IEEE Sri Lanka Section Report -2022

A.1 Executive Summary

- Section Executive Committee Member List - 2022

Chair	Prof. Pradeep Abeygunawardhana
Chair (Elect)	Prof. Buddhika Jayasekara
Immediate Past Chair	Dr. Maheshi Dissanayake
Secretary	Dr. Waranatha Abeygunasekara
Treasurer	Dr. Asitha Kulasekara
Assistant Secretary	Ms. Warunika Hippola
Assistant Treasurer	Mr. Peshan Sampath
Editor	Dr. Ahilan Kanagasundaram
Committee Members	Mr. Chamika Sudusinghe
	Dr. Lochandaka Ranatunga
	Dr. Pubudu Jayasena
	Mr. Sidath Weerasinghe
	Dr. Anuradha Jayakody

- Section Highlights
  - held 10 Executive Committee meetings, and 2 Section - Chapter/Subsection coordination meetings.
  - Technical Co-sponsorship for 10 conferences

- Major Events (International, National)
  - Electronic Design Competition
  - IEEE Sri Lanka Section 3MT Competition
  - IEEE SLSYW Congress
  - IEEE Techverse Sri Lanka
  - IEEE Sri Lanka Section Family Get Together
  - IEEE Sri Lanka Section Awards Night

- Major Chapter Activities - detailed in B.2

- Major Student and Affinity Group Activities - detailed in B.4

- Awards
  - Special Recognition for the Best Humanitarian Project Award
  - Special Recognition for Innovative/ Creative Project Award
  - Special Recognition for Fellows

- o Outstanding Branch Counsellor or Advisor Award
- o Outstanding Industry Partner
- o Best Industry Collaborative Project Award (SB OU Category)
- o Best Industry Collaborative Project Award (Section OU Category)
- o Special Recognition for Membership Recruitment & Retention
- o Best Affinity Group Project Award (Student AG Category)
- o Best Affinity Group Project Award (Section AG Category)
- o Best Technical Chapter Project Award (Student Chapter)
- o Best Technical Chapter Project Award (Section Chapter)
- o Section Outstanding Volunteer Award (Student Category)
- o Section Outstanding Volunteer Award (Member Category)
- o Best Student Branch Project Award
- o Best Sectional Project Award
- o Outstanding Student Branch Award

A.2 Financial Report – (Please follow the format given below)

- Summary (as per submitted on NetSuite)

	USD account Acc No. 8770020705	LKR account Acc No. 1100022595
Bank opening balance as at 01-Jan-2021	18,433.86	6,103,292.90
Income	2,018.45	19,367,592.26
Expenses	(795.00)	(14,849,478.68)
Bank closing balance as at 31-Dec-2021	19,657.31	10,621,406.48
Bank statement balances as at 31-Dec-2021	19,657.31	10,621,406.48

	Acc No. 3100050690	Acc No. 3100050691	Acc No. 3100050692
Bank opening balance as at 01-Jan-2021	149,898.29	149,898.29	149,898.29
Income	-	-	-
Expenses	-	-	-
Bank closing balance as at 31-Dec-2021	149,898.29	149,898.293	149,898.29
Bank statement balances as at 31-Dec-2021	149,898.29	149,898.29	149,898.29

- Any other financial activities: None

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years.

Member category	2022	2021	2020
Fellow	1	1	1
Life Fellow	1	1	1
Life Senior Member	1	1	1
Life Member	0	1	1
Senior Member	83	76	63
Member	714	813	619
Graduate Student Member	103	131	105
Associate Member	15	19	17
Student Member	1734	2314	1744

- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members

    ■ IEEE Boost: This is the annual membership development event conducted for all Student Branches in IEEE Sri Lanka Section. It was held on the 2nd and 3rd of July 2022.
    ■ Spread the Word: This was a membership drive event conducted targeting the student branches with low memberships; namely; IEEE Student Branch of OUSL, IEEE Student Branch of UVT and IEEE Student Branch of NIBM. This was held on the 04th September 2022 at Trace Expert City.
    ■ Three membership development programs were conducted at Student Branches specifically to encourage members to perform well at the following student branches.
        ○ IEEE Student Branch of OUSL
        ○ IEEE Student Branch of UVT
        ○ IEEE Student Branch of University of Peradeniya

B.2 Chapter Activities

- Total number of Chapters in the Section - IEEE SL Section has 10 Technical Chapters as of the end of 2022.
- Number of Chapters formed in the current year : no chapters were formed in 2022
- Number of active Chapters (Chapters who have reported required number of meetings during the year)
- Summary of Chapter activities (Chapter wise with attachment table/information)

    - IEEE Engineering in Medicine and Biology
        o Webinar on Miniaturized Electromagnetic Sensors and Cellular Biomanufacturing Strategies for Combating Cancer and Obesity.
        o Global Future of Robot Technology - Assisted Neurorehabilitation.
        o Workshops in collaboration with the Y2NPro EMBS community.

