IEEE Sri Lanka Section

(Please replace above heading with your Section name)

Please use the following format to submit your Section's annual report to Region 10. Please note that the annual reports are used for selecting the outstanding Sections in the region and reports submitted after the annuanced due date will not be considered for the award. Please do not include more than 3 photographs and preferably put them on additional pages attached to the report (please delete this paragraph in your report).

PART A - SECTION SUMMARY

A.1 Executive Summary – (Please follow the format given below)

• Section Executive Committee Member List

Chairman: Dr. Jayathu Samarawickrama

Secretary: Dr. Sarath Kumara

Treasurer: Dr. A.G. Buddhika P. Jayasekara Chair (elect): Dr. Ruwan Ranaweera

Immediate Past Chair: Prof. Janaka Ekanayake Assistant Secretary: Dr. Sanjeeva Witharana Assistant Treasurer: Mr. Gayan Abeynayake

Editor: Dr. Sanath Jayawardena

Committee Members: Ms. Indrani Hissella Dr. Rajitha Uduwalpola Mr. Kosala Gunawardana Mr. Upul Ekanayaka Mr. Nalin Karunasinghe

• Section Highlights

Improved membership numbers

| Membership Status | SM | LM | M | AM | GSM | Higher Grade Total | StM | Grand Total |
|----------------------|----|----|-----|----|-----|--------------------------|-----|----------------|
| In 2014 Jan | 16 | 4 | 665 | 16 | 59 | 760 | 763 | 1523 |
| In 2015 Jan | 19 | 4 | 675 | 21 | 65 | 784 | 862 | 1646 |

Prof. Janaka Ekanayake, IEEE SL Chairman 2013 was appointed as a distinguished lecturer by the IEEE PES Chapter

Dr. Ruwan Ranaweera graduated from the IEEE Volunteer Leadership Training program 2014 IEEE Sri Lanka Section won the bid to host the R10 SYW Congress 2015

New Chapters formed this year:

- University of Moratuwa Robotics and Automation Society Student Branch Chapter
- · University of Moratuwa Computer Society Student Branch Chapter
- University of Peradeniya Power & Energy Society Student Branch Chapter

• Major Events (International, National)

IEEE Sri Lanka Section

2014 IEEE Sri Lanka Section AGM

IEEE Sri Lanka Section Annual Family Get together

Seminar on "Success Stories in Engineering"

Distinguished lecture on "Evolution of EMS Control Centers and Synchrophasor Measurements at Control Centers" by Dr. Jay Giri

2nd IEEE Electronic Design Competition for University Undergraduate Students

Short Courses on "Microcontroller Based System Design and Industrial Automation and PLCs"

Workshop on "PV installations in Sri Lanka"

Workshop for school children on "Electronics Hands on Experience"

Initiation of IEEE Consultants Network in Sri Lanka

ICIAfS 2014 International Conference

Participation at R10 Meet 2014

Participation at Sections Congress 2014

Dr. Ruwan Ranaweera graduated from the IEEE Volunteer Leadership Training program 2014

IEEE Sri Lanka Central Region Subsection

2014 IEEE Sri Lanka Central Region Subsection AGM

Technical talk on "Music and Mathematics"

Innovators 2014 Competition

Technical talk on "Opportunities in Three Dimensional Integrated Circuit Stacking"

Non-technical talk on "Women in Engineering: Is it Really Challenging?"

Technical talk on "Mobile phones and Electrical devices at home: How much Electromagnetic Radiation do you get?"

