Annual Report for year 2015
Nomination: IEEE Best Section Award Middle Category
IEEE Karachi Section Report

PART A - SECTION SUMMARY

A.1 Executive Summary

Section Executive Committee Member List for 2015

1. Engr. Parkash Lohana, Chair 2015, IEEE Karachi Section – Usman Institute of Technology - parkash@ieee.org
2. Dr. Shahab Siddiqui, Vice Chair and TISP Coordinator for Section 2015, Hamdard University - shahab.siddiqui@ieee.org
3. Engr. Sarang Shaikh, Secretary and Treasurer for Karachi Section 2015 - sarangshayk@gmail.com
4. Dr. BS Chowdhary, COMSOC Karachi Chapter Chair IEEE Karachi Section 2015, Mehran University - c.bhawani@ieee.org
5. Engr. Tahir Saleem, Industry Liaison Coordinator, United Engineering Services - tahirsaleem6@gmail.com
6. Engr. Ahsan Saeed – Membership Development Chair for 2015 - ahsansaeed0@gmail.com
7. Engr. Murtaza Hanif – SAC Chair for 2015 - murtaza hanif@ieee.org
8. Engr. Rabeet Sagri – Young Professionals Karachi Chapter Chair – rabeet.sagri@ieee.org
9. Dr. Asim Rehman, Awards Committee Chair for 2015 - asim.rehman@nu.edu.pk
10. Dr. Abdul Rehman Abbasi, Professional Activities Committee Chair 2015 – gurman2000@gmail.com
11. Dr. Zubair Shaikh, Computer Society Karachi Chapter Chair for 2015 - zubair.shaikh@nu.edu.pk
12. Engr. Junaid Qureshi, Power Energy Society Karachi Chapter Interim Chair – jaqned@gmail.com
13. Dr. Mohammad Shahid Shaikh – Habib University - shahid.shaikh@huf.org.pk
14. Prof. Ashab Mirza IIEE University - ashab.mirza@hotmail.com
15. Dr. Vali Uddin Director Hamdard University - vali.uddin@hamdard.edu.pk
16. Engr. Sheikh Imran ul Haque -
17. Dr. Haroon Rashid – Bahria University - haroon.rasheed@bimcs.edu.pk
18. Engr. Naushad Ahmed Siddiqi – naushad.siddiqi.pk@ieee.org
19. Mr. Salman Noorie SSR for 2015 - salmannoorie@gmail.com
Section Highlights

- **Major Events:**
  - Karachi Section SYP Congress 2015, ICICT 15, Volunteer’s Training Workshop, TISP Workshop and IEEE Day ’15
- **Technical Professional Activities:** (Last year, only 2)
  - 8 Technical Seminars (April- November, 2015)
- **Student Accelerated Activities**
  - TISP Workshop (IBA Sukkur), Biggest IEEE Day (Mehran UET Jamshoro) and Mentoring Session at DHA Suffa University.
- **Member Individual Experiences**
  - Volunteers participated in events/trainings at Sri Lanka, Portugal and USA.

Technical Achievements:

- **EPICS Project:** First ever EPICS project at Pakistan by Hamdard University, bragged 3,000 USD.
- **TISP Workshop:** 3rd TISP Workshop and 1st for 2015 was held at IBA Sukkur SB, funded by IEEE R10 EAB.
- **SIGHT Project:** A humanitarian project by IBA Sukkur has been selected to grant 500 USD seed funds in AYEHUM 2015.
- **VOLT Program:** The program started in 2013, in three years straight volunteers from Karachi Section has been selected i.e. Hassan Idrees (2013 Fellow) and Sarang Shaikh (2014 fellow) and Murtaza Hanif and Dr. Shahab Siddiqui (2015 fellows)
- **GHTC 13-15:** Global Humanitarian Technology Conference, where I straight three years, three volunteers from Karachi Section has been funded and participated i.e. Hassan Idrees (13 at San Jose, US and 15 at Seattle, US), Ravendar Lal(14 and 15 at Seattle, US) and Sarang Shaikh(15 at Seattle, US)

Other Achievements:

- **YP Webinars:** 6 Online Webinars featuring speakers from Qualcomm, Ericson, Connect Cloud etc. by IEEE YP Karachi Chapter. (Last year, only 2 webinars)
- **IEEE Academic F2F Meeting:** Mr. Ahsan Saeed, IEEE Academic Pakistan representative has been funded a trip to Portugal to attend committee F2F meeting.
- **IEEE VOLT F2F Meeting:** Mr. Samang Shaikh, IEEE VOLT Ad-hoc committee member has been funded a trip to Texas, US to attend committee F2F meeting.
- **IEEE EMR Publications:** Mr. Parakash Lohana successfully published articles contributed under IEEE TEMS to EMR journal edition July and September 15.
- **WIE Leadership Summit 15:** Mr. Amaad Soomro, a senior student from ISRA University participated and dedicated his graphic designing skills for the congress which was held at Chennai, India in September, 2015. He was widely appreciated and given full sponsorship to attend event.
IEEE PES Meeting: Mr. Junaid Qureshi, PES Interim Chair for Karachi Section was invited to attend PES general meeting at Thailand.

