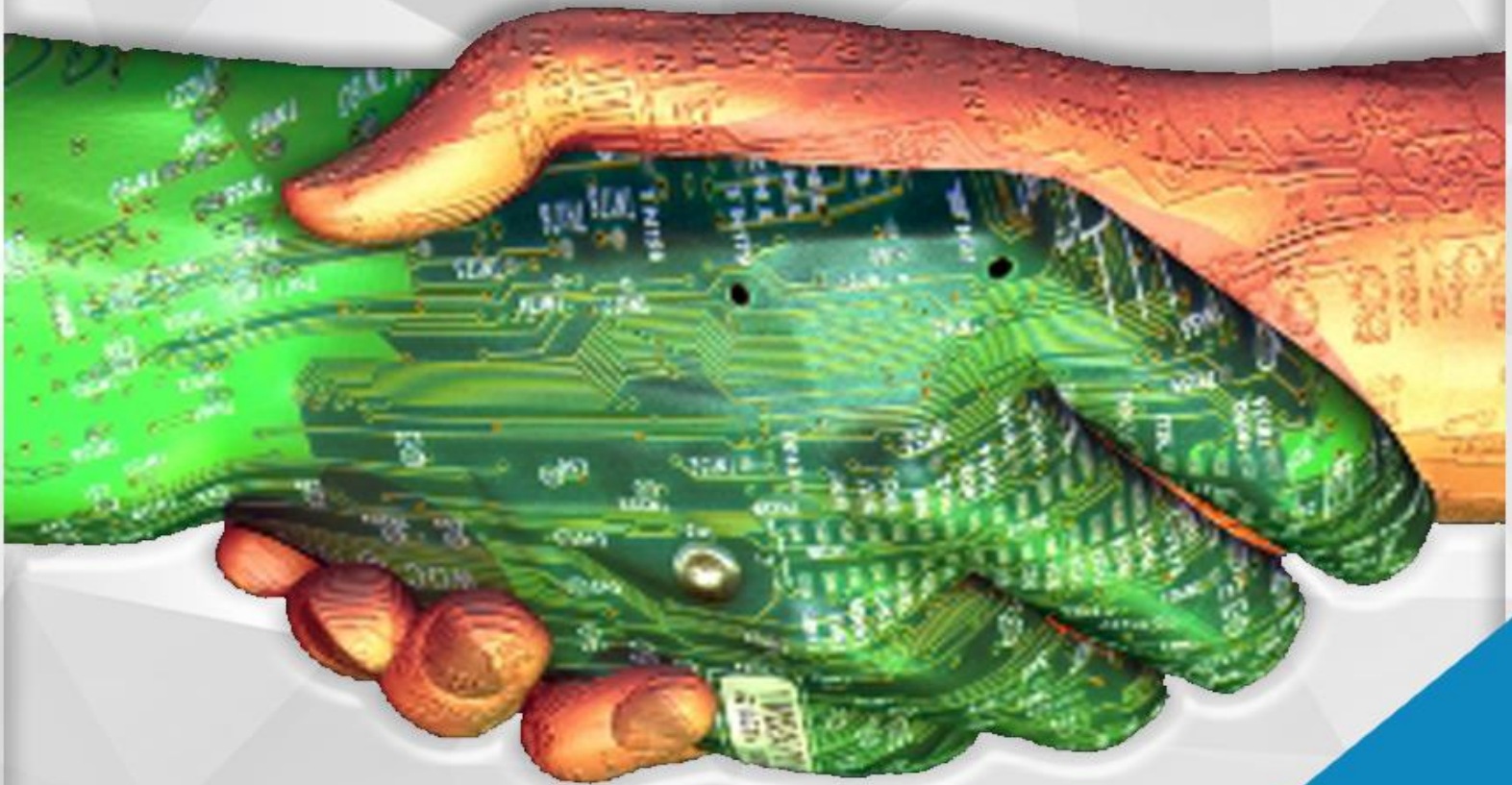




**IEEE**  
UET TAXILA BRANCH



# NEWSLETTER 2015

Advancing Technology for Humanity



# **CONTENTS**

<b>Sr. No.</b>	<b>Title</b>	<b>Page No.</b>
<b>1</b>	<b>About Us</b>	<b>03</b>
<b>2</b>	<b>Cabinet 2015</b>	<b>05</b>
<b>3</b>	<b>Counselor's Message</b>	<b>06</b>
<b>4</b>	<b>IEEE Chair Message</b>	<b>07</b>
<b>5</b>	<b>WIE Chair Message</b>	<b>08</b>
<b>6</b>	<b>CES Chair Message</b>	<b>09</b>
<b>7</b>	<b>IEEE Events</b>	<b>10</b>
<b>8</b>	<b>WIE Events</b>	<b>25</b>
<b>9</b>	<b>CES Events</b>	<b>32</b>
<b>10</b>	<b>International Membership</b>	<b>35</b>
<b>11</b>	<b>University Membership</b>	<b>36</b>
<b>12</b>	<b>Achievements</b>	<b>37</b>
<b>13</b>	<b>IEEE Alumni</b>	<b>39</b>
<b>14</b>	<b>Calendar 2016</b>	<b>40</b>
<b>15</b>	<b>Contact Details (Facebook,Email,Website)</b>	<b>41</b>

