



Section Report

IEEE LAHORE SECTION ANNUAL REPORT 2013

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PART A SECTION SUMMARY

A. 1 Executive Summary

IEEE Lahore Section was formed as a full-fledged Section in 1964. Currently, it has two society chapters, namely, Communication Society, and Computer Society. There are two affinity groups, GOLD and WIE. There are 11 active student branches in this section. Student branches remained vibrant throughout the year 2013 and organized a large number of activities.

The objectives of IEEE Lahore Section have been defined as under:

- To Provide a Platform for Networking
- To help in sharing knowledge and expertise at Local level
- To strengthen Industry-Academia Links
- To encourage and guide Student Activities
- To represent Lahore Section at international IEEE Forums

The Annual General Meeting of Lahore Section for the year 2013 was held on December 28, 2013 at the Lahore University of Management Sciences (LUMS). Dr. Asrar Ul Haq Sheikh, Fellow IEEE delivered the keynote address. The topic of his address was "How Engineers can Help Develop Pakistan".

The affinity groups of Lahore Section namely GOLD and WIE were quite active and organized a number of activities.

The section membership was 570 in November, 2013, much higher as compared to the last year's total of 497.

During the year 2013, six (6) Executive Committee meetings were held besides a number of administrative meetings and technical events.

A mega event of the section was holding of the 16th International Multitopic Conference in collaboration with the University of Engineering and Technology (UET) Lahore. The conference was held on 19-20 December 2013 at UET and was attended by a large number of participants. A little more than 200 papers were received out of which around 50 were accepted for presentation after blind peer reviews. The section made a permanent website for the conference.

This year again two awards were announced for Pakistan by R-10 and one by MGA.

A. 2 Financial Report

Financial reports are provided separately using NetSuit

A. 3 List of Executive Committee Members for 2013 & 2014

S#	Name of Nominee	Membership#	Address	Position Proposed by Section
	Dr. Syed Amjad Hussain Shah	SM-41388554	Professor, Electrical Engineering, NUCES-Fast Lahore, B-Block Faisal Town, Lahore	CHAIR
	Dr. Muhammad Tahir	M-40153160	Electrical Engineering Department, UET, G.T. Road Lahore	VICE-CHAIR
	Dr. Ali Afzal Malik	M-90361581	Associate Professor, IT, UCP, Opp. SKMT, Johar Town, Lahore	SECRETARY
	Dr. Shafay Shamail	SM-1855139	C/o Associate Professor, CS Dept. LUMS, DHA, Lahore Cantt.	TREASURER
	Dr. Khaver Zia	M-85026639	Dean CS, Becon National University, Zafar Ali Road, Lahore	SAC, Chair
	Engr. Naveed Ahmad Khan	M-91284317	Assistant Professor, University of Lahore, 1 Km Raiwind Road, Lahore	Membership Dev. Chair
	Engr. Shazeb J. Rathore	M-04673612	34-A, Sattelite Town, Gujranwala	Industrial Relation Chair
	Engr. Shazia Rizwan	M-92259444	BNU, Lahore	MEMBER
	Dr. Qamar Abbasi	M-90596134		MEMBER
	Dr. Sobia Baig	M-92096967	COMSATS, Defence Road of Raiwind Road, Lahore	MEMBER
	Engr. Syeda Synnia Tanveer	M-90556208	G.C. University, Lower Mall, Lahore	MEMBER
	Engr. Humna Malik	M-92513161	G.C. University, Lower Mall, Lahore	MEMBER
	Engr. Sahar Sultan		Lahore College Women University, Jail Road Lahore	MEMBER
	Engr. Syed Maroof Raza	M-80057009		Chair GOLD Affinity Group
	Engr. Mehvish Zahoor	M-90364290		Chair Pakistan WIE Affinity Group
	Ms. Rabail Raza	M-90556208	NFC-IFER, Faisalabad	SSR
1.	Dr. Waqar Ahmad	M-085026639	Director, KICS, UET, G.T. Road, Lahore	Chair Computer Society Chapter
2.	Dr. Noor M Sheikh	M-41533774	Oman Chair, Electrical Engg. Dept. UET, Lahore	Chair, Communication Society Chapter

PART B -ORGANISATIONAL ACTIVITIES

B. 1 Membership Development Programmes Efforts in Membership Development

During the year there were continual efforts to increase the membership and retain existing members. In particular the student branches organized a number of introductory sessions for new students.

Student volunteers have conducted motivational seminars and presented talks on the benefits of joining IEEE and establishing student chapters.

Membership Statistics

There has been an increase in the overall membership from last year. At the end of the year 2013, the membership of the Lahore Section is given below in comparison to same for last 5 years (2008 to 2013).

Current Grade Description	Dec-2013	Dec-2012	Dec-2011	Dec-2010	Dec-2009	Dec-2008
Affiliate	-	-	4	4	2	5
Associate Member	18	12	14	7	7	10
Fellow	1	-	-	-	-	-
Graduate Student Member	35	36	34	32	14	14
Life Member	-	1	1	1	1	1
Life Senior	-	-	1	1	1	2
Member	230	232	181	194	167	120
Senior Member	12	12	12	11	14	13
Student Member	274	204	264	270	344	269
Total	570	497	511	520	550	434

Current Student Branches:

- 1 Beaconhouse National University, Lahore
- 2 COMSATS Lahore
- 3 FAST NUCES, Lahore
- 4 GCU Faisalabad
- 5 GCU Lahore
- 6 Islamia University, Bahawalpur
- 7 LUMS Lahore
- 8 NFC Faisalabad
- 9 UET Lahore
- 10 University of Faisalabad
- 11 University of Management and Technology, Lahore

The objectives of the Membership Development Committee (MDC) of IEEE Lahore Section are:

- To increase members: professionals and students
- To retain the members as much as possible
- To promote more Senior Members or even Fellow
- To set up more Society Chapters and Student Branches

B. 2 Professional and Continuing Education Activities

Events, Seminars, and Invited Talks

IEEE Lahore Section arranged the following activities this year.

1. **Executable Modeling: A Model Driven Approach of Programming and Analyzing Complex Systems. A Seminar by Dr. Imran Mahmood of UET Lahore on 27 September 2013 in LUMS.**

Dr. Imran Mahmood earned Doctoral degree at KTH-Royal Institute of Technology Sweden; More than 6 years of experience as a creative, innovative, self-driven and goal oriented academic researcher. Comprehensive knowledge of Modeling & Simulation, derived from extensive academic & industrial training. Worked in collaboration with Swedish Defense research agency (FOI) during the Masters and Doctoral research.