Major Events (International, National)

The major events for Karachi Section both international and national are as following:

1. **ICICT 15 by IEEE Computer Society Karachi Chapter**
   Institute of Business Administration (IBA) in partnership with Computer Society Karachi Section hosted its annual International Conference on Information and Communication Technologies (ICICT) on 12th and 13th December, 2015. 50 technical research papers were presented from more than two dozen international universities hailing from 8+ countries. It received more than 200 research papers and selected 50 best papers out of them.

2. **Karachi Section SYP Congress 2015**
   The 4th ever Karachi Section Congress happened on 19th December, 2015. The congress was not only the fourth edition for the series but also one of the events by Karachi Section to have larger and diversified audience. It was 19th December, 2015 when Karachi Section outran all its preceding events to have almost 250+ people in KSYWC (short for Karachi Section Student Young Professional and WIE Congress) consisting of students, young professionals and senior members gathered in a single day to work out on learning and inspiration towards IEEE.

   A discussion panel on “Industry demands for graduating students” which hosted a panel including MD and CEO of Pakistan State Oil (PSO), HR Manager for Wavetec, . Moreover a discussion panel on “Why should we volunteer for IEEE after undergrad” was also held which consisted of some international IEEE volunteers as: Mr. Subodha Charles- past-SSR for Sri Lanka Section, Mr. Kavinga Upul- past-Young Professional Chair for Sri Lanka Section, Ms. Aisha Yousuf- an IEEE Region -1 (USA) volunteer, Ms. Mehwish Zahoor- RSR for 15-16 and Dr. Shahab Siddiqui- Vice Chair for Karachi Section.

   Ms. Mehwish Zahoor along with SAC Chair, Mr. Murtaza Hanif did SAC meetings which included student branch chairs & officers and student branch counselors. The meeting listened presentation based on activities and queries from student branch officers regarding IEEE.

3. **IEEE DAY 2015- One of the largest celebrated IEEE Day in 2015**
   Mehran University IEEE student chapter in collaboration with IEEE Karachi section celebrated “IEEE Day” on 7th October 2015 in MUET’s Main Auditorium from 09:00am to 05:00pm.

   The IEEE Day event comprised of several technical and non-technical competitions enough to accommodate students carrying diversified interests. Students showed a
splendid response towards the event as the team earmarked 40 volunteers, 500+ participants.
The IEEE Day event encrusted following segments:
1) Cake cutting ceremony 2) My Vision of MUET (Poster Competition) 3) Techno-Mania (Project Competition) 4) Scientific Appearance (Technical Presentation). Organized by IMS (Instrumentation and Measurement Society) IEEE. 5) IQ-Knockout (Mind Quiz) 6) Playing Geeks (Gaming Competition) 7) Acting Souls (Skit Competition) 8) Videography Competition 9) Speaking Session 10) Stalls

For more details: http://www.muet.edu.pk/news/immuet15-ieee-day

Major Chapter Activities

COMSOC Karachi Chapter:

1. IMTIC 15 by IEEE COMSOC Karachi Chapter
Mehran University of Engineering & Technology (MUET), organized 4th International Multi Topic Conference (IMTIC '15) on 11th-13th Feb, 2015 with the support of Higher Education Commission (HEC), Islamabad, Technical support of IEEE COMSOC Karachi Chapter, European Union Erasmus Mundus INTACT and LEADERS, Centre for Telecommunication Infrastructure (CTIF), Alborg University, Denmark, and University of Umm Al- Qura, Makkah, Saudi Arabia.

IMTIC has achieved many milestones, as such participation of more than 2000 attendees, more than 200 authors from 52 countries, more than 80 technical sessions, more than 60 keynote and guest speakers from USA, Germany, UK, Ireland, Denmark, Malaysia, China, Japan, Italy, Qatar, UAE, KSA, France, Korea and Sweden, more than 20 PhD Symposiums, 80 poster sessions, and 16 Tutorials on advanced emerging topics has definitely created a history. Moreover, all its proceedings have been published by Springer Verlag Germany in its indexed CCIS series.