Technical talk on "Artificial Pancreas for Type 1 Diabetes"

Professional development program on "Personal development program for female engineers"

Technical workshop on Electronics for school children

Technical talk on "Electric Machine Differential Fault Diagnostics and Related Topics"

Technical talk on "The Transformation of Smart Grid Operations"

IEEE Day Celebration

• Major Chapter Activities

MTT-S

MTT-S chapter AGM

Two Distinguished Microwave Lectures by Dr. Jeffrey Pawlan on "An Introduction to Software Defined Radio for Microwave Engineers"

Two Technical Talks on "Opportunities in Three Dimensional Integrated Circuit Stacking"

Distinguished Microwave Lecture by Prof. Shiban Koul's talk on "Circuit to System Level Microwave Education"

PES

IEEE PES SL Chapter AGM

PSCAD workshop

Professional Development Workshop on "Intelligent, communication and muscles for the Smart Grid"

Technical Talk on "PSCAD for Electro Magnetic and Electro Mechanical Transient Simulations"

Workshop on PSCAD/EMTDC

PES Members Get together

Field visit to Wind and Coal Power Plants

Special General Meeting of IEEE PES SL Chapter

Professional Development Workshop on "Costing and Pricing of Electricity in Sri Lanka: towards a rational approach"

Technical talk on "The Danish Smart Grid Model: Integrating 100 % Renewables"

Technical talk on "The Transformation of Smart Grid Operations"

RAS

RAS Sri Lanka Chapter AGM 2014

Industrial visit to Ansell Lanka(Pvt.) Ltd. and Technical discussion

Technical workshop on "Industrial Robotics" at the ICIAfS 2014 International Conference

Workshop on Advancing Technologies ENEUMRO 2014

• Major Student and Affinity Group Activities

IEEE SL YP

IEEE Sri Lanka Young Professionals AGM 2014

Talk on "Why we should continue our career with IEEE?"

Carrier guidance workshop on "From Good to Great"

IEEE Excavation 1.0 Programming Competition

Short Course on "Communications Service Provider Industry"

Awards

Prof. Janaka Ekanayake, IEEE SL Chairman 2013 was appointed as a distinguished lecturer by the

IEEE PES Chapter 3rd and 15th Places in IEEEXtreme 8.0 were won by student groups from IEEE University of Moratuwa Student branch

2nd place winner in IEEE Region 10 website contest 2014 was IEEE UCSC Student Branch

Silver Award at the Darrel Chong Student Activity Award was won by the IEEE University of Moratuwa Student Branch

Winner of IEEE Day 2014 Photo Contest Best Landmark Category was won by the University of Ruhuna Student Branch

IEEE Sri Lanka Section won the bid to host the R10 SYW Congress 2015

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

Summary (as per submitted L50)

| Description | Amoun | t (USD) | Amoun | t (SL Rs.) |
|-------------------------------------|----------|-----------|------------|--------------|
| Bank Balance as at 31 January 2014 | | / / | | , |
| Foreign Currency Account (FCAPS) | | 9,271.15 | | |
| Current Account | | | | 24,454.05 |
| Fixed Deposit | | | | 450,000.00 |
| | | | | |
| Receipts | | | | |
| Rebate-Sri Lanka Section for 2014 | | | | |
| (reporting of 2013) | 7,435.00 | | | |
| Bank Interests (FCAP) | 154.39 | | | |
| Bank Interests (Fixed deposits) | | | 25,465.50 | |
| Rebate-Central Region Sub Section | 650.00 | | | |
| IEEE SGW congress- 1 Dec 2013 | 300.00 | | | |
| IEEE Sri Lanka Section SYW | | | | |
| Congress 2014 | 500.00 | | | |
| R10 WIE Support | 100.00 | | | |
| Sponsorsships for DLP event -12 Sep | | | | |
| 2014 | | | 150,000.00 | |
| Registration at DLP event -12 Sep | | | | |
| 2014 | | | 82,000.00 | |
| Registration at Get together | | | 17,000.00 | |
| Selling T-shirts (14@Rs.750 and | | | | |
| 25@Rs.700) | | | 28,000.00 | |
| Money transfer from FCAP account | | | | |
| to current account | | | 772,300.00 | |
| Deposit-Cash in hand from previous | | | | |
| treasurer | | | 48,790.00 | |
| | | 9,139.39 | | 1,123,555.50 |
| | | 18,410.54 | | 1,598,009.55 |
| | | | | |
| Expenditure | | | | |
| AGM-Galadhari (Feb 2015)- | | | | |
| Advanced payment | | | 100,000.00 | |
| AGM-SFI (Jan 2014)-travelling | | | | |
| expenses- UoP | | | 3,070.00 | |
| ExCom Meetings | | 6,025.00 | 34,855.00 | 1,111,774.72 |

