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IEEE Malaysia Section Report (2013)

PART A - SECTION SUMMARY

A.1 Executive Summary

A.1.1 The Section Executive Committee members for year 2013 being elected during the 23rd Annual General Meeting on 19th January 2013 and their portfolio are as follow:

No.	Portfolio	Committee
1.	Chair	Norliza Mohd Noor
2.	Vice-Chair /Membership/Chapter Development	HafizalMohamad
3.	Hon. Secretary	Zuhaina Zakaria
4.	Hon. Treasurer	Suhaila Subahir
5.	Professional Activities/Industrial Relation	Fatimah Ibrahim
6.	Communication/Newsletter	Dianne Cheong Lee Mei
7.	Educational Activities	Lee Yoot Khuan
8.	Student Activities	Md Pauzi Abdullah
9.	Past Chair/Award and Recognition	Mahmod Ismail
10.	Auditor	Ali Selamat
11.	Auditor	Ismail Musirin

Secretariat

Faculty of Electrical Engineering, Universiti Teknologi MARA, Shah Alam, Selangor.

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A total of six Executive Committee meetings and two chapter chairs meetings were held during the year of 2013. The attendance of Executive Committee is as follows:

	1/2/13	9/3/13	27/4/13	25/6/13	13/9/13	14/12/13
Norliza Mohd Noor	√	√	√	√	√	√
Hafizal Mohammad	√	√	x	√	√	√
Mahamod Ismail	x	x	√	√	√	√
Zuhaina Zakaria	√	√	√	√	√	√
Suhaila Subahir	√	√	x	√	√	x
Fatimah Ibrahim	x	√	x	√	x	x
Dianne Cheong Lee Mei	x	√	√	√	√	√
Lee Yoot Khuan	x	√	√	x	√	x
Md Pauzi Abdullah	√	x	√	√	√	x
TOTAL	5/9	7/9	6/9	8/9	8/9	5/9

A.1.2 Section Highlights

A.1.2.1 It was a busy year for IEEE Malaysia Section with many major events ranging from conferences and technical talks to social events were successfully organized. An increase in the number of members indicates positive development in our effort to attract electrical engineering professionals to IEEE. The section has also conducted three workshops to assist members to elevate to Senior Member grade. As a result, the number of senior member has increased from 180 in 2012 to 247 in 2013 (37% growth). 2013 has also observed the formation of a new Chapter, IEEE Malaysia Technology Management Council. In the pipeline is the Malaysia Section Computational Intelligence Society Chapter (waiting approval from Region 10).

It was also a great year for us since IEEE Malaysia was chosen as the host for IEEE Region 10 Technical Symposium 2014 (TENSYP). This conference will be held from 14th – 16th April 2014.

The bulk of financial resources were spent on supporting Chapter activities through grants and technical related activities. Thus, one of the main events in 2013 was Leadership Training Camp to provide the Chapter Chairs comprehensive information to run the chapters.

IEEE Malaysia also received partial grant of USD700 from Region 10 to organise Merdeka Raya Carnival in October 2013. In addition, chapters and Student Branches had also managed to secure grants from either IEEE Region 10 or IEEE HQ. In total, IEEE Region 10 awarded USD11500 for various activities to various individuals, student branches, chapters and section as shown in Table A.1.

Table A.1: List of support and grant received from IEEE EPICs, IEEE Sight and IEEE Region 10

Item	Types of Fund	Project Title/Organiser	Chapter	Amount (USD)	Status	Grant Received
1	R10 Fund for Technical Seminars	2013 IPIARTI and 2013 SASSP	Signal Processing Society Malaysia Chapter	300.00	√ Report submitted	√
2	& Distinguished Lecture Programs	IEEE Penang Chapter Technical Talk	MTT/EDS/SSCS Penang Joint Chapter	300.00	√	No (report to be resubmitted)
3.	IEEE EPICS Project	Development of a Hand-Cycle for Children with Movement Disorder	EMBS Malaysia Chapter	2000.00	√ Report submitted	√
4.		Developing a Real Time Activity Recognition for Children with Communication and Social Interaction Disabilities	IEEE Member from Swinburne University Sarawak Campus- Dr Lau Bee Theng	4000.00	√	√

Item	Types of Fund	Project Title/Organiser	Chapter	Amount (USD)	Status	Grant Received
5.	IEEE R10 Humanitarian Technology Activities	Low-Cost Upper Extremities Rehabilitation Training Equipment - Hand Cycle Chong Yu Zheng	IEEE EMBS Malaysia Chapter	750.00	√ Report submitted	√ USD645
6.	R10 GOLD Initiatives	IEEE Career Talk	IEEE GOLD Malaysia	200.00		
7.		Technical and Social Visit to IEEE Singapore GOLD	IEEE GOLD Malaysia	300.00	√ Report not submitted	No
8.	R10 EAC Grants	IEEE Curtin Sarawak Student Branch Exhibition – Technology of the new era	EMBS Malaysia Chapter/IEEE Curtin Sarawak Student Branch	250.00	√ Report submitted	√
9.		Gateway to Knowledge Building Through Robotics	IEEE Student Branch of Monash University Sunway Campus	250.00	√ Report Submitted	No expenses
10.		Undergraduate Outreach Program 2013	IEEE Power Energy Society Malaysia Chapter	400.00	√ Report submitted	√
11.		DIY PCB Workshop & Introduction to AVR Microcontrollers	IEEE Student Branch of Universiti Sains Malaysia	400.00	√ Report submitted	√
12.		IEEE-iCare PEKA: Exposure on Ethics and Safe Online Activities - Shahida Sulaiman, Faculty of Computing, UTM	Malaysia Section	400.00	√ Report submitted	√
13	R10 WIE Support Fund	Engineering Outreach Program	WIE Malaysia	300.00	√ Report submitted	No
14	IEEE Sight	Troubled Humanity	IEEE Malaysia Section	250.00	√ Reported Submitted	√
15	R10 Social Activities	Merdeka Raya	IEEE Malaysia Section	700.00	√ Report submitted	No
16		IEEE Malaysia Stands by Our Youth	IEEE Malaysia Section	700.00	√	No
TOTAL					11500.00	