# ABOUT US

## IEEE Student Branch UET Taxila

**IEEE SB UET Taxila is one of the most active and dedicated branch of Islamabad Section. Student Branches provide an opportunity for IEEE Student Members to begin networking in their areas of interest and future profession. There are over 3,000 Student Branches in over 100 countries, globally. From being the winners of the international photo contest to achieving 4 awards at annual general meeting 2015, IEEE SB UET Taxila has won the biggest awards in the history of UET Taxila.**

**“We just do not claim, we prove it.”**

# **CABINET IEEE STUDENT BRANCH UET TAXILA**



**Chairperson****Arslan Sadiq Sheikh****Vice Chairperson****Muhammad Anas****General Secretary****Muzaffar Hussain****Joint Secretary****M. Rameez Shaukat****Treasurer****Bilal Saqlain****IEEE WOMEN IN ENGINEERING AFFINITY GROUP****Chairperson****Laiba Jawed****Vice Chairperson****Nimra Sajid****General Secretary****Bisma Imtiaz****Treasurer****Bakhtawar Shahid****IEEE CONSUMER ELECTRONICS SOCIETY****Chairperson****Bahawal Sher****Vice Chairperson****Danyal Hussain****General Secretary****Dure Shahwar****Treasurer****Abdul Shakoor**

# Counselor's Message

Dear IEEE UET Taxila SB members, as we are signing off 2015, I feel really proud admitting that it has been truly wonderful and progressive year full of achievements and awards. It couldn't have been possible without the efforts and hard work of all the members and volunteers. Our members and volunteers have done untiring efforts and that is the reason everybody recognizes IEEE UET Taxila SB. They are our strength. Also, we are recognized due to the awards that we have won.

We have also initiated Consumer Electronics Society this year, under the umbrella of IEEE and I am really hopeful that IEEE CES will achieve its goals and reach to the highest ranks.

I look forward to further successes in the year 2016. I wish all the members a happy and successful 2016 and hope that this year would bring us more professional growth and wellness.



# *IEEE Chair*

## *Arslan Sadiq Sheikh*

“To build the correct IEEE brand to the correct audience”

IEEE Student Branch UET Taxila team deals with public relations, organizes on-campus events, manages online and offline campaigns. We strive to create an environment where each member has the most pleasant and energizing experience. IEEE connects with partnering countries, conduct coaching and provide assistance to exchange participants during and after their graduation. We work to make the experience of every student a special one. “Action speaks louder than words”, we do not only speak but prove ourselves by our work, determination and achievements. IEEE SB UETT has been awarded at section, national, regional as well as on a global level .I pray to Allah that may my juniors work hard and fully devote themselves for the betterment of our branch. Wishing everyone a happy and prosperous 2016!





# *WIE Chair*

## *Laiba Jawed*

IEEE & WIE student branch UET Taxila has made its name high in a very short time of last few years. There was a time when no one knew about IEEE SB of UETT but now everyone knows about our branch as the recipient of most awards both on the national and international level. For me it's an immense pleasure and honor to be a chairperson of WIE AG of IEEE UET Taxila. We have got the most dedicated and hardworking team without which we could not do anything. This whole year of 2015 was no doubt a very successful year in the history of IEEE SB UETT. I wish all the best to the future office bearers of this branch.



# *CES Chair*

## *Bahawal Sher*

It is a great pleasure for me to establish a chapter of Consumer Electronics Society under IEEE umbrella, as it is the first ever chapter of IEEE CES established in Pakistan. Our Vision is to make science fiction into reality. We want to achieve the real objectives of consumer electronics society as technological innovation in the field of electronics engineering – is accelerating at enormous pace. I would like to express gratitude to all faculty members and my fellow friends who helped me to establish the chapter.



# IEEE EVENTS

### IEEE Branch Chair Meeting

IEEE Islamabad Section Student Branch Chairs and WIE Chairs Meeting was planned at University of Engineering & Technology, Taxila. Official invitation along with Meeting Agenda was floated to all branches via email. Participation of all Student Branches under IEEE Islamabad Section was highly appreciated since this was a first meeting for year 2015.

Speakers were:

SSR: Mirza Qutub Baig

ASSRs: Mehak Saeed and Mujtaba Anwaar Chaudhary



### Graphics Designing Workshop

IEEE Student Branch UET Taxila in collaboration with IEEE Young Professionals Islamabad organized a workshop on graphics designing. Purpose of this workshop was to train the students about Poster designing, ID card formation and editing.

Speakers were: - Farukh Jamal and Ali Ashraf.



### Workshop on Arduino

IEEE Student Branch UET Taxila organized a workshop on Arduino. Purpose of this workshop was to inform about the basics of arduino and its applications so that students can get an idea for making their projects.





## First Cabinet Meeting of UET Taxila Student Branch

First cabinet meeting was arranged on the message of Chairperson. In this meeting future plans for next year were discussed and scheduled. Ex-COM'15 was also decided in collaboration of IEEE & WIE members.