For more details: http://imtic.muet.edu.pk/

2. World Telecommunication and Information Day 2015 by IEEE COMSOC Karachi Chapter

This year (2015) the event in MUET is celebrated on a very much larger scale as per ITU 150th celebration theme “Telecommunications and ICTs: drivers of innovation”. World Telecommunication & Information Society Day 2015 was organized by IEEE COMSOC Karachi Chapter and the Department of Telecommunication Engineering MUET Jamshoro Sindh Pakistan on 17th May 2015 in Campus World Telecommunication & Information Society Day WTISD is an annual event of ITU (International Telecommunication Unit) is celebrated every year on 17th of May with collaboration of ITU and IEEE COMSOC Karachi Chapter in Department of Telecommunication Engineering of Mehran University of Engineering & technology
Newly established PES Karachi Chapter:

1. IEEE PES Karachi Chapter Inaugural Ceremony

On 9th September, 2015 an Inauguration of IEEE PES Karachi Section took place at NED University of Engineering & Technology, a globally renowned institution in the field of engineering.

The ceremony was graced by the presence of Mr. Parkash Lohana -Chairman IEEE-Karachi Section, Mr. Muhammad Ali Memon -Chairman Electrical Department, NEDUET and Mr. Junaid Ahmed Qureshi Branch Coordinator IEEE-PES, NEDUET and Chairman IEEE-PES –karachi Section.

Mr. Junaid Ahmed Qureshi, the Chairman of IEEE-PES KARACHI SECTION, made a point to work on humanitarian driven advancements. He thanked the esteemed guests and guided everyone to join and contribute through IEEE Karachi Chapter for the development of their own personalities as well as the societies.

Computer Society Karachi Chapter:

ICICT 15 by IEEE Computer Society Karachi Chapter

Institute of Business Administration (IBA) in partnership with Computer Society Karachi Section hosted its annual International Conference on Information and Communication Technologies (ICICT) on 12th and 13th December, 2015. 50 technical research papers were presented from more than two dozen international universities hailing from 8+ countries. It received more than 200 research papers and selected 50 best papers out of them.

For more details: http://icict.iba.edu.pk/

Major Student and Affinity Group Activities

1. TISP Workshop: IEEE Karachi Section with previously organized two TISP workshops organized with the help of IEEE IBA Sukkur SB its third TISP Workshop at Sukkur city. Around 35 school teachers with almost 120+ audiences were recorded in the event.

2. VOLT Karachi- Volunteer Leadership Training Workshop- Inspired by IEEE VOLT program, SAC and YP Karachi team organized first ever VOLT workshop for student branch officers and workers to empower and aware them more about
IEEE initiatives and required formal processes. It was organized jointly with IEEE NED SB on 21 February, 2015.

3. **YP Webinars:** IEEE Young Professionals Karachi have initiated an idea of holding series of online sessions in which you will get the opportunity to listen & interact with one of the best professionals across the globe from recognized organizations

**Awards**

<table>
<thead>
<tr>
<th>Humanitarian and Pre-School Activity Funds Approved</th>
<th>EPICS by IEEE Hamdard University SB, project approved 3,000 USD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TISP Workshop by IBA Sukkur University SB, funds approved 400 USD from IEEE R10 EAB.</td>
</tr>
<tr>
<td></td>
<td>SIGHT Project approved, seed grants 1000 USD for two separate projects</td>
</tr>
<tr>
<td><strong>Publications</strong></td>
<td>ISRA University SB</td>
</tr>
<tr>
<td></td>
<td>NED in Region10 Newsletter</td>
</tr>
<tr>
<td></td>
<td>Hamdard University in IEEE Institute</td>
</tr>
<tr>
<td></td>
<td>Fast University in IEEE SIGHT Newsletter</td>
</tr>
<tr>
<td><strong>IEEE Pakistan SYP Congress 2015 Annual Awards</strong></td>
<td>IEEE Karachi Section volunteer Mr. Hanan Daudpota won the “Most valuable student volunteer award 2015” and Mr. Ahsan Qamer &amp; Mr. Akmal were two winners among 5 for “Student Branch Leadership Award 2015” at IEEE Pakistan SYW Congress 2015 at Comsats, Islamabad</td>
</tr>
<tr>
<td><strong>IEEE VOLT Program 2015</strong></td>
<td>Selected: Dr. Shahab Siddiqui, Vice Chair 2015 and Mr. Murtaza Hanif, SAC Chair 2015</td>
</tr>
</tbody>
</table>

**A.2 Financial Report**

**Summary (as per submitted L50)**

**Financial Report 2015**

Main Points for 2015

**Details of amount raised in 2015:**

Around 8058 USD amount has

1000 USD - 2 SIGHT Projects

1000 USD- Bahria University INMIC

250- SIGHT Yearly reporting rebate

475 USD- Young Professionals from R10

738 USD- SB Rebate

4,595 USD- 2014 Rebate amount
been raised as follows:

**Amount in asset for 2016:**
An amount of 151,000 PKR and 1000 USD is an asset amount to be received by Karachi Section in 2016.