    - IEEE Computer Society Sri Lanka
        o Awareness Session - IEEE Computer Society Strategies, Awards, and Scholarships
        o IEEE CS TechX two-day event.
        o CS-Talks webinar series and
        o Collaborated with SLSAC to conduct the CS SYP Congress 2022.

- IEEE Power and Energy Society Sri Lanka
  - "Phasor Measurement Units" Workshop Series in collaboration with Y2NPro
  - Technical Co-sponsorship to MERCon 2022.
  - Several webinars were conducted.

- IEEE Industry Applications Society Sri Lanka
  - IEEE IAS Sri Lanka Chapter Congress 2022

- IEEE ComSoc Sri Lanka
  - Guest Talk on Machine Learning for Wireless Communications
  - TELECONNECT - Telecommunication Workshop Series
  - Guest Talk on ''Visible Light Positioning: From Indoor to Underwater Scenarios''.

- IEEE Signal Processing Society Sri Lanka
  - Conducted 4 Webinars on;
    - Modelling And Integration With Machine Learning
    - Webinar On 6G Mobile Network Security And Privacy: Vision Towards Reality
    - Differentiable Microscopy For High-Throughput Imaging
    - Data-Driven Optical Coding Optimization In Computational Imaging

B.3 Professional and Continuing Education Activities

1. Electronic Design Competition: This is an annually organized event of the IEEE Sri Lanka Section. In the competition, undergraduates in Sri Lanka universities design and implement projects to find a solution to a real-life problem using electronics, and other relevant technologies. Each team is composed of 4 undergraduates and one team member must be an IEEE student member. For the year 2022, the competition was initiated in October 2022, and 10 teams have registered so far. The final round of this event is planned to be held on 3rd December 2022.

2. IEEE SL Section 3MT Thesis Competition: This competition is organised for the Second time by IEEE Sri Lanka Section in 2022 .as an initiation to attract and retain Graduate Student members while giving them an opportunity to showcase their research output to a general audience. The competition for 2022 was initiated in October 2022, and so far 10 applicants have registered. The final round of this event is planned to be held on 3rd December 2022.

3. Talk on "Intellectual Property Framework for Protection of Creativity" was held on 07th October 2022, via zoom platform. Prof. J A K S Jayasinghe (Senior Professor, University of Moratuwa, Sri Lanka) and Dr. Manjula Sandirigama (Senior Lecturer, University of Peradeniya, Sri Lanka) have participated as guest speakers and Dr. Lochandaka Ranatunga (Senior Lecturer, University of Moratuwa, Sri Lanka) has moderated the session.

4. IEEE SL Section provided Technical co-sponsorship for 10 conferences in the year 2022. The details are as follows,

- SLAAI International Conference on Artificial Intelligence (SLAAI-ICAI-2022)
- International Conference on Advancements in Computing 2022 (ICAC 2022)
- Moratuwa Engineering Research Conference (MERCon 2022)
- International Conference on Advances in Technology and Computing (ICATC 2022)
- International Conference on Information Technology Research (ICITR 2022)
- International Conference on Advances in ICT for Emerging Regions (ICTer 2022)

- Smart Computing & Systems Engineering (SCSE 2022)
- International Conference on Advanced Research in Computing (ICARC 2023)
- International Conference on Industrial and Information Systems (ICIIS 2023)
- International Conference on Innovations in Info-business & Technology (ICIIT 2023)

B.4 Students Activities

- Total number of Student Branches in the Section
  - There are 21 student branches in the Section.

- Number of Student Branches formed in the current year:

  A petition has been already submitted for one student branch and it is under review at R10.