A.1.2.2 Among the major conferences successfully organized in 2013 are listed in Table A.2 below:

No.	Conference	Organizational Unit	Date
1.	2013 IEEE International RF and Microwave Conference (RFM)	AP03/MTT17/ EMC27	09 Dec - 11 Dec
2.	2013 IEEE Conference on e-Learning, e-Management and e-Services (IC3e)	C16	02 Dec - 04 Dec
3.	2013 IEEE Conference on Open Systems (ICOS)	C16	02 Dec - 04 Dec
4.	2013 IEEE Conference on Wireless Sensor (ICWISE)	C16	02 Dec - 04 Dec
5.	2013 IEEE International Conference on Circuits and Systems (ICCAS)	CAS04	18 Sep - 19 Sep
6.	2013 IEEE 9th International Colloquium on Signal Processing & its Applications (CSPA)	CS23	08 Mar - 10 Mar
7.	2013 IEEE 4th Control and System Graduate Research Colloquium (ICSGRC)	CS23	19 Aug - 20 Aug
8.	2013 IEEE 3rd International Conference on System Engineering and Technology (ICSET)	CS23	19 Aug - 20 Aug
9.	2013 IEEE Int. Conf on Control System, Computing & Engineering (ICCSCE)	CS23	29 Nov - 01 Dec
10.	2013 IEEE Conference on Systems, Process & Control (ICSPC)	CS23	13 Dec - 15 Dec
11.	2013 IEEE 5th Conference on Engineering Education (ICEED)	E25	04 Dec - 05 Dec
12.	2013 IEEE Regional Symposium on Micro and Nanoelectronics (RSM)	ED15	25 Sep - 27 Sep
13.	2013 IEEE Symposium on Computers & Informatics (ISCI)	IE13/IA34	07 Apr - 09 Apr
14.	2013 IEEE Business Engineering and Industrial Applications Colloquium (BEIAC)	IE13/IA34	07 Apr - 09 Apr
15.	2013 IEEE Symposium on Humanities, Science and Engineering Research (SHUSER)	IE13/IA34	23 Jun - 26 Jun
16.	2013 IEEE Symposium on Wireless Technology & Applications (ISWTA)	IE13/IA34	22 Sep - 25 Sep
17.	2013 IEEE Symposium on Business, Engineering and Industrial Applications (ISBEIA)	IE13/IA34	22 Sep - 25 Sep
18.	2013 IEEE Symposium on Industrial Electronics & Applications (ISIEA)	IE13/IA34	22 Sep - 25 Sep
19.	2013 IEEE Conference on Clean Energy and Technology (CEAT)	IE13/IA34	18 Nov - 20 Nov
20.	2013 IEEE Int. Conf.on Smart Instrumentation, Measurement and Applications (ICSIMA)	IM09	25 Nov - 27 Nov
21.	2013 IEEE 7th International Power Engineering and Optimization Conference (PEOCO)	PE031	03 Jun - 04 Jun
22.	2013 IEEE 4th International Conference on Photonics (ICP)	PHO36	28 Oct - 30 Oct

No.	Conference	Organizational Unit	Date
23.	2013 IEEE Conference on Sustainable Utilization and Development in Engineering and Technology (CSUDET)	SMC28, VT06/COM19	30 May - 01 Jun
24.	2013 IEEE International Conf on Signal and Image Processing Applications (ICSIPA)	SP01	08 Oct - 10 Oct
25.	2013 IEEE Malaysia International Conference on Communications (MICC)	VT06/COM19	26 Nov - 28 Nov
26.	2013 IEEE Student Conference on Research and Development (SCoReD)	Malaysia Section	16 Dec - 17 Dec

A.1.2.3 Norliza Mohd Noor and Zuhaina Zakaria attended the 2013 IEEE Region 10 meeting which held in Chiang Mai, Thailand from 2nd - 3rd March 2013

A.1.2.4 IEEE Malaysia has financially supported three delegates, Dianne Cheong Lee Mei (SIGHT Coordinator), Rozita Jailani (WIE Chair) and Esther Ling (SSR Elect) to attend the IEEE R10 Student/GOLD/WIE Congress 2013 which was held on 11th – 14th July 2013.

A.2: Financial Report

As given in Treasurer's report

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

B.1.1: The objectives of the Membership Development Committee (MDC) of IEEE Malaysia are as follows:

- To promote qualified Members to Senior Members
- To increase the number of professional and student members within Malaysia Section
- To retain as many members as possible

B.1.2: The total number of active members as of 31st December 2013 is 3280 with the trends presented in Figure B.1. In general, the number of active members for IEEE Malaysia in 2013 increased by 14% compared to 2012 as shown in the figure. The highest percentage of grades is Member followed by Graduate, Student and Senior as shown in Figure B.2. The increment in the number of active member was contributed from increased number of active members in all grades (except Affiliate and Associate) as depicted in Figure B.3.

