

# BUIITEMS

Quality & Excellence in Education



Volume: 76

# NEWSLETTER

## Our Vision

To be among the leading universities of the world - accessible to all, imparting quality education and promoting cutting edge research.

## Mission Statement

At **BUIITEMS**, we are committed to providing quality education with focus on research and to equip students with the art of living as productive members of society, contributing to the socio-economic uplift of Pakistan in general, and Balochistan in particular.

## Our Goals

- ✘ To provide outstanding academic programs that further strengthen our performance, pre-eminence and efficiency.
- ✘ To provide an excellent teaching and learning environment to students to reach a level that matches the atmosphere prevailing at best universities in the world.
- ✘ To raise revenues from partnerships, research grants and technology transfer while strengthening our ability to more effectively invest and allocate resources for education.

## Our Core Values

- Accountability:** We are committed stewards of the human, fiscal and physical resources entrusted to us.
- Diversity :** We recognize that diversity leads to excellence, enhancing our teaching, scholarship and service as well as our ability to respect and interact with people.
- Integrity :** We practice honesty, truth and integrity in all that we do.
- Respect:** We treat each other with civility, dignity and respect.
- Social responsibility:** We contribute to intellectual, cultural, spiritual and economic well-being of the society.



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# Editorial

Impact of universities is largely determined by individual efforts and involvement in the academic, interpersonal, and co-extracurricular offerings on a campus. Such activities are associated with a range of positive educational practices and conditions, including student-faculty contact, active learning, peer interaction, prompt feedback, and inclusive learning environments. They underpin the goal of teaching students to be responsible and fulfilled human beings with opportunities that develop character, critical thinking, social skills, and talents. Similarly, Arts education encompassing art forms such as drawing, painting, sculpture, film making, architecture, etc., is part of the cultural heritage of the region and nation.

Fine arts program at BUITEMS, apart from educational and academic learning, also provide learners with non-academic benefits such as promoting self-esteem, motivation, aesthetic awareness, cultural exposure, creativity, improved emotional expression, as well as social harmony and appreciation of diversity. These are the very fibers of the fabric known as our Balochistan culture and society.

Faculty development is an essential element of institutional effectiveness in higher education. Faculty who engage in professional development experiences benefit also in terms of increased vitality, informed pedagogy, teaching innovations, and scholarly teaching. BUITEMS support for faculty professional development contributes to the effective use of emerging technologies and establishes a firm foundation for the overall development of high-quality programs and curricula. Technological developments and characteristics of learners are main components integrated in BUITEMS strategy and direction to find effective ways to motivate and reward faculty participation. We believe that with competing demands for effective teaching, scholarly productivity, and service contributions, faculty may be tempted to opt out of professional development training and seminars.

Accreditation is a means to assure and improve higher education quality, assisting institutions and programs using a set of standards developed by peers. Accreditation signals that the public can have confidence in the worth of an institution or program. BUITEMS regularly ensures that its programs meet threshold expectations of quality and that they improve over time.



## Field Internships for Petroleum & Gas Engineering Students

Reported by: Engr. Zafarullah Abro

The students of department of Petroleum and

Gas Engineering (P&G) joined summer field internships to different Oil and Gas companies for four weeks i.e. July 01 to August 03, 2015. The detailed list of students & field locations are as under:

S.No	Name of students	Field location	Company
1.	Waleed Ismail	Uch Gas Field	OGDCL
2.	Mohammad Raza Akbar	Uch Gas Field	OGDCL
3.	Syed Israrullah	Uch Gas Field	OGDCL
4.	Hayatullah	Uch Gas Field	OGDCL
5.	Tanveer Ahmed	Uch Gas Field	OGDCL
6.	Waleed Khan	Uch Gas Field	OGDCL
7.	Abdul Majid Rahim	Sui Gas Field	OGDCL
8.	Israr Gul Bugti	Sui Gas Field	PPL
9.	Yaqoob Ali	Sui Gas Field	PPL
10.	Mir Ahmed	Sui Gas Field	PPL
11.	Muhammad Jummal	Sui Gas Field	PPL
12.	Muhammad Habibullah	Sui Gas Field	PPL
13.	Syed Shahzeb Shah	Malgin Field	MOL
14.	Yasir Hussain	Manzalai Field	MOL
15.	Owais Mehmood	Head Office	MOL
16.	Fahimullah	Manzalai Field	MOL
17.	Siddique ur Rehman	Daharki Gas Field	MPCL

Engr. Zafarullah Abro, Coordinator for Field Affairs, Department of Petroleum and Gas Engineering arranged these internships.



