

IEEE Karachi Section (R00041) Report 2016

PART A - SECTION SUMMARY

A.1 Executive Summary

- **Section Executive Committee Member List**

Name	Designation/Company
Prof. Dr. B. S. Chowdhary	Section Chair
Prof. Dr. M Shahid Shaikh	Section Vice Chair / TISP Coordinator
Prof. Dr. M Shahab Siddiqui	Section Secretary/Conference Coordinator
Sarang Shaikh	Section Treasurer
Parkash Lohana	Past-Chair / SIGHT Coordinator
Dr. M Sadiq Ali Khan	Computer Chapter Chair
Dr. Faisal Karim Shaikh	Communication Chapter Chair
M. Rabeet Sagri	Young Professional Chair
Dr. Muhammad Ali Memon	PES Chapter Chair
Murtaza Hanif	Student Activities Committee Chair
Tahir Saleem	Industrial Linkage Coordinator
Ahsan Qamer Shaikh	Section Student Representative
Dr. Asim ur Rehman	Awards Committee Chair
Ashab Mirza	Election Committee Chair
Atif Fareed	Membership Development Chair
Dr. Valiuddin Abbas	Member
Shaikh Imranul Haque	Member
Saqib Munawwar	Member
Dr. Abdul Rehman Abbasi	Member

- Section Highlights

Administratively we held **07 Executive Committee Meetings, 02 Special Meetings, 01 Joint Sections Meeting and 01 Annual General Meeting (AGM 2015)**. Also, we held **02 Conferences (SCONEST 2016 and ICE-CUBE 2016), 04 Technical Seminars and 01 Student Congress (PSYWC 2016)**.

- Major Events (International, National)

Administrative Executive Committee Meetings, Special Meetings, Joint Sections Meeting and Annual General Meeting

Meeting Title	Meeting Date
Seventh 2016 IEEE Karachi Section ExCom Meeting	15-12-2016 11:30
Sixth 2016 IEEE Karachi Section ExCom Meeting	03-11-2016 17:00
Combine IEEE Sections Executive Committee Meeting of Lahore, Karachi and Islamabad 2016	01-10-2016 14:00
Fifth 2016 IEEE Karachi Section ExCom Meeting	18-08-2016 18:00
Special Meeting on the Formation of IEEE Karachi Section WIE AG Chapter	29-07-2016 19:00
Fourth 2016 IEEE Karachi Section ExCom Meeting	25-06-2016 18:00
Third 2016 IEEE Karachi Section ExCom Meeting	01-06-2016 18:00
Second 2016 IEEE Karachi Section ExCom Meeting	07-04-2016 15:00
First 2016 IEEE Karachi Section ExCom Meeting	27-02-2016 18:00
Special Meeting in the honor of Mr. Tahir Choudhary	24-01-2016 12:30
Annual General Meeting 2015	21-01-2016 18:00

Technical Seminars, Congress and Conferences

Event Title	Event Date
Seminar Electrical Fire Safety	12-01-2017 14:00
Sconest 2016 Student Conference on Engineering Sciences and Technology (2-days event)	(14-12-2016 9:00 15-12-2016 16:00)
IEEE PSYWC Congress at NUCES-Karachi (3-days event)	(29-09-2016 9:00 01-10-2016 18:00)
Seminar Electrical Energy Optimization Part III*	25-05-2016 17:00
Seminar Electrical Energy Optimization Part II	27-04-2016 17:00
ICE Cube 2016 Balochistan University of IT, Engineering and Management Sciences (BUIEMS), Quetta, Pakistan (2-days event)	(11-04-2016 9:00 12-04-2016 17:00)
Seminar Electrical Energy Optimization	24-03-2016 17:00

- Major Chapter Activities

IEEE Karachi Section Computer Society Chapter (C16)

Event Title	Event Date
4th Technical Seminar on Cyber Security, Mean Stack Development, Automotive Engineering and Education in Germany	23-12-2016 10:30
3rd Technical Seminar on "New Evolving Technologies and Industry Trends: Future Networking Careers"	20-12-2016 10:30
1-day Symposium on Recent Trends in Computer Science	03-11-2016 9:00
Technical Seminar on Technopreneurship	06-10-2016 11:00

PSYWC 2016 (September 29 – October 01)**IEEE Karachi Section Communication Society Chapter (COM19)**