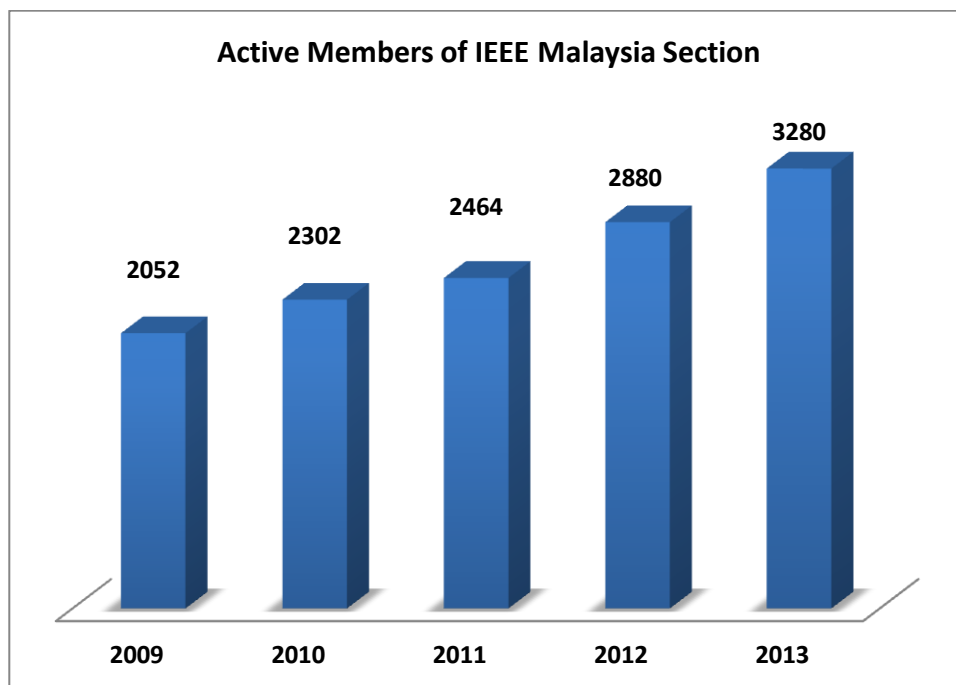


Figure B.1: Total Number of IEEE Malaysia Active Members (2009-2013)

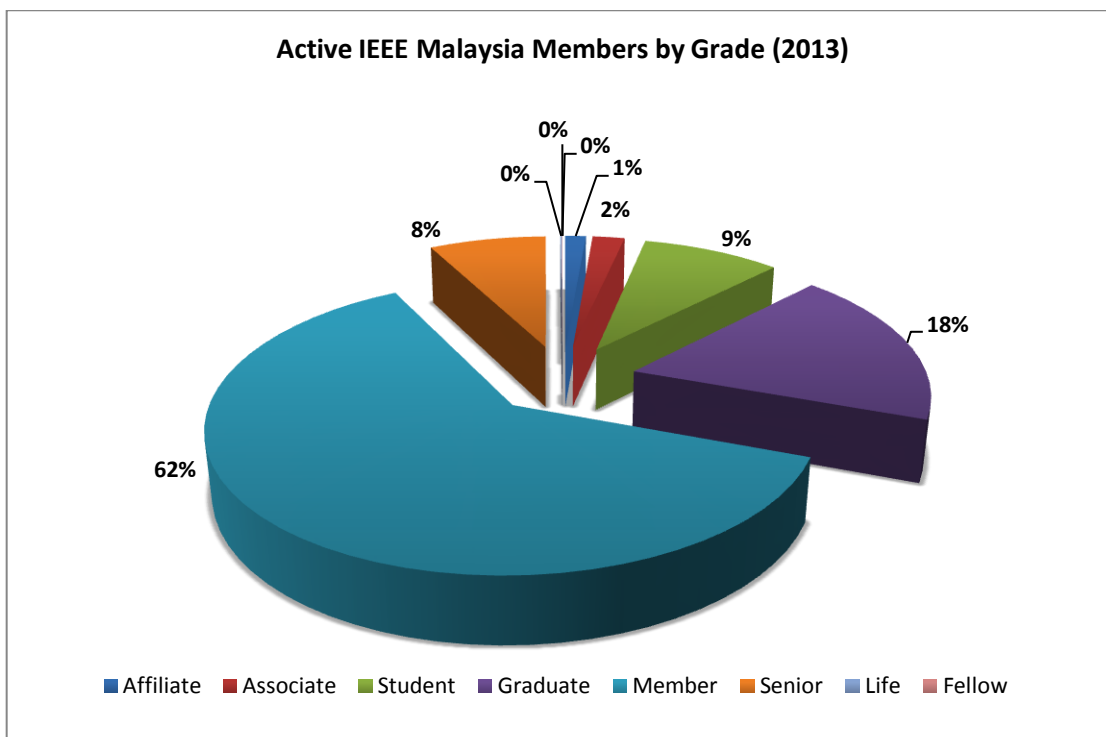


Figure B.2: IEEE Malaysia Active Members by Grade (2013)