## Final Year Project Orientation 2015

Reported by: Ayesha Shaukat Baloch

An Orientation session for final year students of Electrical Engineering was organized by the Department of Electrical Engineering on July 10, 2015. Ms. Hina Gohar Lecturer gave a presentation about motivation, hard work and dedication required for achieving the objectives of Study Projects. Mr. Muhammad Mehdi, Assistant Professor/ Final Year Project Coordinator, Electrical Engineering Department provided information regarding the proposal forms. A question-answer session was also held, where faculty members replied to the student's queries.

In-charge Chairperson, Ms.

Ayesha Shaukat Baloch closed the session with vote of thanks to the presenters and the participants.



## Visit of Pakistan Engineering Council Team

Reported by: Shamroze Satazkai, Arbab Abdul Wajid

The Pakistan Engineering Council (PEC) team, comprising of Engr. Prof. Dr. Awais Khatri (Convener & Expert Textile Engineering), Engr. Prof. Dr. Abdul Fattah Chandio (Expert Electronics Engineering), Engr. Prof. Dr. Tanveer Hussain (Expert Textile Engineering), Engr. Prof. Dr. Ghous Bux Khashkeli (Convener & Expert Civil Engineering), Engr. Prof. Dr. Liaqat Ali Qureshi (Expert Civil Engineering), Engr. Prof. Dr. M. Akram Sheikh (Expert Computer Engineering) and Engr. Abdul Ahad Larik (Rep PEC B/O Karachi) visited BUITEMS for two days on July 13, 2015, for re-accreditation of BS (Electronic Engineering), BS (Civil Engineering), BS (Computer Engineering) and BS (Textile Engineering)

programs. The team evaluated the over-all working of the University in respect of quality of education and academic standards. BUITEMS Team including Engr. Abdul Wahid Tareen (Chairperson Department of Electronic Engineering), Engr. Aamir Mahmood (Chairperson Department of Civil Engineering), Dr. Faizullah Khan (Chairperson Department of Computer Engineering) and Dr. Abdul Malik Rehan Abbasi (Chairperson Department of Textile Engineering) gave presentations regarding the academic functions of their respective departments. The Directorate of Quality Enhancement and Accreditation (QE&A) facilitated the team during the accreditation visit.





## Eid Milan Party

Reported by: Umar Khalid

An Eid Milan Party was given by Vice Chancellor,

Ahmed Farooq Bazai and the senior management of BUITEMS to faculty and staff of BUITEMS. The party took place at meeting room on July 13, 2015. Vice Chancellor, BUITEMS, while meeting the BUITEMS family, expressed that it was the time to rejoice in the blessings bestowed upon us by Allah Almighty and he also guided the participants on the future goals to be achieved. He appreciated every individual who is contributing in the development and progress of the University.



## Seminar on "Budget Audit"

Reported by: Mohammad Baqir

A seminar on "Budget Audit" was held at the Auditorium, City Campus, BUITEMS on July 25, 2015 organized by the students of Department of Economics with the help of the Event Coordinator, Mr. Mohammad Baqir, lecturer Department of Economics. Audit Officers, Mr. Muhammad Khan Baloch and Mr. Muhammad Ejaz Hussain from Pakistan Audit and Accounts Academy Quetta (PAAAQ) were the Resource Persons. The guest of the occasion was Mr. Mahmood Amir (Director General (PAAAQ)). The event was chaired by Dean Faculty of Management Sciences Dr. Abdul Salam Lodhi. The students of BS (Economics) and BS Business Administration attended the session. After question and answer session, Dr. Abdul Slam Lodhi presented shield to the DG (PAAAQ).