2. **Semantic Annotation of Digital Music: A lecture by Dr. Jawed Siddiqui Professor Emeritus at Sheffield Hallam University, UK, on 21 November 2013 at FAST-NUCES, Lahore**

Dr. Jawed Siddiqui is Emeritus Professor of Software Engineering at Sheffield Hallam University, UK. He is also the Chair of British Computer Society Formal Aspects of Computer Science and President of National Council of British University Professors.

Dr. Jawed Siddiqui has been the Director of the Computing Research Center, Professor of Software Engineering, Head of the Software Engineering Division and Associate Dean of Research in the School of Computing and Management Sciences at Sheffield Hallam University and was the Professor of Software Engineering in the Faculty of Arts, Computing, Engineering and Science.

3. IEEE Lahore Section Projects Competition” held on June 29, 2013 at Beaconhouse National University, Lahore.

The objective of the competition was to encourage students to develop quality engineering projects as part of their curricular activity in the Final year of their engineering program and get recognition for their work. A complementary objective was to increase students’ involvement in IEEE activities at the local level.

The competition was open to final year students in institutions where IEEE Student Branches are functional. Projects carried out in academic session 2012-13 were considered. In each project entry, there was required to be at least one active IEEE student member. Projects having more than 5 members in the group were not eligible.

In the first round visits were undertaken to 6 IEEE Branches of Lahore Section. A total of 42 projects were evaluated out of which 20 projects were shortlisted for the Final Round.

The Final Round was held at Beaconhouse National University Lahore on Saturday 29th June 2013. A total of 15 projects were displayed for the whole day.

Executive Committee Meetings

A total of six Executive Committee Meetings were held during 2012. All the meetings took place at FAST-NUCES, B-blocj, Faisal Town, Lahore. The dates of the meetings are; 1st meeting on 23rd February 2013, 2nd meeting 30th March 2013, 3rd meeting 4 May 2013, 4th meeting 15th June 2013, 5th meeting 16th November 2013, and the 6th meeting 7th December 2013.

Some of the important issues discussed in the above meetings were:

1. Organization of Technical Events
2. Support and Funding of Student Branches.
3. Lahore Section Final Year Project Competition
4. Industry-Academia Collaboration
5. Membership Development
6. Organization of INMIC-2013
7. Presentation of accounts of Section

Administrative Meetings of 2013

In addition to Executive Committee meetings, four administrative meetings were held during the year.

1. Meeting of SAC with student representatives.
2. Meeting with Lahore Section Auditors Aftab Zafar & Co
3. Meetings regarding the organization of 2013 INMIC.
4. Meeting of Awards Committee.

Annual General Meeting of 2013

The Annual General Meeting of Lahore Section for the year 2013 was held on December 28, 2013 at the Lahore University of Management Sciences, DHA, Lahore. Dr. Israr Sheikh, Fellow IEEE was the Keynote Speaker. The topic of her keynote address was “How Engineers can Help Develop Pakistan”.

B. 3 Awards and Achievements

Section Awards

In the past the Section has given awards to the Best Volunteers, Best Student Volunteer and Best Student Chapter as incentives for the outstanding work done by them for promoting the cause and function of the Section in particular, and the IEEE in general. The awards are in the form of shields and certificates.

The recipients of IEEE Lahore Section Awards for 2013 are:

1. Best Student Volunteer of the Year: Ms. Rabail Raza (NFC-IEFR, Faisalabad)
2. Best Student Branch of the Year: NFC-IEFR, Faisalabad
3. Best WIE Student Branch affinity group of the Year: COMSATS, Lahore

Achievements in Section

Many students as well GOLD and WIE members participated in the R-10 Student/GOLD/WIE congress held in Hyderabad, India.

Achievements in Region 10

Rabial Raza was awarded Region 10 WIE Volunteer of the year Award.

COMSATS student branch was awarded 2012 WIE Section/Student Branch Affinity Group of the year Award

Maroof Raza was awarded 2013 MGA GOLD Achievement Award

B. 4 Student Activities

B.4.1.IEEE-BNU Activities 2013

IEEE-BNU Kick It '13 - Intra-BNU Futsal Open

Its was a fun activity ,a social event held on 12th April,2013 in which students of the university was divided into different teams of 6 persons and they played street football .Winner was awarded shields , trophy and certificates .

Final Year Project Exhibition

The IEEE (Institute of Electronics and Electronic Engineers) Lahore Section organized Final Year Engineering Projects Competition for students of IEEE Branches of Lahore Section. IEEE BNU chapter hosted the event on 29th June, 2013. The objective of the above competition was to encourage students to develop quality engineering projects as part of their degree requirement.

Seminar On Network Security

20th December ,2013 IEEE-BNU hosted a seminar on network security .It includes introduction, in and outs , how stuff works , IP with respect to future benefit and usability etc .The guest speaker was Mr. Ahsan Malik and he has been associated with corvit system(CISCO Gold partner, Huawei Official training partner) since last 13 years.

IEEE-BNU TechTalk : Search Engine Optimization

It was a healthy talk and a training session ,delievered by Mr . Naeem .The Content included was :

- Basic SEO Terms
 - Organic and Natural vs Black Hat SEO
 - Selection of Site name
 - On page SEO (On page Optimization)
 - Site Architecture and Design
 - Selection of Target Audience and Region
 - Site Navigation
 - Site map protocol
 - Off page Optimization
 - Type of Search Engines

Windows Phone App Development

It was a 2 day training boot camp on Microsoft Windows phone app development, in which Microsoft trained instructors were sent by MIC (Microsoft Innovation Center) into our campus .

IEEE-Membership Drive (fall 2013)

Freshies were addressed by the chairperson and branch counsellor about the IEEE platform and its benefits .They were encouraged and motivated to be the part of IEEE-BNU family and a active member of IEEE .

B.4.2. COMSATS Lahore Activities 2013

IEEE CIIT Student Branch has been very active since its formation. This year,2013, members of this branch proved themselves by stepping forward in the betterment of the students of their campus. The events organized by this branch are:

IEEE/WIE Introductory Seminar Spring 2013

An Introductory IEEE and WIE Seminar was organized by the IEEE CIIT Lahore Student Branch. The purpose of the seminar was to create awareness among the junior students about the importance IEEE can play in their professional as well as student life.

INNOFEST 2013

INNOFEST 2013 was the competition to bring out the innovative insight of the students and was organized under the same motto.

