

**Annual Report for year 2014**  
**Nomination: IEEE Best Section Award Middle Category**

# IEEE Karachi Section Report

## PART A - SECTION SUMMARY

### A.1 Executive Summary

#### Section Executive Committee Member List

1. Engr. Parkash Lohana Chair, IEEE Karachi Section – Usman Institute of Technology – parkash@ieee.org
2. Dr. Shahab Siddiqui Vice Chair and TISP Coordinator for Section- Hamdard University – shahab.siddiqui@ieee.org
3. Engr. Tahir Saleem – United Engineering Services - tahirsaleem6@gmail.com
4. Prof. Ashab Mirza IIEE University- ashab.mirza@hotmail.com | ashabmirza@yahoo.com
5. Dr. Vali Uddin Director Hamdard University - vali.uddin@hamdard.edu.pk
6. Dr. Shakeel Khoja- Chair, IEEE Computer Society Chapter- IBA Karachi - shakeelkhoja@gmail.com
7. Dr. S. Misbahuddin Sir Syed University - doctorsyedmisbah@yahoo.com
8. Engr. Sheikh Imran ul Haque - Engro Vopak Terminal- sihaque@engro.com
9. Dr. Vali – Hamdard University - v\_uddin@hotmail.com
10. Dr. Mohammad Shahid Shaikh – Habib University- shahid.shaikh@huf.org.pk
11. Dr. Haroon Rashid – Bahria University- haroon.rasheed@bimcs.edu.pk
12. Engr. Bilal Shaikh – DHA Suffa University- bh92@alumni.le.ac.uk
13. Engr. Rabeet Sagri – Young Professionals Karachi Chapter Chair – rabeet.sagri@ieee.org
14. Engr. Ahsan Saeed – Membership Development Chair- Fauji Fertilizers ahsansaeed0@gmail.com
15. Engr. Sarang Shaikh – SAC Chair, Treasurer and Secretary – sarangshayk@gmail.com
16. Dr. BS Chowdhary- Chair, COMSOC Karachi Chapter – Mehran University- c.bhawani@ieee.org

#### Section Highlights

##### Major Events:

SCONEST, KSSC'14, TISP Workshop and INMIC'14

##### Technical Professional Activities:

2 Technical Seminars (May and September, 2014)

##### Student Accelerated Activities

TISP Workshop (Hamdard), Biggest IEEE Day (Mehran UET Jamshoro) and IEEE Xtreme (IBA Sukkur)

##### Membership Development Practices

8 Mentoring and Introductory Sessions

#### Technical Achievements:

- **EPICS Project:** First ever EPICS project at Pakistan by Hamdard University, bragged 3,000 USD
- **TISP Workshop:** First ever TISP Section and SB workshop at Pakistan by Karachi Section and Hamdard SB, funded by IEEE Education Board
- **SIGHT Project and CEW Workshop:** Second for Karachi Section and only 2<sup>nd</sup> for Pakistan, funded 500 USD, Community Engagement Workshop on 25<sup>th</sup> Jan, 2014 was funded by IEEE SIGHT
- **IEEE VOLT Program:** The program started in 2013, in two years out of 3 selected volunteers from Pakistan, two of them were from Karachi Section i.e. Hassan Idrees (2013 Fellow) and Sarang Shaikh (2014 fellow)
- **IEEE Academics:** Two SB's i.e. ISRA and NUCES were given equipment worth 1,000 USD
- **SB events:** A total of 85 events from 14 Universities have been organized throughout 2014

#### Other Achievements:

- 2 Online Webinars featuring speakers from Amazon and Cisco USA by IEEE YP Karachi Chapter
- More than 1,000 USD has been achieved by IEEE YP Karachi Group on activities such as Industry Tour, Pro Loop, and STEP.
- Ms. Hiba Latifee from NED University, Karachi was selected among 14 young WIE Leaders all over the world to get fully funded sponsorship to attend IEEE WIE International Congress 2014 in San Francisco, CA in May, 2014.
- SPAC organized by IEEE NUCES SB in April, 2014 and IEEE Green Energy Showcase at IEEE NUCES Student Branch (IEEE SIGHT Activity)

### Major Events (International, National)

Major events include: INMIC'14 (International Research Conference), SCONEST (Karachi Section Student Level Research Conference), Karachi Section Student Conference'14 (All Karachi Section level conference) and IEEE TISP Workshop by Karachi Section (First ever in Pakistan).

### Major Chapter Activities

Major Chapter activities include: World Telecom Day'14 celebration by IEEE COMSOC Karachi Chapter at Mehran University, Jamshoro

### Major Student and Affinity Group Activities

- SPAC organized by IEEE NUCES SB in April, 2014 and IEEE Green Energy Showcase at IEEE NUCES Student Branch (IEEE SIGHT Activity)
- TISP Workshop by Hamdard University, Karachi.

