

IEEE STUDENT BRANCH UET TAXILA AND WIE AFFINITY GROUP UET TAXILA

Events Report 2014

The IEEE provides learning opportunities within the engineering sciences, research, and technology. The goal of the IEEE education programs is to ensure the growth of skill and knowledge in the electricity-related technical professions and to foster individual commitment to continuing education among IEEE members, the engineering and scientific communities, and the general public. Most IEEE members are electrical and electronics engineers, but the organization's wide scope of interests has attracted people in other disciplines as well (e.g., computer science, software engineering, mechanical engineering, civil engineering, telecommunication, biology, physics, and mathematics).



Microcontroller Workshop

Friday 7th February, 2014

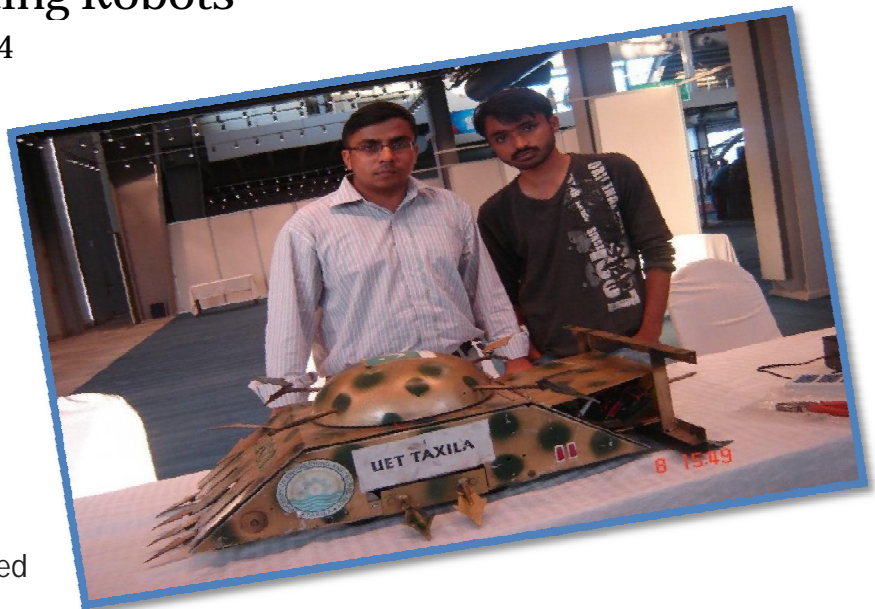
A workshop covering the fundamentals and basic working of Microcontrollers was arranged by IEEE Student Branch UET Taxila with the aim to promote awareness about Microcontrollers among the students as well as to facilitate the students currently studying 'Microcontroller Systems' in their respective semesters. Guest Speaker was Dr. M. Awais who is currently the HOD of Embedded Systems at NDC, we are greatly thankful to him for his precious time and the multitude of knowledge that he shared with us.



Workshop on Fighting Robots

Tuesday 11th February, 2014

After all the hype and excitement on scoring first place in Punjab Youth Festival, it was time that the curious minds be finally put to rest, therefore IEEE Student Branch UET Taxila arranged a workshop on Fighting Robots in its very own EED. The workshop was hosted by none other than IEEE UET Taxila Chapter's Ex-Chair Syed



Husnain Tanweer Kazmi, the hands

behind Electro Warrior, UET Taxila's Fighting Robot that secured first in Punjab Youth Festival. The workshop aimed at giving a basic know-how and insight in to the world of fighting robots, their design, building one on your own, the required circuitry and of course the tactics and strategies behind optimizing and making the most suitable fighting robot

IEEE WIE Freelancing Workshop

Thursday 25th February, 2014

A 'freelancer' or 'freelance worker' is a term commonly used for a person who is [self-employed](#) and is not necessarily committed to a particular employer long-term. Students who want to earn money along with their studies need ways to earn money through online means. IEEE WIE chapter UET Taxila conducted seminar on freelancing where students from all departments showed a great deal of interest by showing their presence.