## UET Taxila Ex-COM'15 First Meeting

IEEE Student Branch UET Taxila announced its new cabinet and Ex-COM 2015-16. In this meeting, cabinet members shared their experiences. Chairperson described the duties of executive members and also discussed the future events plan.



## IEEE TecKraze'15

IEEE Student Branch UET Taxila arranged the IEEE Week'15. This week was given the name 'IEEE TecKraze'15'. For this purpose a meeting was arranged to discuss about modules and events.



## LED Art

IEEE UET Taxila presented an exciting event "LED ART" in TecKraze'15.

The basic purpose of this event was to give participants an outstanding artistic as well as technical experience.

The core concept on which it was based is electrical wiring.



## RoboChallenge'r

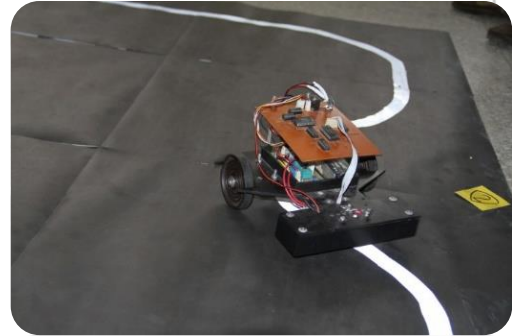
For the first time IEEE Student Branch UET Taxila in Collaboration with SIEP brought "RoboChallenge'r".

The event included two modules:

- 1) Robo-Tag (DLD logic based) Maximum 3 members /team
- 2) Robo King (Controller based) Maximum 5 members /team

Students from all the universities were invited.

IEEE Branches from Bahria, FAST, MAJU, COMSATS and Air participated in this event.



## IEEE Mania

IEEE Student Branch UET Taxila brought a mini carnival named IEEE MANIA. IEEE MANIA had the most exciting stalls that one can imagine. It included:

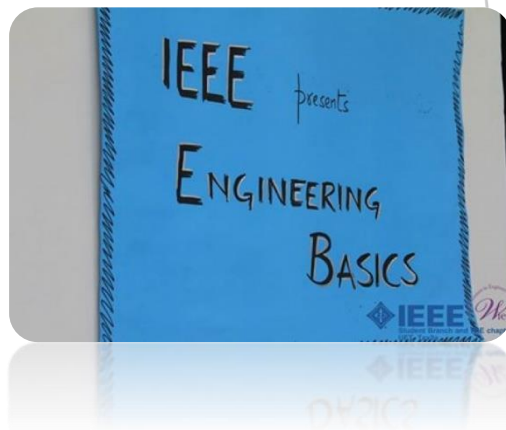
- Search the cities
- Basket Ball
- Through the holes
- Sink the money
- Balloon Cycle
- BINGO
- Lit the lights
- Selfie Booth
- Get Wet
- Culture dawn



## Engineering Basics

IEEE STUDENT BRANCH UET TAXILA presented a very different and enthusiastic Quiz Competition in TecKraze'15 under the title of 'Engineering Basics'.

A large number of students participated and tested their engineering skills. The quiz had two rounds and only those teams played the second round who had qualified the first round. The questions were related to engineering, analytical skills and IQ level and a portion of surprised round.



## Prize Distribution Ceremony of IEEE TecKraze'15

IEEE Student Branch UET Taxila organized IEEE TecKraze'15 from May 11th to May 15th. TecKraze'15 included six events in which above 450 students participated including other student branches.

Closing ceremony was arranged for the distribution of awards and certificates. Prof. Dr. Gulistan Raja, counselor of IEEE UET Taxila and Chairman of Electrical department Prof. Dr. Ahmed Khalil were invited as the chief guest.



## Farewell

Farewell was arranged for the seniors of IEEE UET Taxila by the junior members as they were getting graduated thus leaving the university and heading towards next step of professional life. Senior members shared their views and experiences. They advised the juniors for future successes. Our seniors left a lot of memories. Best of Luck to all of them for their future.



## Annual General Meeting UET Taxila

Annual General Meeting was organized by UET Taxila in which seniors were given shields as an appreciation of their yearlong contributions for IEEE. Prof. Dr. Gulistan Raja, the counsellor of IEEE UET Taxila appreciated there activities. Senior Members shared their experiences. IEEE UET Taxila is thankful to them.



## Meeting on Mentoring Session for Overseas Pakistanis

Chairperson IEEE UET Taxila, Mr. Arslan Sadiq Sheikh lead meeting in Saudi Arabia for the overseas students residing in Jeddah at Pakistan International School, Al-Aziziyah.

Meeting was held with the Principal Mr. Mohammad Bilal in collaboration with the engineers and a junior member. Chairperson shared the plan of future mentoring sessions for the students. Those sessions will be based on guideline for the opportunities offered by universities of Pakistan in different fields, admission procedures, documents requirement for overseas and preparation of entry test.



## IEEE Academic UET Taxila

IEEE Student Branch UET Taxila has initiated IEEE Academic Project.

A meeting was called in which planning and its execution was discussed. The plan includes video lecture recording by the faculty of all departments in which teachers of all grades will record the lectures for the students of all over the world to make the access of knowledge easy for every one online.





## UET Taxila Meeting with CIIT Wah

IEEE Student Branch UET Taxila invited officials of IEEE CIIT WAH for a meeting at UET.