- **12,800 USD** spent on total activities
- **8,058 USD** raised from various IEEE resources
- **14,160 USD** - Closing Balance in Karachi Section's Custody account
- **90,000 PKR** - PSO KSYWC Sponsorship
- **1000 USD** - IBA Karachi for Conference
- **61,000 PKR** - Wavetec and Jubilee Corp for KSYWC Sponsorship

**A breakdown of expenses into percentages for different categories:-**
Rest 9% is spent on AGM 14, social gatherings and excom & sac meetings.

- **11.5%** • 1,471 USD were spent on 8 technical seminars
- **17.8%** • 2,214 USD were spent on university student activities
- **19.8%** • 2,525 USD were spent on trainings and congress/conferences.
- **20.7%** • 2,650 USD were spent on different student projects.
- **21.2%** • 2,706 USD were spent on members for making local and international participations in events.
Any other financial activities:-

IEEE Karachi Section signed an MOU of partnership with Institute of Business Administration Karachi’s Computer Science department for jointly organizing a conference, where the IBA as per MOU shall pay 1000 USD as for their support in managing, getting IEEE Xplore access and advice. The amount shall be deposited directly to IEEE Karachi Section custody account.

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

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

<table>
<thead>
<tr>
<th>Members Category</th>
<th>Membership As on</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>31-Dec-12</td>
</tr>
<tr>
<td>Senior Life Members</td>
<td></td>
</tr>
<tr>
<td>31-Dec-12</td>
<td>0</td>
</tr>
<tr>
<td>Senior Members</td>
<td></td>
</tr>
<tr>
<td>31-Dec-12</td>
<td>9</td>
</tr>
<tr>
<td>Members</td>
<td></td>
</tr>
<tr>
<td>31-Dec-12</td>
<td>179</td>
</tr>
<tr>
<td>Graduate Student Members</td>
<td></td>
</tr>
<tr>
<td>31-Dec-12</td>
<td>22</td>
</tr>
<tr>
<td>Associate Members</td>
<td></td>
</tr>
<tr>
<td>31-Dec-12</td>
<td>12</td>
</tr>
<tr>
<td>Student Members</td>
<td></td>
</tr>
<tr>
<td>31-Dec-12</td>
<td>272</td>
</tr>
<tr>
<td>Total</td>
<td></td>
</tr>
<tr>
<td>31-Dec-12</td>
<td>494</td>
</tr>
<tr>
<td>Annual Increase (%)</td>
<td></td>
</tr>
<tr>
<td>31-Dec-12</td>
<td>-15%</td>
</tr>
<tr>
<td>Total Student Members</td>
<td></td>
</tr>
<tr>
<td>31-Dec-12</td>
<td>272</td>
</tr>
<tr>
<td>Growth Rate for Students</td>
<td></td>
</tr>
<tr>
<td>31-Dec-12</td>
<td>-24%</td>
</tr>
<tr>
<td>Students as % of total members</td>
<td></td>
</tr>
<tr>
<td>31-Dec-12</td>
<td>55%</td>
</tr>
</tbody>
</table>

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

Over all in year 2015, 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 below:

<table>
<thead>
<tr>
<th>S No</th>
<th>Student Branch Name</th>
<th>Ex-com Member Name</th>
<th>Designation at IEEE KHI SEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>IEEE PAF KIET</td>
<td>Murtaza Hanif</td>
<td>SAC Chair</td>
</tr>
<tr>
<td>2.</td>
<td>IEEE IBA Sukkur</td>
<td>Dr. Shahab Siddiqui</td>
<td>Vice Chair 2015, SAC Chair 15-16</td>
</tr>
<tr>
<td>3.</td>
<td>IEEE IIIE SB</td>
<td>Mr. Ahsan Qamer</td>
<td>SSR 2016</td>
</tr>
<tr>
<td>4.</td>
<td>IEEE Indus SB</td>
<td>Murtaza Hanif</td>
<td>SAC Chair</td>
</tr>
<tr>
<td>5.</td>
<td>IEEE Bahria University</td>
<td>Salman Noorie</td>
<td>SSR 2015</td>
</tr>
</tbody>
</table>

B.2 Chapter Activities

Total number of Chapters in the Section

There are three chapters at Section level and around two dozen from various societies in different SB in Karachi Section as following:
1. COMSOC Karachi Chapter
2. Computer Society Karachi Chapter
3. Power Energy Society Karachi Chapter

Number of Chapters formed in the current year

IEEE PES Karachi Chapter
IEEE PES NED SB Chapter
IEEE EMBS MUET SB Chapter
WIE Affinity group MUET

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

All three sectional level chapters are active.