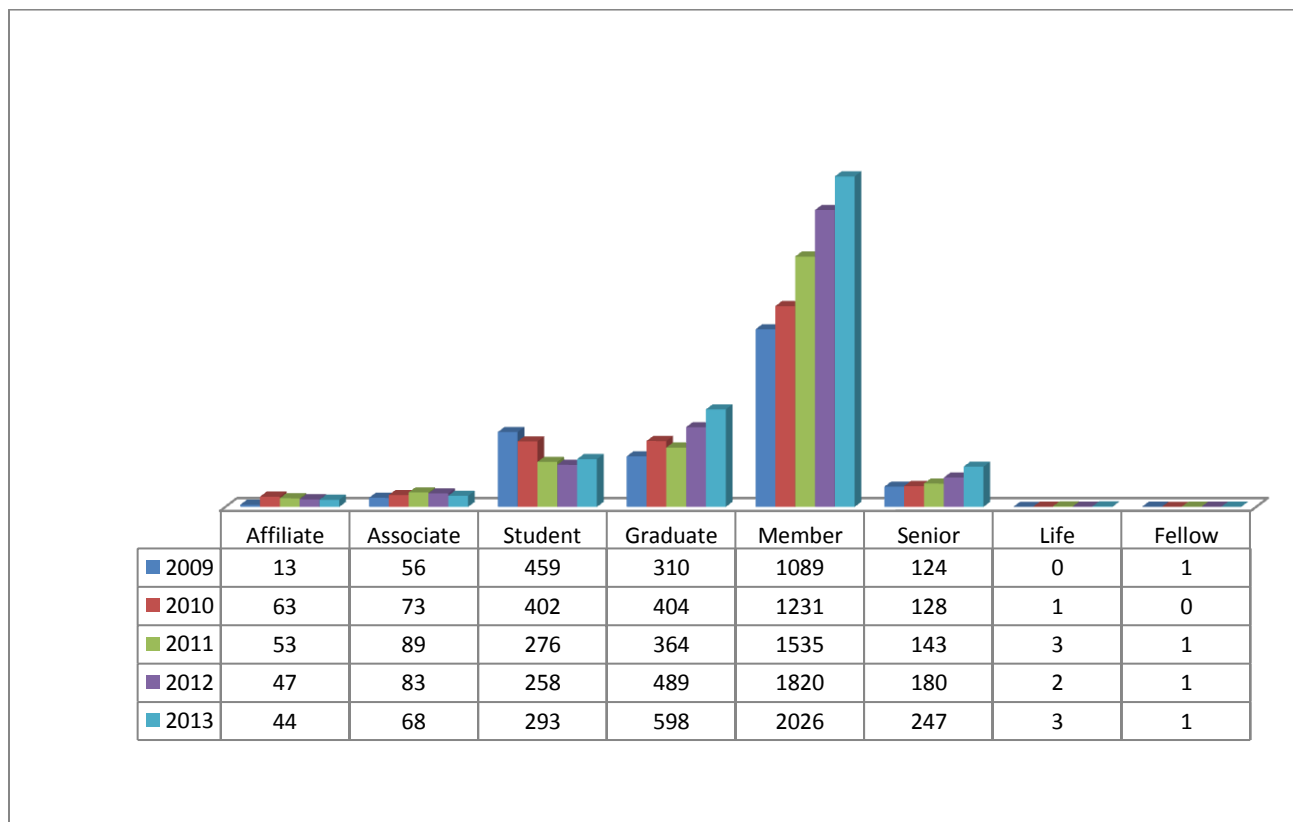


Figure B.3: IEEE Malaysia Active Members by Grade (2009-2013)

B.1.3: The number of members according to the technical societies in 2013 compared to the last four years is as shown in Table B.1:

Table B.1: Number of members in the Technical Societies (2009-2013)

Code	Society	2009	2010	2011	2012	2013
AES010	Aerospace and Electronic Systems	31	22	11	11	31
AP003	Antennas and Propagation	90	88	53	60	105
BT002	Broadcast Technology	28	14	5	6	18
C016	Computer	466	426	262	256	503
CAS004	Circuits and Systems	118	139	75	84	187
CE008	Consumer Electronics	48	40	13	19	51
CIS011	Computational Intelligence	48	78	53	63	123
COM019	Communications	866	760	388	363	1142
CPMT021	Components, Packaging and Manufacturing	63	50	44	40	86
CS023	Control Systems	89	85	66	70	125
DEI032	Dielectric and Electrical Insulation	22	25	20	19	36
E025	Education	42	70	43	42	88
ED015	Electron Devices	121	108	88	88	138
EMB018	Engineering in Medicine and Biology	38	67	56	75	143
EMC027	Electromagnetic Compatibility	41	37	21	25	38
GRS029	Geoscience and Remote Sensing	22	25	21	37	54
IA034	Industry Applications	58	65	35	32	75
IE013	Industrial Electronics	60	80	46	53	104
IM009	Instrumentation and Measurement	51	65	27	35	123
IT012	Information Theory	34	22	6	5	28
ITS038	Intelligent Transportation	9	9	3	3	18
MAG033	Magnetic Society	15	16	14	12	24
MTT017	Microwave Theory and Techniques	114	100	65	63	102
NPS005	Nuclear Plasma Science	5	6	-	3	8
OE022	Oceanic Engineering	8	20	19	12	19
PC026	Professional Communication	16	11	5	5	13
PE031	Power and Energy Society	168	159	141	137	220
PEL035	Power Electronics	41	68	67	56	82
PHO036	Photonics Society	75	73	50	47	76
PSE043	Product Safety Engineering	2	3	3	1	6
RA024	Robotics and Automation	67	95	79	108	152
RL007	Reliability	29	21	13	10	30

Code	Society	2009	2010	2011	2012	2013
SIT030	Social Implications of Technology	22	24	9	10	27
SMC028	Systems, Man and Cybernetics	35	55	42	35	75
SP001	Signal Processing	120	129	86	100	184
SSC37	Solid-State Circuits	62	44	29	31	67
UFF020	Ultrasonics, Ferroelectric	10	7	5	5	11
VT006	Vehicular Technology	30	44	19	15	46
WIE050	Women in Engineering	266	192	141	108	147

B.1.4: Social Meetings and Membership Drives were carried out by Chapters at various institutions/organizations through various ways such as promoting IEEE Membership during conferences and workshops amongst others. As a result, the number of IEEE members in Malaysia has increased for 2013.