| Get-Together-19th Jul 2014 | | | 296,200.00 | • |
|------------------------------------|-----------|-----------|------------|------------|
| Travelling expenses-IEEE Congress | | | | |
| 2014 | | | 55,000.00 | |
| DLP event -12 Sep 2014 | | | 85,246.72 | |
| IEEE Talk -Moratuwa | | | 7,013.00 | |
| EDC Expenses | | | 40,004.00 | |
| Joint Event-IET School net | | | 13,200.00 | |
| Joint Event-IET Joint Seminar | | | 75,000.00 | |
| Support for SB- Moratuwa | | | 58,000.00 | |
| Support for SB- UCSC | | | 57,000.00 | |
| Support for SB- SLIIT | | | 35,000.00 | |
| Support for SB- Peradeniya | | | 26,000.00 | |
| Support for SB- Ruhuna | | | 24,000.00 | |
| IEEE WIE community project | | | 12,800.00 | |
| IEEE WIE event -limelight | | | 10,376.00 | |
| Rebate-CRS | | | 83,200.00 | |
| Rebate- PES | | | 25,600.00 | |
| IEEE SGW congress- 1 Dec 2013 | | | 38,400.00 | |
| News letter | | | 13,250.00 | |
| New website (theme, hosting and | | | | |
| domain) | | | 10,762.00 | |
| Tresurer Expenses (Jan 2013 - Jan | | | | |
| 2014) | | | 6,048.00 | |
| Bank Charges | 25.00 | | 1,750.00 | |
| Money transfer from FCAP account | | | | |
| to current account | 6,000.00 | | | |
| | | | | |
| | | 12,385.54 | | 486,234.83 |
| Bank Balance as at 31 January 2015 | | | | |
| Foreign Currency Account (FCAPS)** | 12,385,54 | | | |

| Bank Balance as at 31 January 2015 | | | | |
|------------------------------------|-----------|-----------|------------|------------|
| Foreign Currency Account (FCAPS)** | 12,385.54 | | | |
| Current Account | | | 12,234.83 | |
| Fixed Deposit | | | 450,000.00 | |
| Cash in hand | | | 24,000.00 | |
| | | 12,385.54 | | 486,234.83 |

Any other financial activities

Received Rs. 150,000 as sponsorships which are not included in the above report because the cheques were not yet received as of now.

Sponsorship of Rs. 50,000 from Orel Corporation Pvt. Ltd. for the Electronic Design Competition Sponsorship of Rs. 100,000 from Hayleys Industrial Solutions Pvt. Ltd. for the IEEE AGM 2015

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

Total number of active members in the past 3 years.

| • Total liu | 11100 | or ac | 7 LI V C | 1110111 | ocis ii | i the pe | ast 5 y | cars. | | | | |
|-------------|-------|-------|----------|---------|---------|----------|---------|-------|-----|-------------|------|-------|
| Membership | П | IE | F | 1 9 | SM | LM | M | AM | GSM | Higher | StM | Grand |
| Status | 11 | LI | 1. | Lo | SIVI | LIVI | 1V1 | AIVI | OSM | Grade Total | Suvi | Total |
| In 2012 Jan | 0 | 0 | 1 | 0 | 10 | 4 | 472 | 24 | 70 | 581 | 548 | 1129 |
| In 2013 Jan | 0 | 0 | 1 | 0 | 13 | 4 | 566 | 17 | 86 | 687 | 648 | 1335 |

| In 2014 Jan | 0 | 0 | 0 | 0 | 16 | 4 | 665 | 16 | 59 | 760 | 763 | 1523 |
|-------------|---|---|---|---|----|---|-----|----|----|-----|-----|------|
| In 2015 Jan | 0 | 0 | 0 | 0 | 19 | 4 | 675 | 21 | 65 | 784 | 862 | 1646 |