- 3 new Student Branches formed i.e. - Indus University, Karachi University and MUCET Khairpur

## Awards

<ul style="list-style-type: none"> <li><b>Humanitarian and Pre-School Activity Funds Approved</b></li> </ul>	<ul style="list-style-type: none"> <li>EPICS by IEEE Hamdard University SB, project approved 3,000 USD</li> <li>TISP Workshop by Karachi Section, funds approved 200 USD</li> <li>TISP Workshop by Hamdard University SB, funds approved 200 USD</li> <li>SIGHT Project approved, seed grants 500 USD</li> </ul>
<ul style="list-style-type: none"> <li><b>Region 10 Newsletter Publications</b></li> </ul>	<ul style="list-style-type: none"> <li>ISRA University SB</li> <li>NED WIE AG</li> <li>Karachi University</li> <li>Fast University</li> </ul>
<ul style="list-style-type: none"> <li><b>IEEE Young Professionals MGA Leadership Award</b></li> </ul>	<ul style="list-style-type: none"> <li>Presented to Mr. Ahsan Saeed</li> </ul>
<ul style="list-style-type: none"> <li><b>IEEE VOLT Program</b></li> </ul>	<ul style="list-style-type: none"> <li>Selected: Mr. Sarang Shaikh</li> </ul>
<ul style="list-style-type: none"> <li><b>Outstanding WIE Affinity Group Chair Award</b></li> </ul>	<ul style="list-style-type: none"> <li>Presented to Ms. Hiba Latifee from NED by Pakistan WIE Forum</li> </ul>
<ul style="list-style-type: none"> <li><b>Outstanding WIE Affinity Group Award</b></li> </ul>	<ul style="list-style-type: none"> <li>Presented to: WIE Affinity Group NED Karachi</li> </ul>

## A.2 Financial Report

### Summary (as per submitted L50)

#### IEEE Karachi Section Financial Balance Sheet

S.no	Month	Opening Balance	Closing Balance	Difference
01.	February, 2014	17,110.25	17,278.13	+167.88
02.	March, 2014	17,278.13	17,281.16	+3.03
03.	April, 2014	17,281.16	17,284.54	+3.38
04.	May,2014	17,284.54	17,287.95	+3.41
05.	June,2014	17,287.95	17,541.33	+253.38
06.	July,2014	17,541.33	17,544.63	+3.30
07.	August,2014	17,544.63	17,548.21	+3.58
08.	September,2014	17,548.21	17,551.79	+3.58
09.	October, 2014	17,551.79	18,382.90	+831.11
10.	November,2014	18,382.90	18,648.82	+265.92
11.	December,2014	18,648.82	18,882.95	+234.13

## Any other financial activities:-

### Over-all Expenses

#### 1. Expense Amount paid (Wire Transferred) via IEEE Custody Account to individuals for year 2014:

S.no	Receiving Month	Name of Activity	Amount Details	Amount in Numbers
01.	16-October-2014	Technical Seminar, Avari Hotel, Karachi	Remaining Amount for Avari Hotel Expenses on 2 <sup>nd</sup> Technical Seminar	311.50 USD
02.	15- October-2014	IEEE Sections Congress, Secondary Delegate	50% take from Section Custody Account	1448 USD
03.	15-October-2014	IEEE Sections Congress, Primary Delegate	Remaining amount to be paid via Section	192 USD
04.	20-December-2014	IEEE Pakistan Student and Young Professionals Congress 2014- Travel Grants	Travel Grants to Students and Young Professionals for Participating in IEEE Pakistan Student and Young Professionals Congress 2014	594 USD
			Total:-	2545.5 USD
			Expense paid to individuals	

#### 2. Expense Amount paid (Wire Transferred) via IEEE Custody Account to Student Branches and host parties by Karachi Section:

S.no	Month	Name of Activity	Amount Details	Amount in 6 Numbers
01.	13-September-2014	Sconest 2014, ISRA University	Amount to be given as partial event finance support from Karachi Section	292 USD
02.	06-January-2015	IEEE Explosion event by Mehran University Jamshoro	Amount to be given as partial event finance support from Karachi Section	299 USD
03.	06-January-2015	SPAC event grants for FAST University	SPAC Grants for FAST University	250 USD
			Total:-	841 USD
			Expense paid to Universities	

