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Android Development Workshop
MESSAGE FROM VICE CHANCELLOR

It is my privilege to get this opportunity to serve Quaid-e-Awam University as its Vice Chancellor. I am indebted to Almighty Allah for His continued blessings on me. I am also thankful to all my colleagues for trusting me for this responsibility.

I have felt great affection with this wonderful institute all my life. Quaid-e-Awam University is one of the premier engineering, science and technology institution of Pakistan. The university is known for producing high quality graduates and for its service to the nation. It has become a place of excellence in Pakistan in higher education and scientific research. Quaid-e-Awam University is one of the leading public sector universities of Pakistan, which is dedicated to meet many complex challenges facing us today. The university has a sub campus in Larkana and a constituent college in Nawabshah. We provide a platform for promising minds to come together, pioneer new thought and serve the world around them. And for this, we provide the right mix of faculty, resources, environments and technology so that both learners and teachers are inspired to create, explore, discover, challenge and lead. At Quaid-e-Awam university, it our vision to make our university the best educational institute in the country. Our strategy to achieve this vision is to ensure and practice go hand in hand. We would like to open all the doors of promoting the research potential of the students, which will enable them to use their academic knowledge for practical projects. To this end, we have built bridges between the University and the corporate sector, opening the way for research, and making students apply their academic skills to practical projects.

We aim for all this to take place in a university environment that is safe and friendly, and at the same time disciplined, as envisaged by the Quaid-e-Azam. Because we feel that along with studies it is equally important to develop the good old values of character, decency, honesty and consideration for one another. We believe that young people should have a say in shaping their destinies, we therefore help them to discover their potential, prepare for life and help make a positive impact on the world around them. The unusually high youth population of Pakistan presents a wonderful opportunity for us to play a role in motivating young people to be passionate about rendering positive service to society, and enable them to do so. Because real fulfillment for any person lies in the service to his fellow human beings.

Profile

Prof. Dr. Saleem Raza Samo is currently serving as Vice Chancellor of the Quaid-e-Awam University of Engineering Science & Technology (QUEST), Nawabshah, Pakistan. He obtained his Bachelor’s degree in Mechanical Engineering from Pakistan and started his teaching career in QUEST, as a lecturer. He secured his Master’s degree from Asian Institute of Technology (AIT) in Energy Technology and PhD in Building Energy Assessment Methods from University of Manchester Institute of Science and Technology (UMIST), Manchester, UK. He also acquired specialization in the field of Energy and Environment. Prof. Dr. Samo established the “Energy & Environment Engineering” department in 2005 in QUEST and became its first chairman. He has more than 60 research publications and is supervising several MPhil & PhD students. He has vast experience of Energy conservation in buildings and also working on utilization of alternate and renewable energy sources. He has organized many National conferences, seminars, workshops, training courses and International conferences in QUEST. He has received many cash prizes and “Best Teacher Award” from HEC Islamabad in 2001 and 2007.
An Exclusive Interview of Vice Chancellor, QUEST
INSIDE QUEST INTERVIEW DEPARTMENT

(QID): What opportunities are there for QUEST to operate on the national and international stage?
Prof. Dr. Saleem Raza Samo (SRM): Competitive infrastructure and facilities are available here. The latest equipment in laboratories can provide opportunities at both national and international level to conduct research and innovation that will be beneficial for the society.

(QID): Would you explain your vision for research at QUEST?
(SRM): We are blessed to have such good amount of diverse scholars from all parts of the world. Now it is time to provide them a competitive research and development environment, which starts with establishing research centers in diverse areas of engineering, science and technology, which would allow them to conduct competitive research and they will be able to target national and international funded company projects and in order to thrive for this the scholars will be supported with research associates and assistants also including support staff which will work hard in order to meet day to day operations of the research centers.

(QID): What do you remember from your own time at QUEST?
(SRM): When I was offered admission in this University at that time back in 1981 it was known as constituent college of Mehran University renamed as Mehran University College of Engineering and Technology (MUCET), Nawabshah which was then upgraded through an Ordinance and Later an Act of Sindh Assembly and named as Quaid-e-Awam University of Engineering, Science and Technology (QUEST), Nawabshah on 7th August 1996. There were only three departments which included Civil, Electrical and Mechanical Engineering with few faculty members and about 120 students. We were just like family members. The teachers were very committed, hardworking and helpful. With due respect among all stake holders it was witnessed, that students were encouraged and motivated to participate in all extra-curricular activities.

(QID): What are your plans for alumni relations?
(SRM): My team has already started working to develop good contacts among all alumni. In near future we will arrange meeting of our alumni members. I personally believe that alumni can help and part their active role for upgradation of name and fame of our Alma Mater.