## IEEE-ICT Graduate Research Colloquium

Reported by: Waheeda Panezai

Faculty of Information and Communication Technology, BUITEMS in collaboration with IEEE Pakistan and Pakistan Space Foundation organized IEEE-ICT Graduate Research Colloquium Final Year Project Poster Exhibition at Sir Syed Block, Takatu Campus, BUITEMS on July 29, 2015.

Students from various departments namely Electronic Engineering, Computer Engineering, Telecom Engineering, Software Engineering and Information Technology participated in the IEEE-ICT Graduate Research Colloquium. They presented their Final Year Project Posters.



The top three finalists were nominated by the panel of judges. The top three positions went to:

- ZigBee Motor
- Photo Mania
- Self-Driven Car and Team Death Race

The winners got cash prizes of Pak Rs.20000, Rs.15000 and Rs.10000, respectively, which were distributed by the Vice Chancellor BUITEMS Ahmed Farooq Bazai .

Later on certificates were distributed among the students who participated





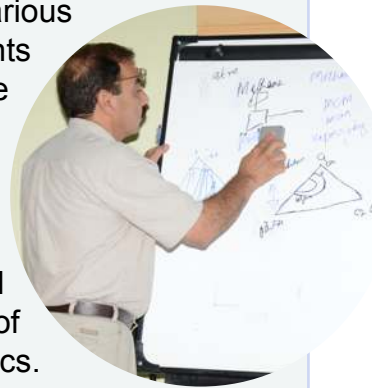
## Borehole Instability and Rock Strength

Reported by: Engr. Imtiaz Ali

Strength from July 30-31, 2015 at BUIITEMS Takatu Campus, under continuing Professional Development with 01 credit point granted by PEC, Islamabad. One hundred eighty nine students from various engineering departments participated in the workshop. In the closing ceremony on August 4, 2015, certificates were distributed to the participant by Dr. Jamil Ahmed Dean Faculty of Life Sciences & Informatics.



The Directorate of Human Resource Development organized a two-day training workshop on Borehole Instability and Rock Strength from July 30-31, 2015 at BUIITEMS Takatu Campus, under continuing Professional Development with 01 credit point granted by PEC, Islamabad. One hundred eighty nine students from various engineering departments participated in the workshop. In the closing ceremony on August 4, 2015, certificates were distributed to the participant by Dr. Jamil Ahmed Dean Faculty of Life Sciences & Informatics.



## Meeting of Board of Studies of Chemical Engineering Department

Reported by: Dr. Najam Khan, Engr. Muhammad Amin

Department of Chemical Engineering conducted its 4th meeting of Board of Studies on July 30-31, 2015 at Takatu Campus. The meeting was attended by all its members including external members (subject specialists) Prof. Dr. Khadija Qureshi, Professor Department of Chemical Engineering, MUET, Jamshoro while Prof. Dr. Aqeel Bazmi, from COMSAT campus Lahore attended the meeting via video conferencing. Dr. Najam Khan Malghani, Chairperson of the Board presented the agenda items before the board for deliberation and recommendations.

Items discussed included the review and approval of existing course structure (Fall 2008 to Spring 2015) as well as new proposed course scheme to be followed from Fall 2015. After detailed review and recommendation all discussed agenda items were approved by the Board. The meeting ended with vote of thanks by Chairperson Board to all the members.





## LaTex

Reported by: Fakhra Ramzan

The Directorate of Human Resource Development organized a two days training workshop on “LaTex” under continuing professional development (CPD) in collaboration with Faculty of Information & Communication Technology for Faculty members.



The introductory session was conducted by Dr. Mumraiz Khan Kasi who discussed topics such as installation, making the first document and basic formatting. The second session was conducted by Ms. Waheeda Jabbar on topics such as inserting tables, figures, math formulas, and bibliography management with BibTeX.

At the end of the workshop, certificates were distributed among participants and resource persons.