Purpose of this meeting was to guide them about how to run and boost new IEEE branch, how to manage the events and to motivate new members. Officials of IEEE Islamabad Section were introduced and Invitations for future events were exchanged.



## IEEE General Body Meeting

IEEE Student Branch UET Taxila organized a general body meeting. The meeting consisted of an interactive session arranged for all members in which they were asked to introduce themselves to audience and to share their ideas and important moments of life and also to share their suggestions for future events. Proper planning was made to make future events successful. Members were reminded about their duties and assigned tasks for the betterment of branch.



## Workshop on RF-transceiver Designs

IEEE Student Branch UET Taxila organized one day workshop on RF-transceiver Designs. The speaker for the seminar was Engr. Saqib Ali. The seminar was divided into two sessions.



## Session 1

Introduction to RF&MW (A specialized domain of Electrical Engineering) and its applications.

Necessity and Inspiration to RF&MW.

Introduction to RF-Active and Passive Devices Satellite and Radar RF-Frontend.

## Session 2

RF-Amplifiers Filters Designing using ADS tools.

Resonators, Oscillators and Mixers Theory and Design.

Impedance Matching using Smith Chart Tool in ADS.

Introduction to Antennas and Antenna Arrays.

At the end of the workshop Speaker shared his experiences with the students.

## Seminar on International Admissions in Masters

IEEE Student Branch UET Taxila organized a seminar on International Admissions in Masters for the students who are applying for abroad. The speaker for the seminar was Syed Husnanin Tanwer Kazmi.

The seminar covered detailed discussion about how to choose a foreign university and an international study program, how to prepare documents and how to incorporate good writing skills to achieve a good scholarship or admission. At the end of the workshop Speaker shared his experiences with the students.



## IEEE Day 2015

IEEE day 2015 was celebrated very enthusiastically by IEEE SB UET TAXILA, it was the 6<sup>th</sup> edition of IEEE Day. Celebrations commenced with the recitation of Holy Quran. Branch Chair shared the Awards that had been received at PSYWC'15 and also appreciated the cabinet and the entire team for their energetic work. Afterwards Muhammad. Anas, Muzaffar Hussain, Bilal Saqlain and Laiba Jawed delivered motivational speeches to the members for their industrious efforts, new upcoming events were discussed. Celebration was concluded by Cake cutting ceremony and Group Photo.



## IEEE Membership Retention Drive

Growing retention in an association takes a lot of energy from all aspects of operations. Marketing typically gets the brunt of the responsibility for members to keep them engaged, but a true retention strategy contains efforts from all disciplines inside the association. No single department can be responsible for the full engagement of a member. Once a member is a part of IEEE, they touch communications, member services, events, etc. Their experience in all of these aspects of an association drives the retention of that member.

IEEE Student Branch UET Taxila for the retention of members, this year offered memberships of different societies with the printed Spectrum along with the renewal of membership. Some new initiatives were introduced to them that attracted them and showed a great interest to retain their membership. IEEE WIE UET Taxila and IEEE CES UET Taxila are becoming stronger than before and new chapters are going to be started in UET Taxila very soon to give opportunities to members to enhance their technical, managerial and communication skills.



## IEEE Student Branch Training Workshop

IEEE Student Branch UET Taxila organized a training workshop for their members to make them aware about how to lead a Student Branch, utilize the benefits offered by world's largest society in different fields and to provide them professional training which will help them in future. Key points relating to report writing, email writing and how to organize an event from planning phase to execution were thrown light upon.

IEEE Souvenirs were distributed among the members as an appreciation for their dedication towards IEEE.



## Ice Breaking Session with Freshers(2k15)

IEEE & WIE Student Branch UET Taxila warmly welcomed 2K15 at UET Taxila. An interactive session for freshers was organized to make them aware about World's largest Society in the world.

Participants were addressed about the benefits of IEEE and they were entertained with different activities to make the session more interactive. IEEE souvenirs were given as an appreciation upon their great response towards the session.

Motivational experiences were shared with newcomers by the executive and extended body.





## Global Undergraduate Scholarship Program

IEEE Student Branch UET Taxila and IMechE Student Chapter UET Taxila organized a collaborative seminar on "Global undergraduate Exchange Program and its Application process".

The purpose of this seminar was to make the students aware of lifestyle in US, its importance, documentation including deadline.

A Panel discussion was arranged and queries were entertained by the Alumni Global UGRAD Program.



## IEEE Orientation in Computer Engineering Department 2015

IEEE & WIE Student Branch UET Taxila for the first time organized an Orientation session in Computer Engineering department.

The session was a formal presentation with informal interactive session with the newcomers. Freshers were informed about the benefits and exposure that IEEE provides to the students and its members at every level i.e undergraduate, graduation and professional level.



## IEEE Orientation in EE+CS Departments 2015

IEEE & WIE Student Branch UET Taxila organized an Orientation session for 2K15 in Electrical Engineering and Computer Science Departments. Students were informed about the benefits, opportunities, support center, chapters and success stories of IEEE & WIE Student branch UET Taxila.

Personal Experiences and worldwide importance of IEEE Membership was shared with them. Fresher's interest and enthusiasm was great.