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

<table>
<thead>
<tr>
<th>S No</th>
<th>Professional Society Name</th>
<th>Event Name</th>
<th>Nature of event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>IEEE Computer Society Karachi Chapter</td>
<td>ICICT 15</td>
<td>International Conference</td>
</tr>
<tr>
<td>2.</td>
<td>IEEE COMSOC Karachi Chapter</td>
<td>IMTIC 15</td>
<td>International Conference</td>
</tr>
<tr>
<td>4.</td>
<td>IEEE PES Karachi Chapter</td>
<td>IEEE PES Karachi Chapter Inaugural Ceremony</td>
<td>Inauguration Ceremony</td>
</tr>
</tbody>
</table>
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:-

IEEE Karachi Section organized 8 monthly technical seminars for Industry professionals, where the speakers were from Industry speaking on various on-going current issues. A summary of achievements is given in below chart, as well as separate detail about every seminar is also given followed:

For more details, please visit the following links:

http://sites.ieee.org/karachi/technical-seminar-series-for-2015/

<table>
<thead>
<tr>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Technical Seminar by IEEE Karachi Section</td>
<td>First Technical Seminar was given by Engr. Tahir Saleem on &quot;Electrical Safety and Requirements&quot; on 23rd April, 2015. The seminar was organized for industry people.</td>
</tr>
<tr>
<td>Guest Attendance</td>
<td>45</td>
</tr>
<tr>
<td>IEEE Member Attendance</td>
<td>18</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Second Technical Seminar by IEEE Karachi Section</td>
<td>Second Technical Seminar was given by Engr. Dr. Abdul Rehman Abassi on &quot;Human error prevention and safety measures at work&quot; on 21st May, 2015. The seminar was organized for industry people.</td>
</tr>
<tr>
<td>Guest Attendance</td>
<td>28</td>
</tr>
<tr>
<td>IEEE Member Attendance</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Third Technical Seminar by IEEE Karachi Section</td>
<td>Third Technical Seminar was given by Engr. Tahir Saleem on 16 June, 2015 on &quot;Electrical safety and requirement- Part 2&quot;. The seminar was organized for industry people.</td>
</tr>
<tr>
<td>Guest Attendance</td>
<td>32</td>
</tr>
<tr>
<td>IEEE Member Attendance</td>
<td>10</td>
</tr>
<tr>
<td>Title</td>
<td>Fourth Technical Seminar by IEEE Karachi Section</td>
</tr>
<tr>
<td>--------------------------------------</td>
<td>------------------------------------------------</td>
</tr>
<tr>
<td>Description</td>
<td>Fourth Technical Seminar was given by Engr. Aslam Mirza on 30 July, 2015 on “Value proposition for project management in engineering projects”. The seminar was organized for industry people.</td>
</tr>
<tr>
<td>Guest Attendance</td>
<td>30</td>
</tr>
<tr>
<td>IEEE Member Attendance</td>
<td>8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>Fifth Technical Seminar by IEEE Karachi Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Fifth Technical Seminar was given by Engr. Tahir Saleem and Engr. Ahsan Mirza on 27th August, 2015 on “Electrical safety and requirements -Part 3 Arc Flash Analysis”. The seminar was organized for industry people.</td>
</tr>
<tr>
<td>Guest Attendance</td>
<td>34</td>
</tr>
<tr>
<td>IEEE Member Attendance</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>Sixth Technical Seminar by IEEE Karachi Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Sixth Technical Seminar was given by Engr. Tahir Saleem and Engr. Syed Muhammad Zaidi on 30th, September 2015 on “Electrical safety and requirements -Grounding 1”. The seminar was organized for industry people.</td>
</tr>
<tr>
<td>Guest Attendance</td>
<td>30</td>
</tr>
<tr>
<td>IEEE Member Attendance</td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>Seventh Technical Seminar by IEEE Karachi Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Seventh Technical Seminar was given by Engr. Tahir Saleem on 28th October, 2015 on “Electrical safety and requirements -Part 4 Grounding 2”. The seminar was organized for industry people.</td>
</tr>
<tr>
<td>Guest Attendance</td>
<td>34</td>
</tr>
<tr>
<td>IEEE Member Attendance</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>Eighth Technical Seminar by IEEE Karachi Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Eighth Technical Seminar was given by Engr. Masood Ansari on 26th November, 2015 on &quot;Concept of PID and Automation applicable in Industry&quot;. The seminar was organized for industry people.</td>
</tr>
<tr>
<td>Guest Attendance</td>
<td>40</td>
</tr>
<tr>
<td>IEEE Member Attendance</td>
<td>8</td>
</tr>
</tbody>
</table>
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 2015 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 24 IEEE Student Branches from which 14 are active, around 6 are dormant and 4 are dead SB & in this year 2015 there was 1 new IEEE Student Branch have been introduced at IEEE Karachi Section. The SB newly established was DHA Suffa University, Karachi.

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

- Karachi Section SYP Congress 2015 was a section level event for students of Karachi Section
- Procom’15 by IEEE NUCES SB was a Section Level Inter University Student Competition

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

There are 14 student branches out of 24 who have attended all 3 SAC meetings for year 2015 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.

