSc Eng, CEng, FIE(Sri Lanka), MIMechE	Tudor Munasinghe Dip.Civ.Eng, PGDip(WRE), MICE(UK), MISTRUCTE(UK) MCIWEM(UK), CEng, MIE(Sri Lanka) (upto 4/3/2005)	Madhawa Perera BSc Eng, CEng, FIE(Sri Lanka),	Russel de Zilwa BSc Eng, CEng, FIE(Sri Lanka), FIMechE(UK)
2006	D B J Ranatunga BSc Eng (Hons), MEng Sc, MBA, CEng, FIE(Sri Lanka),	M Zubair, BSc Eng, Dip.EE, CEng, FIE(Sri Lanka), FIEE (from 1/4/2005) M Zubair BSc Eng, Dip.EE, CEng, FIE(Sri Lanka), FIEE	Madhawa Perera BSc Eng, CEng, FIE(Sri Lanka),	Russel de Zilwa BSc Eng, CEng, FIE(Sri Lanka), FIMechE(UK)
2007	D L Taldena BSc Eng(Hons), MEngSc(NSW Aust), IntPE, CEng, FIE(Sri Lanka, MIET	Gratian A Peiris BSc Eng, CEng, MIE(Sri Lanka)	Madhawa Perera BSc Eng, CEng, FIE(Sri Lanka),	Russel de Zilwa BSc Eng, CEng, FIE(Sri Lanka), FIMechE(UK) (upto 28-01-2008)

<b>YEAR</b>	<b>PRESIDENT</b>	<b>HONY. SECRETARY</b>	<b>HONY. TREASURER</b>	<b>EXECUTIVE SECRETARY</b>
2008	R J Gunawardana BSc Eng, MBA, CEng, FIE(SL)	E A L Sarathchandra BSc Eng, IntPE, CEng, MIE(SL)	J Meegoda BSc Eng(Hons), MBA(SJP), PGDip(Norway), CEng, FIE(SL), MIEE	Dhammika Welhenge BSc Eng, CEng, MIE(SL) (from 01-01-2008 to 31-01-2009)
2009	D P Mallawaratchie BScEng(Hons), MAsc(Canada), CEng, FIE(SL), MICE (upto 25-05-2009)  H D S De Alwis, BSc Eng, Grad.Dip(Canberra), MApp Sc(Canberra), CEng, FIE(Sri Lanka), IntPE(Sri Lanka), MCIWEM(UK) (President-Elect) Officiated as President (from 26/5/2009)	Dr. S A K Abayawardana BScEng(Hons),Dip.ChemE.(UCL), PhD(Lond), DIC, CEng, FIE(SL), IntPE(Sri Lanka), FIChemE(Lond),	J Meegoda BSc Eng(Hons), MBA(SJP), PGDip(Norway), CEng, FIE(SL), MIEE	Ms. A Wimalasuriya BSc Eng, CEng, MIE(SL), MIEE (from 08-07-2009)
2010	Dr. H D S De Alwis BSc Eng, Grad.Dip(Canberra), MApp Sc(Canberra), DEng, CEng, FIE(SL), MCIWEM(UK) (upto 20-08-2010)  Prof. A K W Jayawardane BSc Eng(MRT), MSc(Lough), PhD(Lough), CEng, FIE(SL), IntPE(Sri Lanka) – (President- Elect) Officiated as President (from 21/08/2010)	D D S Jayawardena, CEng, FIE(SL), FIMechE	S A D A Subasinghe MSc(Q&R)Eng, MIET, MIMechE, CEng, FIE(SL) (upto 31/12/2009)  M K Chandrasekera BSc Eng, CEng, FIE(SL), IntPE(Sri Lanka) (from 01/01/2010)	Ms. A Wimalasuriya BSc Eng, CEng, MIE(SL), MIET
2011	Prof. A K W Jayawardane BSc Eng(MRT), MSc(Lough), PhD(Lough), CEng, FIE(SL), IntPE(Sri Lanka)	K D Abeysiriwardena BSc Eng, PGDip(SE), CPEng, MIE(Aust), CEng, MIE(SL), MIET	J Meegoda BSc Eng(Hons), MBA(SJP), PGDip(Norway), CEng, FIE(SL), MIET	Ms. A Wimalasuriya BSc Eng, CEng, MIE(SL), MIET