The series of competitions includes:

- IEEE eXcode Programming Challenge
- IEEE Circuitix, the Circuit Designing Competition
- IEEE Microcontroller Interfacing Competition (MIC)
- WIE Brain Quest
- Photography and Poster Design Competition Focusing on the theme of Earth Hour
- IEEE e-Gaming Competitions

Introductory seminar On Importance Of Workshops

The agenda of the seminar was to create awareness among the students about importance of workshop in universities. The invited guests of the seminar were:

IEEE Gold Member Ahmed Ali from Mobilink

IEEE Gold Member Salman Farrukh owner of a software company .

Seminar on Robotics

Introductory seminar on world of robotics and its importance in today's world was held on 4th April,2013. A

brief lecture on digital image processing to demystify the image based guidance method.

Symposium on Emerging Technologies (SET'13)

The objective of the symposium was to provide a forum to discuss and investigate the emerging technologies and research problems associated with them in the areas of Embedded and Ubiquitous Computing Systems, Telecommunication, and Networking.

The event of SET'13 focused on the invited talks in the following research directions.

- Embedded & Ubiquitous Computing Systems
- Telecommunications and Networking

New Website launch

On 1st June,2013 IEEE CIIT launched their student branch website on IEEE entity web hosting in parallel with their existing website on our university domain.

Current website: ieee.ciitlahore.edu.pk

New IEEE domain website: sites.ieee.org/sb-ciit

IEEE Membership Campaign Fall 2013

IEEE CIIT Lahore Student Branch started three days membership campaign for the promotion of IEEE among new enrolled university students. The campaign started from 1st September to 3rd September 2013.

Industrial Tours

IEEE CIIT Lahore Student Branch organized following industrial tours:

KoheNoor Industries (19th September,2013)

Descon Lahore (24th September,2013)

Honda Atlas (29th October,2013)

Brain Storm Quiz Competition

IEEE and WIE CIIT Lahore Student Branch organized a technical quiz competition named as “Brain Storm Quiz Competition” held on the eve of IEEE day (**2th October 2013**) celebrated at COMSATS Institute of Information Technology, Lahore campus.

TECHNO SCAVENGER HUNT

IEEE-CIIT Lahore Student Branch organized a competition named as “Techno Scavenger Hunt” held on 29th of October 2013.

IEEE WIE JUNK ART Competition 2013

The student affinity group Woman in Engineering (IEEE-WIE) at CIIT Lahore hosts WIE Junk Art Competition. It was an art competition from recycle material to be held during CIIT Lahore student week on the 29th of October 2013.

ONLINE PERSONAL BRANDING

IEEE-CIIT Lahore Student Branch organized a Seminar named as “OnlinePersonal Branding” by Dr. Umer Ruhi faculty EE department held on 6th of November 2013. The main theme of seminar is Ego-Surfing to Reputation Management whether it is Facebook, Twitter, LinkedIn, orGoogle+.

VOIP AND ACL WORKSHOP

The theme of seminar is to learn the basic skills of Packet Switched Networks and VoIP standard services.

B.4.3.IEEE FAST- NUCES Lahore Activities 2013

The IEEE FAST-NUCES is a very active student chapter of IEEE-Lahore Section. This year,2013, has been very informative not only for the members of IEEE-NUCES but also for the students of their university. Following events were organized in the campus under IEEE platform.

GEEK WEEK.

To provide the students with a platform to nurture their skills and engineers to collaborate and expand their horizon, IEEE-NUCES in collaboration with NUCES-ACM & G3NX arranged a 3 day long mega mesh-up event of GEEK WEEK. The following events carried out under it:

- SAARC CODING COMPETITION
- HACKATHON
- MECH-MOOT

WORKSHOPS:

Different workshops which were conducted with massive participation of students were:

- Windows Azure and Windows Phone Development by MIC-Lahore Team.
- Android Game Development and iOS Game Development
- A workshop on Photography conducted by Dody Baba, Founder & Chairman at LightCraft Pakistan

GEEK WARS:

A competition of mathematical and IQ based questions, which was actually a race against the time, was held by the name GEEK WARS.

CUSTOM PC:

Combining creativity and technical knowledge, an event of displaying embellished machines was also held. CUSTOM PC was an exhibition oriented contest and covered the fascinating details of a PC.

ALL PAKISTAN GAMING COMPETITION:

To develop a sense of constructive competition an ALL PAKISTAN GAMING COMPETITION was held which had massive participation from all over Pakistan. The games included were FIFA, DOTA, TAKEN 6 & Counter Strike.

CAMPUS CONVERSATIONS:

On Tuesday 26th March, 2013 IEEE NUCES hosted 3rd season of Campus Conversations presented by CIO Pakistan with Intel. The main speakers were:

- Mr. Umar Saif Chair of PITB
- Mr. Monis Rehman founder of Rozee.pk
- Mahera Shafique from Intel

IEEE TECHNOVATE'13:

IEEE Technovate, the latest and one of the highest profiled events of IEEE Pakistan was held jointly by two IEEE regions, Region 8 & 10. IEEE Technovate treading on the path laid by the Egyptian Engineering Day (EED) Program was held simultaneously in all the sections of Pakistan on 8th July, 2013. This time IEEE's student chapter at FAST-NU, Lahore had the amazing opportunity to host this prestigious competition. The main impetus was to undergo a forage to find the best three projects of Pakistan that could be sponsored and compete in the EED annual exhibition.

IEEE ORIENTATION'13:

With a purpose to create awareness of the IEEE platform in general and IEEE FAST-NUCES student chapter in particular, a Recruitment Session was held on 11th September, 2013 at FAST-NUCES Lahore campus.

Along with this, the ongoing projects of IEEE FAST-NUCES were underlined with specific focus on collaboration of IEEE with **The Ghani Welfare Foundation**, a Non-Profitable setup, to run multiple charitable projects in Pakistan with their first project which is the Ghani Grammar School in Lahore.

MEMBERSHIP DRIVE'13:

The orientation proved successful in motivating students as it was followed by a membership drive for the students who showed interest in joining the society.

IEEE DAY 2013 - LEVERAGING TECHNOLOGY FOR A BETTER TOMORROW:

To take a break from the hectic and monotonous routine of studies the **IEEE NUCES** Lahore Student Branch combining fun with a tinge of technology awareness celebrated the IEEE DAY at FAST-NUCES Lahore Campus.