B.1.5: Malaysia Section continues its effort to increase the number of Senior Member by organizing three Senior Member Elevation workshops. The workshops were organized at UKM, Bangi (central region) on 11th May 2013, UNIMAP, Perlis (northern region) on 24th June 2013 and UTM, Johor Bahru (southern region) on 6th July 2013. In the workshop, assistance on the online application and list of references was given to eligible members. These workshops were co-organized with VT06/COM19 and PE31 Chapters. This initiative was effective with 37% increases in Senior Membership elevation for 2013.

B.2 Chapter Activities

B.2.1: There are four joint chapters, sixteen chapters, and two affinity groups under IEEE Malaysia Section. The technical chapter and affinity group chairs are as shown in Appendix.

B.2.2: A new chapter, IEEE Malaysia Section Chapter Technology Management Council was officially approved on the 4th September 2013.

B.2.3: Most of the chapters were active and the less active chapters have been supervised by Membership /Chapter Development portfolio.

B.2.4: Table B.2 summarised the activities for each chapter based on five main categories.

Table B.2: Activities for each chapter (2013)

	Adm. meeting	Conferences	Technical	Professionals	Non-technical	Total
AP03/MTT17/EMC27	2	1	-	11	-	14
C016	11	3	4	6	1	25
CAS04	5	1	7	3	9	25
CE008	3	-	2	1	-	6
COM16/VT006	17	2	20	11	15	65
CPMT021	6	-	-	5	3	14
CSS023	20	4	15	-	11	50
E025	4	1	8	1	2	16
ED015	18	1	11	1	2	33
EMB018	20	1	17	5	25	68
GOLD	1	-	9	6	5	21
GRS	3	-	4	-	-	7
IM009	11	-	5	18	-	34
MTT-S/EDS/SSCS Penang	-	-	5	-	-	5
PE031	12	1	8	3	3	27
PEL035/IE013/IA034	-	-	-	-	-	0
PHO36	16	1	10	-	1	28
RA024	2	-	2	-	-	4
SMC028	2	1	1	3	4	11
SP001	13	1	23	2	17	56
WIE050	-	-	8	6	2	16

- (i) For details of each item, please refer to the chapter annual report in the respective chapter AGM.
(ii) The figures above are based on the L31 reported statistics from <https://meetings.vtools.ieee.org/main> as of 16th January 2014.

B.3 Professional and Continuing Education Activities

B.3.1 Professional Activities /Industrial Relation

B.3.1.1 Application for CPD was proposed for all conferences conducted under IEEE Malaysia Section. It was an effort to add value to the conference organized under the flagship of IEEE Malaysia Section.

B.3.1.2 IEEE Malaysia Section co-organized a Professional Talk titled “How to become a Professional Engineer (IR): Tips and procedures” with the Center of Innovation in Medical Engineering (CIME), Department of Biomedical Engineering, Faculty of Engineering, UM and IEEE UM student branch on the 23rd October 2013. Ir Hj Ramli bin Hj Hitam, from Board of Engineer Malaysia.

B.3.1.3 Proposed IEEE Chapter National Society Joint Awards with Institute of Engineers Malaysia (IEM) with the purpose to recognize and compliment the efforts of young

engineers and scientist in Malaysia who contributes to the betterment of humanity. The proposal has been sent and discussed with the IEM working committee and fully supported by the Board of Director of IEEE Organization.

B.3.2 Educational Activities

B.3.2.1 Leadership Camp with the purpose of providing training and sharing experiences with new chapter chairs, secretaries and treasurers on the running of Chapters. This was held on the 16th March 2013 at Hotel Putra, Kuala Lumpur. This activity was aimed to enhance leadership amongst the Malaysian Chapters. The speakers were Norliza Mohd Noor, Norman Mariun, Hafizal Mohamad, Borhanudin Mohd Ali, Zuhaina Zakaria and Suhaila Subahir.

B.3.2.2 With publicity through email broadcast and website, a total of 20 proposals were submitted to R10 EAC Board through IEEE Malaysia Section and 5 of the 20 submissions (25%) succeeded in getting the R10 EAC Support Fund. Of the total R10 EAC grant of USD5000, successful submissions from Malaysia secured USD1700 (34%), second to India with USD2800 (56%). The successful proposals are as follows:

- EMBS Malaysia Chapter/IEEE Curtin Sarawak Student Branch - Exhibition – Technology of the new era
- Student Branch Monash University Sunway Campus - Gateway to Knowledge Building Through Robotics
- IEEE Power Energy Society Malaysia Chapter - Undergraduate Outreach Program 2013
- IEEE Student Branch of Universiti Sains Malaysia - DIY PCB Workshop & Introduction to AVR Microcontrollers
- Shahida Sulaiman, Faculty of Computing, Universiti Teknologi Malaysia - IEEE-iCare PEKA: Exposure on Ethics and Safe Online Activities

B.3.2.3 Grant of USD6000 was also received for 2 proposals submitted to IEEE Engineering Projects in Community Service (IEEE EPICS). The recipients were IEEE EMBS Malaysia Chapter and Lau Bee Theng from Swinburne University Sarawak Campus.

B.4 Students Activities

B.4.1: With two new student branches formed in 2013, there are now 17 Student Branches(SB) under IEEE Malaysia Section. The newly formed SB are University of Nottingham Malaysia Campus, Universiti Selangor and Universiti Utara Malaysia.