  8 Student Branch Chapters were formed in the year 2022 as detailed below,
  - Computation Intelligent Society – University of Jaffna
  - Electronics Device Society – University of Jaffna
  - Industry Application Society – University of Uwa Wellassa
  - Communication Society – Kothalawala Defense Academy
  - Engineering in Medicine and Biology Society – SLIIT
  - Computer Society – Sabaragamuwa University
  - Nuclear & Plasma Sciences Society – University of Moratuwa
  - Section level student activities (student congress, paper and other contests, awards etc)
  - Number of active Student Branches (Student Branches who have reported required number of meetings during the year)

- Summary of Student Branch activities (Student Branch wise with attachment table/information)

Total number of Student Branches	21	
Total number of Student Branch Chapters	41	
Total number of Student Branch WIE Affinity Groups	15	
Total number of events related to students	Student Activities Committee	Student Branch
	7	110
Funding support provided by the section	IEEE R10 SAC MDLT Fund 2022 (Matching Fund Policy) - $400.00 (to be reimbursed)	
Funding support provided by other sources of funding	IEEE R10 SAC MDLT Fund 2022 - $400 IEEE R10 SAC SSBR Fund 2022 - $200 IEEE Computer Society (Congress Fund) - $10,000 IEEE YP Meetup Fund - $1,500 IEEE IES Congress Fund (Congress Fund) - $1,000 IEEE Students (SPAX Fund) - $400	
Events (SAC)	IEEE Sri Lanka Section Congress 2022	Largest Gathering in IEEE Sri Lanka Section to guide new and experienced volunteers with 200+ attendees on the 16th, 17th and 18th of September 2022 (physically)

	IEEE Sri Lanka Section Awards Night 2022 (individual awards)	Held on 17th September 2022, as an in parallel with IEEE SL SYW Congress 2022 to recognize the effort of enthusiastic volunteers with 200+ attendees
	Quarterly SAC & SB Chairs Meetings	Quarterly meetings with the Student Branch Chairs for the year 2022; first meeting on 27th March 2022 with 19 attendees, the second meeting on 30th May 2022 with 50 attendees, and the third meeting on 15th August 2022 with 45 attendees
	Volunteer Briefing Session - IEEE Sri Lanka Section SAC & National Projects	A session to clarify the volunteering opportunities, job roles of them, and how to stand out from the others in application filling for volunteer roles on 14th February 2022 with 200 participants.
	Spread the Word (Student Membership Retention Activity)	Spread the Word was conducted with the aim of increasing IEEE membership within the inactive Student Branches in the IEEE Sri Lanka section while providing the participants with insight into gaining the best out of their membership on 04th September 2022.
	IEEE Boost	IEEE Boost was conducted with the aim of increasing IEEE membership within the Student Branches in the IEEE Sri Lanka section while providing the participants with insight into gaining the best out of their membership on 08th and 09th July 2022 with 300 attendees.
	IEEE Techverse Sri Lanka	Techverse is a Meetup Series and Podcasts with different cutting-edge technological topics which are currently conducted virtually for the year 2022
Proof and evidence in revitalising inactive or dormant Student Branches and Chapters	After analysing the activity levels of the SBs, three SBs were identified as inactive to an extent which was IEEE SB of OUSL, IEEE SB of UVT and IEEE SB of NIBM. Thereby, utilizing the funds of SSBR fund from R10 SAC, a program was organized to support them to organize more activities.
Section support in volunteer training and new initiatives	Supporting in organizing IEEE Andaheraya which is an orientation program and an open day about IEEE for the student community (to be held in early January)

Student Branch	University	No of Events
IEEE Student Branch of University of Moratuwa	University of Moratuwa	7
IEEE Student Branch of University of Jaffna	University of Jaffna	15
IEEE Student Branch of Informatics Institute of Technology	Informatics Institute of Technology	6
IEEE Student Branch of General Sir John Kotelawala	General Sir John Kotelawala Defence	7

Defence University	University	
IEEE Student Branch of University of Colombo School of Computing	University of Colombo School of Computing	8
IEEE Student Branch of Uva Wellassa University	Uva Wellassa University	10
IEEE Student Branch of National School of Business Management	National School of Business Management	6
IEEE Student Branch of University of Peradeniya	University of Peradeniya	5
IEEE Student Branch of University of Vavuniya	University of Vavuniya	7
IEEE Student Branch of Sri Lanka Technological Campus	Sri Lanka Technological Campus	2
IEEE Student Branch of Sri Lanka Institute of Information Technology	Sri Lanka Institute of Information Technology	4
IEEE Student Branch of University of Ruhuna	University of Ruhuna	5
IEEE Student Branch of University Of Kelaniya	University Of Kelaniya	3
IEEE Student Branch of Wayamba University of Sri Lanka	Wayamba University of Sri Lanka	2
IEEE Student Branch of University of Vocational Technology	University of Vocational Technology	2
IEEE Student Branch of University of Sri Jayewardenepura	University of Sri Jayewardenepura	3
IEEE Student Branch of Sabaragamuwa University of Sri Lanka	Sabaragamuwa University of Sri Lanka	2
IEEE Student Branch of Rajarata University of Sri Lanka	Rajarata University of Sri Lanka	2
IEEE Student Branch of South Eastern University of Sri Lanka	South Eastern University of Sri Lanka	0
IEEE Student Branch of Open University of Sri Lanka	Open University of Sri Lanka	0
IEEE Student Branch of National Institute of Business Management	National Institute of Business Management	0