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of Student Branches</th>
<th>No of Activities in 2015</th>
<th>Brief Overview of Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>IEEE MUCET SB</td>
<td>9</td>
<td>They have arranged 1 Section level competition, 4 Seminars and 4 workshops.</td>
</tr>
<tr>
<td>2.</td>
<td>IEEE Indus SB</td>
<td>8</td>
<td>Indus SB have arrange 3 outdoor activity , 3 seminars 2 workshops</td>
</tr>
<tr>
<td>3.</td>
<td>IEEE ISRA SB</td>
<td>5</td>
<td>Isra SB arranged 3 seminars, 1 game competition, 1 Section level event</td>
</tr>
<tr>
<td>4.</td>
<td>IEEE UIT SB</td>
<td>4</td>
<td>They have arranged 1 Conference &amp; 3 seminars.</td>
</tr>
<tr>
<td>5.</td>
<td>IEEE KU SB</td>
<td>10</td>
<td>Uok SB has arranged 2 events &amp; 3 mega activities, beside they have</td>
</tr>
</tbody>
</table>
seminars & workshops 3 to 3 in a month.

6. IEEE PNEC SB 2 Introduction and a Seminar

7. IEEE NUCES SB 10 Its include 1 workshop , 1 national level competition ,4 seminars , IEEE day & membership drives

8. IEEE PAF-KIET SB 2 IEEE day & membership drives, Seminars & workshop

9. IEEE NED SB 10 1 section level, 4 workshop, VOLT, 4 Seminars

10. IEEE MUET SB 7 2 national level competition ,4 seminars and 1 workshop

11. IEEE HIIT SB 10 IEEE day & membership drives, Seminars & workshop and TISP workshop.

12. IEEE IBA Sukkur SB 6 TISP Workshop, industry tour and other events

13. IEEE BUITEMS SB 11 Welcome week, intra univ competition etc.


| Total No Activities | 96 |

**B.5 Affinity Group Activities**

**Young Professional (YP):-**

IEEE Young Professionals Karachi Affinity Group

**Activities 2015**

<table>
<thead>
<tr>
<th>SNO</th>
<th>Month</th>
<th>Date</th>
<th>Venue</th>
<th>No. of Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>May</td>
<td>02-05-2015</td>
<td>FAST City Campus</td>
<td>10</td>
</tr>
<tr>
<td>02</td>
<td>June</td>
<td>27-06-2015</td>
<td>FAST City Campus</td>
<td>07</td>
</tr>
<tr>
<td>03</td>
<td>August</td>
<td>29-08-2015</td>
<td>FAST City Campus</td>
<td>10</td>
</tr>
<tr>
<td>04</td>
<td>October</td>
<td>10-10-2015</td>
<td>FAST City Campus</td>
<td>15</td>
</tr>
<tr>
<td>05</td>
<td>November</td>
<td>28-11-2015</td>
<td>FAST City Campus</td>
<td>08</td>
</tr>
<tr>
<td>06</td>
<td>December</td>
<td>12-12-2015</td>
<td>FAST City Campus</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Total (6)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

IEEE YP Karachi Monthly Meetings
IEEE Webinars
IEEE Young Professionals Karachi have initiated an idea of holding series of online sessions in which you will get the opportunity to listen & interact with one of the best professionals across the globe from recognize organizations.

The purpose of the session would be to share their experiences with young and energetic graduates who wish to pursue such careers in future. The session would enable to get insight how about that profession and that particular career path. The webinar would be followed by a Q/A session.

For reviewing webinar recordings and complete details, please visit this link: http://sites.ieee.org/karachi/yp/webinars/

<table>
<thead>
<tr>
<th>SNO</th>
<th>Month</th>
<th>Date</th>
<th>Speaker</th>
<th>No. of Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>May</td>
<td>30th May 2015</td>
<td>Ahmed Abir from CISCO, US</td>
<td>80+</td>
</tr>
<tr>
<td>02</td>
<td>August</td>
<td>1st August 2015</td>
<td>Zeeshan Sabir from Qualcomm, US</td>
<td>110</td>
</tr>
<tr>
<td>03</td>
<td>August</td>
<td>29th August, 2015</td>
<td>Zeeshan Naseh, Connect Cloud, US</td>
<td>70</td>
</tr>
<tr>
<td>04</td>
<td>Septemb er</td>
<td>19th September, 2015</td>
<td>Adnan Bukhari, Sr. Technical Architect / Manager at First American Title based off Orange County, California USA</td>
<td>50</td>
</tr>
<tr>
<td>05</td>
<td>October</td>
<td>31st October, 2015</td>
<td>Zia-Ud din Shaikh, Project Manager at Ericson US</td>
<td>90</td>
</tr>
</tbody>
</table>

Workshop by Young Professionals:

Workshop Title: Web Development and Web Hosting via Cloud
Trainers: Hassam Mughal and Areeb Moin
Date: Wednesday, May 20, 2015
Number of Participants: 80 Students
Venue: Hamdard Institute of Information Technology, Main Campus, Karachi.