PCB Designing Workshop

Fri 28th February, 2014

Printed Circuit Boards (PCB) are one of the most important parts of Electrical, Electronics, Telecommunication and Industrial projects as high level projects are made on it. Engineering Students need to polish their PCB designing skills not only for their projects but for their future as well. So IEEE SB arranged a workshop on PCB designing where the Instructor was Engr. Hammad Shauqat.



Events organized in Technical Week 2014:

Hit the Target

Monday 28th April, 2014 – Tuesday 29th April, 2014

Hit The Target an event organized by IEEE in technical week 2014. The event was a simple game meant for the entertainment of students of UET Taxila. People showed a great response towards the event
Day 1: First day of the event all participants played and some qualified for the next round.
Day 2: Next round was held in which the winners of the first round participated among them the top three winners were selected and provided with certificate & shields.



Discover UET

Tuesday 29th April, 2014

During the technical week of UET Taxila Discover UET was the second event that IEEE UET Taxila branch organized. It was a huge success for the branch as a large number of participants participated in this event. This event requires both stamina and intelligence to win the event. There were puzzled questions which need solving skills to solve them and then as different places were to be reached during the competition so stamina was also required. Shields were awarded to the winners at the end.



Know It All!!!

Wednesday 30th April, 2014

Know it all was a quiz competition which was organized by IEEE in technical Week 2014. It was a simple, informative and interesting quiz competition. Great response was showed by all UETIANS towards the event making the event one of the most successful events of IEEE.



Study and Life in Germany

Monday 12th May, 2014

Studying abroad is the utmost desire of most of the students. IEEE WIE UETT conducted the seminar to make students well aware of the application process for Germany. Not only that the seminar also focused on the challenges students face while living there and provided solutions to tackle those problems.



WIE C & C++ Workshop

Thursday 25th September, 2014

The aim of the workshop was to assist the students to embody the basics of microcontroller programming. A test followed by the workshop was taken which proved the workshop to be successful. Logic building and coding for robot and other circuits were also covered in it. 50 students participated.



IEEE Day 2014 Celebrations

Thursday 23rd October, 2014

After hard and long planning, the day finally came, that's right the day which unites all branches around the world to a common cause, a day that reminds students behind the purpose of creation of IEEE, the IEEE Day. For the very first time in its history the IEEE cabinet at UET Taxila mustered the resources to celebrate IEEE Day like many other Student Branches throughout the world. The celebrations started off officially with the name of Allah, followed by a motivational speech by the branch General Secretary Danish Imtiaz that appreciated the executive body of their continuous hard work and tireless efforts in the past few weeks, especially for their efforts during Student Week UET Taxila, 2014. Following the speech the ceremony proceeded officially by the cutting of the cake by the Cabinet members' altogether. A photo session was conducted afterwards to remind the students next year to keep up the started tradition by the current committee. The celebrations ended with a formal discussion between the members on the upcoming events and how the team can better their efforts for upcoming events.



PLC, SCADA & HMI Workshop by EESINT Batch 1

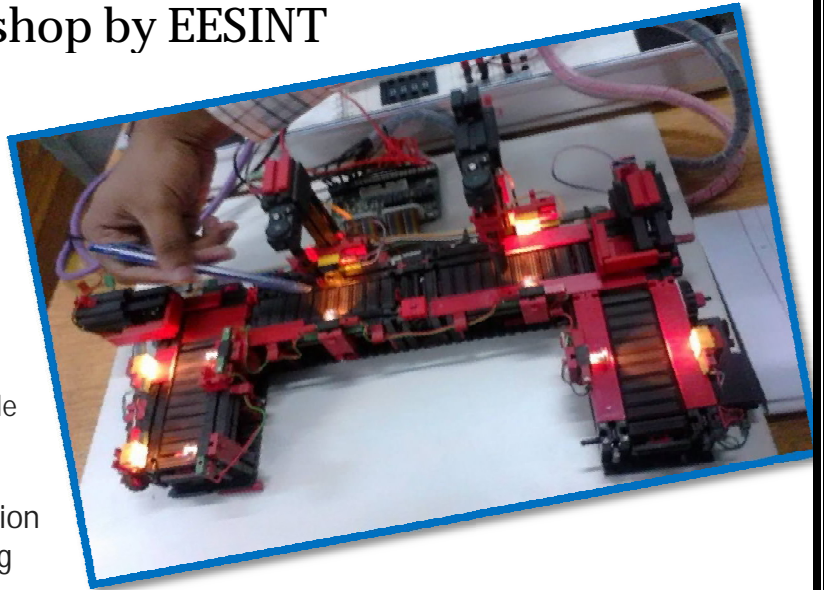
Monday 27th October, 2014 –
Tuesday 11th November, 2014