B.5 Affinity Group Activities

- Young Professional (YP)
  - o #1 Active AG globally based on events as of Nov '22
  - o 60+ events with 100+ resource persons under national-level projects.
  - o 30+ national and industry partnerships.
  - o New Sub-Committee structure with 15 Focus Areas.
  - o 250+ volunteers impacting 10,000+ individuals throughout the year.
  - o Received 3 R10 Funds, 2 YP Global Funds, 1 STEM Fund, and 2 Chapter Funds.
  - o Introduced 2 Funding lines for Student Branches.
  - o Supported 10 SB Projects with INSL Fund.
  - o Supported 2 SB Proposals with YPSL LIFT Fund.
  - o Received IEEE R10 Young Professionals Outstanding Volunteer (Industry) Award
  - o Volunteer Development
    - ▪ IEEE NextStep - a three-day membership & leadership development event held in hybrid mode for all the volunteers attached to IEEE Young Professionals Sri Lanka.

- ▪ Volunteering 101 - A task-oriented training program focused on fulfilling the basic skill requirements of the volunteers in IEEE Young Professionals Sri Lanka.
  - o StudPro project was able to reach an audience of 2500+ involving 18 companies at the StudPro career fair.
  - o INSL project was able to reach an audience of 2100+ direct audience, with the involvement of 60+ resource personnel and conduct sessions in all the 9 provinces.

- ● Women In Engineering (WIE)
  - o <u>Smart Agriculture Webinar</u>: A webinar was held on the 28th of July, 2022 as to create awareness on the issues in the Agricultural field which can be solved by technology. This was conducted by Prof. Pradeep Abygunawardana, Professor, SLIIT and Chair of IEEE Sri Lanka Section. This was attended by more than 30 undergraduates. This also was a lead session to the Code with WIE 2022 where this competition is focusing on bringing smart solutions for agriculture related issues.
  - o <u>IEEE WIE Session at the SLYC Congress</u>: IEEE Women in Engineering affinity group had a session at the SLSYW Congress held on the 15th, 16th and 17th of September, 2022. Initially an introduction to IEEE WIE was given and then the students were given activities to plan events to groom next generation engineers. The best plans will be selected and provided support to implement these activities.
  - o <u>Code with WIE</u>: Code with WIE 2022 has been launched with the theme Smart Technological Solutions for Sustainable Agriculture. The application was open till mid August and now the teams are working on implementing a solution for the identified problem. The finale of Code with WIE will be held in December 2022.
  - o <u>WIE Symp 2022</u>: 3rd Women in Engineering Symposium organised by the IEEE WIE affinity group of Sri Lanka will be held on the 19th of November, 2022. The abstracts were received from many researchers both locally and globally. After the review process, the selected papers have been now invited to submit the papers and are invited for the presentation on the day of the conference.

- ● Life Member (LM) N/A

B.6 Awards & Recognition Activities

1<u>. IEEE Sri Lanka Section Awards Night 2021</u>:

The Annual Awards ceremony of IEEE Sri Lanka Section is conducted in order to recognize the activities currently undergoing in the Section and identify those that cater to the needs of all stakeholders. Ranging from students and academia to the industry, the awards will admire the hard work and commitment of all enthusiastic IEEE volunteers in the best way possible, with the presence of prestigious IEEE leaders. IEEE Sri Lanka Section Awards Night 2021 was conducted in parallel to the IEEE Sri Lanka Section SYW Congress to recognise the volunteers who have made significant contributions to IEEE Sri Lanka, IEEE Region 10 and IEEE MGA. Six awards were presented this year, which include Section Outstanding Volunteer (Student Category), Section Outstanding Volunteer (Member Category), Section Outstanding WIE Volunteer Award (Member Category), Section Outstanding Young Professionals Volunteer Award (Academician) Section Outstanding Young Professionals Volunteer Award (Industry Practitioner) and Section Outstanding Branch Counselor or Advisor Award. (vTools Link: https://events.vtools.ieee.org/m/329890)