The events that followed after a fun filled balloon and banner rising ceremony were:

- PHOTOGRAPHY COMPETITION
- BAKE SALE
- FIFA COMPETITION

Two online competitions arranged in collaboration with **Jeppiaar**, India were:

- TREASURE HUNT
- POSTER DESIGNING

A highly savoured event finally ended with a cake-cutting ceremony.

MICROSOFT COMMUNITY MEETUP:

Showing interest in focusing on Fast-NU for recruiting students a Session by Microsoft Innovation Center Lahore was held at FAST-NUCES Lahore campus. The major points that were discussed were:

- Introduction of Microsoft Innovation Center in Lahore.
- Microsoft Imagine Cup drive to represent Pakistan worldwide
- Microsoft student partner program and recruitment of MSPs from FAST-NUCES.

B.4.4.IEEE-GCU Faislabad Activities 2013

As the volunteers of IEEE at GCUF, their motive is to organize such events which not only benefits their existing members in particular and students in general but also create awareness among all about the gravity of being a member of IEEE.

Keeping this goal in mind IEEE-GCUF organized the following Events in the year 2013.

Seminar on “Mentorship”:

Miss. Mehvish zahoor, Ex-chairperson IEEE WIE, Lahore Section along with Mr. Sharak Nadeem Ex-Chair of IEEE GCUF Student Branch and Mr. Syed Zeeshan Haider, IEEE-GCUF Branch Counselor, gave a seminar on Mentorship.

Report Writing:

To provide students with a sense of IEEE Report writing tools and to emphasize on the importance of reporting in IEEE, were discussed and delivered aptly by Miss. Nafeesa Mazhar, Ex-com Member of IEEE WIE Lahore Section and Mr. Arsalan Maqsood, Ex-Chair of IEEE GCUF Student Branch.

Seminar on Robotics:

To keep up with the ever increasing technology especially in the field of robotics, a seminar on Robotics was held successfully with major participation of students. Dr. Yasir Niaz Khan, Assistant Professor, FAST NU presided this seminar.

IEEE DAY with GCUF and Orientation of Computer Society Chapter of IEEE:

IEEE-GCUF organized the 1st orientation of IEEE-GCUF CS on IEEE day 1st Oct and also celebrated the IEEE Day with enthusiasm.

E-WAR-QUIZ Competition:

IEEE-GCUF organized an Engineering Quiz competition named E-WAR on October 3, 2013. The quiz based on three rounds, covering general engineering subjects.

Workshop on BIOINFORMATICS SKILLS DEVELOPMENT:

IEEE Lahore section and IEEE-GCUF (CS), in collaboration with Department of Bioinformatics and Biotechnology, GCUF arranged a workshop to bridge the gap between learning, research & applications in fields of Bioinformatics & Computer Sciences. The Main speakers of this workshop were:

Miss. Sobia Ajaz, Researcher in PARB Project at NIBGE Faisalabad.

Mr. Sajjad, PHD Researcher at GCUF.

Miss. Mehvish Zahoor

Technology Fair and Industrial Expo'13:

IEEE-GCUF student branch (including Computer Society and WIE affinity groups) joined hands with faculty of Department of Electrical Engineering & College of Computer Science & Information Studies (CCSIS) to present the biggest fair of Science and Engineering in the history of Faisalabad with the aim to bring “Technology for all, at every level in every sense.”

List of the events are:

- Opening Ceremony

- Engineering Project Exhibition & Competition
- Industrial Stalls
- Job Fair
- S-PAC (Student Professional Awareness Conference)
- Conferences On
 - Industry Challenges and Fresh Graduates
 - Entrepreneurship, Challenges and Opportunities
 - Technology Challenges vs. our Academia
 - Female Students Exploring Science and Technology
- Competitions
 - Microcontroller Interfacing Competition
 - Web Development Competition
 - E-War Quiz Competition
 - Cyber War
 - K-War
 - Programming Competition
 - Speed Wiring
 - Science Model Competition (For Pre University Students)
 - Application & Game Development Competition
- Gaming Competition
- Fun Night
- Closing Ceremony

The Invited Dignitaries were:

- Prof. Dr. Zakir Hussain, Vice Chancellor, Government College University, Faisalabad
- Prof. Dr. Mukhtar Ahmad, Executive Director, HEC
- Engr. Syed Abdul Qadir Shah, Chairperson Pakistan Engineering Council
- Prof. Dr. Niaz Ahmad, Rector, National Textile University Faisalabad
- Dr. Umar Saif, Director PITB
- Dr. Syed Amjad Hussain, Chairperson, IEEE Lahore Section
- Dr. Waqar Mehmood, Chairperson IEEE Computer Society, Lahore Section
- Dr. Shafay Shumail (Ex-Chairperson IEEE Lahore Section), Professor, Department of Electrical Engineering and computer sciences, LUMS
- Dr. Muhammad Tahir Izhar, Department of Electrical Engineering, UET Lahore
- Qaisar Abbas, Founder of Possibilities.com
- Dr. Kashif Azeem Janjua, Director PTCL, Lahore
- Guest Speakers, HR Managers and leading Industry and Media Professionals

IEEE TECHTALK:

To provide practical knowledge in an interesting way an event of TECHTALK was held on 9th December 2013 which gained a highly positive response in terms of participants and feedback. So to broaden our views and to make a blend of our academic knowledge with general and technology based ones, following talks along with the anticipated speakers have been planned :

- Talk 1 (Big Data):

Mr. Saad Jagda , CEO Symbiosis
9th Dec, 2013.

- Talk 2 (Tutorial on Mind Making):

Dr. Ramzan Talib, Principal, College of Computer Science & IS, GCUF
23rd Dec, 2013.

- Talk 3 (Digital Image Processing):

Ms. Uzma Jamil, Lecturer, Dept of Computer Science, GCUF

- Talk 4 (Java Dev from Apptech):

Mr. Bilal, Apptech Institute

- Talk 5 (Anti Hacking/ security):

Mr. Umer, Apptech Institute

- Talk 6 (Problem Solving Skill Development):

Ms. Asma Sajid, Lecturer, Dept. of Computer Science, GCUF

B.4.5. GCU-Lahore Activities 2012

IEEE GCUL branch has always tried their best to promote engineering students at every level. The following are the activities that IEEE- GCUL and IEEE-WIE GCUL branch organized in 2013. They have conducted seminars, workshops and lectures regarding interest of the students.

Orientation

Orientation was conducted by IEEE GCU Lahore which was attended by Head of Computer Science department, Faculty members, Advisor Humna Malik and Mentor Synnia tanver.