IEEE Student Branch UET Taxila in collaboration with Electrical Engineering Solutions PVT. LTD. brings to you for the very first time a 10 Day Workshop on Programmable Logic Controllers, SCADA and HMI.

The very backbone of Industrial Automation involves the use of PLC's with their growing

importance here's your opportunity to master one. With on hands training on SIEMENS PLC Training Kits including hardware and software from a team of highly trained professionals.

Course Contents: PLC (Programmable Logic Controllers), HMI (Human Machine Interface) SCADA (Supervisory Control & Data Acquisition)



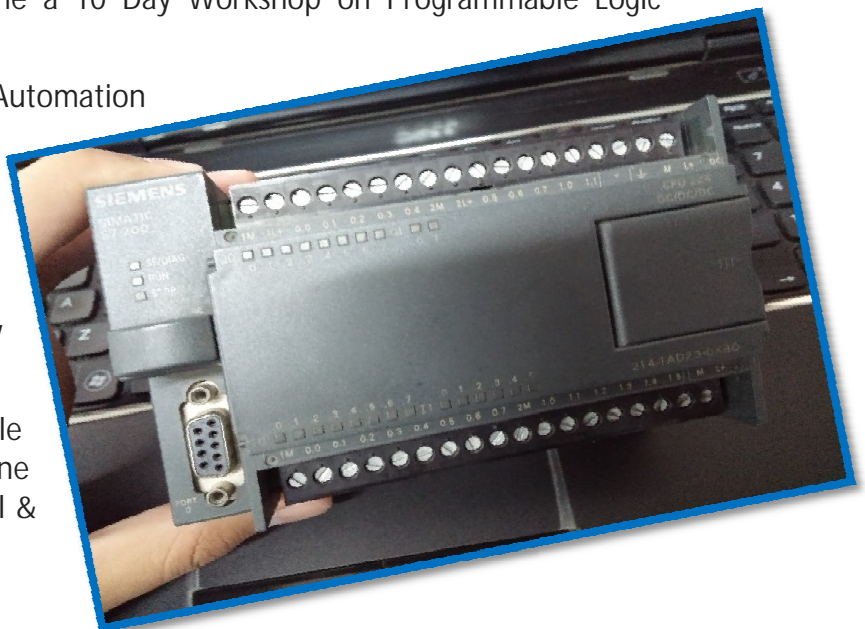
PLC, SCADA & HMI Workshop by EESINT Batch 2

Monday 17th November, 2014 – February 28th November, 2014

IEEE Student Branch UET Taxila in collaboration with Electrical Engineering Solutions PVT. LTD. brings to you for the very first time a 10 Day Workshop on Programmable Logic Controllers, SCADA and HMI.

The very backbone of Industrial Automation involves the use of PLC's with their growing importance here's your opportunity to master one. With on hands training on SIEMENS PLC Training Kits including hardware and software from a team of highly trained professionals.

Course Contents: PLC (Programmable Logic Controllers) HMI (Human Machine Interface) SCADA (Supervisory Control & Data Acquisition)



WIE STAR Program at HMC Model School, Taxila

Wednesday 26th November, 2014

IEEE WIE UET Taxila has successfully initiated IEEE STAR program on 26-11-2014. The IEEE Student-Teacher and Research Engineer/Scientist (STAR) Program was developed to address the growing concern that, at a young age, girls are discouraged from careers in mathematics, science, and engineering.

