

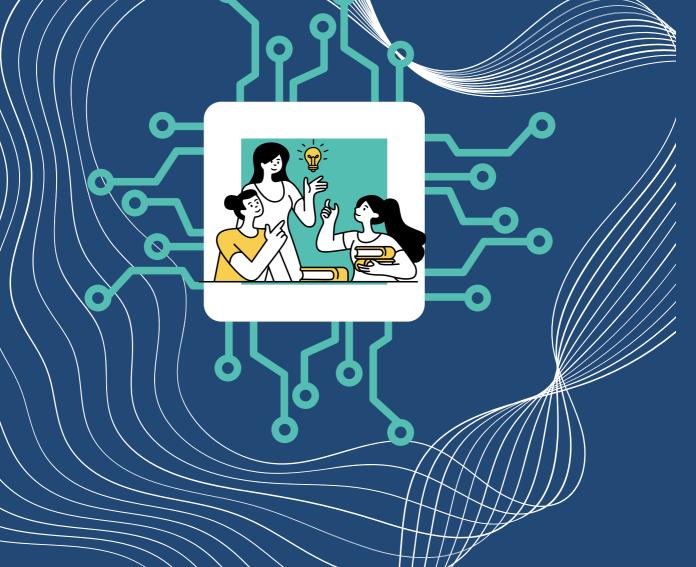
QUAID-E-AWAM UNIVERSITY OF ENGINEERING SCIENCE & TECHNOLOGY LARKANO CAMPUS

ELECTRONIC ENGINEERING DEPARTMENT PRESENTS

THE

ELECTRONS

ANNUALMAGAZINE



Edited By: Dr. Irfan Ali Tunio Assistant Professor QUEST Larkano Campus Co-Edited & Designed By: Engr. Waqar Ahmed Shaikh

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Vice Chancellor's Message

THE ELECTRONS ANNUAL MAGAZINE

Dear Students and Faculty,

I am writing to emphasize the utmost importance of extracurricular and co-curricular activities in our university. These activities go beyond the boundaries of the classroom, offering you opportunities to explore your passions, discover hidden talents, and develop essential skills that will shape your future.

I am pleased to acknowledge and applaud the unwavering efforts of the Electronic Engineering Department at QUEST campus Larkano for their remarkable commitment to organizing a wide range of such activities. Your dedication has created a vibrant environment where our students can thrive and excel in various domains.

By engaging in extracurricular activities such as sports, arts, community service, and cultural events, you broaden your horizons, foster creativity, and cultivate a sense of leadership. Co-curricular activities, on the other hand, complement your academic pursuits by providing practical exposure, hands-on experiences, and industry interactions.

The Electronic Engineering Department has truly gone above and beyond in organizing workshops, competitions, seminars, and conferences that not only enhance technical knowledge but also foster teamwork, critical thinking, and problem-solving abilities.

I encourage each and every student to actively participate in these activities and take full advantage of the opportunities presented to you. These experiences will not only enrich your university journey but also shape you into well-rounded individuals ready to face the challenges of the professional world.

On behalf of the university, I extend my heartfelt appreciation to the Electronic Engineering Department at QUEST campus Larkano in general and Dr Irfan Tunio in particular for his exemplary efforts in creating a vibrant extracurricular and co-curricular landscape. Your dedication and commitment are truly commendable.

Let us all continue to celebrate and support these activities, recognizing their immense value in nurturing the holistic development of our students.

With warm regards,

Prof. Dr. Saleem Raza Samo Vice Chancellor



Pro Vice Chancellor's Message

THE ELECTRONS ANNUAL MAGAZINE

Dear Students and Faculty,I would like to take this opportunity to extend my heartfelt appreciation to the students and faculty of the Electronic Engineering Department at QUEST campus Larkana for their exceptional efforts in organizing a plethora of such activities. Your dedication, creativity, and relentless pursuit of excellence have created a vibrant environment that fosters personal growth and academic enrichment.

Through extracurricular activities, our students have the opportunity to explore their passions, develop leadership skills, and cultivate a sense of camaraderie. Co-curricular activities, on the other hand, provide practical exposure, hands-on experiences, and industry collaborations, enhancing the practical application of knowledge gained in classrooms.

I commend the students for their active participation and enthusiasm, as well as the faculty for their unwavering support and guidance. Together, you have demonstrated the true spirit of collaboration and teamwork, creating memorable experiences and valuable learning opportunities for our entire university community.

I urge all students to continue engaging in these activities and seize every opportunity to expand their horizons and unleash their full potential. Faculty members, I encourage you to keep nurturing and mentoring our students, providing them with the necessary guidance and support.

On behalf of the university, I extend my heartfelt gratitude to the students and faculty of the Electronic Engineering Department at QUEST campus Larkana for their exemplary efforts in organizing and promoting extracurricular and co-curricular activities. Your commitment to creating a well-rounded educational experience is truly commendable.

Let us all continue to celebrate and support these activities, recognizing their immense value in shaping our students into responsible, skilled, and versatile individuals ready to make a positive impact in society.

With warm regards,

Prof. Dr. Zahid Hussain Abro Pro Vice Chancellor



Chairman's Message

THE ELECTRONS ANNUAL MAGAZINE

Dear Students and Faculty of Electronic Engineering,

I would like to express my deepest gratitude to you for your exceptional efforts in organizing various activities. Your dedication, creativity, and pursuit of excellence have created a dynamic environment conducive to personal growth and academic enrichment. Through extracurricular and co-curricular activities, our students have the chance to explore their passions, develop leadership skills, and gain hands-on exposure.

I commend the students for their active participation and the faculty for their unwavering support. Together, you have demonstrated excellent teamwork and created valuable learning experiences. I encourage all students to continue to engage in these activities and faculty members to continue to nurture and mentor them.

Special thanks to Dr. Irfan Ali Tunio and his team for their exemplary efforts in organizing and promoting these activities. I would also like to express my gratitude to them for their sincere commitment to community service, including supporting schools in rural areas through departmental initiatives. Your commitment to a comprehensive educational experience is truly commendable. Let's celebrate and support these activities that make our students responsible individuals ready to have a positive impact on society.

Warm regards,

Dr. Toufique Ahmed Soomro Chairman, Electronic Engineering QUEST, Larkano Campus



Chief Editor's Note

THE ELECTRONS ANNUAL MAGAZINE

Dear readers.

Welcome to the inaugural edition of our annual magazine showcasing the vibrant world of extracurricular and co-curricular activities at the Electronic Engineering Department, located at the esteemed QUEST Campus in Larkano. This magazine aims to capture the spirit of exploration, creativity, and teamwork that permeates our department and highlight the incredible achievements of our talented students. Within these pages, you will find a diverse range of activities that go beyond the confines of the classroom, providing students with opportunities to develop their skills, broaden their horizons, and nurture their passions. From technical competitions and project exhibitions to robotics challenges and industry collaborations, the Electronic Engineering Department at QUEST Campus is a hive of energy and innovation.