(QID): What do you consider are the main challenges faced by QUEST and which of them are at your top priority?
(SRM): At present the university along with its colleges are facing financial crises, still we are having power issues in our facility and another problem we are facing which is a very pressing issue is change of mindset, we need to have positive mindset in order to strive for the betterment of our university. I believe that with active role and participation of all stakeholders (Faculty Members, Officers, Employees and Students). We will overcome this financial crisis and for that, we all have to work hard to improve the working environment with better living facilities. We have to set small targets and achieve success in it in order to earn the title of the “Best University”

(QID): What would be your message for teachers and students of this institute?
(SRM): I would request that please be committed and loyal to your Alma Mater i.e. QUEST Nawabshah.

(QID): How would you like your Vice-Chancellorship to be viewed in coming years? What, would success look like for you?
(SRM): I wish and pray that our university would be recognized amongst the top rank international universities. I am sure that our faculty members, officers and students will work hard to achieve this goal and the title of the “Best University” in near future insallah.

(QID): What opportunities are there for QUEST to operate on the national and international stage?
(SRM): Competitive infrastructure and facilities are available here. The latest equipment in laboratories can provide opportunities at both national and international level to conduct research and innovation that will be beneficial for the society.
Founded in 1880, The American Society of Mechanical Engineers, also known as ASME, is the premier organization for promoting the art, science and practice of mechanical engineering throughout the world.

QUEST has a student section basically a society of ASME for various students activities at the institute named as ASME QUEST Chapter. This Chapter was chartered on August 11th, 2008 by young emerging students of 09-Mechanical. The Society’s mission is to serve diverse global communities by advancing, disseminating and applying engineering knowledge for improving the quality of life, and communicating the excitement of engineering.

In 2018, ASME QUEST Chapter has organized many different technical and academic events with the guidance of academic counselor Prof. Dr. Altuf Hussain Rainier and faculty adviser Dr. Gorden Das Valaseal. The team for 2017-18 was selected and approved by the chairman of mechanical engineering department Prof. Dr. Abdul Sattar Jamali and faculty adviser Dr. Gorden Das Valaseal. This team contains combination of seniors and juniors for the teamwork whose every member possess some personal skills. The team leader, a chair of the society, Mr. Atif Munir containing high intellectual & leading skills, leading his whole team in order to embellish their interpersonal skills and achieve the objectives of the society.

There's nothing better than people talking to each other, sharing best practices, and opening up communications. The orientation ceremony of newcomers is the very first activity of each new body since it was chartered. This year also it was generously organized by ASME executive council 2017-18. The Orientation’18 for freshmen held successfully where the students were given knowledge & motivated in the field of engineering and they had given the chance to present their views also.
ASME is renowned for arranging technical workshops. As Microsoft Excel is one of the most used software in the professional world, ASME hosted a One-Day Hands-on Workshop on “Excel for Engineers” in the collaboration with Mechanical Department. In which, students familiarized with the basic tools of the Excel and were able to learn some of the more advanced features of Excel and practiced some engineering related problems that can be easily solved with the help of Microsoft Excel.

Simulation is an important feature in engineering systems or any system that involves many processes. ASME QUEST Chapter has also organized an introductory session on “Heat Transfer Using ANSYS” for the Final Year students of Mechanical & Chemical Engineering in which an expert instructor delivered a brief session on the basics of heat transfer analysis & its applications through use of software. It helped students how actual heat gets transfer in engineering applications and they visually analyzed them.

After successfully organized last year, ASME repeated the activity of “Engine Overhauling for 70CC Motorcycle” on student’s request. It was a Two-Day (8-hours) workshop in which students got hands on experience of the working principle of IC engine by disassembling into its components. Engr. Kashif Abbasi from Mechanical Engineering Department was the instructor of the workshop, who guided the students about thermodynamics cycles, working mechanism of engine, clutch, brake, gearbox, fuel system, carburetor, valve timing and engine cooling system. The certificates were also distributed among the participants.

As like other activities, ASME QUEST chapter organized workshop on “Piping Engineering” in collaboration with EIPS-Engineer’s Institute of Professional Studies Hyderabad, registered with Federal Ministry of Education Islamabad under National Training Bureau (NTB). This was a One-Day 1 CPD Point based workshop to familiarize the graduates and undergraduates with the standards, piping layout, material, fabrication procedures and practices involved in the location of equipment and layout of piping systems. Undergraduates and graduates of Mechanical, Chemical, Petroleum, and Energy & Environment
YOUTH PARLIAMENT QUEST CHAPTER

Quest Parliament was the prime event of Youth Parliament Quest chapter organized on 12-14 January 2018. The main objective of this event was to bring the youth at the fore-front and provide them an opportunity to learn diplomacy, debating, critical thinking and leadership. This was the first low cost mega debating event in QUEST in which debaters from all over Pakistan came and indulged in productive debates and found solutions to our problems in a constructive manner. The event was the simulation of the Parliament and consisted of a national assembly and four provincial assemblies. The debaters simulated the members of the parliament and followed the parliamentary procedure throughout the three day conference. The event also received media coverage.