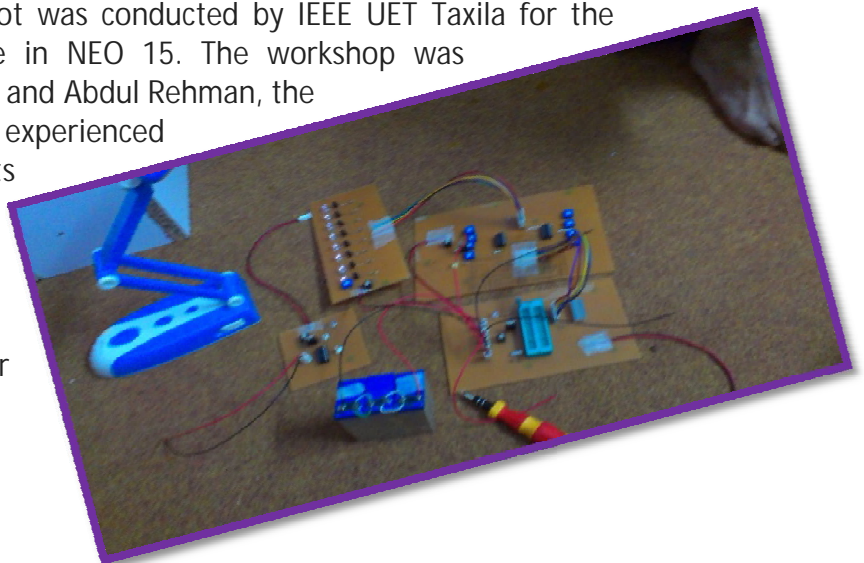
IEEE WIE team visited HMC Model School Taxila. The basic purpose was to encourage the students and to let them know the importance of education. Different activities were conducted there in school and in the end students were provided with certificates.



Workshop on Line Follower Robot for NEO 15

Friday 12th December, 2014

A workshop on Line Follower Robot was conducted by IEEE UET Taxila for the students who want to participate in NEO 15. The workshop was delivered by Muhammad Talha Bilal and Abdul Rehman, the two senior members of IEEE and experienced robotics enthusiasts. Participants were taught the basics of robotics and all the aspects of line follower robots, problems encountered during the process and programming of Microcontroller for an 8-sensor Line Follower.



Personal Development & Effective Communication Workshop

Tuesday 9th December, 2014

IEEE Student Branch UET Taxila conducted a seminar on effective communication for all IEEE members. As a warm welcome to the newly selected members of IEEE UET Taxila 2014-15, a seminar was held to facilitate and help the members to overcome the fear of communicating and collaborating with others. A well collaborated team can do wonders, so did the workshop. Syed Basir Raza Zaidi was invited as a speaker. The session was divided into 2 parts in which secrets of personality grooming and effective communication were revealed. The session was a great hit!!!



Best Student Branch Volunteer Awards 2014

Thursday 18th December, 2014

IEEE UET Taxila awarded 'The Best Student Branch Volunteer Award's for the year 2014, in recognition of their contributions to the betterment of the student branch.

Best Student Volunteer Award 2014

Arslan Sadiq Sheikh

Best WIE Student Volunteer Award 2014

Laiba Javed



Annual General Meeting Islamabad Section 2014:

IEEE UET Taxila student branch received four awards in AGM'14 held at Comsats Abbotabad under Islamabad section of IEEE where students from different universities attended the event along with the president of Islamabad section.

Best Student Branch Award 2014

Talha Bilal (IEEE Chair)

Best WIE Affinity group Award 2014

Kiran Abbas (WIE Chair)

Best Student Volunteer Award 2014

Talha Bilal (IEEE Chair)

Best WIE Student Volunteer Award 2014

Laiba Javed



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