We believe that education is not limited to textbooks and lectures alone, but encompasses a holistic approach that encourages students to embrace their interests beyond the curriculum. The magazine provides a platform to recognize and appreciate the contributions of our students in various domains, including clubs, societies, research initiatives, and community outreach programs. As you navigate through the magazine, you will encounter stories of perseverance, dedication, and exceptional talent. Our students have excelled in different competitions, published groundbreaking research articles, and made a positive impact on society through their engineering expertise. Their achievements stand as a testament to their hard work and the support they receive from our esteemed faculty and staff. Moreover, this magazine serves as an avenue for students to showcase their creative talents through artwork, photography, and literary pieces. We firmly believe that creativity is the cornerstone of innovation, and we are proud to showcase the multifaceted abilities of our students. We extend our heartfelt gratitude to the entire editorial team who have worked tirelessly to bring this magazine to life. Their commitment to capturing the essence of our department's extracurricular and co-curricular activities is truly commendable. Special thanks goes to Engr. Waqar Ahmad for his drafting skills.

In conclusion, this magazine reflects the diversity, brilliance, and limitless potential of the students within the Electronic Engineering Department at QUEST Campus. It is a celebration of their accomplishments and an inspiration for future generations of engineers.

We hope you enjoy perusing the pages of this magazine, immersing yourself in the captivating narratives and captivating visuals that embody the extraordinary world of extracurricular and co-curricular activities at the Electronic Engineering Department.

Happy reading!

Dr Irfan Ali Tunio
Chief Editor
THE ELECTRONS
Assistant Professor
Electronic Engineering Department, QUEST Campus Larkano.



Co-Editor's Note

THE ELECTRONS ANNUAL MAGAZINE

Greetings, dear readers, and welcome to the latest edition of The Electrons annual magazine!

Within these pages, we aim to showcase the incredible extracurricular and co-curricular activities of our students.

This edition brings to light the passion, talent, and dedication of our students as they strive for excellence. From innovative projects that push the boundaries of technology to initiatives that contribute to the betterment of society, we are proud to share their inspiring works.

I would like to express my deepest gratitude to Dr. Irfan Ali Tunio for his unwavering trust and the invaluable opportunity he has given me to serve as the co-editor and designer of this magazine. His support has been instrumental in bringing this vision to life.

As you explore the pages of The Electrons, I hope you are inspired by the remarkable achievements and contributions of our students. Together, let us celebrate their unwavering commitment to excellence and their vision for a brighter future.

Warm regards,

Engr. Waqar Ahmed Shaikh Co-editor and designer THE ELECTRONS

Fire Safety & Use of Fire Extinguishers



Engr. Arslan Ahmed Sohoo Lab. Engineer Dept. of Electronic Engineering QUEST Larkana campus

FIRE SAFETY & USE OF FIRE EXTINGUISHER





Overall, the workshop and drill were highly informative and provided valuable knowledge to attendees on fire safety and the use of fire extinguishers. It was a well-organized event that was well received by all attendees. The Department of Electronic Engineering at QUEST Larkana Campus is to be commended for organizing such a crucial workshop, which undoubtedly contributed to a safer working environment for all.

The department

Electronic Engineering at QUEST Larkana Campus organized a one-day workshop and drill on "Fire Safety & Use of Extinguisher" October, 2021. The event aimed to raise awareness of fire hazards in the workplace, how to act safely in the event of an emergency fire situation, and selecting and using the correct fire extinguisher. The workshop was attended by faculty, officers, staff, and students. The workshop and drill were conducted by experts in the field of fire safety, who highlighted the importance of following safety procedures and having a plan in place to respond to fire emergencies. The attendees were informed about the different types of fires and the appropriate fire extinguishers to use for each type. The experts demonstrated how to operate a fire extinguisher and the attendees also had a chance to practice using one themselves.

The attendees were also given tips on how to prevent fires in the workplace, such as keeping flammable materials away from heat sources, ensuring electrical equipment is properly maintained e.t.c.





3rd Project, Poster Exhibition & Competitions 2021 No Resistance Can Drop Our Potential

THE MEGA EVENT

PROJECTS & POSTER EXHIBITION

Mega projects Mini projects **Project Poster Presentation**

ENGINEERING DESIGN COMPETITION

ETAP

Power world simulator Creative Robotics Competition (CRC)

GENERAL COMPETITIONS

Quiz competition (Technical & General) Presentation (Technical & non Technical) Maths Problem Solving **Speed Programing**





CREATIVE COMPETITIONS Creative writting

Calligraphy Sketching Painting



ENTERTAINMENT SESSION

Gaming session Singing session Motivational & Technical sessions (free)

DETAILS

Mega project include

(max 5 student group)

Mini project & (CRC) include

(max 3 student group)

Transfer your resgistration fees through following jazzcash account number

Account No: +92 303 6894854 Account name: IHSANULLAH SHAIKH

PERKS

- Attractive cash prize for top 3 Mega projects
- Upto 30,000 cash and Awards+ Certificates
- Certificates and Lunch will be provided to the participants



REGISTRATION

Scan this QR Code

DEADLINE 22nd October 2021





FEES

MEGA PROJECT & (CRC)= 1000

MINI PROJECT= 500

OTHER COMPETITIONS = 300

FOR PRTICIPATING IN ANY TWO COMPETITIONS = 500



DATE & VENUE

08,09 NOVEMBER 2021

Departement of Electrical **Engineering QUEST** Nawabshah













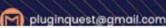


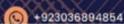






Team PLUGIN2021









3RD PROJECT AND POSTER COMPETITIONS (PUGIN2021)







Overall, the event was very fruitful and a group of students from batch 18 won 3rd prize in poster competition, While another group of students (Waqar Ahmed, Muhammad Hamza and Faiz Muhammad) from f-18 batch won 2nd prize in mini project competition.

3rd PLUGIN

and Poster Competitions (PUGIN2021) organized by department of electrical engineering QUEST Nawabshah and is scheduled on Monthly 8th November 2021 at 10:00 am

PLUGIN is an initiative that aims to provide a platform to Engineering and Sciences students, irrespective of the field they belong to, where they can explore their hidden talent, technical skills, critical thinking capacity, and problem-solving abilities. This special invitation aims to meet the faculty and students of your department as we are highly passionate about the participation of potential projects, posters and other competition of your department in Plug-In 2021.

PLUGIN'21-competitions consist of:

1. Project Exhibition and
Competitions 2. Poster
Designing 3. Speed
Programming 4. World Power
Simulator 5. Quiz Competitions
6. Math Power Solving 7. ETAP 8.
Motivational and Technical
Session 9. Creative Writing 10.
Sketching 11. Calligraphy
12. Painting.