## Celebrations on Winning 2<sup>nd</sup> Spring Sports Olympiad

Reported by: Mateeullah Khan Achakzai



The Faculty of Management Sciences arranged a ceremony on July 31, 2015 in the honor of the students and the faculty members who won various events in the 2nd Spring Sports Olympiad, 2015. The Honorable Vice Chancellor BUITEMS, Ahmed Farooq Bazai graced the ceremony as the Chief Guest. Dr. Abdul Salam Lodhi, Dean Faculty of Management Sciences, addressed the auspicious gathering and shared his views.

He appreciated the efforts and hard work of the students and the faculty members and expressed hope for future as well. The Vice Chancellor distributed certificates among the winner players and focal persons. In his speech the Vice Chancellor appreciated everyone’s efforts, and encouraged all the students and faculty members to actively participate in such healthy activities.





## Art Exhibition

Reported by: Munira Shahid

On August 5, 2015, the department of Fine Arts BUIITEMS arranged an art exhibition in the art gallery at Sir Syed Block. The exhibition was inaugurated by the Vice Chancellor Ahmed Farooq Bazai accompanied by Dr. M.A.K Malghani and all the Deans and faculty members. The exhibition was also visited by Commander Southern Command Lt. Gen. Nasir Khan Janjua. He praised the ideology and perspective of the artists. The vision of the exhibition was appreciated as it displayed true soft image of the society.



## Workshop on “How to Earn \$1000 a Month Online”

Reported by: Mohammad Baqir



On August 05, 2015, Ms. Marjan Arbab Lecturer Department of Economics organized a workshop titled, “How to earn \$1000 a month online” at the Auditorium, City Campus, BUIITEMS. This workshop aimed at the students’ financial needs through online earning. The presenter gave a hands-on presentation of the blogging and freelancing websites. At the end of the session, Dean, Faculty of Management Sciences, Dr. Salam Lodhi appreciated the efforts of the faculty member.



## FICT Feedback Session Spring 2015

Reported by: Ayesha Shaukat Baloch



Biannual Faculty of Information and Communication Technology (FICT) Feedback Session Spring 2015 was held on August 6, 2015, in Green, BUITEMS. The session started with the recitation from the Holy Quran by student Izzat Ullah Khan. Dean, FICT Dr. Faisal Khan welcomed the participants. In the session, students expressed their concerns on different curricular and non-curricular problems. The Chairpersons and the Dean assured that the student's concerns will be addressed accordingly. The students also shared positive feedback regarding the new building and lab facilities.



## Computer Assisted Language Learning (CALL) Workshop

Reported by: Hameeda Aslam

The English Department organized a one day workshop on Computer Assisted Language Learning (CALL) on August 7, 2015 at Biotech Lab, Iqbal Hall.

The workshop commenced with recitation from the Holy verses of Quran. Ms. Aqsa Maryum Lecturer was the Resource Person. Dean, Faculty of Arts and Basic Science (FABS), Dr. Jan Muhammad distributed certificates among the participants and organizers.



## Pride of Fine Arts Department

Reported by: Munira Shahid



On August 12, 2015, an Inter-University Art competition titled "Prosperous Balochistan and Pakistan" was organized by University of Balochistan at Law College Quetta. Governor Balochistan, Mr. Mohammad Khan Achakzai was the Chief Guest of the event. In the "Oil on Canvas" category Usman Ali student of 4th semester BUITEMS got 3rd position. In another Art Competition, organized by Rangrez, Boy Scouts Association Quetta on June 11, the students of BUITEMS won accolades. The competition was held at Boys Scout Quetta and the Chief Guest of the event was MPA, Ms. Rahila Durrani. The subject of the poster was "Culture of Balochistan". In the "Oil on Canvas" category Mohammad Usman, 6th semester got 2nd position and in the Poster category Usman Ali, student 4th semester stood 1st. On May 13, the inter university competition under the title, "Unity", was organized by Red Crescent Society. Sana Gharsheen 4th semester BUITEMS got 2nd position in the competition.

## Final Project Presentation

Reported by: Qaisar Khan

On August 13, 2015 a presentation on “Determination of All Regular Maps of Small Genus” was conducted by Yousaf Ali Khan Malghani (BS Math 8th semester), Department of Mathematics in Physics Lab-2, Iqbal Hall. The event started with the recitation of verses from the Holy Quran.