### Overall Income

#### 1. Income Amount received as re-imbursements and rebates by Region 10 | EAB and MGA for activities:

S.no	Month	Name of Activity	Amount Details	Amount in Numbers
01.	20-February-2014 *As received	Student Branches Rebate	For UIT and IBA Sukkur Universities	164 USD
02.	4-November-2014 *As received	Technical Seminar at Avari Hotel Karachi	50% Grants from Region 10	262.09 USD
03.	7-October-2014 * As received	TISP Workshop Karachi Section	Re-imbursements from IEEE Educational Activities Board	185.5 USD
04.	27-October-2014 * As received	IEEE EPICS Project approved Grants	Approved Grants for Hamdard University	3,000 USD
05.	02-December-2014	Student Branches Yearly Rebates	NED, UIT, ISRA, MUET, Hamdard, FAST	824 USD
			Total:-	4435.59 USD

	Income generated
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2. Income generated by Bank Interest per each month from February to December,2014  
= **42.52 USD**

**Assets and Liabilities for year 2015**

**1. Liabile Expense Amount has to be paid (Wire Transferred) via IEEE Custody Account to Student branches, host parties and individuals by Karachi Section in 2015:**

01.	22-November-2014	Karachi Section Student Congress 14 by Indus University on 22 November	Amount to be given as partial event finance support from Karachi Section	30,000 PKR  Can vary between 290-310 USD * as per conversion rates
04.	03-Dec-2014	TISP Workshop in Hamdard University	Amount to be given as received from IEEE Educational Board in Custody Account	200 USD
05.		MUCET IEEE Inauguration	TA/DA for Travelling to MUCET and YP Meeting allotted amount	55 USD
			Total:-	505 USD and 60,000 PKR

**3. Asset Income Amount to be received as re-imbursements and grants by Region 10 and IEEE SIGHT for activities:**

S.no	Month	Name of Activity	Amount Details	Amount in Numbers
01.	1-October-2014	IEEE YP Engro Vopak Tour	Industry Tour IEEE DAY Celebration Grants by Region 10	63.5 USD
02.	18-Dec-2014	IEEE SIGHT Approved Project	Temperature Moderator Project approved by IEEE SIGHT	500 USD
03.		IEEE Pro Loop Event	Organized by IEEE YP Karachi Chapter by winning grants to IEEE YP Grants R10	310 USD
			Total:-	873.5 USD

## PART B - ORGANIZATIONAL ACTIVITIES

### B.1 Membership Development Activities

**Total number of active members in the past 3 years:-**

Members Category	Membership As on					
	31-Dec-09	31-Dec-10	31-Dec-11	31-Dec-12	31-Dec-13	Latest
Senior Members	0	0	0	0	0	1
Senior Life Members	0	0	0	0	0	1
Senior Members	7	9	9	9	10	9
Members	166	217	172	179	198	230
Graduate Student Members	33	41	30	22	23	50
Associate Members	15	16	13	12	9	12
Student Members	298	313	358	272	368	382
<b>Total</b>	519	596	582	494	608	685
Annual Increase (%)		+15%	-2.5%	-15%	+24%	+13%
<b>Total Student Members</b>	298	313	358	272	368	382
Growth Rate for Students		+5%	+15%	-24%	+36%	+4%
Students as % of total members	57%	53%	61.5%	55%	60.5%	56%

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

Over all in year 2014, IEEE SAC Team conducted 3 SAC meetings with IEEE SB Officers.

For incessant activities, IEEE Karachi Section Ex-com Members gave Mentoring session at different student branches and as well as IEEE Membership Drive session was the parallel part of it. The following are Student Branches with Ex-com members that have went to deliver session on IEEE as given bellow:



<b>S No</b>	<b>Student Branch Name</b>	<b>Ex-com Member Name</b>	<b>Designation at IEEE KHI SEC</b>
1.	IEEE PNEC	Sarang Sheikh	SAC & Treasure
2.	IEEE MUCET	1.Sarang Sheikh 2.M. Hanan	1.SAC & Treasure 2. SSR
3.	IEEE Indus University	1. Dr M. Shahab Siddiqui 2. Sarang Sheikh	1. Vice Chair 2. SAC & Treasure
4.	IEEE NED SB	Rabeet Sagri	YP Chair
5.	IEEE Bahria University	M. Hanan Daudpota	SSR
6.	IEEE Sindh Univeristy	M. Hanan Daudpota	SSR
7.	IEEE Isra University SB	Rabeet Sagri	YP Chair
8.	IEEE UIT SB	1.Hanan Daudpota 2.Sohaib Qamer	SSR Guest from Region 8

## **B.2 Chapter Activities**

### **Total number of Chapters in the Section**

There is a Communications Society and Computer Society Chapters at Karachi Section.

### **Number of Chapters formed in the current year**

No chapter has been formed, although IEEE Power and Energy Society petitions are submitted and it is in the process of making.