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SPORTS ACTIVITY









The winning team then had to face the team of teachers, who were no less talented and skilled in cricket. The match between the winning team and the teachers was thrilling, with both teams giving their all. It was a close contest, but in the end, the students fell just short of a few runs and the teachers emerged victorious. The best performer of the match was awarded a shield of appreciation from the worthy director of the QUEST Campus Larkana

On a bright sunny

day, the QUEST Campus Larkana organized a one-day cricket tournament that was a huge success among the students and teachers of the campus. The event was a great opportunity for the students to showcase their cricketing skills and enjoy a fun-filled day of sports and competition.

The tournament consisted of teams. two comprising of students from different departments and a team of teachers. The students were divided into two teams based on their department, with one team consisting of students the ES and Civil department, while the other team comprised students from the EL and ME department.

The first match was played between the two teams of students. Both teams put up a great show of sportsmanship and skill, but the team of EL and ME emerged victorious. The match was closely contested, with both teams displaying their cricketing talent and determination. The players of both teams put in their best efforts to score runs and take wickets, making it an exciting match to watch.

FINAL YEAR TOUR AND GRAND DINNER (18-ES BATCH)







Overall, the tour was an excellent opportunity for the students to broaden their horizons, experience new cultures, and learn about the rich history and heritage of the region. As the famous quote goes, "The world is a book, and those who do not travel read only one page." By organizing this all-Sindh tour, the QUEST Larkana has helped to ensure that its students are well-equipped to read as many pages of this book as possible, and to gain a deeper understanding and appreciation of the world around them.

The QUEST Larkana

recently organized a highly successful all-Sindh tour for the students of the final year (F-18ES) program. The tour, which saw a majority of students participating, took the students on a journey of exploration and discovery, as they visited a variety of locations throughout the province.

One of the highlights of the tour was the students' visit to Karachi, the bustling economic hub of Pakistan. While in Karachi, the students had the opportunity to experience the rich cultural heritage of the city, as well as its vibrant street life and bustling markets. They were also able to visit some of the city's famous landmarks, such as the Mohatta Palace and the Karachi Port Trust Building.

In addition to visiting Karachi, the students also traveled to the Baluchistan Province, where they had the chance to explore the beautiful beaches that the region is famous for. With its crystal-clear waters, golden sands, and stunning scenery, the Baluchistan beaches provided the perfect backdrop for the students to relax and unwind after a busy academic year.



OFFICE OF RESEARCH, INNOVATION & COMMERCIALIZATIONS (ORIC)

GROOMING & TRAINING WORKSHOP 2021 (BATCH 21) 15TH & 16TH DECEMBER, 2021



PROF. TAHIR MEHMOOD CHAUDHRY
PRESIDENT & CEO, PAKISTAN INSTITUTE OF
ENTREPRENEURSHIP ISLAMABAD



ORGANIZED BY; ORIC QUEST LARKANA CAMPUS

PROFESSIONAL GROOMING WORKSHOP/ORIENTATION FOR 21-BATCH AT QUEST









A wonderful initiative:

At QUEST Larkana Campus, two Govt. Schools inducted as CSR activity to equip them with latest technology, best teaching techniques, linkage students with university faculty and students as partners

A two-day faculty

and students' development training workshop was **ORIC** organized bγ **QUEST** Campus Larkana at the IT hall Building. President and CEO Pakistan Institute of Entrepreneurship (PIE) Prof. Tahir Mahmood Chaudhry was the resource person of the event. Both faculty and student participants truly enjoyed his session and loved the way he shared his expertise and experience with them.

It was a very informative session and credit goes to the worthy Vice Chancellor QUEST Prof. and Director QUEST campus Larkana -and his entire team for open-arm support in conducting the session. Some of the glimpses of the session are here.

Workshop focused was on Career development, and training workshops on strategic interviewing, resume writing, personal branding, case interview and networking, storytelling skills, and professional grooming.

ANNUAL MUSICAL NIGHT 2021 ORGANIZED BY STUDENTS







the students to showcase their artistic and creative talents, and it was clear that they had put in a great deal of hard work to make the event a success.

In conclusion, the annual musical night organized by the students of the Electronic Engineering department in honor of 18ES was a memorable and enjoyable event. The range of activities, the quality of the performances, and the level of organization all combined to make it a truly unforgettable experience for everyone involved.

The annual musical

night event organized by the Electronic students of the Engineering department honor of 18ES was a resounding success. The event, which was well-organized and meticulously planned, featured a wide range of musical performances and other activities that kept the audience engaged and entertained throughout the night.

One of the highlights of the the musical event was performances by the students themselves. From classical to the students contemporary, showcased their musical talents and captivated the audience with their melodious renditions. The performances were testament to the hard work and dedication of the students, who had put in countless hours of practice to prepare for the event.

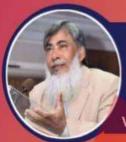
The entire event was a testament to the creativity, talent, and dedication of the students of the Electronic Engineering department. It was clear that they had put a great deal of effort into organizing the event, and the results were truly impressive. The musical night was a perfect platform for







IEEE QUEST LARKANA OPENING CEREMONY



Chief Guest

Prof. Dr. Saleem Raza Samo Vice Chancellor QUEST Nawabshah



Guest of Honour

Prof. Dr. M.Usman Keerio
Dean Faculty of EL , ES, CS ENGG.



Guest Speaker

Dr Abi Waqas Memon
Assistant Professor Telecommuction ,MUET
(Branch Counselor ,IEEE STB)
(Advisor,TES MUET)



Guest Speaker

Engr Shakir Ali

Assistant Professor (EE) MUET SZAB (Branch Counselor IEEE)



Chief Guest

Prof Dr B.S Chowdhry

Distinguished National Professor Professor Emeritus MUET Jamshoro, Chair IEEE Karachi Section



Guest of Honour

Prof.Dr Ahsan Ali Burriro

Director QUEST Larkana



Guest Speaker

Dr. Ahmed Ali Shah

Branch Counselor, IEEE STB Sukkur IBA University, Sukkur



Guest Speaker

Mr Muhammad Rafay

Section Student Representative IEEE Karachi Section



29th December, 2021 10:00 am to Onwards



For Contact

Adil Hussain

Chairperson 0307-3767899

Adilhussain36@ieee.org

IEEE QUEST LARKANA OPENING CEREMONY







Vote of Thanks

We are grateful to IEEE Karachi Section, IEEE IES,Karachi Section for their support and collaboration and we are grateful to QUEST Nawabshah &Larkano Campus Administration and for their motivation and support.

We are grateful to all the guests to attend the event, and finally, we are grateful to the IEEE members of the IEEE STB QCL for making efforts to open this IEEE branch.