Mr. Qaisar Khan, Lecturer, Department of Mathematics introduced the speaker to the audience and coordinated the session. Yousaf Ali Khan Malghani presented his final project topic successfully. The Chairperson Mathematics department, along with all faculty members,



attended the presentation. At the end Chairperson presented vote of thanks to all the participants.

## Lecture on Power Electronics

Reported by: Ayesha Shaukat Baloch

On August 19, 2015, Mr. Usama Anwar, Ph.D. Scholar delivered a talk on Power Electronics. He is a graduate of Lahore University of Management Sciences (LUMS) with distinction and is pursuing his PhD from University of Colorado Boulder, USA. Question and answer session was held for the students and faculty members of Faculty of Information and Communication Technology (FICT), In the end, Dean FICT, Dr. Faisal Khan closed the session with the vote of thanks to the guest speaker and organizing committee.



## Professional Development Training

Reported by: Farheen Anjum

A 12- day professional development training from August 24, to September 04, 2015 was organized by the Faculty Development Academy formulated by COMSATS University Islamabad in collaboration with Inter Universities Consortium for the promotion of Social Sciences (IUCSS), National Testing Service and Government of Balochistan. Along with Ms. Farheen Anjum Lecturer Psychology, Mr. Zafar Ullah Lecturer Sociology, Mr. Zeeshan Khan Lecturer Sociology and Mr. Aurangzeb Lecturer Pakistan studies attended this training as representatives from BUIITEMS. The training comprised of



different indoor and outdoor sessions including the interactive sessions with VCs of COMSATS Islamabad, International Islamic University Islamabad, Peshawar University and Abdul Wali Khan University Mardan. The participants also met Chairman Senate, Raza Rabbani and the Provincial and Federal ministers of Education.



## All Balochistan Open Jushn-e-Azadi Table Tennis Championship-2015

Reported by: Masood Kasi



All Balochistan Open Jushn-E-Azadi Table Tennis (Male/Female) Championship 2015 was held on August 24-26, 2015 at Pakistan Sports Board Coaching Center Quetta. The event was organized by Pakistan Sports Board. Students Mohib Ur Rehman, Kashif Hashmi, Ali Gohar, Sakindar Khan, Tanzil, Abeera and Amara along with officials, Mr. Masood Kasi and Shoaib Ahmed Baloch represented BUITEMS. Mr. Masood Ijaz, member of Pakistan Sports Board Lahore, was the chief guest of the occasion. Tanzil and Mohib Ur Rehman won the single event and Abeera was declared runner up. In Females double event Tanzil and Abeera won the Gold medal.