Workshop Title: Differential Protection of Power Transformer
Trainers: Ghulam Ali Tunio and Nadeem Ahmed
Date: Wednesday, August 12, 2015
Number of Participants: 100 Students
Venue: Mehran University of Engineering and Technology SZAB Campus, Khairpur Mirs-Pakistan.
Main Campus, Karachi.

For more details on IEEE Young Professionals Karachi activities, please visit the following link: http://sites.ieee.org/karachi/yp/
Women in Engineering (WIE):-

IEEE Karachi Section do not have WIE Affinity Group but one of its SB established newly founded WIE AG at MUET. Women in Engineering (WIE) to learn leadership, team work and innovation: Volunteering MUET IEEE WIE Affinity Group conducted Workathon 7.0 IEEE at SOS village Jamshoro.


Life Member:-

IEEE Karachi Section has only one life member at the moment, so no activity was organized in 2015.

B.6 Awards & Recognition Activities

Award constituted by the Section:-

IEEE Karachi Section Student Branches and Volunteer Awards 2015 which were given at AGM 2015 on 21st Jan, 2016.

Winners:
1. **Best Student Branch of the Year Award**- BUITEMS Quetta, IEEE SB
2. **Best Student Branch Counselor Award**- Mr. Asif Khan from IEEE IBA Sukkur SB
3. **Best Student Branch Chair Award**- Mr. Khwaja Nabeel from NED SB.
4. **Best Student Branch Initiative Award**- Hamdard University.
5. **Best Student Volunteer Award**- Mr. Amaad Soomro from ISRA University SB
6. **Special Mention**- Mr. Ahsan Qamer and his editorial team for publishing Karachi Section newsletter.

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 TISP Workshop by EAB.

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

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

IEEE Karachi Section released its annual 2015 newsletter in June, 2015 whereas the call for articles has been released and the latest one would be published in April, 2016.

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

We update our website and Facebook page with every minute little update or news.

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

https://www.facebook.com/IEEEKarachiSection

Other means of contacts with Section members:-

We usually host informal meet-up every month for students and young professionals to interact and ask questions.

B.8 Industry Relations

Activities for/with industrial members:-

IEEE Karachi Section PA Committee organized 8 technical seminars for industry professionals where audience as well as speaker was from Industry. Following is it summary in a chart.

B.9 Humanitarian Technology Activities

- EPICS by IEEE Hamdard University SB, project approved 3,000 USD
- TISP Workshop by Karachi Section, funds approved 400 USD by R10 EAB
- SIGHT Project selected at AIYEHUM 2015, seed grants 500 USD
- SIGHT Project by Karachi Section, seed grants of 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 events that IEEE Karachi Section organized was an “Appreciation Ceremony” in latest Annual General Meeting. In this ceremony around 8 certificates were given to individuals with proven contribution. Following were the names and citations that were posted on certificates of appreciation.

**Engr. Tahir Saleem**: - For outstanding dedication and planning to host eight-monthly technical seminars for industry professionals for year 2015.

**Engr. Junaid Qureshi**: - For establishing IEEE PES Chapter and its dedicated promotional work at Karachi Section.

**Engr. Parkash Lohana**: - For his outstanding and valuable working as Section Chair for two consecutive years 2014-2015.

**Engr. Muhammad Owais**: - For outstanding leadership and contributions to IEEE Hamdard SB for year 2015 to have maximum student members.

**Dr. Faisal Khan Kakkar**: - For outstanding leadership to revamp and build interest for IEEE among students and faculty members in BUITEMS, Quetta IEEE SB.

**Mr. Abdul Muhammad**: - For valuable support as sponsor in technical and student events for Karachi Section.

**Mr. Riaz ul Hasan**: - For continued support to promote and disseminate Karachi Section’s events news and updates as media person

**Dr. Hammad Kazi**: - For continued support to Karachi Section student and technical events throughout year 2015.

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 4 YP members to be funded to participate at IEEE PSYP’15 In October, 2015 organized by IEEE Islamabad Section, Pakistan.

Joint activities with any other Section

IEEE Karachi Section participated in Pakistan SYP Congress 2015 organized by Islamabad Section by partially sponsoring students and YP to travel to Islamabad city. Please find all the details by visiting this link: http://sites.ieee.org/karachi/karachi-section-participation-in psywc2015/

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

1. IEEE Karachi Section provided administrative support to IEEE Computer Society Karachi Chapter partnered conference ICICT with IBA Karachi.