Event Title	Event Date
Technical Seminar on "Scale free Networks"	23-12-2016 12:00
Technical Seminar titled "Advances on Integrated Photonics"	22-12-2016 10:00
Technical Seminar titled " Overview of SDN, NFVF,Fog and MEC "	20-12-2016 11:00
Data transfer using LiFi	01-10-2016 13:00
Workshop on RF Optimization & Planning	06-06-2016 10:00
World Telecommunication and Information Society Day	17-05-2016 12:00
Telenor Excel	05-04-2016 9:00
Workshop on Latex	19-03-2016 10:00
Programming Internet of Things using Arduino	15-03-2016 10:00
Lecture on RF Optimization and Planning	14-03-2016 12:00
NEST I/O Visit to Mehran UET	07-03-2016 9:00

IEEE Karachi Section PES Chapter (PE31)

Event Title	Event Date
Vision 2016	09-09-2016 10:00
SPARK III	07-09-2016 10:00
Seminar	17-03-2016 11:00
Introduction to Smart and Micro Grid	29-09-2016 14:00
IEEE Green Energy Project Showcase 2016 at NUCES-Karachi	25-04-2016 8:00

- Major Student and Affinity Group Activities

IEEE Karachi Section Young Professional Chapter (GD00041)

Event Title	Event Date
Matlab Workshop Held at NUST PNEC	12-11-2016 12:00
SAC Meet up 2016	01-10-2016 13:00
IEEE PSYWC Congress at NUCES-Karachi (3-days event)	(29-09-2016 9:00 01-10-2016 18:00)
Workshop on FPGA at Institute of Industrial Electronics Engineering, Karachi	22-08-2016 10:00
Cloud Computing Workshop at IEEE NEDUET Student Branch	07-08-2016 12:00
Workshop on Arduino at Isra University, Hyderabad	27-04-2016 10:00
VOLT 2016 at UIT, Karachi	26-03-2016 9:00

IEEE Student Branches and Chapters

Event Title	Event Date
IEEE UIT Student Branch Activities	
IEEE Day	19-10-2016 14:30
SS12 Asia:Age of Innovation	31-08-2016 9:30
IEEE Igniting Entrepreneurship Panel Discussion	08-08-2016 13:00
IEEE WIE Day	22-07-2016 12:00
IEEE Inter Speech Competition	07-07-2016 11:30
IEEE Inter Chess Competition	08-06-2016 10:00
Multi-Layer PCB Designing Workshop	20-05-2016 13:00
IEEE Volunteer Leadership Training VOLT Program	26-03-2016 10:00

IEEE MUET Student Branch Activities

SOHOS16	15-12-2016 11:00
Engineering project competition	27-09-2016 12:00

IEEE MUET SZAB Student Branch Activities

Independence Day 16 Celebration by IEEE MUET SZAB Student Branch	16-08-2016 9:55
Two Days short course on MATLAB Organized by IEEE MUET SZAB Student Branch	25-04-2016 12:00
Project Exhibition by IEEE MUET SZAB Student Branch	19-04-2016 12:00
Poster Competition by IEEE MUET SZAB Student Branch	18-04-2016 11:59
Speech Therapy	06-04-2016 12:00
Short Course on Microsoft Office	08-02-2016 13:00
Technical visit to Pakistan Cables	06-02-2016 9:55
Technical visit to NTDC 220 KV grid	28-01-2016 11:00
Technical Visit Organized by IEEE MUET SZAB Student Branch	28-01-2016 11:00
One day workshop on Barriers-hurdles-challenges in Research and Research Methodology	27-01-2016 12:00
Technical Event Organized by IEEE MUET SZAB Student Branch	26-01-2016 12:00

IEEE Robotics and Automation society (IEEE RAS), MUET student branch chapter was established in MUET on 2014. Since then, the Chapter has organized several events for the benefit of students of MUET under the banner of IEEE. IEEE RAS organized Student Poster Competition (SPoC'16) on 20th April in the Department of Mechanical Engineering. This was made possible due to the efforts of IEEE RAS student chapter's team led by Advisor Dr. Jawaid Daudpoto and Chair, Owais Rasool.