The IEEE Student

Branch QUEST Larkano Campus Opening Ceremony was held on December 2021. 29. Registration of the event was free of cost and there were about 350 participants from different IEEE student branches. The event was arranged at it hall of quest We Larkano. campus honored by the Chief Guests, Guests of honor, and various Guest speakers as the poster of events are attached below.

We had a technical session with the Chair, IEEE Karachi Section, Prof. Bhawani Dr. Shankar Chowdhary, Dr. Abi Waqas Memom. Technical Chapter Chair IEEE Industrial of Electronics Society, Karachi Region Section R10. We have outreach session with IEEE branch coordinator of IEEE STB of IBA Sukkur Dr. Ahmed Ali Shah, and Mr. Muhammad Rafay, Student Representative Section IEEE Karachi section of Engr Shakir Ali,IEEE branch coordinator of IEEE STB of MUET Khairpur.

We are grateful to the IEEE Karachi Region 10 Section and the IEEE Industrial Electronics Society, Karachi Region R10 Section for their collaboration.

VISIT OF SEPCO TEAM AT CAMPUS







and Larkana Campus remain open and active.

This commitment by SEPCO was warmly welcomed by the faculty members and students present, who recognized the importance of such initiatives in improving the quality of education and research at the campus.

In conclusion, the visit by the Chairman Board of Directors of SEPCO to Larkana Campus was a highly informative and inspiring event, which highlighted the importance of collaboration and mutual cooperation between industry and academia.

The recent visit

by the Chairman Board of Directors of SEPCO, Sir Abrar Ali Shah, to the Larkana Campus was a highly informative and optimistic event. The visit was attended by a number of faculty members and students, who were all keen to hear about the future plans and initiatives of SEPCO, and to discuss how they could work together to achieve common goals.

During the event, Sir Abrar Ali Shah delivered very informative and inspiring talk, in which he outlined the various initiatives and projects that SEPCO has in the pipeline. He emphasized importance of collaboration and mutual cooperation between SEPCO educational and institutions such as Larkana Campus, and stressed that such partnerships were essential for the development and progress of the country as a whole.

The discussions that followed the talk were equally productive and engaging. Both parties agreed that such events and discussions should be continued in the future, in order to ensure that the lines of communication between SEPCO





CAREER COUNSELLING SESSION

WHAT AFTER GRADUATION?

YOUR CARRER CHOICE TODAY WILL SHAPE YOUR TOMMOROW.



KEY SPEAKER:

DR.TANVEER HUSSAIN PHULPOTO

VENUE:

IT HALL QUEST LARKANA

4 MARCH 2022 10 AM

ON FRIDAY

PLANTATION AND CAREER COUNSELLING SESSION



The ASHRAE

QUEST Larkano chapter organized a highly successful plantation drive and interactive session on career counseling, which was attended by a large number of students and faculty from members various departments. The session was conducted by Dr. Tanweer Hussain, a well-known professor the Department Mechanical Engineering, MUET Jamshoro, who shared his insights and experiences with the students.





The session covered a wide range of topics related to career development, including the importance of education and training, the latest trends and technologies in the field of engineering, and the various career paths that are available to students.

event began with The plantation drive, which saw the students and faculty members planting a variety of trees and plants on the campus grounds. The plantation drive organized as part of ASHRAE's ongoing efforts to promote environmental awareness and sustainability, and it was heartening to see enthusiastic participation of the students in this important initiative.

Following the plantation drive, the interactive session on career counseling began, which was conducted by Dr. Tanweer Hussain.

MEMORANDUM OF UNDERSTANDING







programs for students and faculty members.

Overall, the signing of the MoU between QUEST Larkana Campus and SZABIST Larkana Campus is an exciting development that holds great promise for the future of both institutions. By working together, they will be able to achieve new heights of excellence in education and research, and make a positive impact on the lives of their students, faculty members, and the broader community.

The signing

of Memorandum of Understanding (MoU) between QUEST Larkana Campus and SZABIST Larkana Campus marks an important step forward in collaboration the between these two prestigious academic institutions. The MoU signed by Pro-Vice Chancellor Quest University of Engineering Nawabshah, Larkano Campus, Prof. Dr. Zahid Hussain Abro and Head of SZABIST Larkana Campus, Dr. Zahida Abro, who were duly authorized as MoU representatives their by respective institutions. The signing ceremony was held in the presence of the ORIC QUEST Larkana Campus focal person, Dr. Toufique Ahmed Mr. Soomro and Asadullah Soomro, focal person of SZABIST Larkana Campus.

The MoU between **QUEST** Larkana Campus and SZABIST Larkana Campus is aimed at academic and promoting collaborations research between the two institutions. Under the terms of the MoU, both institutions will work together to develop joint academic programs, research projects, and exchange

HEC IGNITE FUNDING SEMINAR









By elaborating on these key aspects, he enabled the students to understand the core elements that contribute to a winning proposal.

Furthermore, Dr. Soomro shared various tricks and strategies that can significantly enhance the chances of securing IGNITE funding.

The seminar was attended by a diverse group of enthusiastic students from different disciplines, all eager to explore the possibilities offered by IGNITE funding.

In a significant

step towards fostering innovation and entrepreneurial endeavors, a highly successful one-day seminar on HEC IGNITE funding recently was conducted. The event, organized [Institution/Organization Name], aimed to equip students with the necessary skills and knowledge to excel in proposal write-ups and secure funding through IGNITE.

seminar featured The an esteemed guest speaker, Dr. Muhammad Waqas Soomro, who currently serves as the Coordinator for Final Year Projects (FYP) at Sukkur IBA. With his extensive experience and expertise in the field, Dr. Soomro delivered an enlightening talk that captivated the audience and provided invaluable insights into the art of proposal writing. his During engaging presentation, Dr. Soomro shed light the essential on components of a successful proposal write-up. emphasized the importance of a clear and concise problem statement, well-defined а realistic methodology, а timeline, and a comprehensive budget plan.

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(Department of Electronic Engineering)

TREES FOR THE FUTURE

Help us plant a tree and build a better world

30 March, 2022

1PM Onwards

PLANTATION DAY









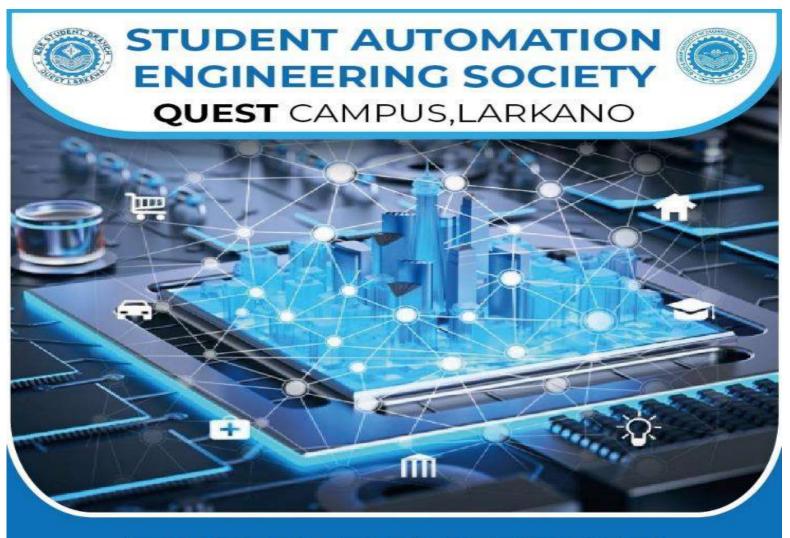
The primary objective of this event was to raise awareness about the significance of tree plantations and their profound impact on the environment.