## Teaching the Teachers Workshop: Feedback Control Systems

Reported by: Hina Gohar, Sara Ayub

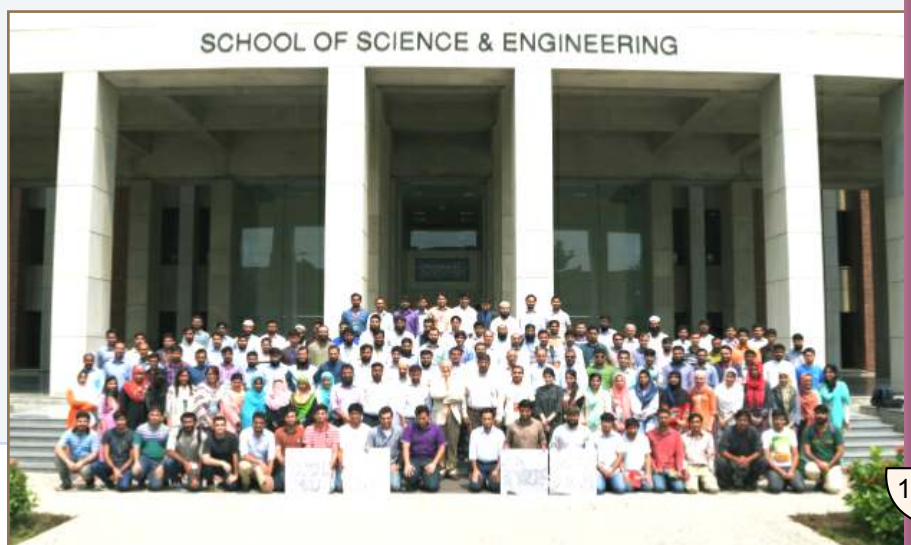


Teaching the teachers "Feedback Control System" workshop is a series of conceptual workshops. The workshop was conducted at Lahore University of Management Sciences (LUMS), Syed Baber Ali School of Science and Engineering (SBASSE) from August 24-28, 2015. The training workshop was attended by more than 90 participants including faculty members, students, and industrialist from all over Pakistan. Ms. Hina Gohar and Ms. Sara Ayub, faculty members of Faculty of Information and Communication Technology,

Department of Electrical represented BUITEMS.

Dr. Asad A. Abidi, Distinguished Chancellor's Professor, University of California, Dr. Tariq Jadoon, Associate Professor, LUMS and Dr. Abubakr, Assistant Professor, LUMS were the resource persons for the workshop.

In the closing ceremony Dr. Shahid Masud, Electrical Engineering Head of Department, LUMS distributed certificates among the participants. Chief guest Dr. Sohail Naqvi, Vice Chancellor LUMS, shared his view about the workshop.



## Meeting of Board of Studies of English Department

Reported by: Hameeda Aslam

The 2nd Board of Studies for the English department was held on

August 28, 2015, in the meeting room, Sir Syed Block. The meeting was chaired by the Dean, Faculty of Arts and Basic Sciences, Dr. Jan Muhammad who welcomed all the external and internal members of the board. Ms. Sadiqa Ramzan, Chairperson English Department, also welcomed the external member, Dr. Muhammad Khan Sangi, Associate Professor, Institute of English Language & Literature, University of Sindh, Jamshoro and all other members. The agenda was presented before the board for deliberation on the current and proposed syllabus for BS English Language & Literature. The board agreed in principle to launch MS English Language and Literature and approved the establishment of Language Lab. The meeting ended with a thanking note by the Dean and the Chairperson.

A faculty meeting was convened on August 31, 2015, in FICT block

## FICT Faculty and Staff Meeting Spring 2015

Reported by: Rahila Umer



BUIITEMS. The objective of the meeting was to share the achievements and current progress of the Faculty. Chairman Telecommunication Department Mr. Syed Usman recited verses from the Holy Quran. Further Dean of Faculty,



Dr. Faisal Khan shared the progress of each department and appreciated the chairpersons and the team for their commitment and achievements.

## Meeting of Board of Studies of International Relations Department

Reported by: Abdul Wadood

Meeting of the Board of Studies International Relations Department was held on September 04, 2015. The meeting was chaired by the Dean Faculty of Arts and Basic Sciences (FABS), Dr. Jan Mohammad. The Dean welcomed all the participants including the external members Dr. Muhammad Mushtaq, Head of the Department of International Relations and Political Science, University of Gujrat and Dr. Muhammad Azam, Assistant Professor, University of Gujrat. Mr. Abdul Wadood, Chairperson Department of Social Sciences, BUIITEMS presented the agenda items and Dr. Aurangzaib Alamgir, Asst. Prof assisted the Chairperson.



The Board recommended the proposed curriculum for BS International Relations and MS International Relations with essential amendments. The meeting ended with a thanking note to all members.



## Study Tour FABS

Reported by: Syed WaheedUllah

A study tour to Lahore, Islamabad and Peshawar was

organized for the students of BS (International Relations) and BS (Mass Communication), 8<sup>th</sup> semester by the department of Social Sciences in September 2015, under the supervision of Mr. Syed Waheedullah, Lecturer in International Relations.

The students visited the Governor House Punjab, PTV Station Lahore, Badshahi Mosque, Quaid-e-Azam Library, Quaid e Azam Law College, Wahga border, FC University and University of the Punjab.

During their stay at Islamabad, the students visited The National Defense University, PTV Station, National Library, Shah Faisal Mosque, Quaid e Azam University, Islamabad Museum, Daman-e- Koh view point and Waqt News. Other institutes visited by the group included the University of Peshawar and the Agriculture University.