B.4.2: Leadership Camp for IEEE Student Branch's Chair /Counselor was held at Putra Hotel, Kuala Lumpur from 16th March 2013 to 17th March 2013. The aim of the workshop is to provide information on the roles of student branch as well as sharing experiences

between student branches. Representatives from 13 IEEE Student Branches participated in the workshop.

B.4.3: To improve the relationships between IEEE Malaysia Section and its associated Student Branches, for the first time, Section Student Representative (SSR) and SSR Elect were elected among IEEE student members during the Leadership Camp at Putra Hotel, Kuala Lumpur. SSR is aimed to be the communication path among Student Branches in Malaysia and carry any concerns and opinions of Student Branches to the Section. The elected SSR for 2013 were:

- SSR: Saleh Javadi (UKM Student Branch)
- SSR Elect: Esther Ling (Curtin Sarawak Student Branch)

B.4.4: IEEE Malaysia has sent SSR Elect, Esther Ling as Malaysia's student delegate to IEEE R10 Student/GOLD/WIE Congress 2013, which was held on 11th – 14th July 2013 in Hyderabad, India.

B.4.5: Activities

B.4.5.1 The 2013 IEEE Student Conference on Research and Development (IEEE-SCORED 2013) was hosted by UKM IEEE Student Branch and co-organized by IEEE Malaysia Section. The conference was held at Palm Garden Hotel, Putrajaya, Malaysia from 16th – 17th December 2013. The conference has attracted nearly 200 papers submission from locals and overseas. Only 132 papers were accepted for presentation (around 69% acceptance rate). USM IEEE Student Branch will host the 2014 IEEE SCORED.

B.4.5.2 The First IEEE Malaysia Student Congress (IMSC 2013) was held at the Faculty of Electrical Engineering, Universiti Teknologi MARA, Shah Alam, Malaysia on 9th November 2013. The aim of this congress is to introduce the students to the world of IEEE and to boost student activities in the section by training and motivating the student branch members. Student Representative from IEEE R10, Mr. Pasan attended the congress and conducted leadership exercises to the participants.

B.4.6: Student Branch Activities

Each IEEE Student Branch has completed a number of activities for the year 2013. The name of Counselors and Chairs for IEEE Student Branches as of 31 December 2013 is as listed in Table B.3.

Table B.3: Student Branches in Malaysia

No.	Name of IEEE Student Branch	Counsellor	Chair
1	Universiti Islam Antarabangsa Malaysia (UIAM)	Musse Mohamud Ahmed	Mohd Zakwan bin Mohd Mazlan
2	Universiti Kebangsaan Malaysia (UKM)	Ramizi Mohamed	Mohammad Arif Sobhan Bhuiyan
3	Universiti Malaya (UM)	Fatimah Ibrahim	Wisam Al-Faqheri
4	Universiti Malaysia Sabah (UMS)	Farrah Wong Hock Tze	Teo Kah Ming
5	Universiti Multimedia (MMU)	Mohamad Yusoff Alias	Umair Ashfaq Bhatti
6	Universiti Putra Malaysia (UPM)	Noor Ain Kamsani	Mohd Farid Mokhtar
7	Universiti Sains Malaysia (USM)	Rosmiwati Mohd Mokhtar	Yong Bang Ming
8	Universiti Teknologi Malaysia (UTM)	Mazlina Esa	Mohd Khairul Hisham Ismail
9	Universiti Teknologi Mara (UiTM)	Rozita Jailani	Adam Bin Hairul Erwan
10	Universiti Teknologi Petronas (UTP)	Fawnizu Azmadi Hussin	-
11	Universiti Tenaga Nasional (Uniten)	Yasmin H Md Thayoob	-
12	Universiti Tunku Abdul Rahman (UTAR)	Chua Kein Huat	Hau Lee Cheun
13	Monash University- Sunway Campus	Madhavan Shanmugavel	Sanush Abeysekera
14	Curtin University of Technology- Sarawak Campus	Alpha Agape	Esther Ling
15	University of Nottingham Malaysia Campus	Chilukuri Venkata Mahendra	Teoh Meng Yong
16	Universiti Selangor (UniSel)	Mohamed Khan Aftab Ahamed Khan	Abdelrahman Zaroug
17	Universiti Utara Malaysia	Adib Habbal	Rafid Sagban

B.5 Affinity Group Activities

B.5.1 Graduate of the Last Decade (GOLD)

In 2013, IEEE Malaysia GOLD Affinity Group has organized 21 activities ranging from technical, professional and social related activities, which involved GOLD members and students.

The number of GOLD members, undergraduate and postgraduate students participated in these activities has been increased compared to previous years. Some of the highlights of GOLD activities are the IEEE Malaysia Bowling Tournament, which has attracted 45 bowlers from various chapters, technical visit to Wireless Communication Centre UTM and social visit to IEEE GOLD Singapore.

B.5.2 Women in Engineering (WIE)

IEEE WIE Malaysia Chapter has co-organised several activities throughout 2013 such as Senior Membership Drive with IEEE PES Malaysia and Bowling Tournament with GOLD. In addition, WIE Malaysia Chapter received USD300 from Region 10 WIE Support Fund for their proposal on Engineering Outreach Program. This year, Region 10

has provided travel allowance for the chair of WIE Malaysia to attend the IEEE R10 Student/GOLD/WIE Congress 2013 which was held on 11th – 14th July 2013 in Hyderabad, India. The congress was a good platform for women in engineering to explore new and existing ideas, network and discuss issues in their profession.