Moreover, this plantation activity was just the beginning of a broader initiative to promote sustainability within the university. It set a precedent for future endeavors, paving the way for more environmentally conscious practices and projects.

On the 30th

of March 2022, an inspiring and impactful event took place at the Quaid-E-Awam University of Engineering, Science, Technology Campus Larkano. The event was a plantation activity organized with noble aim of making the campus environmentally green and friendly. Spearheaded by the esteemed Chairman of Electronic Engineering Department, Dr. Muhammad Adil Ansari, and Dr. Irfan Ali Tunio. the event garnered immense support and participation from the students and faculty members.

The event was graced by the presence of the honorable Chief Guest, Worthy Pro-Vice Chancellor Dr. Zahid Hussain Abro, who brought his wisdom and enthusiasm to the occasion. As a symbol of his commitment to the cause, Dr. Abro planted the first sapling in the corner of Electronic the Engineering department's garden with his own hands. His gesture ignited a spirit of enthusiasm among the teachers and students, who eagerly joined in the plantation program, embracing the theme of making the campus green.



FYDP PROJECT EXHIBITION 10 NOV 2022

GUEST OF HONOUR

PROF.DR ZAHID HUSSAIN ABRO

PRO VICE CHANCELLOR QUEST



IEEE STUDENT BRANCH, OUEST CAMPUS LARKANO

STUDENT AUTOMATION ENGINEERING SOCIETY, QUEST CAMPUS LARKANO

ELECTRONIC ENGINEERING DEPARTMENT, QUEST CAMPUS LARKANO FOR MORE DETAILS:

DR.KHALIL M. ZUHAIB KAMBOH KMZUHAIB@QUEST.EDU.PK

FYDP PROJECT EXHIBITION 2022







were presented with well-deserved certificates, acknowledging their hard work and ingenuity.

Overall, the Project Exhibition showcased the exceptional talent and dedication of the students at QUEST Campus Larkano. It celebrated their achievements, inspired innovation, and fostered a culture of continuous learning and growth. The event served as a testament to the university's commitment to nurturing the next generation of engineers and provided a platform for students to shine and make a positive impact in the field of automation engineering.

The Student

Automation Engineering Society (SAES), in collaboration with the IEEE Student Branch at QUEST Campus Larkano, organized a groundbreaking Exhibition on November 10, 2022. This event marked a significant milestone for the Electronic Department of Engineering, showcasing innovative projects and remarkable talents the students.

The presence of the esteemed Pro-Vice-Chancellor, Dr. Zahid Hussain Abro, added to the grandeur of the event. Dr. Abro, along with the Heads of Departments, graced the exhibition with their valuable insights and unwavering support.

Under the capable guidance of Dr. Khalil M. Zuhaib, Associate Professor (ES), and Dr. Toufique A. Soomro, Associate Professor and Head of the Electronic Engineering Department, QUEST Campus Larkano, the exhibition witnessed a display of exceptional projects.

To recognize the outstanding achievements, a panel of Judges evaluated the projects based on various criteria. The best project and the runner-up project were selected, and the deserving students



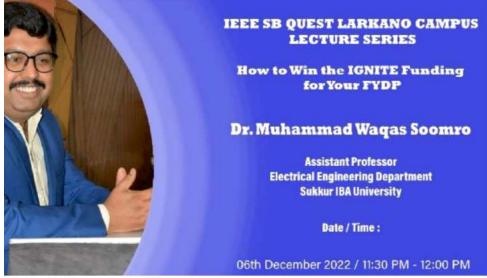




Report on IEEE Student Branch QUEST Larkano Campus Lecture Series, IEEE

IEEE QUEST LARKANO LECTURE SERIES





The department of electronic engineering, Quaid-e-Awam University of Engineering Science & Technology, Larkana Campus invited Dr Muhammad Waqas Soomro Assistant Professor Electrical Engineering Department, Sukkur IBA Univerity on 6th December 2022 to give talk on How to win Ignite finding for FYPs.

The event was about the selection of projects based on cutting-edge technologies that also meet the global sustainable development goals (SDGs) and possible national & international funding opportunities for final year projects of undergraduate engineering students.

ABOUT THE EVENT

This event was named the IEEE QUEST Larkano Lecture series, and it contained the lecture of two qualified and experienced researchers and professionals and it was held at IT Hall QUEST Larkano Campus. The first talk was given by Dr. Afaque Mansor Soomro (Assistant Professor of the Department of Electrical Engineering, IBA Sukkur) in the field of Soft Robotics, and another talk was given by Dr. Ahmed Wagas Soomro (Assistant Professor of the Department of Electrical Engineering, IBA Sukkur) on graduation projects. 450 students and graduates attended the event.

Dr Afaque Manzoor, Assistant Prof, Sukkur IBA University, gave a technical talk on the latest trends in the field of Soft Robotics. He further discussed about his group's contribution in this field and motivated participant to join this field, especially for their prospective Final Year Projects. He assured his full support and guidance all students or faculty members interested in the bio-inspired Soft Robotics.

IEEE QUEST LARKANO LECTURE SERIES









The event was arranged at it hall of quest campus Larkano. We are honored by the Chief Guests Pro-Vice Chancellor QUEST Campus Larkano. Some moments of events are shown in photos.

The Student Branch of IEEE **QUEST** Larkano Campus presents the Lecture Series with invite program to professionals speak to technical fields, management and leadership, and educational systems. This event contained a single agenda to introduce the advanced topic related knowledge like AI, Robotics, Cybersecurity, and **IEEE** standard, as well as give students information about their semester and projects and methods for the final year to win the funding. IEEE Student Branch QUEST Larkano Campus lecturer series was held on December 6, 2022. Registration of the event was free of cost and there were about 450 participants students from different IEEE student branches such as IEEE SB Branch Sukkur as well as IEEE graduated members also.











6th of December 2022 at Quest Campus, Larkana.

