IEEE SRI LANKA SECTION
Section Report - 2006

INTRODUCTION

IEEE Sri Lanka section was officially formed at the end of year 2004. As a fresh technical organization it is necessary to obtain a good recognition among the technical community from both industry and academic institutes in Sri Lanka. During the previous year, the activities organized by IEEE Sri Lanka section were successful to attract more people and to establish links with different institutes. We think that the activities to be done during 2006, which are summarized in this report, will enhance these links as well as will help to increase the number of IEEE members within Sri Lanka.

PART A - SECTION SUMMARY

A.1 Executive Summary

l   Several events have been planed to be held during year 2006, which are focused on strengthening the society and giving benefits for the members as well as for other communities working in the relevant fields. The major activities in year 2006 are briefly described below,

1.   Conferences - Two international conferences to be held in Sri Lanka during 2006 with the technical co-sponsorship of IEEE.

a.   First International Conference on Industrial and Information Systems (ICIIS 2006).

b.   8th International Information Technology Conference IITC 2006

c.   International Conference on Information and Automation (ICIA 2006).

2.   Seminars and workshops - Six seminars/workshops are planning to be organized by the IEEE Sri Lanka section during year 2006. Six different issues in the field of Electrical and Electronics Engineering which are more useful for the Sri Lankan industry will be addressed by these seminars/workshops.

a.   Lightning protection

b.   Recent developments in Mobile Communication

c.   Embedded system

d.   Robotics

e.   Energy saving techniques

f.   Sensor networks and automation

3.   IEEE monthly technical talk - Three selected IEEE Journal papers from a certain research application will be discussed.

4.   Planning to form two chapters under Sri Lanka section.

5.   Initiating the IEEE Sri Lanka Section web site

6.   Initiating the IEEE Sri Lanka News letter â€' This year we are planning to issue two news letters, one in June and the other in December. After two years time, it is planning to be issued four news letters per annum.

A.2 Financial Report
l   Last year IEEE Sri Lanka section received SL Rs 324 000 (~USD 3200) as the section rebate, which was the main income. The balance from the last year is SL Rs.400,000. This year the income from the workshops will be used to cover the expenses of the workshop and for promoting membership development programs. The income from the conferences could not be estimated as the number of participants is yet to be unknown.

A.3 List of Section Officer and Executive Committee Members

Chair - Dr. Chandima M.B. Ekanayake

Vice Chair - Dr. Prasad Wimalaratne

Secretary - Dr. Thrishantha Nanayakkara

Treasurer - Dr. Kasun De Zoysa

Assistant Secretary - Dr. A Atputharajah

Assistant Treasurer - Dr. Sudath R. Munasinghe

Editor - Dr. Sisil Kumarawadu

Committee members - Mr. K.B. Samarakoon

Mr. Vijith Senevirathne

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Programs

l   Effort in Membership Development

-    Introducing a program to nominate suitable members for Senior Member category. Under this program IEEE Sri Lanka section helps the qualified Members to become SM.

-    Active participation for local technical exhibitions. This helps to aware the technical community about the importance of joining with IEEE.

-    Seminars for students to enhance the number of student members.

B.2 Professional and Continuing Education Activities

Conferences - Three international conferences to be held in Sri Lanka during 2006 with the technical co-sponsorship of IEEE.

-    First International Conference on Industrial and Information Systems (ICIIS 2006) â€' The conference will be held from 8 to 11 August 2006 in Peradeniya, Sri Lanka. The idea of this event is to bring together innovative academics and industrial experts in the field of Electrical and Information Engineering to a common forum, where a constructive dialog on theoretical concepts, practical ideas and results of the state of the art will be developed. Further information on this event could be found at http://www.ee.pdn.ac.lk/ICIIS2006/index.htm.

-    8th International Information Technology Conference IITC 2006 - This was first held in 1998 as a key event connected with the declaration of 1998 as the Year of IT. IITC's success in 1998 led to its continuation as an extremely successful annual event. This year the 8th International IT Conference (IITC2006) will be held from 12th September to 13th September 2006 at Hotel Cinnamon Grand, Colombo, Sri Lanka. In addition, this year IITC2006 will be part of an ICT week with the SEARCC Conference (13th to 15th) and Infotel Lanka Exhibition (13th to 17th) being the other important events of the week. The theme for these events is "Value Creation in the Modern Economy". More details are available on the web site www.iitc.lk.

-    International Conference on Information and Automation (ICIA 2006). The conference is planed to be held from 15 to 17 December 2006 in Colombo, Sri Lanka. This conference aims to bringing together researchers in South Asian Countries and their counterparts around the world to discuss current issues related to information and automation. Further information on this event could be found at http://www.icia2006.org.

B.3 Students Activities

· Active Student Branches activity

During this year we are organizing special activities for promoting the student memberships which is the initial step for forming an active Student branch.

B.4 E-mail and Newsletter Activities, Home Page

l Number of hard print Newsletter

Expected to be released two hard printed Newsletters for the year 2006. The first one will be released by the end of June and the second will be released by the end of year 2006.

l Number of electronic Newsletters

In parallel with the hard print an electronic version of the Newsletter will be released.

l Section, Chapters and Student Branches Web Pages

A committee has been appointed to prepare the section web page. IEEE Sri Lanka section web page will be available before September 2006.

B.5 Awards

l Award program available and the list of winner

No award programs will be organized during year 2006.

B.6 Chapter Activities
l Summary of Chapter Activities

During year 2006 necessary steps will be taken to form two chapters in Computer and Power Engineering disciplines.

PART C - GOALS AND PLANS

C.1 Goals

Introducing at least 100 new members.

Forming a Student Branch and Society Chapters.

C.2 Implementation Plans
Membership promotion/ Student Branch and Society Chapters:

To increase the number of student members several presentations showing the advantages of being an IEEE member will be delivered in all major academic institutes. Student

members from each academic institute will be guided to form student societies in institute level and later these groups will be led to form the student branch of the IEEE Sri Lanka section.

For the workshops an attractive discount will be given for the IEEE members, which helps to enhance the number of memberships. IEEE Sri Lanka section will actively participate in technical exhibitions where one can easily address the technical community. Once the required number of members from the relevant societies is available Section will guide the members to submit a petition to form the Chapters.

PART D - OTHERS

D.1 Relationship with National Societies

IEEE Sri Lanka section is maintaining a good relationship with some of the other national societies. Institute of Engineers in Sri Lanka (IESL) is one of such societies. Each year IESL organize the largest technical exhibition (Techno) in Sri Lanka. In the previous exhibitions IESL provided a free stall to IEEE Sri Lanka Section for membership promotions.

National Science Foundation (NSF) provides financial support for one of the conferences organize by the IEEE Sri Lanka section.

IEEE Sri Lanka Section may also have strong ties with the National Investors Commission.

D.2 Special Events

Apart from the events described in the previous sub sections any other event has not been planed yet.