2. IEEE Karachi assisted and supported IEEE PES Founding officers to establish a Section level chapter.

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:

Webinar series by Young Professionals group: It is so beneficial when students and YP get an extra piece of awareness, knowledge and learning of corporate world. Karachi Section YP Webinar series were much successful among students and YP, which is why it increased by 200% i.e. 5 comparing to only 2 in 2014.

Technical Seminar Series by PA Committee: Organizing a consisting monthly technical seminar series on current hot topic for industry professionals is a good practice to attract industry people to IEEE. Karachi Section increased the seminars by 400% i.e. 8 comparing to only 2 from 2014.

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

IEEE Karachi Section has anticipated some problems and with appropriate strategies from executive committee and from various trainings, it is going to be implemented this year and is suggested to other sections for performing.

New members Orientation: Usually new members are not much aware on how to get started with IEEE, what it can offer and how they can contribute by involving and engaging themselves into IEEE Section and its existing units, a new member orientation ceremony shall be hold to welcome new members within
Section once each year. Karachi Section shall hold its new members orientation ceremony in March, 2016.

PART D - GOALS AND PLANS

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

IEEE Karachi Section had a successful year in specially catering the needs of industry professionals, organizing conferences and training volunteers, however to raise the bar more higher, this year Karachi Section

1. Technical Seminars: 8 Technical seminars + 2 on-campus faculty development workshops.
2. Conferences: Pakistan SYW Congress, Pakistan Humanitarian Technology Conference and SCONEST.
3. Membership Development Goals: Achieve 1000 members
4. Trainings: Student volunteers leadership training and SB Counselors training
6. Education Activities Goals: 2 TISP Workshops
7. SB Society Goals: At-least 1 new SB, Active 3 dormant SB’s and 1 dead SB’s

D.2 Goals and Future Plans

Following are some of the goals and future plans to achieve by Karachi Section in year 2016 as follows:

2. Newsletters shall be initiated two times this year.
3. Creating project based learning approach among school teachers via TISP Workshops shall continue.
Section Executive Committee Member List for 2016:

IEEE Karachi Section as per IEEE Bylaws conducted an election campaign, where call for nomination was released by IEEE Election & Nomination committee and suitable actions were taken, whereby as per majority and mutual votes, following individuals have been elected with officer positions for 2016 as follows:

1. Dr. BS Chowdhary, Chair, IEEE Karachi Section 2016 - Mehran University - c.bhawani@ieee.org
2. Dr. Mohammad Shahid Shaikh, Vice Chair IEEE Karachi Section 2016 – Habib University- shahid.shaikh@huf.org.pk
3. Dr. Shahab Siddiqui, Secretary and TISP Coordinator for Section 2016- Hamdard University- shahab.siddiqui@ieee.org
4. Engr. Sarang Shaikh, Treasurer for Karachi Section 2016- sarangshayk@gmail.com
5. Engr. Parkash Lohana , Education Activities Committee Chair 2016 and Immediate Past Chair, IEEE Karachi Section – Usman Institute of Technology- parkash@ieee.org
6. Engr. Tahir Saleem, Industry Liaison Coordinator, United Engineering Services - tahirsaleem6@gmail.com
7. Engr. Ahsan Saeed – Membership Development Chair for 2016- ahsansaeed0@gmail.com
8. Engr. Murtaza Hanif – SAC Chair for 2016, murtaza.hanif@ieee.org
9. Engr. Rabeet Sagri – Young Professionals Karachi Chapter Chair – rabeet.sagri@ieee.org
10. Dr. Asim Rehman, Awards Committee Chair for 2016- asim.rehman@nu.edu.pk
11. Dr. Abdul Rehman Abbasi, Professional Activities Committee Chair 2016 – qurman2000@gmail.com
12. Dr. Faisal Karim Shaikh, COMSOC Karachi Chapter Chair for 2016, faisal.shaikh@faculty.muet.edu.pk
13. Dr. Zubair Shaikh, Computer Society Karachi Chapter Chair for 2016- zubair.shaikh@nu.edu.pk
14. Engr. Junaid Qureshi, Power Energy Society Karachi Chapter Interim Chair – jaqned@gmail.com
15. Prof. Ashab Mirza IEEE University- ashab.mirza@hotmail.com
16. Dr. Vali Uddin Director Hamdard University- vali.uddin@hamdard.edu.pk
17. Engr. Sheikh Imran ul Haque -
18. Dr. Haroon Rashid – Bahria University- haroon.rasheed@bimcs.edu.pk
20. Mr. Ahsan Qamer Shaikh, SSR for 2016- ahsangamer95@gmail.com
IEEE Karachi Section at Glance

- AGM 2015 Pictures  IEEE Day by various SB- Pictures
- TISP Workshop Pictures  Karachi Section SYP Congress 2015 Pictures