Lunch

at duest campus, Larkana.	
RECITATION	9:00 AM
Importance of Volunteering and use of IEEE Vtools	9:10 AM
Dr. Kashif Hussain Assistant Professor IBA Sukkur	
Leaders In IEEE with Impactful Communication Skills	9:45 AM
Dr. Toufique A.Soomro IEEE Branch Counselor IEEE SB QUEST Larkano	
Benefit of IEEE YP in Professional Life	10:15:AM
Mr. Mumtaz Soomro Chair IEEE Young Professionals Karachi Affinity Group	
Alumni Gathering	12:00 PM
Welcome to Batch-22ES and IEEE Membership Drive	12:00 PM
Dr Irfan Ali Tunio IEEE Execuive Member Assistant Professor QUEST Larkano	
Certificate and Shield Distribution	12:30 PM
Group Photograph	12./E AM

12:45 AM

VOLUNTEER LEADERSHIP TRAINING (VOLT)





The IEEE Student

Branch QUEST Larkano Volunteer Leadership Training (VOLT) was held on 06, December Registration of the event was free of cost and there were about 430 participants and 20 IEEE members. The event was arranged at IT hall of quest campus Larkano. We are honored by the Chief Guests and various Guest speakers as the poster of events are attached.

A truly game-changing event for the young talented minds. providing opportunity and beneficial ideas for the development of young leaders. The first step toward success is to establish clear communication. Leaders exist to guide and establish a strong community, to bring people together. Here are some of the learning outcomes we came to:

GUEST SPEAKERS

Dr. Kashif Hussain (Branch Counselor of Student Branch Sukkur IBA University) delivered a talk on the benefits of IEEE Volunteering and how volunteers can benefit from IEEE volunteer tools. The talk comprehensively covered the major benefits of IEEE student membership and how students can utilize their skills for personal and professional growth. The talk also highlighted the available funding and fellowships for the IEEE members and how they can actively participate and get such benefits. In the later part of the talk, Dr Hussain provided useful insights regarding the use of IEEE vtools to keep the branch activities updated.

- Importance Of Volunteering and Use of IEE Vtools
- 2. Leaders In IEEE With Impactful Communication Skills
- 3. Benefits Of IEEE YP In Professional Life
- 4. Alumni Gathering
- 5. Welcome To 22-ES Batch and IEEE Membership Dive

VOLUNTEER LEADERSHIP TRAINING (VOLT)





Dr Irfan Ali Tunio (Active IEEE members and executives Member IEEE SB QUEST Larkano Campus) gave talk on benefits of membership of IEEE as well as start work to promote the IEEE membership among students and graduate students.

The VOLT's primary purpose was to improve volunteers' leadership skills and promote the IEEE membership drive. We managed the event and made our event of VOLT more successful. Our student's leadership competency framework they designed, organized and evaluated basis on student learning and development as leaders, and these parameters are:

Dr. Toufique Ahmed Soomro (Branch Counselor of Student **Branch QUEST Larkano Campus**) delivered talk on Leadership and impact of communication. The main purpose his talk to convey the message that how can involvement in IEEE to make leaders and improve communication skills. volunteers' roles in IEEE gives life learning student experiences as well as improve their skills and mindsets to become good leaders and promote positive in the life as well as work for community.

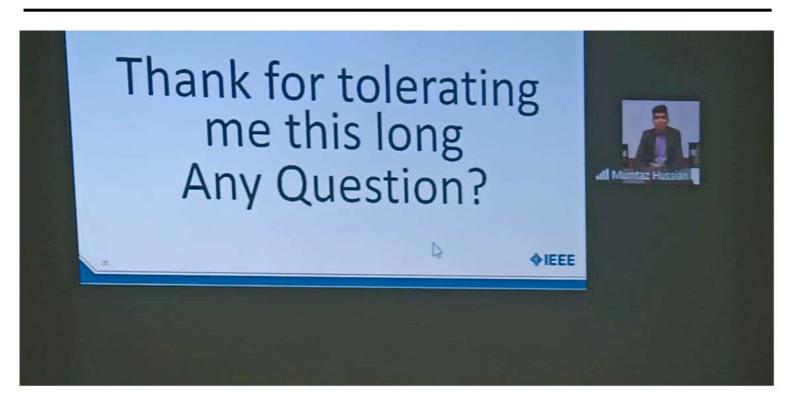
Mr. Mumtaz Hussain (Chair of IEEE Professionals) Young highlighted the importance of networking in professional life and how YP AG can help professionals from all walks of life build to long-lasting professional bonds within academia and industry as well. He also talked about the fee structure of IEEE and how the GSM fees of Professional members totally worth it. Furthermore, he shares his achievement as a YP Chair and shared various funding and volunteering opportunity available beyond the branch and section level opportunities.

VOLUNTEER LEADERSHIP TRAINING (VOLT)

- 1. Inclusive Build diverse teams which are more innovative and resilient
- 2. Empathetic Understand other cultures, and bring in broader perspectives
- 3. Agile Work with differences, and adapt to new environments
- 4. Open Suspend assumptions, and live with ambiguity
- 5. Influential Build trust, and solve complex challenges IEEE Student Branch QUEST Larkano Campus VOLT 22 was held on December 6, 2022.

Registration of the event was free of cost and there were about 450 participants students from different IEEE student branches such as IEEE SB Branch Sukkur as well as IEEE graduated members also.

The event was arranged at it hall of quest campus Larkano. We are honored by the Chief Guests Pro-Vice Chancellor QUEST Campus Larkano. Some moments of events are shown in below photos.





QUAID-E-AWAM UNIVERSITY OF ENGINEERING SCIENCE &

TECHNOLOGY LARKANO CAMPUS ELECTRONICS DEPARTMENT

PRESENTS

Donation Campaign For The Needy

FROM (MONDAY 13-02-2023) TO (FRIDAY 17-02-23)

Let's help the ones in need, the world will be a better place with your help. Be an agent of change!



DONATION CAMPAIGN FOR THE NEEDY







In the second phase of the donation drive, the collected donations were distributed among the needy people in the community.

In conclusion, the donation drive held at Quaid-e-Awam University of Engineering Science and Technology Larkano Campus was an excellent example of community service and philanthropy. Such events play a crucial role in creating a more compassionate and equitable society, and we hope to see more such initiatives in the future.

إِتَّقُوْا النَّارَ وَلَوْ بِشِقِّ تَمْرَةٍ

Prophet Muhammad, upon him be peace, said, "Protect yourself from hell-fire even by giving a piece of date as charity." (Al-Bukhari and Muslim).

charity is important because it helps to provide assistance to those need. in promotes empathy and compassion, strengthens communities, creates a sense of purpose, and fosters personal growth. By engaging in charitable activities, individuals can make a positive difference in the world and improve their own well-being at the same time.

On 13th February 2023, the Electronics Department of Quaid-e-Awam University of Engineering Science and Technology Larkano Campus organized a donation drive to help the needy people in the community. The event was divided into two phases to collect and distribute donations effectively.