## IEEE Orientation 2k15 in Electronics Department

Orientation session with 2K15 was organized in Electronics Department by IEEE Consumer Electronics Society. Students were given a brief introduction about IEEE, IEEE WIE & IEEE CES, memberships, benefits, chapters and opportunities. We had interactive session with new comers, shared ideas and success stories and also motivated the new comers to become an international member.



## IEEE Orientation in Telecom Department 2015

WIE & IEEE Student Branch UET Taxila organized an orientation Session in Telecom Department for the students of 2K15.

Students were briefed about the IEEE membership, benefits, trips, professional grooming and achievements of IEEE& WIE Student Branch UET Taxila. To motivate them, personal experiences were shared.



## IEEE Orientation in Software Engineering Department 2015

IEEE & WIE Student Branch UET Taxila organized an orientation session in Software Engineering Department for the students of 2K15.

Students were briefed about the IEEE membership, benefits, trips, professional grooming and achievements of IEEE & WIE Student Branch UET Taxila.



## IEEE Membership Recruitment Drive

IEEE & WIE Student Branch UET Taxila organized the membership recruitment drive for which interviews were conducted for two days. IEEE made the students eager to join it. A total of 250 students appeared for the interview from different departments including:

- Electrical Department
- Electronics Department
- Software Department
- Computer Engineering Department
- Computer Science Department
- Telecom Department

Interviews were conducted only for University Membership. 70 students were selected from 250 students on the basis of their skills and interview.





## Industry Academia Linkage

Every year IEEE Student Branch UET Taxila tries to take some new initiatives for the betterment of students. This year IEEE SB UETT came up with the idea of launching Industry Academia Linkage. IEEE Student Branch, IEEE WIE, Consumers' Electronics Society and IMechE UET Taxila organized an introductory Seminar on Purpose of Placement Office UET Taxila.



## Welcome & Oath Taking Ceremony

IEEE Student Branch UET Taxila organized welcome and oath taking ceremony for the new members on 3<sup>rd</sup> December 2015. In this ceremony new members interacted with the cabinet and executive and general members of IEEE SB UETT. Students also submitted a feedback by choosing their field of interest for future volunteer work. Oath Taking Ceremony was the main part of the event along with welcoming the new recruited members. Best Report Writing Awards were also given to the winners to acknowledge their hard work.



## How to Prepare for GRE

IEEE Student Branch UET Taxila and Placement Office UET Taxila organized a collaborative workshop with USEFP on "How to prepare for GRE".

This workshop covered the following two basic aspects:

- (1) USEFP Test Preparation initiatives for public sector universities.
- (2) Mentoring session focusing all aspects of GRE





## IEEE National Workshop on Novel Approach to LCA

IEEE Student Branch UET Taxila in collaboration with IEEE Islamabad Section Student Activities Committee organized 4 days National Level Workshop, A 3 CPD Point Activity, on Linear Circuit Analysis. Purpose was to strengthen the electrical engineering knowledge of students and faculty members.

The workshop covered core concepts starting from EM fields and wave theory to electric circuits.

100+ Students (senior year and graduate), faculty members, Head of Departments and industry practitioners from all engineering institutions of Pakistan participated.

Participants were from following universities/colleges:

- 1) LUMS
- 2) MAJU
- 3) SEECS NUST
- 4) NAMAL College Mianwali
- 5) Riphah International
- 6) CASE
- 7) APCOMS
- 8) EME,NUST
- 9) BUITEMS,Quetta
- 10) International Islamic
- 11) FAST Islamabad
- 12) AIR
- 13) COMSATS WAH
- 14) NFC Faislabad
- 15) Bahria
- 16) Superior College,Lahore
- 17) UET Taxila



# IEEE Women In Engineering (WIE) EVENTS

## Scholarship by Erasmus Mundus

IEEE WIE UET Taxila in collaboration with IEEE Pakistan Women in Engineering Forum (PWF) arranged a seminar on Erasmus Mundus. Mr. Rizwan Mumtaz was the guest of honor who is the representative of Erasmus Mundus, South Asian Chapter. The Erasmus Mundus program aims to enhance the quality of higher education and promotes dialogue and understanding between people and cultures through mobility and academic cooperation. While the Erasmus Mundus Program ended in 2013, Action 1 master and doctoral consortia and Action 2 partnerships will continue to offer scholarships for the next academic year and beyond. From 2014 onwards, new master consortia that will provide scholarship opportunities are selected within the new Erasmus+ program (2014-2020) for international higher education cooperation and mobility. Programs offered by consortia of higher education institutions help students with study/research periods in at least two European countries and also award scholarships for students and doctoral candidates to attend these programs. Students and doctoral candidates from all over the world can apply for these scholarships. The event covered the following aspects:

- How to hack Erasmus Mundus scholarships?
- How to go on exchange programs fully funded by EU?
- Startup of Aiesec in UET Taxila



## EE Trove

IEEE WIE UET Taxila brought the most exciting version of EE Trove this year.

The participants were given the clues at the start of the event. They were given some interesting tasks. The teams completed a decided number of clues one by one through different routes while discovering EED side by side.