- ● Award constituted by the Section

Special Activities Awards	Best Sectional Project Award	IEEE SL SYW Congress in Collaboration with IEEE CS SYP Global Congress 2022
	Best Technical Chapter Project Award (Section Chapter)	It's all about BME - Workshop Series on MRI - IEEE Engineering in Medicine & Biology Society Sri Lanka Chapter in collaboration with Y2NPRO
	Best Affinity Group Project Award (Section AG Category)	The Journey To Your Dream - IEEE Sri Lanka Section SIGHT
	Best Industry Collaborative Project Award (Section OU Category)	IEEE StudPro 5.0 - IEEE Young Professionals Sri Lanka
	Special Recognition for the Best Humanitarian Project	Sihinayata Athwelak - IEEE Uva Wellassa University Student Branch
	Best Student Branch Project Award	RevolUX - IEEE Student Branch of University of Colombo School of Computing
	Best Affinity Group Project Award (Student AG Category)	TRIERVIEW - IEEE Women in Engineering Affinity Group of University of Peradeniya
	Best Technical Chapter Project Award (Student Chapter)	Brainstorm - IEEE Engineering in Medicine and Biology Society Student Branch Chapter University of Moratuwa
	Best Industry Collaborative Project Award (SB OU Category)	SHECODERess<V.5> - IEEE Women in Engineering Affinity Group of Uva Wellassa University
Organizational Unit Awards	Emerging Student Branch Award	**Not Awarded**
	Emerging Chapter Award (SB Category)	IEEE Industrial Electronics Society Student Branch Chapter University of Moratuwa
	Emerging Affinity Group (SB Category)	IEEE Women in Engineering Student Branch Affinity Group University of Jaffna
	Outstanding Student Branch Award	IEEE Student Branch University of Jaffna
	Outstanding Chapter Award (SB Category)	IEEE Engineering in Medicine and Biology Society Student Branch Chapter University of Moratuwa
	Outstanding Affinity Group (SB Category)	IEEE Women in Engineering Affinity Group of Uva Wellassa University
	Outstanding Chapter Award (Sectional Category)	IEEE Computer Society Sri Lanka Chapter
	Outstanding Affinity Group (Sectional Category)	IEEE Young Professionals Sri Lanka
	Special Recognition for Membership Recruitment & Retention	IEEE Student Branch of Informatics Institute of Technology
External Recognitions	Outstanding Industry Partner(s)	Creative Software
		Zone24x7
		SLTMobitel

- Please list all Awards and Recognitions received by the Section, and members in the Section, from R 10 and IEEE HQ during the year
  - 2022 IEEE MGA Leadership Award: Dr. Maheshi Dissanayake.
  - IEEE Region 10 Young Professionals Outstanding Volunteer Award - Industry Category: Mr. Dhammika Marasinghe.
  - IEEE Region 10 Outstanding Student Branch Award - University of Jaffna Student Branch
  - IEEE Student Awards
    - IEEE Regional Exemplary Student Branch Award was won by 11 Student Branches (52.38%) of the Section. Namely;
      - IEEE Student Branch of University of Vavuniya
      - IEEE Student Branch University of Jaffna
      - IEEE Uva Wellassa University Student Branch

○ IEEE Student Branch of University of Ruhuna
○ IEEE Student Branch of University of Peradeniya
○ IEEE Student Branch of University of Colombo School of Computing
○ IEEE Student Branch of Wayamba University of Sri Lanka
○ IEEE Student Branch of Informatics Institute of Technology
○ IEEE Student Branch of University of Moratuwa
○ IEEE University of Sri Jayewardenepura Student Branch
○ IEEE Student Branch of General Sir John Kotelawala Defence University

B.7 Communication Activities (Newsletter, Home Page, E-mail etc.)

- Newsletter
  - IEEE Sri Lanka Section Newsletter, I Issue, January 2022.
  - IEEE Sri Lanka Section Newsletter, II Issue, July 2022
- Home Page of the Section (give the URL and how often it is updated)
  - https://ieee.lk/
- Other means of contacts with Section members including social media
  - Facebook Page
  - Instagram Page
  - Linkedin Account
  - Facebook Group
  - Event calendar in the Section website
  - Weekly Event Calendars shared through social media by YP

B.8 Industry Relations

1. IEEE Sri Lanka Section in collaboration with the Hemas Hospitals group introduced a special discount to the health packages for year 2022 and all the IEEE members of Sri Lanka Section are eligible for these discounts.

2. A forum was initiated by the IEEE Sri Lanka Section to share the experiences of the senior industrial personnel with university undergraduates. A database of participating industrial personnel was already and experience-sharing sessions are being planned to be held in the latter months of 2022.