### **Number of active Chapters (Chapters who have reported required number of meetings during the year)**

There are two Chapters, COMSOC and Computer Society; they have reported the required number of meetings.

### **Summary of Chapter activities (Chapter wise with attachment table/information)**

1. Event Name	IEEE Explosion'14
2. Date of Event	14 October 2014
3. Number of Participants	800
4. Event Speakers	Mr. Usman younis, Prof. Dr. Hamidullah Qazi
Prof. Dr. Ahsan Ahmed Ursani.	
5. Outdoor Participation	250

## **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:-**

■ 1<sup>st</sup> Technical Seminar on 29<sup>th</sup> May, 2014

Location: DHA Sunset Club, Karachi

Theme: Pakistan Gateway to Energy

Participants: 23

Speakers: Engr. Sheikh Imran Haque and Dr. Arslan Jawaid

□ 2<sup>nd</sup> Technical Seminar on 27<sup>th</sup> September, 2014

Location: Avari Hotel, Karachi

Theme: Humanitarian challenges for 21st century

Participants: 37

Speakers: Dr. BS Chowdhary, Dr. Zubair Shaikh and Dr. Nazir Vaid

Funding support: Partially by IEEE Region 10

## **B.4 Students Activities**

### **Total number of Student Branches in the Section and Number of Student Branches formed in the current year:-**

IEEE Karachi Section started its year 2014 with the new initiatives that are planned and in process to be scheduled to benefit IEEE Members lying under IEEE Karachi Section.

As IEEE Karachi Section has 23 IEEE Student Branches & in this year 2014 there were 3 new IEEE Student Branches have been introduced at IEEE Karachi Section. The Universities were Indus University, MUET Khairpur & University of Karachi.

### **Section level student activities (student congress, paper and other contests, awards etc.):-**

- SCONEST by IEEE ISRA SB was a Section Level Student Research Conference
- Procom'14 by IEEE NUCES SB was a Section Level Inter University Student Competition
- Karachi Section Student Conferences 2014 by IEEE Indus University was a Section Level Student and Young Professionals Congress.

### **Number of active Student Branches (Student Branches who have reported required number of meetings during the year):-**

There are 11 student branches out of 23 who have attended all 3 SAC meetings for year 2014 and have reported on Vtools.

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

As other Student Branch also actively work at their respective SB below table shows name of SB, number of activities and brief overview of activities.

S.No	Name of Student Branches	No of Activities in 2014	Brief Overview of Activities
1.	IEEE Sindh University (ICT) SB.	8	UoS SB have arrange 2 competitions 4 seminars and 2 workshop at respective SB
2.	IEEE MUET Khairpur SB	4	They have arranged 1 Section level competition, 2 Seminars and 1 workshop.
3.	IEEE Indus University SB	5	Indus SB have arrange 1 outdoor activity , 2 seminars 2 workshops and 1 activity was at section level (IEEE Karachi Section Student Congress )
4.	IEEE Isra University SB	6	Isra SB arranged 3 seminars, 1 game competition, 1 national level competition and 1 activity at section level ( SCONEST Conference 2014)
5.	IEEE UIT SB	4	They have arranged 1 Conference & 3 seminars.
6.	IEEE University of Karachi SB	10	Uok SB has arranged 2 events & 3 mega activities, beside they have seminars & workshops 3 to 3 in a month.
7.	IEEE PNEC SB	9	1 Workshop, 1 national Symposium, 4 seminars, IEEE day & membership drives.
8.	IEEE SZABIST SB	4	3 seminars and 1 workshop of 5 days
9.	IEEE NUCES SB	10	Its include 1 workshop , 1 national level competition ,4 seminars , IEEE day & membership drives
10.	IEEE PAF-KIET	2	IEEE day & membership drives, Seminars & workshop.
11.	IEEE NED SB	3	
12.	IEEE MUET SB	5	1 national level competition , 3 seminars and 1 workshop
13.	IEEE HIIT SB	10	IEEE day & membership drives, Seminars & workshop and TISP workshop.
14.	IEEE IBA Sukkur SB	5	1 section level competition, IEEE Xtream Competitions, 1 seminar & 2 workshops.
Total No Activities		85	

## B.5 Affinity Group Activities

### Young Professional (YP):-

IEEE Young Professionals Karachi Affinity Group  
**Activities 2014**

## IEEE YP Karachi Monthly Meetings

SNO	Month	Date	Venue	No. of Participants	Financial Support
01	August	30-08-2014	FAST City Campus	6	IEEE Karachi Section
02	September	29-09-2014	Atrium Mall	5	IEEE Karachi Section
03	November	29-11-2014	FAST City Campus	6	IEEE Karachi Section
04	December	14-12-2014	FAST City Campus	6	IEEE Karachi Section
	Total (4)				