## Egg Drop

IEEE, WIE Student Branch UET Taxila presented Egg Drop Competition in TecKraze'15.

Competitors attempted to design a device that can keep a raw egg intact when dropped from a specific height. People implemented their innovative and creative ideas.



## IEEE Cares UET Taxila

IEEE & WIE student branch UET Taxila volunteers conducted the Ramadan activity under the IEEE Cares banner with the purpose of helping those who are in need and making Ramadan better for them. The ration packets were made which contained some of the necessary items and were distributed with the title of 'Ramadan gifts'.



## Mentoring Session with Intermediate Students

IEEE WIE Affinity Group University of Engineering & Technology, Taxila in collaboration with WIE AG College of Electrical & Mechanical Engineering (EME), NUST and WIE AG Pakistan Institute of Engineering & Applied Sciences (PIEAS) conducted a mentoring session for intermediate students of pre-engineering in Rawalpindi. The purpose of the session was to guide the students about different fields of engineering offered by different universities and mentoring them for a proper selection of field. They were also guided for entry test preparations for different universities. Due to keen interest shown by the students, volunteers also shared their experiences with the students so that they can have a broader perspective about everything that will be helpful for them. At the end of this session numerous queries of students were also answered regarding universities, fields and entry tests.





## Women Empowerment (Photo Contest)

IEEE WIE AG of UET, Taxila organized a themed photo contest in which female students submitted the pictures depicting women empowerment,

This photo contest was open for all universities

The winners were awarded with a certificate and a surprise gift from WIE branch.



## Prize Distribution Ceremony of Photo Contest

IEEE WIE AG of UET Taxila conducted an online photo competition under the title of "Themed Photo Contest" in which participants submitted pictures based on the theme of women empowerment.

The number of participants was large. Students participated from following institutions:

- Kinnaird College for Women University Lahore,
- Fatima Jinnah Women University Rawalpindi
- University of Engineering and Technology, Taxila



IEEE WIE AG of UET Taxila held a prize distribution ceremony in which our worthy ex-WIE chair Miss Kiran Abbass was invited as a chief guest to award the winners with certificates and gifts.

## WIE STAR Program at The Education school system, WAH

IEEE WIE UET Taxila conducted its second session of IEEE STAR program at The EDUCATIONISTS school system WAH. The session was commenced successfully.

In the IEEE Student-Teacher and Research Engineer/Scientist (STAR) Program the students were taught about the basic laws and concepts about the forces and motions and how they can be implemented on robots and latest technologies. Different activities were conducted there in school. Students were also shown some robots in order to inspire and motivate them.



## WIE BOOTCAMP UET Taxila

IEEE WIE UET Taxila in collaboration with Pakistan Women in Engineering Forum conducted the session of WIE BOOTCAMP. Ms. Kiran Abbas the Vice-Chair of PWF, the ex-chair of IEEE WIE UET Taxila and the award winner of global Most Inspiring WIE member was the guest speaker.

The session covered the introduction to the benefits of WIE, how to operate your student WIE AG from campus to Global WIE and WIE Executives Training.

Mr. Muhammad Talha Bilal the ex-chair IEEE UET Taxila and a member of young professionals also addressed the participants about the event reporting and opportunities offered by WIE forum. There was also an interactive session at the end in which queries were entertained.

Members from IEEE WIE AG of Military College of Signals NUST also participated in the event.



## IUSTAAD UET Taxila

IEEE WIE UET Taxila conducted a teachers' training session of IUSTAAD, a program initiated by IEEE WIE Pakistan Forum on MS word and MS Excel at Elementary Government School Taxila campus.

The basic purpose of this session was to make the school faculty aware of the basic computer technology and to get hands on training on MS Word and MS Excel.



## Session on basic writing skills and self-awareness

IEEE WIE UET Taxila organized a session on basic writing skills and self-awareness at Government boys' elementary school UET campus. Our worthy teacher Ms. Mariam Batool, from UET Taxila, an expert in technical writing and communication skills was the speaker for the session. The young boys of the secondary level were taught about the key rules for the perfect writing skills along with the guidelines which will lead them to the self-actualization.



## Cyber Tahaffuz

IEEE WIE UET Taxila in collaboration with IEEE PWF organized CyberTahaffuz. The speaker for the seminar was Engr. Zeeshan Qaiser.

Purpose of this seminar was to help young generation and especially girls to identify the risks they are facing while using Cyber oriented software, servers, sites and applications. The session was about all the cyber concerns (Cyber Bullying, Cyber Security for companies, Spams, Useful Software).



### Workshop on C/C++ (Workathon 7.0)

WIE AG of IEEE SB UET Taxila conducted its first phase of Pakistan Women in Engineering Forum (PWF) activity Workathon 7.0 Workshop on C/C++ under the theme "Hour of code." This event was conducted successfully under the supervision of Engr. Farzana Kousar with the motto that the only way to learn programming language is by writing programs in it.

The students were taught about the basic programming skills with practical implementation in C/C++ language.

The students were also provided with the brochures on programming languages that can be helpful for them in the future. At the end a queries session was also there so that students can clarify their concepts.