Fourteen posters were received, which were divided into two categories:

1. **Post- Grad Posters:** In all, seven posters were received under postgraduate category. Although competition was open to students from any postgraduate program, all the seven entries were from students of Mechatronic Engineering. Amongst those critically acclaimed posters were: Design and Development of experimental bed to characterize shape memory alloy actuators using experimental test bed (Mohammad Ali Soomro), Agricultural data acquisition system for decision support (Awais Memon), EMG sensor for crime alarming purpose (Ali Akbar Shah), Improving the cycle of Nickel-Titanium based shape memory alloy (Atta Muhammad Nizamani) and Design and development of shape memory alloy actuated exoskeleton finger (Nirma Sheikh).
2. **Under-Grad Posters:** In this category seven posters were received. Six posters were from students of Mechanical Engineering and one from group of students from Electronic Engineering. The entries included: Ultrasonic blind helper stick (Owais Rasool), Design and importance of anti-lock braking system (Salman Shalwani), Rescue robot using grid based navigator system (Abu Bakkar) and Decentralized multi-robot task allocation (Fatima Zareen).

The Dean Faculty of Engineering, Abdul Hafeez Memon, inaugurated the competition. the Dean FEECE, Dr. Bhawani Shankar Chowdhry, visited the competition and praised the students for their hard work. Chairman of Mechanical Engineering Department; Dr. Dur Muhammad Pathan, and Advisor IEEE RAS MUET Student branch Chapter Dr. Jawaid Daudpoto, Prof. Dr. Rizwan Memon welcomed guests and thanked them for their valuable time. The posters were judged by the faculty members from Department of Mechanical Engineering and Dr. Imtiaz Kalwar, Dr. Winod Kumar (Electronic Engineering), Dr. Ahsan Ursani (Chairman, Department of Biomedical Engineering). The results of the competition will be announced shortly and award distribution ceremony will be held after summer vacation.

Seminar on Internet of Things (IoT), IEEE RAS MUET Student Branch Chapter

IEEE Robotics & Automation Society (RAS) MUET Student Branch Chapter offered a Free Walk-in Seminar on Internet of Things (IoT) on 16th November, 2016 at 11.00 am in Mechatronics Lab of Mechanical Engineering Department MUET. This seminar was presented by Mohammad Adnan, field technical consultant of National Instruments (NI), who highlighted on the introduction to IoT (Internet of Things), Industrial IoT, Consumer IoT, NI (National Instruments) and IoT and Platform based approach and IoT.

The Internet of Things (IoT) is a system of interrelated computing devices, mechanical and digital machines, objects, animals or people that are provided with unique identifiers and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction. The Industrial Internet of Things (IIoT) is the use of Internet of Things (IoT) technologies in manufacturing.

NI (National Instruments) and its collaboration with Internet of Things was also discussed which is related to designing, testing, or monitoring Internet of Things (IoT) technology-based solutions. NI proves to be an ideal partner with platform-based technologies and 40 years of business-to-business experience.



- **Awards**

IEEE Karachi Section received 2nd position in Member Retention (US \$200) and 2nd position in Member Recruitment (US \$200).



2016 Outstanding Section Membership
Recruitment and Retention Performance
Karachi Section

A.2 Financial Report – Summary (as per submitted L50)

Financial Summary for year 2016 IEEE Karachi Section

ACCOUNT SUMMARY

Opening Balance: 14,160.18

Wires In 1,975.00

Interest Paid 51.37

Wires Out (4,830.00)

IEEE Transfers 8,225.55

Closing Balance: 19,582.10

5,247.55 2016 Karachi Section Rebate

Amount Generated:

IBA Karachi for Conference Partnership Fees- 970 USD

BITEMS Quetta for Conference Partnership Fees- 1005 USD

**Total Amount: -
1,975 USD**

Amount Awarded/Received:

Mehran UET Jamshoro, WIE Chapter Initial Funding- 200 USD

R10 EAB Fund – 400 USD

AIYEHUM Project Competition from R10- 500 USD (To IBA Sukkur Students)

2016 R10 MD Incentive Grants (2nd recruitment & 2nd retention)

transfer from Region 10- 400 USD

2016 MTT-S Chapter Funding-MTT-S- 1000 USD (For MUET Jamshoro)

**Total Amount: -
2,500 USD**

Amount Invested:

Partial Travel Grant to SSR and YP Rep for R10 Congress in India - 545 USD

EPICS Karachi Project for Hamdard University- 1,505 USD

SAC Activities and Events- 605 USD

PSYWC – FAST University Amount- 480 USD

IEEE Computer Society Events - 385 USD

Project Exhibition UIT University- 300 USD

Technical Seminar- 110 USD

Other Activities and SB support- 400 USD

**Total Amount: -
4,330 USD**

Assets and Liabilities for 2017:

Indus and PAFKIET University Conference Support Amount – 2000 USD (Asset)

IEEE MTT MUET SB – 1000 USD (Liability)

SAC Expenses- 115 USD (Liability)

Computer Society- 115 USD (Liability)

SCONEST Conference – 600 USD (Liability)

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years in IEEE Karachi Section R00041.

	2014	2015	2016
Higher Grade	250	247	310
Student Grade	405	454	688
Total Members	655	701	998

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

2016 Outstanding Section Membership Recruitment and Retention Performance Award

B.2 Chapter Activities

- Total number of Chapters in the Section – **04 (IEEE Karachi Section Computer Chapter (C16), IEEE Karachi Section Communication Chapter (COM19), IEEE Karachi Section PES Chapter (PE31) and IEEE Karachi Section Young Professionals Chapter (GD00041))**
- Number of Chapters formed in the current year – Nil
- Number of active Chapters (Chapters who have reported required number of meetings during the year)
- 04 (IEEE Karachi Section Computer Chapter (C16), IEEE Karachi Section Communication Chapter (COM19), IEEE Karachi Section PES Chapter (PE31) and IEEE Karachi Section Young Professionals Chapter (GD00041))**
- Summary of Chapter activities (Chapter wise with attachment table/information)

1) IEEE Karachi Section PES Chapter (PE31)

Event Title	Event Date
Vision 2016	09-09-2016 10:00
SPARK III	07-09-2016 10:00
Seminar	17-03-2016 11:00
Introduction to Smart and Micro Grid	29-09-2016 14:00
IEEE Green Energy Project Showcase 2016 at NUCES-Karachi	25-04-2016 8:00

2) IEEE Karachi Section Computer Society Chapter (C16)

Event Title	Event Date
4th Technical Seminar on Cyber Security, Mean Stack Development, Automotive Engineering and Education in Germany	23-12-2016 10:30
3rd Technical Seminar on "New Evolving Technologies and Industry Trends: Future Networking Careers"	20-12-2016 10:30
1-day Symposium on Recent Trends in Computer Science	03-11-2016 9:00
Technical Seminar on Technopreneurship	06-10-2016 11:00

3) IEEE Karachi Section Communication Society Chapter (COM19)

Event Title	Event Date
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Technical Seminar titled "Advances on Integrated Photonics"	22-12-2016 10:00
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Lecture on RF Optimization and Planning	14-03-2016 12:00
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4) IEEE Karachi Section Young Professional Chapter (GD00041)

Event Title	Event Date
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VOLT 2016 at UIT, Karachi	26-03-2016 9:00

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

Technical Seminars, Congress and Conferences

Event Title	Event Date
Seminar Electrical Fire Safety	12-01-2017 14:00
Seminar Electrical Energy Optimization Part III	25-05-2016 17:00
Seminar Electrical Energy Optimization Part II	27-04-2016 17:00
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B.4 Students Activities

- Total number of Student Branches in the Section - 24
- Number of Student Branches formed in the current year – 03 [Habib University, Sir Syed University of Engineering and Technology and Nazeer Hussain University]
- Section level student activities (student congress, paper and other contests, awards etc)

Event Title	Event Date
Matlab Workshop Held at NUST PNEC	12-11-2016 12:00
SAC Meet up 2016	01-10-2016 13:00 (14-12-2016 9:00)
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- Number of active Student Branches (Student Branches who have reported required number of meetings during the year)

15 IEEE Student Branches are active out of 24 IEEE Student Branches

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

IEEE Student Branches and Chapters

Event Title	Event Date
IEEE MUET Student Branch Activities	
SOHOS16	15-12-2016 11:00
Engineering project competition	27-09-2016 12:00
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B.5 Affinity Group Activities

- Young Professional (YP)

IEEE Karachi Section Young Professional Chapter (GD00041)

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SAC Meet up 2016	01-10-2016 13:00
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- Women In Engineering (WIE)
- Life Member

B.6 Awards & Recognition Activities

- Award constituted by the Section

Best Student Volunteer Award

~~Best Student Branch Councilor Award~~ [Canceled due to Short of Nominations]

Best Student Branch Chair Award

~~Best Student Branch Initiative Award~~ [Canceled due to no nomination from new initiatives]

Best Student Branch Award

The extended deadline of nominations is **February 15, 2017** and Award Nominees Evaluation has been completed. Now we are in the ExCom Approval phase.