## IEEE Webinars

SNO	Month	Date	Speaker	No. of Participants	Budget	Financial Support
01	July	12-07-2014	Ravendar Bhojwani from Amazon.com	180	0	N/A
02	September	27-09-2014	Waris Saghir from Cisco USA	110	0	N/A

## Study and Field Trip

Date	01-10-2014
No. of Participants	30
Benefit	
Budget	13000/ PKR
Financial support	Partial funded by IEEE Region 10 Industry Relations and Partial funded by IEEE Karachi Section

## Participation in IEEE Pakistan Student, Young Professionals, Women In Engineering

Date	24-10-2014 to 26-10-2014
No. of Participants	3
Benefit	
Budget	23000 / PKR
Financial support	Funded by IEEE Karachi Section

## Congress 2014

## IEEE STEP at IEEE Karachi Section Student Congress 2014

Date	22-11-2014
No. of Participants	150
Benefit	
Budget	50000 / PKR
Financial support	Funded by IEEE MGA Young Professionals

## Mentor Program – Pro Loop 2014

Date	29-11-2014
No. of Participants	100
Benefit	

Budget	31000 / PKR
Financial support	Funded by IEEE Region 10 Young Professionals

### Participation in Events/Activities representing IEEE YP Karachi and IEEE Karachi Section

SNO	Date	Event/Activity
01	05-04-2014	IEEE Xplore at IEEE NEDUET Student Branch (IEEE Introduction)
02	24-04-2014	Xploring IEEE at IEEE Isra Student Branch (IEEE SIGHT)
03	12-05-2014	IEEE Green Energy Showcase at IEEE NUCES Student Branch (IEEE SIGHT Activity)
04		Inauguration Ceremony at IEEE MUET Khairpur Student Branch (IEEE YP Intro)
05	00-10-2014	IEEE Day at IEEE NEDUET Student Branch (IEEE Benefits)

### Women in Engineering (WIE):-

IEEE Karachi Section do not have WIE Affinity Group but one of its Student Branch i.e IEEE NED has WIE group and its very vibrant and active, here are some of the details of the group's activity.

1. Training on Windows 8.1 Application development: 29th-30th may 2014
2. A hands-on workshop on app development given by Muhammad Umer head of Microsoft Innovation Center, 30 attendees
3. Night in the stars: 17th June 2014, astronomy-based and stars viewing through telescope, 110 attendees
4. WIE head to head: 15th October 2014, a motivational talk on how women can come ahead in engineering, 60 attendees
5. Workshop on FPGA: 10 attendees

### Life Member:-

Karachi Section didn't have any activity or event for Life Members.

### B.6 Awards & Recognition Activities

#### Award constituted by the Section:-

IEEE Karachi Section Student Branches and Volunteer Awards 2014

Winners:

1. **Best Student Branch of the Year Award-** Hamdard University, IEEE SB
2. **Special Mention for Best Student Branch of the Year Award-** ISRA University, IEEE SB
3. **Best Student Branch Chair Award-** Mr. Zeeshan Noorwala, Indus University, IEEE SB
4. **Best Student Branch Initiative Award-** Karachi University, IEEE SB for Project Based Training Workshops for Students and Graduates

5. **Special Mention for Best Student Branch Initiative Award-** FAST University, IEEE SB for IEEE SIGHT Awareness Exhibition
6. **Best Student Volunteer Award-** Mr. Utam Prem from Hamdard University, IEEE SB

### **Award(s) received from R10:-**

Following are the awards that have been received by Region 10 either for Section or Young Professional Activities.

1. IEEE Karachi Section submitted a proposal and received partial 50% funding for organizing a Technical Seminar on 27<sup>th</sup> September, 2015.
2. IEEE Young Professionals Karachi Chapter submitted an event proposal for which it won 310 USD from IEEE Industry Relations Team – Region 10 to organize Pro-Loop event.

### **Award(s) received from IEEE HQ:-**

1. Mr. Ahsan Saeed, IEEE Karachi Section MD Chair won one of the MGA Young Professional Leadership Award 2014 out of 6 globally.
2. Ms. Hiba Latiffee from IEEE NED Student Branch won Outstanding WIE Affinity Group Chair Award in 2014.

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

### **Newsletter (name and number of issues in the year):-**

This time, we didn't went for Newsletter, we are working one to release in April,2015 but our SAC Chair Mr. Sarang made a Slide-Share as its on web, reach is higher, easy to see, less time consuming. The following slide has summarized Karachi Section activities from starting to end of year 2014 and it was also presented at AGM to all participants and is online.