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

The IEEE Sri Lanka Section and other subunits conducted many activities to make the membership of IEEE to have more value. Here are some:

Several recruitment drives were held at various locations

Several Professional Development Workshops and International Conferences with discounted registration fees for IEEE members

Series of distinguished lectures and technical talks, especially targeting the membership SYW Congress to bring together the student members, young professionals, and the WIE members

Various field visits

Family get togethers to bring the families of members together

Several competitions among student members to provide opportunities to students to participate in various activities

Social projects to take the message of IEEE to the community

B.2 Chapter Activities

- Total number of Chapters in the Section: 5
- Number of Chapters formed in the current year:3

University of Moratuwa Robotics and Automation Society Student Branch Chapter

University of Moratuwa Computer Society Student Branch Chapter

University of Peradeniya Power & Energy Society Student Branch Chapter

- Number of active Chapters (Chapters who have reported required number of meetings during the year):3
- Summary of Chapter activities (Chapter wise with attachment table/information):

MTT-S

MTT-S chapter AGM

Two Distinguished Microwave Lectures by Dr. Jeffrey Pawlan on "An Introduction to Software Defined Radio for Microwave Engineers"

Two Technical Talks on "Opportunities in Three Dimensional Integrated Circuit Stacking"

Distinguished Microwave Lecture by Prof. Shiban Koul's talk on "Circuit to System Level Microwave Education"

PES

IEEE PES SL Chapter AGM

PSCAD workshop

Professional Development Workshop on "Intelligent, communication and muscles for the Smart Grid"

Technical Talk on "PSCAD for Electro Magnetic and Electro Mechanical Transient Simulations"

Workshop on PSCAD/EMTDC

PES Members Get together

Field visit to Wind and Coal Power Plants

Special General Meeting of IEEE PES SL Chapter

Professional Development Workshop on "Costing and Pricing of Electricity in Sri Lanka: towards a rational approach"

Technical talk on "The Danish Smart Grid Model: Integrating 100 % Renewables"

Technical talk on "The Transformation of Smart Grid Operations"

RAS

RAS Sri Lanka Chapter AGM 2014

Industrial visit to Ansell Lanka(Pvt.) Ltd. and Technical discussion

Technical workshop on "Industrial Robotics" at the ICIAfS 2014 International Conference

B.3 Professional and Continuing Education Activities

Summary of continuing Educational activities including conferences, technical activities, training courses, and distinguished lecture programs with attachment table / information

Seminar on "Success Stories in Engineering"

Distinguished lecture on "Evolution of EMS Control Centers and Synchrophasor Measurements at Control Centers" by Dr. Jay Giri

Short Courses on "Microcontroller Based System Design and Industrial Automation and PLCs"

Workshop on "PV installations in Sri Lanka"

Technical talk on "Music and Mathematics"

Technical talk on "Opportunities in Three Dimensional Integrated Circuit Stacking"

Technical talk on "Mobile phones and Electrical devices at home: How much Electromagnetic Radiation do you get?"

Technical talk on "Artificial Pancreas for Type 1 Diabetes"

Technical talk on "Electric Machine Differential Fault Diagnostics and Related Topics"

Technical talk on "The Transformation of Smart Grid Operations"

Two Distinguished Microwave Lectures by Dr. Jeffrey Pawlan on "An Introduction to Software Defined Radio for Microwave Engineers"

Two Technical Talks on "Opportunities in Three Dimensional Integrated Circuit Stacking"

Distinguished Microwave Lecture by Prof. Shiban Koul's talk on "Circuit to System Level Microwave Education"

PSCAD workshop

Professional Development Workshop on "Intelligent, communication and muscles for the Smart Grid"

Field visit to Wind and Coal Power Plants

Technical Talk on "PSCAD for Electro Magnetic and Electro Mechanical Transient Simulations" Professional Development Workshop on "Costing and Pricing of Electricity in Sri Lanka: towards a rational approach"