B.6 Awards & Recognition Activities

B.6.1 Award constituted by the section

Best Performing Chapter Award for 2013 were presented during the annual dinner held on the 25th January 2014 at Mines Wellness Hotel, Selangor. The winners are as follows:

Best Performing Chapter: Communication (COMSOC) and Vehicular Technology (VT)

1st Runner Up: Signal Processing Society Malaysia Chapter

2nd Runner Up: Power and Energy Society Malaysia Chapter

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

B.7.1 Home Page

IEEE Malaysia Section's homepage was given a facelift to align with that of R10. It is still in the process of removing redundancy and repetition. The website, <http://www.ieeemy.org> is being improved for easy navigation and user-friendliness.

B.7.2 Newsletter

Quarterly newsletter was introduced to connect with and update members on the activities of section, student branches and chapters. The newsletter reflected news that was covered by the editor in person with the exception of an article from Johore. Jan-Mac, April-June, July-Sept, and Oct-Dec newsletter can be downloaded from <http://www.ieeemy.org> (*tab* events & activities, *navigation* newsletter). Alternatively, <http://ieeemy.org/mysection/blog/category/newsletter/>. Members were also informed of the quarterly newsletter through IEEEMY@listserv.ieee.org

B.7.3 Articles to R10 Quarterly Newsletter

The Section has submitted three articles to R10 newsletter.

- 4th IEEE Curtin Sarawak Exhibition on Technology of the New Era
- Using Information Communication Technology to Bridge Troubled Youths
- IEEE Malaysia Stands by Our Youths – a community involvement project

B.7.4 Communication Points

The following are key communication points with their respective group.

Chapter Chairs: ieemychapter@googlegroups.com

Executive Committee: ieemyxcom@googlegroups.com

Members: IEEEMY@listserv.ieee.org and ieemy@googlegroups.com

Prepared by



Zuhaina Zakaria
Hon Secretary
IEEE Malaysia Section 2013

Approved by



Norliza Mohd Noor
Chair
IEEE Malaysia Section 2013

PART C: OTHERS

C.1: Relationship with National Societies

The Section has good relations with national professional bodies or societies. Several conferences organized by the Section were either co-organized with these bodies or participated by their members. IEEE Malaysia Section and the Institute of Engineers Malaysia (IEM) has already agreed on a joint awards IEEE-IEM to recognized individuals and corporations contribution for the betterment of the engineering community.

C.2: Special Events

The Section has organized Merdeka Raya Carnival for the members in conjunction with Malaysia Independence Day and Hari Raya Eidul Fitri. The event is similar to family day where friends and families gather together in informal atmosphere networking and socializing. The event also ingrained patriotism to the members to cherish the country they belong and live.

C.3: Problems to be Anticipated

The decrease in student numbers needs to be addressed more aggressively by all concerned. All chapters also need to be more pro-active in attracting members by increasing their presence through organizing more high-impact activities.

C.4: Best Practices

Section always upholds transparency in its activity and this reflects from the yearly section finance and activity report. In addition, Section always prudent in its spending.

PART D: GOALS AND PLANS

D.1 Continuation of Project/Activity in Progress and Their Implementation Plans

The Section will continue support all activities that already in the pipeline from the previous years. The Section will monitor so that the implementation of all activity is according to the IEEE By-laws and benefits the members. At the same time the Section will continue have activities that will nurture the IEEE Malaysia Student Branch so that they remain active and relevant to their community. Section will encourage more participation from Student Branches in embarking community work and social responsibility especially to the underserved community.

D.2 Goals and Future Plans

The IEEE Malaysia Section goal is to be the leader of technical society for electrical and electronic engineers in the country. We hope to increase the visibility of IEEE among the public and to enhance benefits to members by providing members with access to high quality technical information through lectures, short courses, workshops and conferences. We are also putting more efforts in promoting community services Malaysian-wide by increasing cooperation with the industry and society at large. Section has embarked on IEEE SIGHT project with the underserved community in the local area, and will continue to do so and expand the effort to the regional area.

The Section also plans to attract more members and upgrade the membership status of its members. Efforts to increase student members and student branches will be carried out more actively.

Financial Report for Year Ended 31st December 2013

IEEE MALAYSIA SECTION ACCOUNT - 014011326953

<u>BANK BALANCE, CASH IN HAND AND EXPENSE STATEMENT</u>	RM	RM
Bank balance as at 31 st December 2012	105,812.64	
Cash in hand as at 31 st December 2012	139.00	105,951.64

INCOME AND EXPENSE STATEMENT for year ended 2013

<u>INCOME</u>	RM	RM
1 2012 Section Rebate from IEEE HQ (<i>USD13,860.50</i>)	43,470.87	
EPICS Funding	11,935.00	
TENSYMP2014 Seed money	15,960.00	
2012 Student Rebate from IEEE HQ (<i>USD856</i>)	2,516.23	
AIMS Conference donation	4,876.50	
SIGHT fund	804.00	
Dinner 2012	12,750.00	
Return Seed Money (EMBS)	5,000.00	
Sponsor Merdeka Raya	1,674.00	98,986.60
2 Professional Activity (Conference/Seminar/Short Course/Society)		
Surplus from APACE2012	4,327.46	
Surplus from CSPA11	2,640.32	
Surplus from ICSGRC11& ICSET11	1,093.56	
Surplus from PEOCO 2012	1,793.40	
Surplus from ICCSCE	3,087.27	
Surplus from IECBES 2012	4,078.00	
Surplus from ISTT2012	1,256.00	
Surplus from ICSIPA2013	6,900.00	
Surplus from ICOS11 & ICOS 12	9,630.91	34,806.92
TOTAL INCOME		133,793.52