In the first phase of the donation drive, all stakeholders of the university, including students, teachers, and other staff, actively participated in raising donations, The participants donated clothes and money, and the response was overwhelming.



QUAID-E-AWAM UNIVERSITY OF ENGINEERING SCIENCE & TECHNOLOGY LARKANO CAMPUS ELECTRONICS DEPARTMENT PRESENTS

THE FOOD FEST



The Messenger of Allah said: 'Eat together and do not eat separately, for the (ﷺ) blessing is in being together

22-FEB-2023 FROM 12:00 PM ONWARDS

@ Electronics Department QUEST Larkano Campus

FOOD FESTIVAL AT QUEST CAMPUS LARKANA



The 2nd year students were bring Fruit Chart, Spicy and some traditional Foods. Where the 3rd year & 4th year brought Fried Singara with a savoury filling, Soft drink & Fried Fish with soft Roti, Tea (Milk tea & Green Tea) and much more, We really enjoyed this festival. As the end of the event was approaching there was a sense of satisfaction on the faces of students and volunteers.

The conclusion of a food festival event presents an opportunity to reflect, learn and plan for future events, building upon the successes and overcoming the challenges to create event more successful and enjoyable events in the future.

The Food Festival

was organized by Dr. Irfan Ali Tunio on Feb 22, 2023 from 12pm to 03 pm at QUEST CAMPUS LARKANA. The main purpose of this event was food engaging Students in festival Which would be a different and interesting thing for students to explore. It was very well-organized festival and many students voluntarily participated in this event.

The students of ES Dept. 1st year, 2nd year, 3rd year, 4th year & some are from City Larkana Ice Cream, larkana Chicken Biryani & B.B.Q were arrange the food stalls at Department of Electronics Engineering. Dr. Irfan Ali Tunio gave an informative speech on the importance of Food Festival at the start of the event.

The Head of the Department of Electronic Engineering Dr. Toufique Soomro & all respective Professors started the festival. After that, students stated serving and selling the food. A Certification of Appreciation, Volunteer card were given to each food stall students.

The 1st year students of ES and CS (22 Batch) made delicious food at very low cost, like Chicken Burger, Sandwitch & Crispy French Fries.



QUAID-E-AWAM UNIVERSITY OF ENGINEERING SCIENCE

& TECHNOLOGY LARKANO CAMPUS ELECTRONICS

DEPARTMENT PRESENTS



PLANTATION DRIVE 2023



THURSDAY, FEBRUARY 23-2023

SAID, (ﷺ) ALLAH'S MESSENGER
"THERE IS NONE AMONGST THE
MUSLIMS WHO PLANTS A TREE OR
SOWS SEEDS, AND THEN A BIRD,
OR A PERSON OR AN ANIMAL EATS
FROM IT, BUT IS REGARDED AS A
".CHARITABLE GIFT FOR HIM





PLANTATION DRIVE 2023







provided with saplings of different species of trees such as Mulberry, Java Plum, Neem, Guava etc were carefully chosen to suit the local environment.

The plantation activity was concluded with a brief speech by the Provice Chancellor, who thanked the participants for their active involvement in the event. He stressed the importance of continuing such activities and pledged to support them in every possible way.

The event was a great success, and it left a lasting impression on all the participants, encouraging them to work towards a better and greener future.

Planting trees

important for the environment society and because it helps to mitigate climate change, improve air and water quality, conserve biodiversity, and promote sustainable livelihoods. It has a positive impact on the environment absorbing bν carbon dioxide, producing and reducing oxygen, pollution, while also providing benefits economic and enhancing the overall quality of life for people.

The plantation activity held at Quaid-e-Awam University of Engineering, Science & Technology Larkano Campus on 23rd Feb 2023 12:00 PM was a great success.

Initially the initiative was taken by the Dr. Irfan Ali Tunio and the activity was inaugurated by the esteemed Provice Chancellor, Prof. Dr. Zahid Hussain Abro, who demonstrated a keen interest in the cause of preserving our environment and promoting greenery.

The event was attended by a large number of students, faculty members, and administrative staff, who showed great enthusiasm and participation in the activity. The participants were

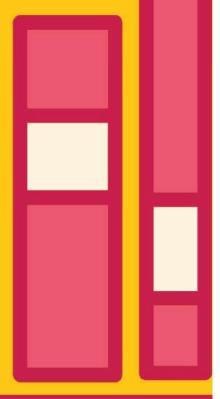
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THURSDAY, FEBRUARY 23-2023

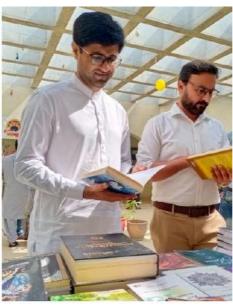
WHEN YOU LEARN TO READ YOU WILL BE BORN AGAIN...AND YOU WILL NEVER BE QUITE SO ALONE AGAIN...RUMER GODDEN





THE BOOK FAIR









The event from book donation generated a handsome amount of 7 thousand rupees which were donated to a community school for purchase of some chairs and tables for school kids.

The guest of honour, Dr Zahid Hussain, PVC Campus, thanked all donars and participants for making the event a success and encouraged Electronic Engineering department for organising such healthy activities.

A Book Charity Fair

organized by the Electronic Engineering Department.

This initiative aimed to promote the love for reading and knowledge-sharing within our academic community and beyond, while also supporting a noble cause. The event was open to students, faculty, staff, and the general public.

Event Highlights:

Book Donations:

We encouraged everyone to participate by donating new or gently used books. These books can cover a wide range of genres, from engineering and technology to literature, fiction, non-fiction, and more.

Book Sale:

The donated books were available for purchase at affordable prices. The funds generated through book sales were used to support educational initiatives for underprivileged communities.

Apart from donated books, a book vendor named National Education Foundation took participated as well and sold all kinds if books at very low prices.