The event was attended by Mrs. Farheen Mughal (former MPA of Pakistan Peoples Party), Mr. Noman Siddique (Commissioner Nawabshah), Syed Ehtesham Naqvi (President of Muslim community scouts) and Mr. Rizwan Jaffer (Chairman Youth Parliament and anchor Aaj News).
This three-day residential event was meant to foster negotiation, speaking, communication and leadership skills. It served as a landmark event in building the confidence of youth and making them familiar with diplomacy and policy making. The event also consisted of a culture and musical night which let the participants to know each other better and explore the cultural diversity of Pakistan.
Mehran Engineers Intellectual Forum 
Work Report

Blood Donation Camp
Every year Mehran Engineers’ Blood Donation 
Association (MEBDA) organizes a blood camp to 
collect blood pints for the Thelisimia Patients. In 
December 2017, we organized a blood donation 
camp and 145 pints were given to Thelisimia 
Centre Nawabshah. This is one of the biggest and 
oldest communities work Mehran Engineers’ 
Intellectual Association has been doing since 1988 
at Nawabshah. Not only blood camp but also it 
helps to every needy person on daily basis.

Allama Iqbal Shield Declaration Contest
Allama iqbal shield declamation contest is a 
national competition which is held every year on 
University level, Provincial level and then 
National level. It is Bilingual declamation 
contest. This year first round at Quaid-e-Awam 
was held at the Senate Hall on 21st March 2018. 
The was hosted by the Mehran Engineers’ Inte-
lectual Forum. This guest of honor of event was 
the Honorable Vice chancellor of Quest. Here are 
the few glimpses of the event.
Australian Endeavour Scholarship Seminar

Australian Endeavour Scholarship seminar was held at the Seminar hall of Environmental Engineering Department Quest Nawabshah on 8th March 2018. This seminar was delivered by Mehran Engineers’ Intellectual forum and by the ambassador of Australian Endeavour Scholarship Mr. Rasool Baksh from IBA Sukkur.

Panel Discussion on Career Development

Panel discussion on career development in foreign countries was held at Senate hall on 20th February 2018. This event was organized by Mehran Engineers’ Intellectual forum. It was a discussion between students and a panel of teachers from the University. One of the objectives to organize the event was to reduce learning gap between teachers and students.
Yarran Jo Melo

“Yarran jo melo” is a nostalgic event or a reunion host by the Mehran Engineers’ Intellectual Forum. This event was held at A sector Lawn on 18th March 2018 with an objective to gather the old friends of QUEST at one place and recall the memories of University. There were many of Alumnies of QUEST who attended the event with the Honorable Vice Chancellor Dr. Saleem Raza Samoo, Former Vice Chancellor Ali Bux Soomro, Chairman Civil Engineering Dr. Abdul-lah Saand and Principal QUQUEST Larkana Dr. Niaz Ahmed Memon. The event started with the recitation followed by the Dinner at Lakha Hotel Naka and ended with the sufi musical program.
Model United Nations are organized throughout the world to let its participants understand the proceedings of United Nations. Besides, it also helps them get insight into global affairs, learn the art of diplomacy, debating, critical thinking and leadership.

This year, fourth edition of QUEST-MUN was held from 18 to 20 Feb 2018. It was a three-day residential event in which debaters from different parts of Pakistan including Karachi, Sukkur, Multan and Quetta participated. The event consisted of 5 committees where participants discussed and found solutions to major problems faced by the world today. The event also comprised of two social events including a musical function where the well-known singers entertained the audience. QUEST-MUN is a signature event of Quaid e Awam university which is held every year and is well received by all the students as it provides them a perfect opportunity for learning and socializing.
C-CUBE: COMPUTING, COMPETITION & CREATIVITY

The department of Computer Systems Engineering Quaid-e-Awam University, Nawabshah, organized a two-day event named Computing Competitions & Creativity, C-CUBE on 21-22 February 2018. The event was organized with a motive of providing the students an opportunity where they can show-case and develop their professional skills. The event comprised of 12 different competitions including a quiz competition, speed programming, graphic designing, web designing, database designing, project exhibition and many other competitions. Besides, there were technical and motivational lectures for students. Students from more than 7 universities participated in this event including MUET Jamshoro, University of Sindh, IBA Sukkur, SBBU Nawabshah and many others. The event served as a platform for the students to explore their interest, interact with each other, meet like-minded peers, share their valuable ideas, and connect with the mentors.