### Workshop on Digital Image Processing (Workathon 7.0)

WIE AG of IEEE SB UET Taxila organized its second phase of Pakistan Women in Engineering Forum (PWF) activity Workathon 7.0 (phase 2) "Workshop on Digital Image Processing" under the theme 'hour of code'. Engr. Ali Javed Asst. Professor Software Engineering Department UETT was the speaker for this event.

This workshop was arranged specifically for the third and fourth year students of Electrical, Telecom and Computer Engineering Departments so that they could gain knowledge related to the field of digital image processing. Both the theoretical and practical knowledge was shared by the speaker with students regarding DIP.





IEEE  
Consumer Electronics  
Society (CES)  
EVENTS

## Inauguration + Workshop on RTOS Based Embedded System

IEEE Consumer Electronics Society organized an orientation and workshop on Real Time Operating System Based Embedded System. Chairperson and General Secretary IEEE CES UET Taxila gave an introduction of IEEE and brief introduction about CES Chapter at Electronics department at UET.

The speaker for the workshop was Engr. Qamar Zaman. The workshop covered the basic introduction about embedded systems, general purpose of operating systems, real time programming, hard and soft real time systems and dynamic memory allocation in RTOS.



## Workshop on Circuit Simulation

Workshop on Circuit Designing and Circuit Simulation was organized by IEEE CES for 1st year students. Chairperson IEEE CES gave briefing on basic rules of circuit designing and IEEE CES team helped participants to sort out simulation queries individually. Workshop included the following points:

- Introduction to Circuit Designing
- Advantages of Simulation
- Installation of simulation software (Proteus 8.1)
- Briefing of tools inside simulation software
- Designing a circuit for testing
- Performing analysis on the circuit
- Tasks were given to participants which they performed themselves.



## IEEE CES Recruitment Drive

IEEE Consumer Electronics Society conducted interviews for membership recruitment drive. During the interview session, the students were motivated to join the society. Interviews were conducted for university membership only. There was a panel of 4 interviewers who conducted the interviews. About 40 students appeared for the interview.



## CEO Talk

IEEE Consumer Electronics Society organized a seminar on Entrepreneurship titled as "CEO TALKS". Mr. Syed Muhammad Raza CEO of System Technologies (sti.com.pk) shared his experiences and ideas about Entrepreneurship and motivated the Engineers towards innovation, new ideas, and business. He also guided how we can serve our nation by bringing business into Pakistan. A question-answer session was very helpful in removing the ambiguities of the audience.



## International Membership

IEEE Student Branch UET Taxila was founded by Syed Husnain Tanveer Kazmi and Talha Yasin. Keeping the trend of increment of Members in the world's largest Society, Muhammad Talha Bilal and Arslan Sadiq Sheikh reached to a number of **80 members** till 2015.

Year	2012	2013	2014	2015
Total Members	8	12	40	80

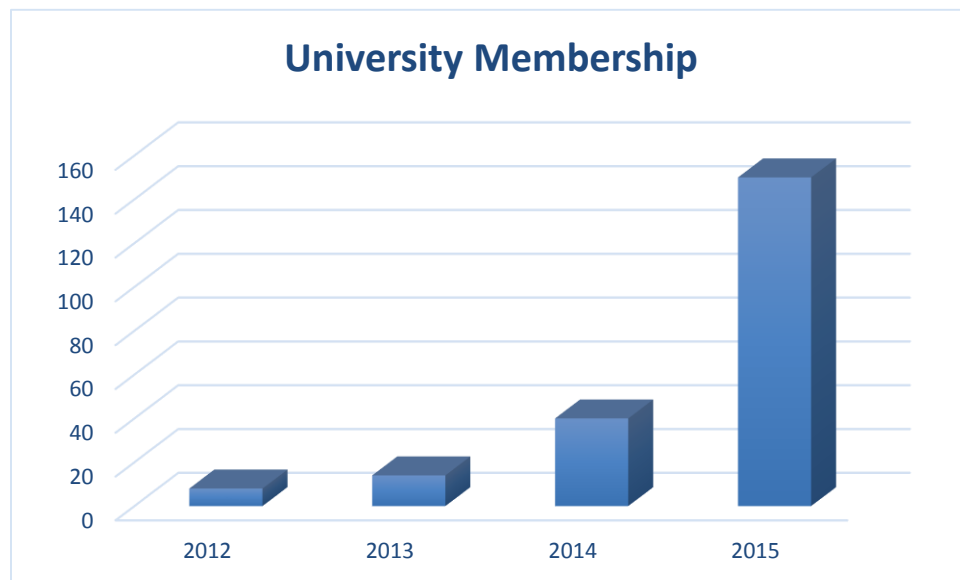




## University Membership

Growing retention in an association takes a lot of energy from all aspects of operations. Marketing typically gets the brunt of the responsibility for members to keep them engaged, but a true retention strategy contains efforts from all disciplines inside the association. No one department can be responsible for the full engagement of a member. Once a member is a part of IEEE, they touch communications, member services, events, etc. Their experience in all of these aspects of an association drives the retention of that member.