<http://www.slideshare.net/SarangShaikh1/ieee-karachi-section-annual-report-2014>

### **Home Page of the Section (give the URL and how often it is updated):-**

We update Facebook page with every minute little update or news.

<https://www.facebook.com/IEEEKarachiSection>

### **Other means of contacts with Section members:-**

<http://sites.ieee.org/karachi/>

## B.8 Industry Relations

### Membership growth and retention:-

Year	Total Members that year	Newly joined members out of total members	Renewed members from past year out of total members	Members which didn't renewed from past year to join this year	Members who renewed to next coming year from total count	Members who didn't renewed to next coming year from total count
2011	582	287	295	301	273	309
2012	494	221	273	309	185	309
2013	608	423	185	309	265	343
Current	712	447	265	343	-	-

#### Summarized Points:

Each year the total membership increase slightly except in 2012.  
 Membership acquisitions are increasing year by year except 2012.  
 Membership Retentions are slightly increasing but not satisfactory.  
 Member's interest to continue for coming year is decreased.

#### Activities for/with industrial members:-

There were three moments where Karachi Section actively participated and involved industry into IEEE activities.

1. IEEE Karachi Section Young Professionals Group Organized an Industry Tour to Engro Vopak Terminal, Karachi on 1<sup>st</sup> October, 2014 to celebrate IEEE DAY. Over 30 students participated.
2. IEEE Karachi Section officers attended Industry Expo Pakistan and distributed invitations to industry professionals for September Technical Seminar.
3. Meeting with Karachi Electric for their training program.

## B.9 Humanitarian Technology Activities

- EPICS by IEEE Hamdard University SB, project approved 3,000 USD
- TISP Workshop by Karachi Section, funds approved 200 USD
- TISP Workshop by Hamdard University SB, funds approved 200 USD
- SIGHT Project approved, seed grants 500 USD

## B.10 Community Activities

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

## PART C - OTHERS

### C.1 Special Events

One of the special event that IEEE Karachi Section organized was a “Appreciation Ceremony” in latest Annual General Meeting. In this ceremony around 15 certificates were customized and ordered by IEEE Product and Services department along with President Signature and it was presented to those IEEE members that have been contributing throughout the years in their capacity and best to Karachi Section in every aspect. Following were the names and citations that were posted on certificates of appreciation.

**Engr. Tahir Saleem:** - For outstanding dedication and support to IEEE Karachi Section and to the Electrical Engineering Profession

**Engr. Sheikh Imran:** - For contributions to IEEE Karachi Section student, young professional and full professional’s activities. (Mr. Imran was past Karachi Section Chair along with that he arranged an Industry Tour at his company for dozens of students at Young Professional Karachi platform.

**Dr. Zubair Shaikh:** - For outstanding support to IEEE Karachi Section on student and technical activities. (Dr. Zubair has always helped in arranging space for every quarterly SAC meeting).

**Mr. Abdul Rauf:** - For outstanding leadership and contributions to IEEE Karachi Section Pre-Education and Humanitarian activities. (Mr. Rauf has been a strong contributor to SIGHT and TISP Activities).

**Prof. Ashab Mirza:** - For lifelong dedication and support to IEEE Karachi Section and to the Electrical Engineering Profession. (Mr. Ashab has always carried out nominations and elections process).

**Dr. B.S Chowdhary:** - For outstanding service to the IEEE COMSOC through effective leadership as the Chair of Karachi Chapter.

**Dr. Fahim Umrani:** - For innovative work in IEEE SIGHT leading to humanitarian activities. (Dr. Fahim Umrani initiated the first ever SIGHT funded project in Pakistan and Karachi Section which was also published at IEEE GHTC 13).

**Dr. Shahab Siddiqui:** - For outstanding service to the IEEE through effective leadership as the Vice-Chair of the Karachi Section for year 2011-2012

**Mr. Hanan Daudpota:** - For outstanding support to student activities as SSR 2014 of the Karachi Section.

**Engr. Ahsan Saeed:** - For outstanding contributions and effective leadership to IEEE Academic Pakistan and Young Professionals IEEE Karachi Section.

**Dr. Aslam Uqaili:** - For significant contributions to the students and professional activities of IEEE Karachi Section.



**Mr. Rabeet Sagri:** - For outstanding support to IEEE Karachi Section as Chair of Young Professionals Karachi Group.

**Engr. Murtaza Hanif:** - For his all-time support and dedication to IEEE Karachi Section Young Professionals and printing works.

## **C.2 Relationship with National Societies**

IEEE Karachi Section has link with Pakistan Science Club which is a national society and takes help and support in every TISP and SIGHT activity.