Tech Fusion

The IEEE-WIE Government College University Student Branch organized "TechFusion" a 3 Day mega event, consisting of numerous recreational activities and curricular and awareness lectures. It includes the following events:

- the orientation of IEEE and WIE by Mrs. Bushra Khaliq.
- Technical Quiz
- Workshop on IP Configuration, Proxy Server management and Layer 2 & 3 Switches by . Fareeha Zafar Assistant Professor at GCU Lahore and Mr. Ali Faraz Khan who is also a Network Administrator from HEC.
- E-gamming that involved Counter Strike, Fifa' 13 and NFS most wanted.

Inauguration of IEEE at UOL and Comsats

IEEE GCUL and IEEE-WIE GCUL also participated in the inauguration of IEEE branch in UOL and Comsats. Where presentation regarding 'The importance of joining societies' and 'Why students should be a part of IEEE?' were delivered to the students.

AGM

IEEE GCUL branch also participated in AGM 2013 held by LUMS (Lahore University of Management and Science).

IEEE Day

IEEE day was celebrated on 1st of October, 2013 worldwide. This was also celebrated in Department of Computer Science, GC University, and Lahore. To make this day memorable and unforgettable IEEE Team

celebrated it with cake cutting ceremony and workshop on Windows 8 Application Development. In the End Certificates of Appreciation were given to Old IEEE members.

Softronix'13

Softronix includes different re-creational, Electronics, IT , and Arts events but the major part of this event is to provide platform for young entrepreneurs by inviting some of the leading entrepreneurship firms. The event started with a lecture by “Bilal Kuttab” followed by the lectures on Wireless connections by Mohsin Mehdi and IT lecture by Mrs. Toshiba. Events like Speed Programming, E-Olympiad (E-Gaming), Go and get it and Min to Win it were held.

Programming Competition

In this male dominant field it is very difficult for a female programmer to show her skills. To encourage women in programming we held Programming Competition in which surprisingly, a lot of female students participated.

WIE day at UET

IEEE-WIE GCUL branch also celebrated WIE day held in UET on 23rd of June. Where 40 minute recreational activity was arranged by GCUL- WIE.

WIE best group photo

IEEE-WIE GCUL branch participated in WIE best group photo competition. The theme was to show the unity and empowerment of women and it was between all the branches of WIE but GCUL –WIE won.

Leadership Workshop at PGWC'13 at MUET Jamshoro

IEEE- GCUL participated in PGWC'13 where speaker from their side were Dr Nazir, Masters in Computer Science with a Gold Medal delivered a workshop on leadership.

WIE Lahore Congress '13

WIE Congress 2013 was recently held at government College University Lahore where WIE Branches from various institutes were invited. IEEE-WIE Infinity Group 203-14 was formed. At the end, souvenirs and awards were presented to members WIE and the guests.

B.4.6.IEEE UCET IUB Activities 2013

IEEE UCET IUB is an active student student chapter of Lahore Section. In 2013, tis chapter contributed a lot in the field of research and development through following events.

4TH IEEE AEPEX :

The ANNUAL ENGINEERING PROJECT EXHIBITION was the biggest event held by IEEE UCET-IUB. This event not only had more than 80 projects related to Electronics and Computer Systems Engineering , exhibited but also included 3 researches which were published in international conferences of IEEE.

IEEE WEEK 2013:

To increase the trend of reading and particularly the technology based one among students, with the purpose to enhance knowledge in the chosen field, the IEEE Week was celebrated from 1st to 7th January, 2013 by displaying IEEE Spectrum in libraries of UCET.

IEEE UCET IUB EXECUTIVE BOARD MEETINGS:

To plan future events and to workout strategies to solve any existing problems IEEE UCET-IUB held meetings on:

- 18th and 25th February, 2013
- 11th March, 2013
- 22nd and 29th April, 2013
- 22nd May, 2013
- 10th September, 2013
- 29th October, 2013

WORKSHOP ON SOFTWARE DESIGNING

IEEE UCET-IUB arranged a one day workshop on 19th March, 2013

The contents of the workshop were:

- Familiarizing with Object Oriented Software Engineering
- Designing correct UMLs of Software
- Implementing UMLs in Rational Rose Enterprises®
- Integrating UMLs & Code Generation from Rational Rose Enterprises®

IEEE Motivational seminar & IEEE Orientation:

IEEE UCET IUB conducted a one day seminar on CAREER OPPORTUNITIES and IEEE ORIENTATION on 23rd March, 2013. Engr. Muhammad Saqib Jamil, Founder & chair at IEEE RDPP (Research development program Pakistan) in his seminar, aptly conveyed to the students the basic information about the IEEE, its benefits one can achieve and how to use IEEE as a platform to nurture ones skills and develop career.

IEEE UCET IDEAS COMPETITION:

A competition was held in which the students were to submit gob-smacking ideas that could help change the world. The top 3 ideas were even submitted to Government Think Tanks.

SEMESTER PROJECT EXHIBITION SPRING, 2013:

An exhibition was arranged for telecom 2012-2016 sessions students.

Opening of IEEE COMSOC society:

To provide the telecom students with a platform to work and excel in their field IEEE UCET IUB led to the formation of IEEE Communication Society.

IEEE COMSOC advisor: Dr. Professor Ashiq Hussain

IEEE COMSOC advisor (Female): Engr. GhulamFizza Shah

COMSOC Chair: Mr.EhsanZubair 12TC.

OPENING OF IEEE PES (POWER & ENERGY SOCIETY) SOCIETY:

Similarly, a society dedicated purely for power students was formed by IEEE UCET IUB .

IEEE PES Advisor: EngrRasoolBux

IEEE PES Chair: Muhammad UmerFarooq , 10EL

STUDENT PROFESSIONAL AWARENESS VENTURES (SPAV):

To develop an awareness of the engineering professionalism IEEE UCET IUB conducted the first SPAV event in Pakistan.

The following events were conducted under SPAV:

- EFFECTIVE COMMUNICATION SKILL
- MOCK INTERVIEWS
- RESUME WORKSHOP
- NEGOTIATION SKILLS

WATER ROCKET TEACHERS TRAINING WORKSHOP:

Engineers form SUPARCO gave a presentation on the basic purpose of arranging the workshop and then demonstrated how to build a water rocket. IEEE took the initiative to let others learn the same by demonstrating the same to students of University Model School IUB.

IEEE SEMESTER PROJECT EXHIBITION 2013, PHASE 2:

After the success of Phase 1, IEEE UCET IUB organized the phase 2 of project exhibition which again gained the same positive response.