Year	2012	2013	2014	2015
Total Members	8	15	40	150



## Achievements

### IEEE Region10 Student/Young Professionals/Women in Engineering Congress 2015 Sri Lanka

Volunteers of IEEE & WIE UET Taxila participated in IEEE R10 SYWC Sri Lanka 2015:

- 1) Muhammad Talha Bilal
- 2) Muhammad Ammar Ali
- 3) Kiran Abbas

### AWARDS:

Best WIE AG Award- WIE UET Taxila

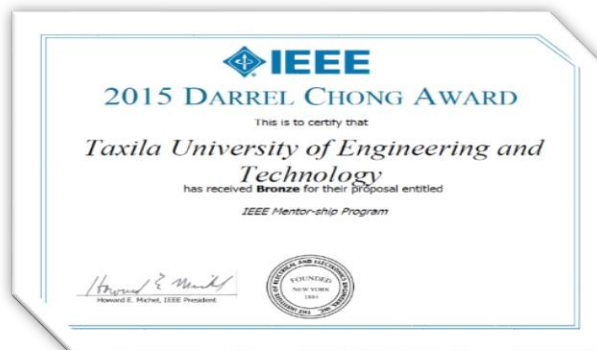
Most Inspiring Student Member Award- Kiran Abbas

WIE Group Chair-Kiran Abbas



### IEEE DARREL CHONG AWARD 2015

IEEE SB UET Taxila won “IEEE Darrel Chong Award 2015” **bronze** for initiative entitled “IEEE Mentorship Program”



## IEEE PSYWC 2015

IEEE & WIE UET Taxila won 5 awards in IEEE Pakistan Student/Young Professionals/Women in Engineering Congress 2015

- 1) Best Student Branch Leadership Award-Arslan Sadiq Sheikh (IEEE Chair)
- 2) Best WIE Affinity group Leadership Award-Laiba Jawed ( WIE Chair)
- 3) Best initiative by Student Branch Award-IEEE UET Taxila
- 4) Most promising WIE Affinity Group Award-IEEE WIE UET Taxila
- 5) Best Blog Writing Award- Fatima Rizwan



## IEEE Islamabad Section AGM 2015

IEEE & WIE UET Taxila won 3 awards at Annual General Meeting 2015

- 1) Best IEEE Student Branch Volunteer Award-Bilal Saqlain
- 2) Best IEEE WIE AG Volunteer Award-Nimra Sajid
- 3) Best Student Branch Award.-IEEE UET Taxila



# IEEE Alumni



**Syed Husnain Tanveer Kazmi**



**Talha Yasin**



**M. Talha Bilal**



**Kiran Abbas**



**Ammar Ali**



**Kamran Arif**



**Raiha Rizvi**



**Danish Imtiaz**



**Muhammad Usama**



**Faseeh Ud Din**



**Waqar Tarar**



**Abdul Rehman**



**Wajid Maqsood**



**Sohail Abbas**



**Fasih Ahmed**



**A. Rehman Ibrahim**



# Calendar 2016

## 1<sup>st</sup> Quarter

- General Body Meeting.
- National Workshop.
- Women's Day.
- TechWeek'16

## 2<sup>nd</sup> Quarter

- Annual General Meeting.
- Orcad Workshop.
- Motivational Seminars
- Workshop on "How to be a programmer".

## 3<sup>rd</sup> Quarter

- General Meeting.
- PLC Workshop.
- Workshop on Basics of Robotics.
- Workshop on Matlab.

## 4<sup>th</sup> Quarter

- National Level Competition.
- Workshop on Basics about Circuit Designing.
- Orientation of 2k16.
- Recruitment Drive.
- Oath Taking Ceremony.

## CONTACT DETAILS

(Facebook, Email, Website)

<b>Counselor IEEE</b>	Prof. Dr. Gulistan Raja	gulistan.raja@uettaxila.edu.pk
<b>Chairperson IEEE</b>	Arslan Sadiq Sheikh	0344-9498345
<b>Vice-Chair IEEE</b>	Muhammed Anas	0343-5293807
<b>General Secretary IEEE</b>	Muzaffar Hussain	0301-4388013
<b>Treasurer IEEE</b>	Bilal Saqlain	0313-6648722
<b>Chairperson WIE</b>	Laiba Jawed	laibajaved95@yahoo.com
<b>Vice-Chair WIE</b>	Nimra Sajid	nimrasajid@hotmail.com
<b>General Secretary WIE</b>	Bisma Imtiaz	bismaimtiaz1994@gmail.com
<b>Treasurer WIE</b>	Bakhtawar Shahid	shahidbakhtawar@gmail.com
<b>Chairperson CES</b>	Bahawal Sher	0334-5232927
<b>Vice-Chair CES</b>	Danyal Hussain	0313-8306380
<b>General Secretary CES</b>	Dure Shahwar	shahwardura@gmail.com
<b>Treasurer CES</b>	Abdul Shakoor	0322-4133632
<b>IEEE Academic Coordinator</b>	Waleed Khan	0341-5456631
<b>WIE Academic Coordinator</b>	Maryam Khalid	maryum.khalid17@gmail.com

**Compiled by:**

Abdur Rahman Iqbal

Rizwan Ijaz

Maha Hassan

Fatima Rizwan

Talal Saleh



WEBSITE



FACEBOOK



FACEBOOK



SAC

Email us at: - [uett@ieee.org](mailto:uett@ieee.org)