<https://www.facebook.com/pakscienceclub>

<http://www.paksc.org/>

## **C3. Collaboration with other IEEE Sections**

### **Support extended to neighboring Sections:-**

IEEE Karachi Section arranged a partial travel grant campaign and selected 18 students and 6 YP members to be funded to participate at IEEE PSYPC'14 In September, 2014 organized by IEEE Lahore Section, Pakistan.

### **Joint activities with any other Section**

There hasn't been a specific activity with Joint- Section, but Karachi Section participated in other Section activities for year 2014.

1. IEEE Lahore Section's as host for Pakistan Student and YP Congress.
2. IEEE UAE Section as host for TISP Workshop.

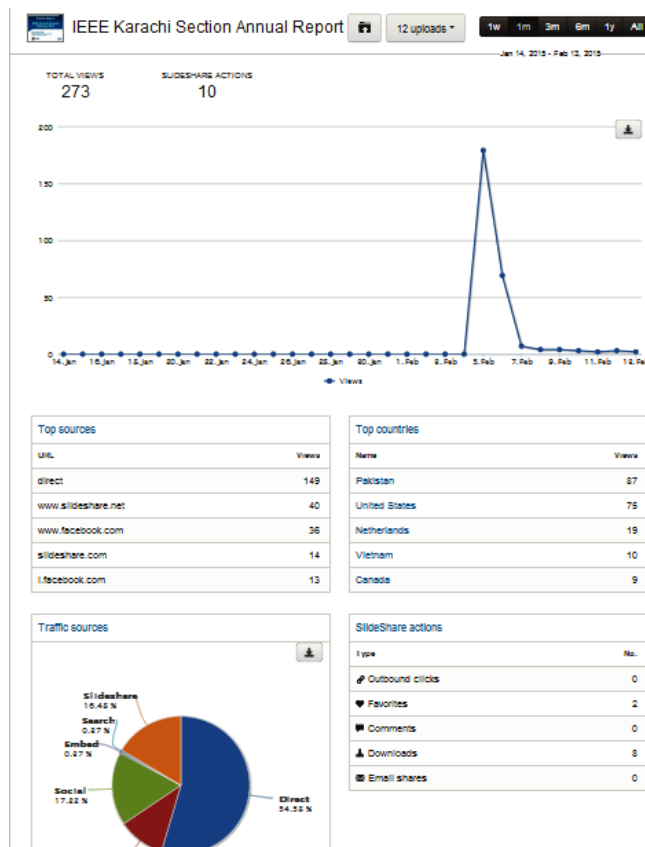
## **C.4 Support extended to Sub-sections & Society Chapters within the Section**

1. IEEE Karachi Section provided funding support to IEEE COMSOC Karachi Chapter event IEEE Explosion to celebrate IEEE Day at Mehran University, Jamshoro on 1<sup>st</sup> October, 2014.
2. Currently IEEE Karachi Section is helping and assisting to develop IEEE Jamshoro Sub-Section under IEEE Karachi Section, the petition is underway and to be sent by end of February, 2015.

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

Some of the best practices that IEEE Karachi Section practiced and feel it should be Implemented by other sections too are following:

1. Along with making newsletters, it is far much better making slides on slideshare.net as it is more colorful, it covers more aspects, it in on internet so its reach is much higher than traditional newsletter, and the biggest advantage of it is you can track its demographics and reach. It can even tell you how many people have opened it, viewed it, downloaded it and from which country were maximum people reached.



2. Getting National Radio stations as Media Partner was among the best practices; we signed a MoU with them for 4-6 months on trial period to see if this partnership can work well. Radio is fastest medium of communication and some of Karachi Section activities were covered and broadcasted on radio, gave me good impression and increased impact of Karachi Section activities.