Technical talk on "The Danish Smart Grid Model: Integrating 100 % Renewables"

Technical talk on "The Transformation of Smart Grid Operations"

Industrial visit to Ansell Lanka(Pvt.) Ltd. and Technical discussion

Technical workshop on "Industrial Robotics" at the ICIAfS 2014 International Conference

B.4 Students Activities

- Total number of Student Branches in the Section: 5
- Number of Student Branches formed in the current year:1
- Section level student activities (student congress, paper and other contests, awards etc)

SYW Congress 2015

2nd IEEE Electronic Design Competition for University Undergraduates

• Number of active Student Branches (Student Branches who have reported required number of meetings during the year): 5

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

| IEEE Day Celebration |
|--|
| Non-technical talk on "How to face a |
| job interview" |
| IEEE-EEES School Program for school |
| children |
| Innovators 2014 Competition |
| AGM and Recruitment Drive |
| Technical talk on "Writing research |
| papers according to the IEEE |
| guidelines" |
| Technical talk on "Advance metering |
| infrastructure" |
| Participated in IEEEXtreme 8.0 |
| Hosted the Electronic Design |
| Competition |
| AGM and recruitment drive |
| Technical talk on "Nature's Secrets" |
| Technical talk on "Mobile phones and |
| electrical devices at home: How much |
| electromagnetic radiation you get" |
| • Non-technical talk on "Women in |
| Engineering: Is it really challenging?" |
| Personal Development Workshop |
| |

| | 7 |
|---|--|
| | • Technical talk on "The role of a female |
| | Engineer in the industry" |
| | Non technical talk on "Work Life |
| | Balance" |
| University of Moratuwa Student Branch | Workshop on Advancing Technologies ENEUMRO 2014 |
| | Electronic workshop and seminar for school children |
| | Won the silver medal of the Darrel |
| | Chong Student activity award for the CodeExpertz1.0 (2013) |
| | • CodeExpertz2.0 programming |
| | competitionParticipated in IEEEXtreme 8.0 and |
| | won 3 rd and 15 th positions |
| University of Moratuwa WIE Student Branch | Social project "Make them smile" at an |
| Affinity Group | orphanage |
| | "Limelight 2014" Panel discussion |
| University of Ruhuna Student Branch | Two workshops on "Electronic Design |
| | Automation" |
| | Workshop on "Android applications and |
| | new trends" |
| | App Contest for students to develop |
| | mobile, web, desktop and cloud |
| | applications |
| | |
| | IEEE Day Celebration |
| | Won the first place at the international |
| | photo competition for the landmark |
| | photo of the event |
| | Xbotix robot competition |
| | Hosted the Electronic Design |
| | Competition |
| University of Colombo School of Computing | UCSC Research Symposium |
| Student Branch | Local Programming Contest |
| | IEEE Day Celebration |
| | • Competed at IEEE Extreme 8.0 with the |
| | participation of 86 teams |
| | • Second place winner of the IEEE R10 Best Web Contest 2014 |
| | • Technical talk series on web |
| | development, mobile app development, |
| | hardware, Linux and Robotics.Workshop on "ICT Literecy" for school |
| | teachers and Army solders |
| | Donation of computers to a rural village |
| Sri Lanka Institute of Information Technology | Workshop on "Robotics" |
| | Workshop on "Play with Java" |
| | |
| | Field visit to Upper Kothmale Hydro Power Plant |
| | |
| | Workshop on "Machine Learning" Programming again with Puthon |
| | Programming session with Python On the session with |
| | Charity project for differently abled |
| | children and elders home |
| | IEEE Day Celebration |
| | • IEEEXtreme 8.0 |
| | Hosted the Electronic Design |
| | Competition |

B.5 Affinity Group Activities

Young Professional (YP)
 IEEE Sri Lanka Young Professionals AGM 2014

Talk on "Why we should continue our career with IEEE?" Carrier guidance workshop on "From Good to Great" IEEE Excavation 1.0 Programming Competition Short Course on "Communications Service Provider Industry"