IEEE COMSOC QUIZ:

An IEEE COMSOC quiz contest was held on 12th December and a sum of Rs. 6000 was set-up for the winners.

IEEE IT AWARENESS SEMINAR:

Mr. Faisal Mumtaz, Center Manager APTECH, representing Aptech Computer Education, Bahawalpur gave a seminar on IT awareness.

WIE ORIENTATION:

IEEE WIE IUB arranged a motivational seminar thus highlighting the benefits for women by being an IEEE member and then the ways to use it as a platform to enhance their skills and develop career.

B.4.7.IEEE LUMS Activities 2013

Orientation

Society orientation for freshman year students. ExCom introduced the society's objectives, recruitment procedure and its event plan. Took place in SC-3.

First Lego League

A robotics competition was organized in collaboration with STARFALL. Students from schools all over Lahore were invited. They were given training and made to attend sessions held before the event. The final event comprised of robotic games carried out on arenas as well as presentations and other evaluation sessions with judges. The event was hosted in the SSE building and the dinner was served at EDH (Executive dining hall).

3minute madness

Presentation series by LUMS faculty members where they presented their research. Every presenter had 3 minutes to speak which made the event both fun and a source of knowledge. The event took place at SS auditorium LUMS.

FoTL (Faculty on the line)

A fun competition where faculty members took part in game shows. The event was two hour long and took place in central courtyard at LUMS.

B.4.8. IEEE-NFC Activities 2013

NFC organizes and participates in many technical seminars, competitions, expert lectures, project exhibitions, industrial tours and many such events on the platform of IEEE.

Participation in NEO'13 (National Electronics Olympiad)

IEEE NFC participated in NEO'13 which was held in GIKI on 8th Feb 2013. IEEE NFC students took part in two competitions with their full enthusiasm and dedication; 'Speak it up' and 'Ethics Competition.' IEEE NFC grabbed **3rd position** in Speak it up Competition.

Inauguration of new IEEE NFC and WIE cabinet

On 16th of January 2013 the inauguration of the new IEEE and WIE NFC-IE&FR cabinet was held at auditorium of NFC under the supervision of Madam Asma Adeel, the branch counselor of IEEE-NFC

Promotional Seminar

The purpose of the seminar was to tell the new comer students about benefits of joining IEEE. Again, madam Asma Adeel addressed the audience.

Project Exhibition

IEEE and WIE NFC organized a project exhibition. It was inaugurated by Mr. Tahir Raza. The position holder teams were awarded with certificates during the event.

Gaming Festival

IEEE NFC organized a gaming competition in which the students of other institutes were also invited.

Woman's Day 8th March, 2013

WIE NFC-IEFR Student Branch organized a grand event WOMEN'S DAY. The main motive was to show how strong a Woman can be and how she can prove her existence in this society so the theme was "MAI HUN MAI BHE HUN". Various technical and non-technical competitions were organized like video competition, poem recitation, video armed forces, photo easy competition, technical quiz competition and short skits.

Online Technical Article Writing Competition

In March IEEE NFC organized its first ever online Article competition. Number of IEEE Branches participated in it and its main purpose was to awake the students and to motivate them in taking interest in upcoming advancements in technologies.

Participation in Digi Sketch Online Competition

IEEE GCUL organized Digi Sketch Online poster competition on 19th March 2013. The main purpose to organize this event was to enhance thinking capability of the students and to show up their talent regarding expressing their unique ideas. The results of this event were announced on 1st April and this time again IEEE NFC got first position in this event.

Participation in TechHawk,13

IEEE NFC participated in TechHawk'13 season 2 organized by IEEE TUF on 7th and 8th May,2013. In this event IEEE NFC made remarkable performance in various competitions and got first position in Speed wiring Competition, 2nd position in C.S 1.6 and Chairperson IEEE NFC was awarded for outstanding contribution in this event.

Innovation Expedition 13

IEEE NFC organized online video competition and the name of this competition was "IEEE NFC INNOVATION EXPEDITION'13".

Collaborative event with Youth Studio

Youth Studio is being created to inspire, educate and empower youth so that they can unleash their potentials and realize their dreams. IEEE NFC decided to conduct a collaborative event with youth studio

Participation in Project Competition 13

All the branches of IEEE Lahore Section participated in project competition held in BNU Lahore on 29 July 2013. The best projects selected from NFC were:

1. Surveillance spy robot with camera eye, laser gun and land min detection
2. Study and implementation of distributed control system for process control
3. Design and implementation of movement replication system for a wireless robotic arm with Omni directional video surveillance

IEEE Day Celebrations

This year IEEE NFC celebrated IEEE Day in collaboration with IEEE TUF.

S-Pave Seminar on Thesis Writing Methodology and Research Papers

This seminar was arranged on 12th September 2013. The main purpose of this seminar was to create the skills of thesis and research paper writing for engineering students.

S-PAC in NFC

S-PAC is abbreviated as Student Professional Awareness conference. This is the program initiated by IEEE USA and now was first time arranged in NFC.

Mega Event- TechnoWar 13

IEEE NFC organized IEEE NFC Techno war 2013 on 3rd October, 2013. This interactive competition combined technical input, personal effectiveness and practical hands on experiences. Some important competitions held were, Techno Brain, Speed wiring, Mind wobble, Shake the brain, Mill the skill, Boom strike, Pace Race, Future Ideas, Ideas Extreme, T-shirt designing, Snap the shot, Photo essay, Wild salvage and Shoot the Shot.

Lecture on Energy Crisis

On 10th November 2013 IEEE NFC arranged a lecture on energy crises. Sheikh Muhammad Ashraf, Chief Engineer FESCO delivered a lecture for the solution of these crises that how engineers can solve these crises.

Symposium on Renewable Energy

This event was organized on 25th November, 2013. In this seminar, IEEE NFC invited many industrialists. They elaborated the current energy crises in Pakistan and their solutions.

B.4.9.UET Lahore Activities 2013

IEEE UET is responsible and well known for organizing huge and successful events. In the year 2012, this was the most active branch of Lahore section. This year as well the students worked with same zeal and zest but I must say that much more efforts were put, new initiatives were taken. Details of some of the beneficial events held under IEEE UET are given below:

Informative Workshop

3 day informative workshop was conducted by documentation committee. Muhammad Talha Ahmad, UET Alumni of 2008 Electrical, one of the best UET graduates was the skillful instructor who delivered the knowledge regarding the language tests like IELTS GRE and TOFFL on the first day. On 2nd day the object of discussion was graphology, an intriguing topic; the art of deciphering the personality traits just by looking at the hand writing of a person. On 3rd day, methods of penning down CVs, cover letters and SOPs in efficient ways were discussed.