2012	Dr. Ananda Ranasinghe BSc Eng(Hons), PhD, MTech(Const.Mgmt), MEng(Struct Eng), CEng, FIE(SL), IntPE(Sri Lanka), AIStructE, MICE, Attorney-at- Law	P M P Wijeratne BSc Eng, CEng, MIE(SL), MIEP(Sri Lanka), CMTMI, APGBC(SL), ACB	J Meegoda BSc Eng(Hons), MBA(SJP), PGDip(Norway), CEng, FIE(SL), MIET	Ms. A Wimalasuriya BSc Eng, CEng, MIE(SL), MIET
2013	Tilak De Silva, BSc Eng., MSc, FBCS, FIET, CEng, FIE(SL), MIEEE, CITP	K S Mangala Silva, BSc Eng(Hons), MEng(Structural), MSSE(SL), CEng, MIE(SL)	P C C Perera, BSc Eng(Hons), Dip(Com.Arb), CEng, MIE(SL)	Ms. A Wimalasuriya BSc Eng, MIET, CEng, MIE(SL)
2014	W J L S Fernando, BSc Eng.(Hons), MEng, MIET, CEng, FIE(SL)	P C C Perera, BSc Eng(Hons), Dip(Com.Arb), CEng, MIE(SL)	A P R De Silva, BSc Eng(Hons), MEng(Const. Mgt.), CEng, MIE(SL)	Ms. A Wimalasuriya BSc Eng, MIET, CEng, MIE(SL)
2015	Dr. S B Wijekoon, BSc Eng,	J A G R Jayalath, BSc Eng(Hons), MEng, MEcon, PGDip(CM),	A P R De Silva, BSc Eng(Hons),	Ms. A Wimalasuriya

	MEng, MBA, D.Tech, MICE, FIPM(SL), CEng, FIE(SL), IntPE(Sri Lanka)	PGDip.(IT), FIHT(UK), MIRC(India), MCILT, CEng, FIE(SL)	MEng(Const. Mgt.), CEng, MIE(SL)	BSc Eng, MIET, CEng, MIE(SL) (upto December 31, 2015)
2016	Wimalasena Gamage, BSc Eng, PGDip.Eng.Hy (Delft), PGDM(OUSL), CEng, FIE(SL)	J A G R Jayalath,BSc Eng(Hons), MEng, MEcon (SL), PGDip(CM), PGDip.(IT), FIHT(UK), MIRC(India), MCILT, CEng, FIE(SL)	A P R De Silva, BSc Eng(Hons), MEng(Const. Mgt.), CEng, FIE(SL)	Dr. L Jagath A Peiris BSc Eng, MBA, DBA, MIET (UK), MSOE(UK), MIPlantE(UK), IntPE(Sri Lanka), CEng, FIE(SL), (upto February 20, 2017)
2017	Jayavilal Meegoda, BSc Eng(Hons), CEng, FIE(SL), Int PE, MBA, PGDip(Norway), MIEEEE(USA)	J A G R Jayalath, BSc Eng, MEng (NL), MEcon (SL), PGDip(CM), PGDip(IT), FIHT(UK), CEng, FIE(SL), MIRC (India), MCILT	A P R De Silva, BSc Eng(Hons), MEng(Const. Mgt.), CEng, FIE(SL)	W N A M Abeysekera, MCPM, CEng, MIE(SL)
2018	Prof.(Mrs.) N Ratnayake, BSc Eng(Hons), MEng(Wales), MIEPSL, CEng, FIE(SL)	K S Mangala Silva, BSc Eng(Hons), MEng(Structural), MSSE(SL), CEng, MIE(SL)	M G Hemachandra, BSc Eng(Hons), Dip(Mgmt), Dip. in Com. Arbitration, MBA(Infrastructure), CEng, MIE(SL)	W N A M Abeysekera, BSc Eng, MSc(B.Admin), MCPM, CEng, MIE(SL)
2019	Prof. T M Pallewatta, BSc Eng (Hons), MEng, D.Eng, FIAE(SL), CEng, FIE(SL), IntPE(Sri Lanka)	K S Mangala Silva, BSc Eng(Hons), MEng(Structural), MSSE(SL), CEng, MIE(SL)	M G Hemachandra, BSc Eng(Hons), Dip(Mgmt), Dip. in Com. Arbitration, MBA(Infrastructure), CEng, MIE(SL)	W N A M Abeysekera, BSc Eng, MSc(B.Admin), FCPM, CEng, MIE(SL)
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