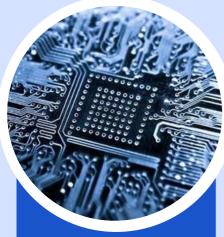


QUAID-E-AWAM UNIVERSITY
OF ENGINEERING, SCIENCE &
TECHNOLOGY LARKANA CAMPUS
ELECTRONICS DEPARTMENT

Hands-on Training Sessions on: MultiSim, Arduino & Raspberry Pi

"Develop a passion for learning. If you do, you will never cease to grow." – Anthony J. D'Angelo DISCOUNT UP TO 15% FOR 1ST TEN STUDENTS ONLY FOR EACH SESSION

15% OFF



MULTISIM

INTRODUCTION & SIMULATION ON

MULTISIM

• VENUE: COMPUTER LAB TENTATIVE DATE:

13,14 -03-2023

- TIME: 1:00PM TO 4:00PM
- NO: OF SESSIONS: 02

Rs. 500 / Person

INSTRUCTOR: ENGR. AAKASH ALI JUNEJO

Registration Start From: 15-02-2023 to 12-03-2023

Session Start From:

13-03-2023



ARDUINO

INTRODUCTION & HANDS ON PRACTICE ON ARDUNO UNO

• VENUE: COMPUTER LAB TENTATIVE DATE:

15,16 -03-2023

• TIME: 1:00PM TO 4:00PM

• NO: OF SESSIONS: 02

Rs. 700 / Person

INSTRUCTOR: ENGR. WAQAR AHMED SHAIKH

For Registration

0344 5621258 Aakash Ali Easypaisa



RASPBERRY PI

INTRODUCTION, OS
INSTALLATION & HANDS
ON PRACTICE ON

RASPBERRY PI

• VENUE: COMPUTER LAB TENTATIVE DATE: 20,21-03-2023

• TIME: 1:00PM TO 4:00PM

• NO: OF SESSIONS: 02

Rs. 800 / Person

INSTRUCTOR: ENGR. AQIB AHMED HAJANO

More Information

0314 4744121 Agib Ahmed Hajano

HANDS-ON TRAINING SESSION ON MULTISIM





They were provided with examples of simple circuits and guided on how to draw them in Multisim. The participants then had the opportunity to simulate these circuits, enabling them to visualize the behavior and performance of electronic components in a virtual environment. This handson experience helped solidify their understanding of circuit design and analysis using Multisim.

Following the successful completion of the workshop with Batch 21, it was time for Batch 22 to embark on their Multisim journey.

On the 13th

March, an exciting and informative 2-day workshop on Multisim was held at Electronics Department QUEST Larkano Campus. This workshop saw the participation of two batches, namely Batch 21 and Batch 22 from the Electronics Engineering Department. The event aimed to familiarize students with the powerful circuit design and simulation software, Multisim, and provide them with handson experience in creating and analyzing electronic circuits.

The workshop commenced with the participation of Batch 21, who eagerly delved into the world of Multisim under the guidance of Engr. Waqar Ahmed Shaikh. With his expertise and knowledge, Engr. Waqar Ahmed Shaikh effectively conveyed the essential concepts of Multisim to the enthusiastic participants. He began by introducing the students to the various tools, and devices, components available in Multisim, ensuring they understood the software's capabilities thoroughly.

After gaining a comprehensive understanding of the software, the students were introduced to basic circuit simulations. 48

HANDS-ON TRAINING SESSION ON MULTISIM





The 2-day workshop on Multisim at the Electronics Department of QUEST Larkano Campus provided an excellent platform for students to enhance their understanding of circuit design and simulation. By equipping them with the necessary skills and knowledge, the workshop empowered the participants to explore their creativity and excel in their future endeavors in the field of electronics. The event served as a reminder of the importance of practical hands-on training in supplementing theoretical knowledge, ultimately shaping well-rounded and competent engineers.

Engr. Aakash Ali Junejo took the conducted reins and and interactive engaging session for the eager Similar participants. to the previous batch, Batch 22 received а comprehensive introduction to Multisim, followed by practical exercises on circuit simulations. Engr. Aakash Ali Junejo ensured that participants received personalized attention and guidance throughout the workshop, enabling them to make the most out of their Multisim experience.

The workshop proved to be a resounding success, thanks to the dedicated efforts of both facilitators the and the enthusiastic participation of the students. Upon completion of the workshop, each student was with honored a workshop completion certificate, recognizing their commitment and achievement. The certificates were presented by the esteemed Pro Chancellor, Dr. Zahid Hussain Abro, and the Chairman of the Electronics Department, Toufeeq A. Soomro. This gesture served as a testament to the students' hard work and dedication throughout the workshop. 49



QUAID-E-AWAM UNIVERSITY OF ENGINEERING, SCIENCE & TECHNOLOGY LARKANO CAMPUS

Every two seconds, someone needs blood.

BLOOD DONATION CAMPAIGN

DONATE BLOOD & SAVE LIVES



"And whoever saves a life it is as though he had saved the lives of all mankind" (5:32).

QUEST LARKANO CAMPUS



THURSDAY, APRIL 13-2023 AT 10:00A.M

BLOOD DONATION CAMPAIGN









The program attracted a diverse array of participants, including senior students of the campus and numerous members of the local community. This amalgamation of individuals from various walks of life exemplified the universality of compassion and the shared responsibility towards humanity. The donated blood, collected during the camp, aimed to benefit Thalassemia patients, who rely on such contributions for their survival.

To express gratitude towards the participants, the campus administration thoughtfully arranged refreshments for the blood donors.

Human blood

an irreplaceable element crucial for sustaining life, depends heavily on voluntary donors. These individuals, who selflessly contribute their blood, form the foundation of a safe and sufficient supply of blood and its products. Recognizing the importance of such donors, on 13th April 2023 (Wednesday), **QUEST** Campus Larkana organized a blood donation camp, fostering a spirit of compassion and altruism. The organized camp, by Electronics Department, aimed to support the **Fatimid** Organization, a noble cause that saves countless lives.

The central canteen area of the buzzed with campus anticipation as the clock struck 10 in the morning, marking the commencement of the event. The Pro Vice Chancellor of the understanding campus, significance of the occasion, extended a warm invitation to the director of the Provincial Public Health Initiative (Larkana) to grace the event as the chief guest. The Director, adorned with the responsibility inaugurating the camp, elegantly the cut ribbon, marking the official start of the donation drive.





NETWORKING, CAREER COUNSELLING & JOB FAIR AT QUEST LARKANO CAMPUS































NETWORKING, CAREER COUNSELLING AND JOB FAIR AT QUEST LARKANO CAMPUS



The workshop also featured a Job Fair, connecting attendees with industry professionals and leading companies. Representatives shared information on job openings, internships, and industry trends, fostering networking opportunities and career exploration.

NETS' initiative, supported by the university, expanded horizons for aspiring networking professionals while emphasizing the institution's commitment to practical learning opportunities. By empowering individuals in the digital era, NETS shapes the future of the networking industry and fosters success for students and professionals.

NETS, the leading

Networking Education and Training Services provider, organized a workshop on Basic Networking and Counselling, along with a Job Fair, at Quaid e Awam University of Science and Technology in Larkano campus. Led by Mr. Shoukat Adil Memon and Ms. Fozia Qadir, the event aimed to equip attendees with essential knowledge and insights into broadband and managed services. Participants explored network infrastructure and security, gaining necessary for success in the digital landscape.

Mr. Memon emphasized the importance of networking education today's in technology-driven society. The various workshop covered networking topics, offering hands-on demonstrations and fostering interactive discussions. **Participants** actively engaged and deepened understanding their concepts. Career counselling provided valuable guidance on networking career paths, professional development, and job searching strategies. Ms. Qadir's expertise enriched participants' knowledge industry opportunities.