- Please list all Awards and Recognitions received by the Section, and members in the Section, from R 10 and IEEE HQ during the year 2016

2016 Outstanding Section Membership Recruitment and Retention Performance Award

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

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

IEEE Karachi Section Newsletter

One issue of Newsletters as of 38 pages for the period of 2015 to June 2016. Second issue is under progress for July – December 2016 Final Draft was checked on February 15, 2017. We will be issuing it soon.

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

IEEE Karachi Section Website

www.ieekhi.com

This website is frequently updated by our SAC Team under Murtaza Hanif (SAC Chair)

- Other means of contacts with Section members including social media

We have **Facebook Page**

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



[IEEE Karachi Section | Facebook](https://www.facebook.com/IEEEKarachiSection/)

[www.facebook.com](https://www.facebook.com/IEEEKarachiSection/)

IEEE Karachi Section. 4,227 likes · 130 talking about this. IEEE's core purpose is to foster technological innovation and excellence for the benefit of...

Also, we have **03 IEEE List Serve Mailing Lists** for **IEEE ExCom Members**, **IEEE Members** and **IEEE Student Members**.

B.8 Industry Relations

- Membership growth and retention

We won the 2016 Retention and Renewal Award

B.9 Humanitarian Technology Activities

- Humanitarian Technology related activities supported by the Section including collaboration with other OUs.

- SIGHT Activities are under **Engr. Parkash Lohana as SIGHT Coordinator**

IEEE Karachi Section SIGHT is working on one project with local NGO to **provide sustainable energy in off-grid communities living in remote areas of Sindh.**

- Activities for/with industrial members

We have **Engr. Tahir Saleem as Industrial Relations Coordinator** and arranging Technical Seminars related Power and Electrical Safety for Industrial professionals:

Technical Seminars

Event Title	Event Date
Seminar Electrical Fire Safety	12-01-2017 14:00
Seminar Electrical Energy Optimization Part III*	25-05-2016 17:00
Seminar Electrical Energy Optimization Part II	27-04-2016 17:00
Seminar Electrical Energy Optimization	24-03-2016 17:00

B.10 Community Activities

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

IEEE PSYWC Congress at NUCES-Karachi (3-days event)	(29-09-2016 9:00 01-10-2016 18:00)
IEEE Day at Port Grand	30-09-2016 20:00



[IEEE Karachi Section | Facebook](#)

www.facebook.com

IEEE Karachi Section. 4,227 likes · 130 talking about this. IEEE's core purpose is to foster technological innovation and excellence for the benefit of...

PART C - OTHERS

C.1 Special Events

- Please briefly describe the importance of special events and the outcomes achieved

Meeting Title	Meeting Date
Special Meeting on the Formation of IEEE Karachi Section WIE AG Chapter	29-07-2016 19:00
Special Meeting in the honor of Mr. Tahir Choudhary	24-01-2016 12:30

- Funding secured from the IEEE and external sources including sponsorships

(Reported in Treasurer Report)

C.2 Relationship with National and International Societies and Non-Government Organizations (NGO)

- Nature of relationship and details of any formal agreement signed
- Details of joint activities
- Benefit to IEEE members (for example discounts, access to technical information etc.)
- Benefit to Section (for example help in membership development, venue facilities, cost saving etc.)