• Women In Engineering (WIE)

Please see under WIE Student Branch activates

Life Member

B.6 Awards & Recognition Activities

• Award constituted by the Section

IEEE Electronic Design Competition Winners

Recognition of IEEEXtreme winners

• Award(s) received from R10

2nd place winner in IEEE Region 10 website contest 2014 was IEEE UCSC Student Branch

Silver Award at the Darrel Chong Student Activity Award was won by the IEEE University of Moratuwa Student Branch

IEEE Sri Lanka Section won the bid to host the R10 SYW Congress 2015

Award(s) received from IEEE HQ

Prof. Janaka Ekanayake, IEEE SL Chairman 2013 was appointed as a distinguished lecturer by the IEEE PES Chapter

3rd and 15th Places in IEEEXtreme 8.0 were won by student groups from IEEE University of Moratuwa Student branch

Winner of IEEE Day 2014 Photo Contest Best Landmark Category was won by the University of Ruhuna Student Branch

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

Newsletter (name and number of issues in the year)
 IEEE Sri Lanka Section Newsletter, 2 issues

 Home Page of the Section (give the URL and how often it is updated) http://ieee.lk/

Updated regularly (more than once a week)

• Other means of contacts with Section members

Google mailing list: ieeesrilanka@gmail.com

IEEE eNotice service

Facebook: www.facebook.com/groups/IEEESL

B.8 Industry Relations

- Membership growth and retention
- Activities for/with industrial members

ICIAfS 2014 International Conference

Several Professional Development Workshops, Seminars, Distinguished Lectures, and Short Courses were designed targeting the practicing Engineers from the Industry:

Seminar on "Success Stories in Engineering"

Distinguished lecture on "Evolution of EMS Control Centers and Synchrophasor Measurements at Control Centers" by Dr. Jay Giri

Short Courses on "Microcontroller Based System Design and Industrial Automation and PLCs"

Workshop on "PV installations in Sri Lanka"

Technical talk on "Music and Mathematics"

Technical talk on "Opportunities in Three Dimensional Integrated Circuit Stacking"

Technical talk on "Mobile phones and Electrical devices at home: How much Electromagnetic Radiation do you get?"

Technical talk on "Artificial Pancreas for Type 1 Diabetes"

Professional development program on "Personal development program for female engineers"

Technical workshop on Electronics for school children

Technical talk on "Electric Machine Differential Fault Diagnostics and Related Topics" Technical talk on "The Transformation of Smart Grid Operations"

Two Distinguished Microwave Lectures by Dr. Jeffrey Pawlan on "An Introduction to Software Defined Radio for Microwave Engineers"

Two Technical Talks on "Opportunities in Three Dimensional Integrated Circuit Stacking"

Distinguished Microwave Lecture by Prof. Shiban Koul's talk on "Circuit to System Level Microwave Education"

PSCAD workshop

Professional Development Workshop on "Intelligent, communication and muscles for the Smart Grid"

Field visit to Wind and Coal Power Plants

Technical Talk on "PSCAD for Electro Magnetic and Electro Mechanical Transient Simulations"

Professional Development Workshop on "Costing and Pricing of Electricity in Sri Lanka: towards a rational approach"

Technical talk on "The Danish Smart Grid Model: Integrating 100 % Renewables"

Technical talk on "The Transformation of Smart Grid Operations"

Industrial visit to Ansell Lanka(Pvt.) Ltd. and Technical discussion

Technical workshop on "Industrial Robotics" at the ICIAfS 2014 International Conference

B.9 Humanitarian Technology Activities

Workshop on "ICT Literecy" for school teachers Donation of Computers to a rural village Charity project for differently abled children and elders home Social project "Make them smile" at an orphanage Workshops for school children on Electronics

B.10 Community Activities

IEEE Social activities (Family day, IEEE day, Engineers Week)"
 Annual IEEE Family Get Together
 IEEE Day Celebrations at various locations
 PES Members Get together

PART C - OTHERS

C.1 Special Events

C.2 Relationship with National Societies

A seminar on "Success Stories in Engineering" organized in collaboration with IET Sri Lanka Network.