B.9 Humanitarian Technology Activities

- Humanitarian Technology-related activities supported by the Section including collaboration with other OUs.
- SIGHT Activities

  1. *IEEE Sri Lanka Section SIGHT AGM* *(24.02.2022, 07:00 pm onwards.)*

  The first annual general meeting of the IEEE Sri Lanka Section SIGHT group was held via Zoom. The event's invited guest was Prof. Pradeep Pradeep Abeygunawardhana, the Chairperson of the IEEE Sri Lanka Section. The executive committee for the term 2022 was appointed based on the nominations received. (Number of attendees: 19)

  2. *'Sihinayata Pereman' community service session* *(14.08.2022, 09:00 am onwards.)*

  The first session of the 'Sihinayata Pereman', a community service project by IEEE SIGHT Sri Lanka Section Group was held at Thudugala, Sri Buddharakhithrama Watadageya Maha Viharaya. The session aimed to make school students aware of the existing educational and career-related opportunities. The guest speakers of this session were, Prof. Rangika Halwathura, Mr. Chanka Hettige, and Mr. Layan Mendis. School students from 11- 15 years, parents, and teachers from the village attended this session. As a part of the session, a mini exhibition was conducted as well. (Number of attendees: 100)

  3. *IEEE SIGHT & HAC Awareness session* *(26.10.2022, 06:00 pm onwards.)*

This awareness session was organized with the aim of making the volunteers in the section aware of SIGHT and HAC. The guest speakers of this session were Mr. Sampathkumar Veeraraghavan, Global Chair, of the IEEE Humanitarian Activities Committee, and Prof. Pradeep Pradeep Abeygunawardhana, the Chairperson of the IEEE Sri Lanka Section. (Number of attendees: 65)

4. *'Nenasa', STEM awareness session by IEEE Sri Lanka Section SIGHT and Students Activities Committee (13. 01.2023, 08:00 am onwards)*

This awareness session was organised with the aim of making school students aware of STEM related fields and opportunities. The event was conducted at St. Mary's College, Veyangoda.

(Number of attendees: 100)

B.10 Community Activities

- IEEE Social activities (Family day, IEEE day, Engineers Week)"

    - . IEEE Sri Lanka Section Awards Night 2021:
      The Annual Awards ceremony of IEEE Sri Lanka Section is conducted in order to recognize the activities currently undergoing in the Section and identify those that cater to the needs of all stakeholders. Ranging from students and academia to the industry, the awards will admire the hard work and commitment of all enthusiastic IEEE volunteers in the best way possible, with the presence of prestigious IEEE leaders.
      IEEE Sri Lanka Section Awards Night 2021 was conducted in parallel to the IEEE Sri Lanka Section SYW Congress to recognise the volunteers who have made significant contributions to IEEE Sri Lanka, IEEE Region 10 and IEEE MGA. Six awards were presented this year, which include Section Outstanding Volunteer (Student Category), Section Outstanding Volunteer (Member Category), Section Outstanding WIE Volunteer Award (Member Category), Section Outstanding Young Professionals Volunteer Award (Academician) Section Outstanding Young Professionals Volunteer Award (Industry Practitioner) and Section Outstanding Branch Counselor or Advisor Award. (vTools Link: https://events.vtools.ieee.org/m/329890)

    - IEEE Sri Lanka Section Annual Family Get-together 2022:

      IEEE Sri Lanka Section Annual Family Get Together brought together the families of the senior IEEE members as well as the Young Professionals and members from the student body, for a full day of fun games, team events and many more activities to enjoy. This was held on 17th September 2022 as a full day event. Around 60 IEEE and family members participated in this event.

PART C - OTHERS

C.1 Special Events

- Please briefly describe the importance of special events and the outcomes achieved
- Funding secured from the IEEE and external sources including sponsorships

Funding source	Source	USD	LKR
PromiseQ - for IEEE CS TechX	External	-	50,000.00
SLT sponsorship	External	-	100,000.00
Mobitel Sponsorship	*External*	-	100,000.00