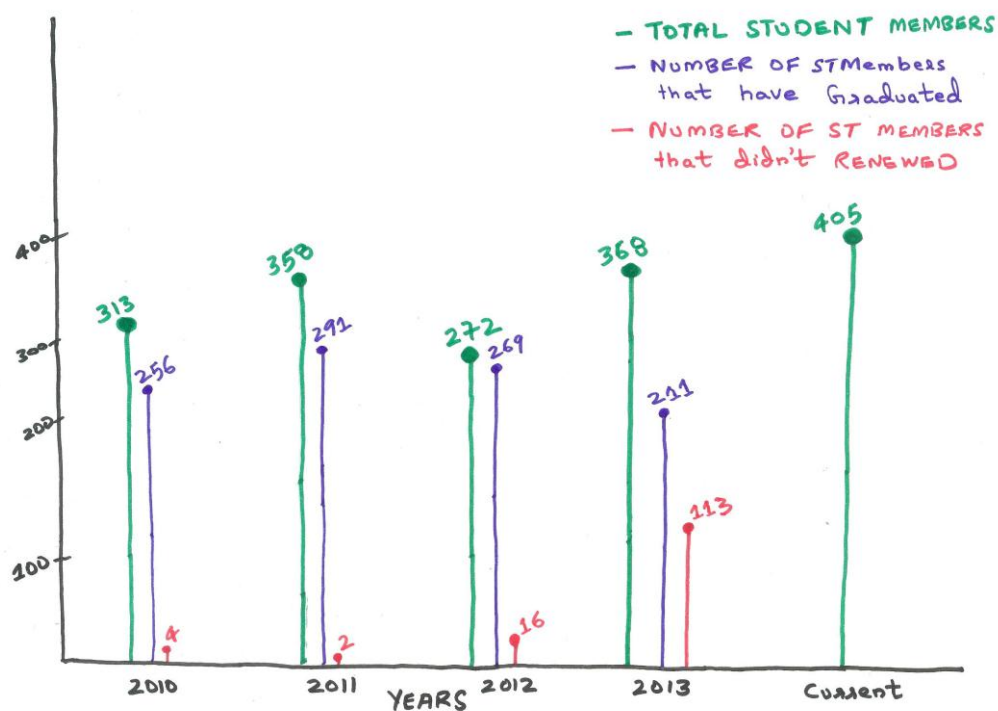
## C.6 Problems anticipated and suggestions for solutions, if any

Yes, there is a major problem not even at IEEE Karachi Section but generally in many parts of the world. Below is the “**Membership Not-retention Chart for Student Members**”.

As IEEE focuses more on student membership and their development, it has been seen that there are two cases where students stop renewing their memberships:

1. If they join IEEE at their first year, they do not renew when they get into second year, as first year students are not so sure how they can use IEEE, they are new to research and all domains that IEEE works on, they get less chances to volunteer even, so they don't renew.
2. When a student is in his last year and graduates, he don't renew after his graduation in his fresh-graduation days, as per IEEE not specifically help him in finding his job. Usually graduates prefer jobs rather than going for studies.

If you see in the above chart, blue ones are those which graduate and not renew at Karachi Section. Red one are those which are newly joined IEEE members, somehow we were able to gather more 1<sup>st</sup> year students but they never got any specific benefit out of it.



### Suggestions:

1. More volunteering opportunities for first year students, so that they can be part and responsible for anything. Even working experience certificates are enough for first year students to get motivation and move ahead.
2. A job or internship local portal or group should be formed which help them locally to get proper jobs and placements at companies.

## PART D - GOALS AND PLANS

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

On 21<sup>st</sup> February, 2015- IEEE Karachi Section SAC team shall be organizing its first ever Volunteer Leadership and Training Workshop at NED University. The purpose of this event is our SAC Team often guide and tell Student Branch Officers for tools and links to get benefit of, but still it isn't that much effective. In this event, Organizing team would be giving workshops and sessions on following topics:

1. Student Branch and Volunteer Resources
2. Public Visibility Tools
3. Event Management
4. Membership Development Practices
5. Awards and Competitions
6. Hands on workshop on Vtools and other

[https://www.facebook.com/events/333245010219830/?ref\\_newsfeed\\_story\\_type=regular](https://www.facebook.com/events/333245010219830/?ref_newsfeed_story_type=regular)

## **D.2 Goals and Future Plans**

IEEE Karachi Section aims to build and develop Humanitarian and Community developing spirit in its Members, specifically student and Young Professionals. Since last two years, Karachi Section has initiated activities like:

1. Community Engagement Workshop on IEEE SIGHT platform and funding
2. TISP Workshop on IEEE TISP platform and funding
3. EPICS Project – first ever in Pakistan
4. Engineering your Health- A discussion panel with doctors and engineers

Future activities revolve around these objectives to be achieved:

1. Humanitarian Empowerment
2. More Pro-active and impactful student branch officers
3. Community developing projects

In order to fulfill those objectives, IEEE Karachi Section is planning activities for future as:

1. IEEE Volunteer Leadership and Training Workshop on 21<sup>st</sup> Feb,2015
2. Community Engagement Workshop 2015 in April, 2015
3. SIGHT Boot Camp in May,2015
4. Engineering your Health 2015 in August, 2015
5. Karachi Section Student Congress 2015 in November,2015

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

Like Member-Get-Member program, there should be points based on each IEEE members contribution to IEEE local section or at regional level, based on which his/her renewal costs should be paid. The points should carry some monetary benefits. Currently, IEEE is more focused towards attracting new members and less towards membership retention.