Workshop for school children on "Electronics Hands on Experience" organized in collaboration with IET Sri Lanka Network

Xbotics robot completion organized in collaboration with IET Sri Lanka Network and Institute of Engineers Sri Lanka (IESL)

C3. Collaboration with other IEEE Sections

- Support extended to neighboring Sections
- Joint activities with any other Section

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

Organized several activities in collaboration with the subsection, society chapters, affinity groups, and student branches

Provided financial support of over Rs. 250,000 (US\$ 2000) to student branches. Provided partial funding for the SYW Congress 2014 organized by student branches, YP and WIE

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

Provided financial support to student branches looking at their activity level as well as the number of student members. An initial fixed amount of funding is provided to each student branch, after they submit the proposed activity list and budget. A mid year review on their progress is made by the student activity chair and the second portion of money is provided.

We plan to get the members more involved in the section activities by forming several subcommittees under the IEEE Sri Lanka Section and getting more members to volunteer in organizing activities. We hope to identify energetic and capable volunteers to lead the section and its subunits through this.

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

Additional funds will be required to carry out the activities of the Section and its subunits. Industry sponsorships and collaborations with other professional organizations like IET and IESL as well as the support and infrastructure facilities from the Universities and industrial partners will be used to bridge the gaps.

PART D - GOALS AND PLANS

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

We plan to continue several ongoing activities in the future as well. These include the SYW Congress, annual family get together, IEEE Electronic Design Competition, Workshops for school children and charity projects. We also plan to establish the IEEE Consultants Network more effectively this year. Since we will be hosting the IEEE R10 SYW Congress 2015, we anticipate a lot of activities in line with that event. We have also planned several activities targeting the practicing Engineers from the Industry to improve the membership retention as well as to recruit new members. The 10th IEEE International Conference on Industrial and Information Systems 2015 is also scheduled to be held from 17th to 20th of December 2015 in Kandy, Sri Lanka. In addition to providing a platform for the members from the academic as well as industrial sectors to publish their work, we will also host a special session for the students to exhibit their undergraduate projects in this conference. In addition IEEE Sri Lanka Section is technically co-sponsoring several international conferences including the ICTer 2015 and MERCon 2015.

D.2 Goals and Future Plans

Our goal is to increase the number of student members by at least 15% this year and to improve the membership retention rate for the student members as well as full members. We plan to achieve this by providing better quality services to the membership of all categories. We plan to have several International Conferences including the IEEE ICIIS 2015 and ICTer2015 to provide a platform for the academics and industrialists to publish their work. We plan number of activities for student members including the IEEE Electronic Design Competition, several programming and robotics competitions, and various technical and non-technical talks. We will specifically target the practicing Engineers by delivering several short courses and workshops in technical fields. Number of activities is in line to encourage YP, WIE and Student members. The IEEE R10 SYW Congress 2015 will be a good opportunity for the members from Sri Lanka to get networked with other members from the Asia Pacific Region. In addition, several value added activities will be organized parallel to the above congress. Many social activities are also planned for the coming year including workshops for school children as young as 14 to 18 years, annual IEEE family get together, field visits, and charity projects. We also plan to promote the IEEEXtreme 9.0 competition among the university students and play a more active role in encouraging and supporting the students to participate in this event. We also plan to have several recruitment drives to get more members. We plan to get the members more involved in the section activities by forming several subcommittees under the IEEE Sri Lanka Section and getting more members to volunteer in organizing activities. We hope to identify energetic and capable volunteers to lead the section and its subunits through this.

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

. We plan to get the members more involved in the section activities by forming several subcommittees under the IEEE Sri Lanka Section and getting more members to volunteer in organizing activities. We hope to identify energetic and capable volunteers to lead the section and its subunits through this. We believe giving opportunity to lead will make members more attracted to the IEEE and its activities than offering some services to them.