SLTC SLSYWC Sponsorship	*External*	-	1,000,000.00
IDEA Award 2021	IEEE	120.00	24,325.00
2021 R10 Section Incentives	IEEE	2,400.00	492,200.00
Need source verification	*IEEE*	1,500.05	305,050.00
IEEE CS TechX	IEEE	750.00	147,450.00
YP meetup fund 2021	*IEEE*	1,500.00	397,200.00
UoJ WIE 400USD	*IEEE*	400.00	143,700.00
Section rebate	*IEEE*	15,687.95	5,647,362.00
IEEE SL Congress	*IEEE*	10,000.00	3,624,700.00
Student Branch Rebates	*IEEE*	6,562.00	2,368,582.00
IEEE SL Congress	*IEEE*	-	150,000.00
EPICS in IEEE - Isort (Mr. P.I.Morapitiya)	*IEEE*	1,059.00	379,881.00
IEEE SL Congress	*IEEE*	1,000.00	358,700.00
STEM Inspire 2022 2000 + STEM 1968.65	*IEEE*	3,968.65	1,424,445.35
IEEE CS Incentive funding program	*IEEE*	300.00	107,700.00
IEEE CS Diversity & Inclusion proposal	*IEEE*	3,500.00	1,259,700.00
IEEE SAC Reimbursements (SSBR + MDLT 2022)	*IEEE*	595.00	-
IEEE SL SYWC Creative	*External*	-	150,000.00
NPSS UoM Student branch chapter	*IEEE*	500.00	180,700.00
IEEE YP Meetup fund 2022	*IEEE*	1,500.00	542,700.00
WSO2 Sponsorship for IEEE YP INSL	*External*	-	100,000.00
Creative Software Sponsorship for IEEE YP INSL	*External*	-	30.000.00
CodeGen Sponsorship for IEEE YP INSL	*External*	-	30,000.00
Orel Sponsorship for AGM	*External*		75000.00
Dialog sponsorship for IEEE YP StudPro	*External*	-	300,000.00
Azend Technologiessponsorship for IEEE YP StudPro	*External*	-	300,000.00
ADL sponsorship for IEEE YP StudPro	*External*	-	300,000.00
Cambio sponsorship for IEEE YP StudPro	*External*	-	300,000.00
DirectFN sponsorship for IEEE YP StudPro	*External*	-	200,000.00
nCinga sponsorship for IEEE YP StudPro	*External*	-	200,000.00
Attune sponsorship for IEEE YP StudPro	*External*	-	100,000.00
LSEG sponsorship for IEEE YP StudPro	*External*	-	100,000.00
Different sponsorship for IEEE YP StudPro	*External*	-	60,000.00
Fortude sponsorship for IEEE YP StudPro	*External*	-	60,000.00

C.2 Relationship with National and International Societies and Non-Government Organizations (NGO)

- Nature of relationship and details of any formal agreement signed
- Details of joint activities
- Benefit to IEEE members (for example discounts, access to technical information etc.)
- Benefit to Section (for example help in membership development, venue facilities, cost saving etc.)

Information and Communication Technology Agency (ICTA), Sri Lanka

- MOU (with ICTA Startup Ecosystem Development Pre-Incubation Program
- Support offered with Judging, Mentorship, Ecosystem connects in organising IEEE Innovation Nation Sri Lanka, a project under IEEE Young Professionals Sri Lanka to promote entrepreneurship
- IEEE organised Innovation & Entrepreneurship Fair at ICTA head office focusing on undergraduate students including IEEE student members

Federation of Information Technology Industry Sri Lanka (FITIS)

- Invited 15 IEEE Student members to join the Sri Lanka Internet Day 2022

(ISC)2 Colombo Chapter, Sri Lanka

- MOU partner with IEEE Young Professionals Sri Lanka to give IEEE members and opportunity to join events organised by ISC2

TRACE - Sri Lanka

- Offer discounted and free venue support for events and meetings organised by OUs
- Support offered with Judging, Mentorship, Ecosystem connects in organising IEEE Innovation Nation Sri Lanka, a project under IEEE Young Professionals Sri Lanka to promote entrepreneurship

United Nations Development Programme (UNDP)/ United Nations Volunteers (UNV) Sri Lanka

- UNDP Support offered with Judging, Mentorship, Ecosystem connects in organising IEEE Innovation Nation Sri Lanka, a project under IEEE Young Professionals Sri Lanka to promote entrepreneurship
- UNV Sri Lanka invited 10 IEEE student members to join "International Volunteers Day" national celebration, where they even got opportunity in contributing to the Colombo Declaration
- IEEE SL Inspire, a project under IEEE Young Professionals Sri Lanka conducted a session on "Together We Can Advance Quality Education (SDG 4) sharing our experiences and best practices in organising community events

C3. Collaboration with other IEEE Sections

The year 2022 was a challenging one for the IEEE Sri Lanka Section having the priority to resume all possible events as in-person ones in the post-pandemic era and making sure the execution of the events amidst the financial crisis of the country. As a Section, we believe that we have made significant progress in achieving this, and going forward one of the key action items of the Section is to collaborate and organize multiple activities with neighbouring Sections. Further, we have explored the possibility of organizing an event with a Section from a different region in 2022 and we are confident of putting it into execution in 2023.