Talk on Embedded System

A talk on Embedded System by Mr. Zeeshan Altaf was held at the start of year 2013. He gave a basic presentation about embedded systems and their applications. He started off with an introduction to embedded systems, describing the components which constitute it and where in the industry embedded systems are employed. He encouraged the students to pursue a career in this quickly expanding field of embedded systems.

Android Application Development Workshop

IEEE UET Lahore presented the 3-day Android Application Development Workshop. Android basics like architecture, projects, deploying them on emulator and devices were discussed. Light was also thrown on API components and UI elements. Mr Basit from Eccentrica Technologies was the trainer. Students were encouraged to make apps and the best ones would be published under the tag of Eccentrica Technologies and also can be affiliated with e-DirAP.

Wireless Communication Workshop

A workshop centered on wireless communication, its basic concepts and applications was organized by IEEE UET. The two day workshop was conducted by Dr. Muhammad Ali Imran and centered on the topics of wireless channel physical modeling, MIMO OFDM, multi-input multi-output communication, diversity, multiplexing trade-offs and cooperative cellular communication.

IEEE Day

On 1st October 2013, IEEE Day was celebrated around the globe in full bloom and UET played a vital role in promoting it. The theme set up for this year's event was "Leveraging technology for a better future". A ceremony was held in KICS seminar hall in which some seniors and Dr. Waqar Mehmood briefed the students regarding the need of technological innovation with respect to the ease of access for the masses followed by the distribution of shields among previous EX-COM and B.B.Q.

SSR Selection

Omar Ashraf Chaudary from IEEE-UET was elected for the post of Section Student Representative of IEEE Lahore Section.

Embedded System Workshop

WIE IEEE-UET has recently conducted a two day workshop based on Embedded Systems with the help of Mentor Graphics, a renowned software house in Pakistan. Mr. Zeeshan Altaf, Senior Operations Manager, at Mentor Graphics, was invited as the presenter.

3G Workshop

In order to keep the students updated with the latest trends in mobile telephony and broadband communications, the Communications Committee IEEE UET, Lahore, organized a seminar on the "3G Technology" at KICS Seminar Hall on 19th November, 2013. Dr syed Aun Abbas, a graduate from UET and Master's and PhD from Carleton University, Canada was the keynote speaker.

UGRAD seminar

A seminar on outstanding opportunity for undergraduate students to study one semester in reputed US Universities fully funded was arranged in EE department by the efforts of IEEE UET on 21st November 2013 by Mr. Waleed from 2009 session EE UET..

ICOSST- Steer Your Career

ICOSST in collaboration with IEEE UET Computer Society held a seminar in Library Seminar Hall on the topic 'Steer your Career'. IEEE Computer Society is founded this year and it was the first event held by it which went extremely appreciative. Mr. Moazzam (Product Management Director at Oracle Corporation and until recently was president of OPEN Silicon Valley) , Mr. Muammar (IT services head at Warid Telecom) and Mr.Usman (Technology head at Techlogix), UET graduates, were the speakers of the seminar.

Electromagnetic Compatibility Issues Talk:

On December 18th, 2013 the respected professor of Electrical Engineering Department volunteered in helping IEEE UET's mission to create as much awareness as possible in the students about researches going around the world in the field of electromagnetism.

Research Methodology Tutorial:

On December 18th, 2013 Dr. Israr ul Haq Sheikh explained how to start researching on an emerging and most talked about stuff. He advised about its documentation and how to work on it in great details. This session was eagerly attended by MS students along with the undergraduates.

Engineering Optimization Talk:

On December 18th, 2013 Dr. Kamran explained in detail about the scope of Engineering Optimization which is the subject which uses optimization techniques to achieve design goals in engineering.

INMIC

16th International Multi Topic Conference was held in UET Lahore by the efforts of IEEE UET. It was the biggest event of IEEE event this year. Opening ceremony was in chemical seminar hall on 19th December and after that 8 sessions were conducted in the department where the registered researchers from all over the world presented their research papers in front of a panel of experts from every nook and corner of the world. Dr. Naeem Ayyaz, chairman of Department of Electrical Engineering in UET was the main event organizer and Dr. Asghar Saqib was the General Secretary. People from all the student branches of Lahore section attended it. Chairman IEEE Lahore Section was one of the chief guests. A lot of other technical activities went hand in hand in this 2 day event. Scrumptious lunch and tea were presented in university on both days and dinner was in a restaurant at MM Alam Road. This knowledgeable event ended up giving a lot of new fronts to think on, not only to the students but also to the experts around the globe.

Probability Lecture:

A lecture about applied probability and statistics on December 26th, 2013 was delivered by Dr. Saleha Habibullah professor at Kinnaird College. The highlight was her research work at "self-inverse in unity" distribution theory.

Documentation Committee Tutorials:

The need for polishing communication skills and increasing general level of spoken and written English is inevitable. Keeping that under consideration, Documentation Committee has been carrying out interactive sessions in which discussions on general knowledge take place.

Publicity and Social Media Committee Tutorials:

Tutorials about adobe photoshop were held by publicity committee to make members proficient in softwares that help in publicizing events conducted by IEEE UET Lahore.

IEEEXtreme Competition:

The 24-hour global online coding marathon was held on 26th October, 2013. The event was arranged in different universities and institutions by the corresponding IEEE student branches. IEEE UET Lahore Student Branch also played its role and made arrangements in Al-Khawarizmi Institute of Computer Science Seminar Hall present inside the university premises.

WIE Events

WIE (Women in Engineering), IEEE is an affinity group that focuses on encouraging and bringing women, around the globe, into technical fields. It remained very active throughout the year 2013 and is responsible for organizing the following huge events.

ORIENTATION WEEK:

With the hustle and bustle of the upcoming session, IEEE UET branch followed its tradition and welcomed the freshmen whole heartedly. WIE, being an enthusiastic part of IEEE also contributed towards this event. Along with this, the new batch was introduced to the various technical and non-technical societies in UET, the events conducted along the year, the facilities provided to them on campus and the potential difficulties they may face while their stay here

Wie day

WIE, organized “**WIE DAY**” to celebrate the creation and purpose of the society, i.e. to empower women in the field of technology. WIE, IEEE UET decided to make **WIE DAY** special by inviting all the branches of **WIE** in Lahore region. It was a wonderful experience, since all the WIE braches in Lahore came together and discussed their ideas and plans for the future.