EXPENDITURE

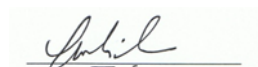
1 Travelling, Meeting, Rebates and Grant		
AGM 2012	63,809.40	
Meetings Expenses (Travelling/Food/Rebates)	9,569.00	
R10 Meeting Expenses	2,841.61	
Dinner expenses	14,723.50	
Chapters (Grants 2013)	13,000.00	
Bonus chapters 2012	3,250.00	107,193.51
2 Secretariat and Operating Expenses	6,480.00	6,480.00
3 PROFESSIONAL ACTIVITIES (Conference/Seminar/Short Course/Talk/Congress/Society)		
Leadership Camp Seminar	10,535.00	
SIGHT fund	805.00	
EPICS funding (Curtin Sarawak)	11,935.00	
WIE and Student Congress Hyderabad	4,492.96	27,767.96
4 Conference Loan		
I&M Chapter	5,000.00	
ICCAS2013	5,000.00	
Open Conference Current account (IEEE Malaysia Section Conference)	2,000.00	
TENSYMP2014 seed money	15,960.00	27,960.00
5 Community/Social Activities		
Merdeka Raya Carnival	5,445.00	
IEEE Malaysia Stands by Our Youths	2,271.80	
Education activity	216.00	7,932.80

6	Miscellaneous		55.00	<u>55.00</u>
		TOTAL EXPENDITURE		<u>177,389.27</u>
	<u>2013 SURPLUS/(DEFICIT)</u>			-43,595.75

SUMMARY OF BANK BALANCE AND CASH IN HAND as at 31st**December 2013**

Bank balance as at 31st December 2013	22,341.89	
Cash in hand as at 31st December 2013	14.00	
Cash in Bank (Fixed Deposit Oct-Jan)	40,000.00	
Total cash in hand, cash in Bank and Bank Balance as at 31st December 2013		62,355.89

This financial statement was duly signed by:



(1) Norliza Mohd Noor (4970141)
Chairman, IEEE Malaysia Section



(2) Suhaila Subahir (41612745)
Treasurer, IEEE Malaysia Section



(3) Ali Selamat(41391270)
Auditor 1



(4) Ismail Musirin(41392457)
Auditor 2

List of Joint Chapters/Societies/Affinity Groups

Name	Chapter Chair
Joint Chapters	
Antenna & Propagation (AP), Microwave Theory and Techniques (MTT) and Electromagnetic Compatibility (EMC)	Mohd Khairul Mohd Salleh
Communication (ComSoc) and Vehicular Technology (VT)	Nordin Ramli
Electron Devices (EDS), Microwave Theory and Techniques (MTT) and Solid-State Circuits (SSCS), Penang	Jagadheswaran Rajendran
Industrial Applications (IA) and Industrial Electronics (IE)	Mustafar Kamal Hamzah
Circuits and Systems (CAS)	Fawnizu Azmadi Hussin
Components, Packaging, and Manufacturing Technology (CPMT)	Chee Choong Kooi
Computer Society (CS)	Abdul Rahim Ahmad
Consumer Electronics	Abdul Rahman Ramli
Control (CS)	Mohd Nasir Taib
Education (EduSoc)	Juliana Johari
Electron Devices (EDS)	Mohd Nizar Hamidon
Engineering in Medicine and Biology (EMBS)	Chong Yu Zheng
Geoscience and Remote Sensing	Chuah Hean Teik
Instrumentation and Measurement (IM)	Teddy Surya Gunawan
Photonic (PS)	Ahmad Shukri Muhammad Noor
Power and Energy Society (PES)	Mohd Zainal Abidin Ab Kadir
Power Electronics (PELS)	Mustafar Kamal Hamzah
Robotic and Automation (RAS)	Hanafiah Yussof
Signal Processing (SP)	Mohammad Faizal Ahmad Fauzi
System, Man and Cybernetics	Khairul Salleh bin Mohamed Sahari
Graduate of Last Decade (GOLD)	Fazirulhisyam Hashim
IEEE Malaysia Women in Engineering (WIE)	Rozita Jailani

APPENDIX

Summary of IEEE Student Branch Activities

No	IEEE Student Branch	Administrative meeting	Technical	Non-technical	Others	Membership as of 31 Dec 2013 [source: SAMIEEE]		
						Graduate Student Member	Student Member	Total
1	Universiti Islam Antarabangsa Malaysia (UIAM)	-	-	5	-	12	1	13
2	Universiti Kebangsaan Malaysia (UKM)	2	5	2	3	58	9	67
3	Universiti Malaya (UM)	2	1	4	-	50	7	57
4	Universiti Malaysia Sabah (UMS)	4	2	3	1	9	4	13
5	Universiti Multimedia (MMU)	8	2	1	1	16	15	31
6	Universiti Putra Malaysia (UPM)	13	12	13	-	42	17	59
7	Universiti Sains Malaysia (USM)	19	19	16	10	30	13	43
8	Universiti Teknologi Malaysia (UTM)	6	6	5	5	141	12	153
9	Universiti Teknologi Mara (UiTM)	14	3	9	27	50	64	114
10	Universiti Teknologi Petronas (UTP)	-	-	-	-	40	4	44
11	Universiti Tenaga Nasional (Uniten)	-	-	-	-	10	10	20
12	Universiti Tunku Abdul Rahman (UTAR)	-	2	6	-	3	11	14
13	Monash University- Sunway Campus	1	1	2	-	5	9	14
14	Curtin University of Technology- Sarawak Campus	18	12	8	3	5	24	29
15	University of Nottingham Malaysia Campus (UNMC)	8	5	12	3	-	35	35
16	Universiti Selangor (UniSel)	12	4	2	9	1	16	17
17	Universiti Utara Malaysia (UUM)*	-	-	-	-	13	7	20

* formed in December 2013