C.4 Support extended to Sub-sections & Society Chapters within the Section

- Starting in 2022; we have appointed a Chapter/Sub-section coordinator within the Section Excom to make sure that we provide the required support to all the organizational units. In 2022, we were able to conduct 2 meetings with the chapters and have made significant progress in aligning the activities of the chapters with the annual plans of the section. As a result, as shared in B.2 in detail, chapters have organized multiple technical, educational, and professional activities throughout the year. This also opened up the opportunity to access different funding opportunities available from the global chapters. Two such examples are securing the IEEE CS TechX and IEEE CS Diversity & Inclusion fundings from IEEE Computer Society. One of the key highlights of this effort is the resumption of activities of IEEE Computer Society Sri Lanka Chapter after almost a decade and the same chapter going to become the best chapter for 2022 in IEEE Sri Lanka Section Awards Night.

C.5 Best Practices of your Section (which you would like to share with other Sections for the benefits of members)

- Initiate continuous communication with the membership. This year we introduced a News bulletin, which will communicate from time to time (bi-monthly at present) to the membership of the activities conducted by section.
- Having a very active digital presence both as Section and as ExCo members. This would improve the digital presence of the section. Each ExCo member can communicate and share information about the section and its activities through their social media and other physical activities. This elevated the presence of the IEEE Sri Lanka section.
- Create and initiate partnership government organizations. This again will improve the visibility of IEEE in society
- Finally always recognize and appreciate the member community. Especially recognize the past contributors of IEEE Sri Lanka (or your own section)

C.6 Problems anticipated and suggestions for solutions, if any

There were some restrictions for organizing activities and projects due COVID 19 pandemic and the economic downhill of the country. Thereby most of the events were successfully conducted in online mode and some events were conducted in hybrid and physical modes towards the end of the year as in the plan.

PART D - GOALS AND PLANS

D.1 Continuation of project/activity in progress and their implementation plans

IEEE Sri Lanka Section has a number of projects/activities that were conducted annually over the past few years. We have continued the following activities/ projects for 2022.

- IEEE SLSYW Congress (held in September 2022)
- IEEE Sri Lanka Section Awards Night (held in September 2022 and February 2023)
- IEEE Sri Lanka Section Annual Get Together (held in September 2022)
- IEEE Sri Lanka Section Electronic Design Competition (held between Oct 2022 - January 2023)
- IEEE Sri Lanka Section 3-Minute Thesis Competition (held between Oct 2022 - January 2023)
- IEEE Techverse Sri Lanka (rebranded from Techno Meetup) (held between June 2022 - January 2023)
- National Level Projects Collaborating with other Sectional OUs such as IEEE Young Professionals Sri Lanka and IEEE Women in Engineering Sri Lanka (held throughout 2022)

D.2 Goals and Future Plans

IEEE SL Section Strategic Plan - 2022

IEEE SL Objective	IEEE Goals/Values	IEEE SL action
Increase the IEEE SL interaction with industry	Trust, Partnership	· Demonstrate IEEE SL activities (including YP, WIE, Central Region, Societies, Student branches) · Support industry penetration programs · Maintain continuous dialog with relevant industries

STEM Education	Growth and nurturing	· Use IEEE student branch network to carryout national project across schools around universities
Collaboration between Main section, OUs and affinity groups	Partnership	· Present SL section year plan to OUs and affinity groups · IEEE SL section activity plan presentation for industries · Create collaboration between Engineering and Science associations · Bid for Sectional sponsorships
Maximise IEEE benefits to members	Trust, Integrity in action	· Optimise the benefit through technical information, forums, for technical dialog and collaboration. · IEEE funding · IEEE marketing among local and regional universities · Conferences
Regional/global collaboration	Global community building	· Join with R10 initiatives · Start collaborations with Section in the region · Bid for foreign conferences · Build network with the focus on conference support (keynote, Committee members, and reviewers)

D.3 Any innovative ideas to make IEEE more creative and value added for sustaining the membership retention and recruitment goals.

As of 2022, we kept the first step in establishing IEEE Sri Lanka as the home for the technical community in Sri Lanka. This is depicted by our exposure to the student community across all the 9 provinces in the country (the only entity in Sri Lanka to achieve this feat) and supporting 10 research conferences organized in the technical community. The activities conducted in the Section ranges from technical, membership development, soft skills development, entrepreneurship, STEM education guidance, career guidance, research support to technical CPD. As a section we believe the key for the sustained membership growth is the confidence we build in the community by catering them to both technical and non technical requirements of them by making IEEE their professional home.

D.4 Business Plan for Sustainable Growth and Financial Stability.