The honorable guests, including the then Vice Chancellor Prof. Dr. Abdul Karim Baloch, Dean faculty of engineering (CS,EL,ES,TC) Prof. Dr. Usman Keerio, chairman (BSIT) Dr. M. Saleem Vighio visited various competitions and appreciated the talented students and lauded the efforts of the team for organizing the event exquisitely.
**QUEST vs MUET CRICKET TOURNAMENT**

A friendly cricket match was played between Quaid-e-Awam University of engineering Science and technology Nawabshah faculty team vs Mehran University of engineering Technology Jamshoro. Team QUEST was led by Waqas Ali Sahito from IT department and Team MUET was led by Mohsin Shabir. The match was played at QUEST sports complex which was won by team QUEST while defending the score of 145 in 12 overs. The man of the match was Dr. Insaaf simming for his blistering 50 in 22 balls.
A cricket match was played between QUEST Nawabshah led by Waqas Ali Sahito and Shaheed Benazir Bhutto University led by Abdul Jabbar Brohi. This was a friendly cricket match between the faculty of two universities. The match was won by QUEST Nawabshah while chasing the target of 106 runs in 10 overs. Dr. Javed Laghari was selected as man of the match for his all-round performance. The match was played at the Sports complex QUEST.
The department of Telecommunication Engineering organized an event entitled as Communico’18 on 6th March 2018. The event included a series of sessions which are Scholarship Hunt by Dr. Intesab Hussain, Chairman Telecommunication Engineering Dept, modern trends in Telecom and evolution of telecom industry which were delivered by students and the event was concluded with IEEE Session which included the opportunities and benefits of IEEE. The event was chaired by Engr. Fizza Shah.
THE PROJECT EXHIBITION

The department of Telecommunication Engineering, organized a departmental project exhibition for the undergraduate students, held on 22nd March 2018. More than 40 teams participated in the competition. All the projects were reflecting the best efforts of the students. 1st year projects were supervised by Engr. Sundas Metlo, 2nd year projects were supervised by Engr. Leela Wanti and Final year semester projects were supervised by Engr. Mujeeb-ur-Rehman Laghari.

Prof. Dr. Usman Keerio (Dean FEECE QUEST), Dr. Pardeep Kumar (Chairman Computer Systems Dept) and other faculty members visited the exhibition and appreciated the students for their efforts and encouraged them to continue such work in coming years.

THE TECHNICAL WORKSHOP IN BS(CS) DEPARTMENT

Interdepartmental Database Exhibition

Interdepartmental database exhibition was held at the department of Computer Science on 16-05-2018. The students of the Computer Science department presented database applications covering a wide range of real-life scenarios from railway reservation system to payroll system. All the projects were evaluated by the team of experts and some projects were selected for certificates of appreciation and cash prizes. The worthy Vice Chancellor honored the event with his presence and distributed the certificates and prizes among the students. On the occasion, the Vice Chancellor appreciated the efforts of the teachers, students and specially the Coordinator BS(CS) for organizing such an event.

Workshop of Web Technologies

On 17-07-2018, a workshop on Web Technologies was arranged for the students of BS(CS). Some latest tools like WIX, Weebly, Wordpress, and Zoho Sites were presented during the workshop. Students took keen interest on this hands-on tutorial and developed their own version of web sites using these latest technologies.

The chief guest, worthy Vice Chancellor Dr. Prof. Saleem Raza Samo, appreciated the initiative taken by the students. In the end, the worthy Vice Chancellor distributed the certificates among the organizers.
TWO DAYS ARDUINO WORKSHOP

The department of Telecommunication Engineering organized a two-day Arduino workshop in Senate Hall for the students of Telecommunication, Electronics, Computer Systems, Computer Science and Information department. The workshop was chaired by Dr. Intesab Hussain Chairman Telecommunication Department. The event Management was led by Engr. Sundas Metlo, and Workshop Instructor was Mr. Asad Ujian who trained students in depth about Arduino and its possibilities with many industrial and home applications.
A one-day workshop on Android App Development was organized by Telecommunication Engineering Department in Software Engineering Lab, Information Technology Department on 14th March 2018. The participants were from various departments including Telecommunication, Computer Systems, Computer Science and Information Technology. The workshop instructor was Mr. Mujeeb-ullah-kalwar 3rd year undergrad student of computers science department.
Event Coordinators: Engr. Atta Muhhamad Panhayar & Dr. Intesab Hussain
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