WHY Engineering Project

The biggest event held by WIE IEEE UET this year was Why Engineering project. Its basic theme was to familiarize the school girls with engineering and to invite them to opt for engineering as their career. WIE UET targeted 3 schools, Govt Comprehensive Girk High School Wahdat Road Lahore, Govt Girls High School, Iqbal Town Lahore and Queen Mary Girls High school. Except delivering a presentation, a fun activity was conducted among students and they were requested to draw their theme of life on the charts provided by WIE. Winners were awarded with certificates and chocolates.

WIE Congress

WIE IEEE UET won two prizes in WIE Congress held in GCU Lahore. Both the prizes of ‘Largest Event’ and ‘Best event’ were given to the WHY Engineering Project and one of the representatives of WIE IEEE, Rohma Khalid was made the SSR of whole Lahore Section WIE which was a huge success.

B.4.10.IEEE-TUF Activities 2013

To provide students with the hands-on experience and knowledge outside a typical classroom setting IEEE-TUF Branch conducted the following activities in the year 2013:

Orientation

Treading on the path stipulated by IEEE to encourage and motivate freshers and those oblivious of the perks of being its member, an orientation session was held at The University of Faisalabad headed by Pro Rector Dr. Abdul Karim Baloch, Hammad Armghan, Chair and Mubashir Hussain, Vice Chair IEEE TUF.

TechFest Season 2

To ensure a frisky participation of students with the start of new year a small event named TechFest Season 2 was held comprising of the following three contests:

- Snap Seed
- Fungama
- Mathlete
- Gaming Mania (CS 1.6 & NFS MW)

Tech Hawk Season 2

To give students with a chance to showcase their talent a national level event with a major participation from all over Punjab was held on 7th and 8th may, 2013.

Different competitions that took place under the event were:

- Speed Wiring
- Turbo Texting
- Mind Buzz
- Sketching (Doodling)
- Circuit Designing
- Mind Beam,
- Escape From Snake
- Gaming Mania
- Catch The Pixels
- Innovative Engineering Ideas
- Lock The Blocks
- Posterica
 - Fungama
 - Prison Break
 - Mathelete

Workshops

Following successful workshops were also organized:

- Introduction to Proteus and Visual Studio
- Introduction to Micro Controllers and it applications
- Energy Portfolio

Recreational Trip To Northern Areas

To foster a love of learning in students by taking break from hectic routine and inducing peppiness in them, IEEE-TUF arranged a recreational trip for IEEE-TUF SB Ex-COM and members.

E-Gaming

For gamers an inter-university gaming contest was held, with the following games included:

CS 1.6, NFS MW, FIFA and Tekken 3.

IEEE Day 2013 Celebration

IEEE-TUF branch celebrated IEEE Day 2013 with IEEE NFC SB, with ceremony being held in The University of Faisalabad.

Events Participation:

IEEE-TUF not only did hold but also spryly participated in different events held in different universities.

- IEEE Technovate 2013
- UET Lahore (KICS) in eDirAP
- IEEE NFC Technowar, 2013
- PSGWC 2013
- Technology Fair'13 and Industrial Expo-GCUF
- All Pakistan Gaming Event IST

B.4.11.IEEE UMT Activities 2013

Since this student branch is recently reformed in October 2013 so upto now they have arranged just 2 events in their branch.

Kontesto' D Brain Clash II

A two day event named as 'Kontesto' D Brain Clash II'. It was a two day event and its module was:

1. Speed wiring
2. Speed programming
3. Quiz competition
4. Gaming Mania

MATLAB Workshop

Within the mean time they arranged MATLAB Workshop by Prof. Khan M.Nazeer Under the flag of IEEE UMT student chapter. All the students of workshop were awarded with the certificates.

For the upcoming year they are planning many events including inter Lahore competitions, inter Punjab competitions and different workshops.

B. 5 Chapter Activities

B5.1 Computer Society Activities 2013

IEEE Computer Society has conducted and provided technical assistance and guidance for various activities throughout year 2013. It has arranged instructors for Android and other computer software trainings besides telecom and network courses. In addition, IEEE Computer Society Lahore Section has coorganized a number of computers and IT related events together with Al Khawarizimi Institute of Computer Science and Government of Punjab. These events were co-sponsored by UET Techno-Fest, Punjab Youth Festival, ICOSST 2013 and OSSW 2013.

This year IEEE has technical co-sponsored the 7th International Conference on Open Source Systems and Technologies (ICOSST-2013) with Al Khawarizimi Institute of Computer Sciences UET Lahore. Furthermore, the Open Source Series Workshops (OWSS-2013) and Open Source Projects Exhibition (OSPE-2013) were also technically assisted and co-organized.

B5.2 Communication Society Activities 2013

The **IEEE Communications Society** is a community comprised of a diverse group of industry professionals with a common interest in advancing all communications technologies. To that end, the Society sponsors publications, conferences, educational programs, local activities, and technical committees.

B. 6 Affinity Group Activities

B6.1 GOLD Activities 2013

IEEE GOLD Lahore Section affinity group conducted many activities in 2013.

IEEE GOLD Congress

Some GOLD members participated in the Student/GOLD/WIE Congress in India

B.6.2 WIE Lahore Activities 2013

In addition to many activities throughout the year, IEEE WIE affinity group arranged a WIE Lahore Section Congress in the GCU Lahore, that was well attended.

PART C -GOALS AND PLANS

C. 1 Goal(s)

1. Drive Technology for solving problems of society and humanity
2. Dissemination and Sharing of Knowledge for collective benefit
3. Develop Professional Values
4. Strengthen Industry-Academia Linkages

C. 2 Detailed Implementation Plans

1. Organization of Professional Development Activities
2. Bring together members in different institutions
3. More active support for the student branches.
4. Develop closer ties with R10 management.
5. Increase membership through a concerted drive and activate dormant members
6. Offer value for membership.
7. Effective use of web presence for realization of goals
8. Invitation to industry professionals
9. Developing Calendar of Events and Activities

PART D -OTHERS

D. 1 Special Events

The following were the special events held by **IEEE Lahore Section during the year 2013:**

- IEEE Student Project Competition (June 2013)
- Participation of Lahore Section Students in IEEE R-10 Student/WIE/GOLD Congress 2013 held, in India.

D. 2 Problems Anticipated

The following problem could be anticipated:

- Resource constraints in organizing events.