C3. Collaboration with other IEEE Sections

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

**Joint Chapter on Controls and Robotics with IEEE Lahore Section and IEEE Islamabad Section
CH10498 - Islamabad Lahore Karachi Jt. Sections Chapter CS23**

Meeting Title	Meeting Date
Combine IEEE Sections Executive Committee Meeting of Lahore, Karachi and Islamabad 2016	01-10-2016 14:00



Joint Activity of IEEE R10 SAC (September 30)



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

- Support extended for organising technical, educational and professional activities
- Joint activities for membership development
- Support extended for the formation of a Sub-section or transition of a Sub-section into a full Section

IEEE Karachi Section offered BUIITEMS, Quetta during ICE-CUBE 2016 for the formation of “IEEE Quetta Subsection” but still they have not submitted any official form.

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

We organized 10th Pakistan Student YP WIE Congress in 2016. This links around 80 IEEE Student Branches in Pakistan. Also, links WIE Chapters and other society’s chapters too.

We organized Student CONference of Engineering Science and Technology 2016, which link young engineering researchers under one umbrella.

C.6 Problems anticipated and suggestions for solutions,

IEEE Karachi Section do not have any Bank Account. So, we use IEEE Custody Account for our financial reimbursement. But some of our organizations are very reluctant and do not have regional approvals for US Transfer. We lost 2 sponsors of US \$1000 each i.e. a loss of US\$2000 only in 2016.

PART D - GOALS AND PLANS

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

We are planning to have a Humanitarian Conference in August 2017.

D.2 Goals and Future Plans

Our IEEE Karachi Section Goals are:

- **To train the young talent either in university by our IEEE Student Branches, TISP Coordinator or SAC Team or in professional field by YP Chapter**
- **To Network Students with Professionals through Congress, Industrial Tours, Conferences and Competitions**
- **To transfer knowledge to professionals through Conferences, Symposiums, Workshops and Technical Seminars**
- **To retain and create new IEEE memberships through MD Programs**
- **To do humanitarian projects of EPICS, SIGHT and TISP**

2017 IEEE Karachi Section Plans:

1. In April 2017, two activities are lineup.
 - a. One is **2017 International Conference on Innovations in Electrical Engineering and Computational Technologies (ICIEECT)**” organized by Indus University Karachi under the Technical Sponsorship by IEEE and patronage of Higher Education Commission Pakistan from **5th to 7th of April, 2017** at the Prof. Salim-uz-Zaman Siddiqui Auditorium of **International Center for Chemical and Biological Sciences, LEJ National Science Information Center, Karachi, Pakistan.**
 - b. All Pakistan **IEEE Computer Science Symposium on April 08 and 09 at University of Karachi** under IEEE Karachi Section Computer Chapter headed by Dr. Sadiq Ali Khan.
2. Another IEEE Conference **“INTELLECT17”** will be organized in November 2017 with PAF-KIET in Karachi, Pakistan.
3. IEEE Karachi Section will hold bi-monthly **Executive Committee Meetings.**
4. IEEE Karachi Section will hold bi-monthly **Technical Seminar Series.**
5. IEEE students will attend **PSYWC 2017** in late-year.
6. SAC Team will held **quarterly SAC Meetings.**

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

We achieved our 2016 Goals, which is a prove of our continues working.

2016 Outstanding Section Membership Recruitment and Retention Performance Award

D.4. Business Plan for Sustainable Growth and Financial Stability.

IEEE Karachi Section do not have any Bank Account. So, we use IEEE Custody Account for our financial reimbursement. We are suffering from Operational Receivables and Payment Delays.

IEEE Karachi Section is run by its various bodies, a stable and sustainable growth can only be achieved if all contribute equally and equitably in progressing Karachi Section. Following are some plans to sustain especially the memberships of Karachi Section and ever growing reputation:

- Organize more interactive Q/A sessions via SAC and MD committee's at new student branches to develop interest.
- Work on 2-3 large events to be organized by emerging volunteers at student branches where the huge pool of student members exist.
- As for many past years's, a plan is to organize more professional-oriented technical seminars for engaging industry professionals.
- Also as of many past years's, guest speaker sessions at various universities would be employed for academicians to get industry expert view and knowledge.
- Hopefully, more partnerships will be made in order to financially raise amounts equal to 1,000 USD in order to organize technical research based conferences in universities.
- A large pool of our membership makes students and young professionals, so a good focus would be on organizing activities for them throughout the year.
- Empower our technical societies chapters by organizing specific events/conferences for relevant members. We are looking forward to organizing IEEE Computer Society SYP Congress in April, 2017.
- Involve more participation from civic society and volunteers in humanitarian activities.