## 50<sup>th</sup> Anniversary of Defense Day

Reported by: Ayesha Baloch



The FICT's IEEE Society celebrated the 50th anniversary of Defense Day by cutting a 7-pound cake. The Vice Chancellor

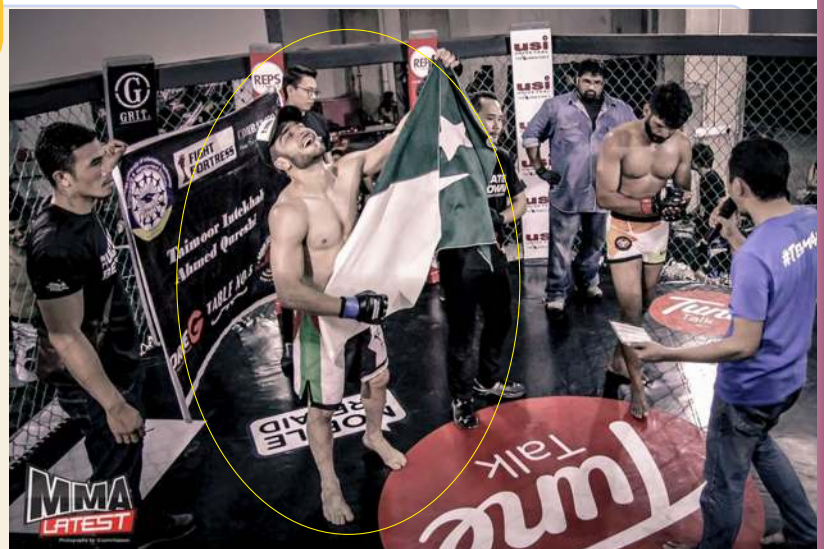


BUIITEMS Ahmed Farooq Bazai graced the occasion as the Chief Guest. Being son of an army officer he shared his fifty-year old childhood memories and feelings and recalled the emotions of the moment when his father left for war to defend his motherland. Other senior faculty members including Prof. Dr. Mohammad Nawaz from the Department of Mathematics and Prof. Dr. M. A. K Malaghani also shared their memories.

## BUIITEMS Won International Title

Reported by: Umar Khalid

Ahmed Mujtaba, student of BSCS 5<sup>th</sup> semester, was invited by International Pakistan-Brazilian *Jiu-Jitsu Federation* on September 6, 2015 at Shahbaz Sharif Sports Complex Islamabad. The event was held to honor the winners of the international competition. Many clubs from around the world participated in the event. Ahmed Mujtaba won the Gold Medal in his weight division among 38 competitors and Bronze medal in Absolute division.





## Electric Machines Lab

Reported by: Ishtiaq Ahmed

Electrical Engineering Department, Faculty of Information and Communication Technology BUIITEMS arranged an Electric Machines workshop at NED University Karachi from September 7-11, 2015. The purpose of the workshop was to strengthen the capacity for conducting lab courses of Electrical Machines in the University.



The workshop comprised of two sessions; one for theory and the other for practical work. There were a total of three sessions each day. Objectives of these sessions were as follows.

SESSION	LABORATORY OBJECTIVES
1	To study and compare the terminal characteristics of DC shunt and separately excited generators
2	To study and compare the following two methods of DC motor speed control 1) Field current control 2) Increase in armature resistance
3	To model a Transformer
4	Load characteristics of Induction Motors and effect of applied voltage on power factor at No-load conditions
5	Electrical parameters estimation of Induction Motors
6	Effect of excitation voltage and armature voltage on Synchronous motor at No-load conditions
7	Operational characteristics of Synchronous Generator

The participants of the workshop were awarded certificates in the closing ceremony on 11th September. The Dean of the Faculty at NED, Mr. Saad Ahmed Qazi appreciated the efforts of faculty and administration of both universities. He also presented shield of appreciation to Ms. Ayesha Shaukat Baloch the Chairperson of Electrical Engineering Department BUIITEMS.





## Industrial Tour of BS Information Technology

Reported by: Engr. Syed Aurangzeb

Islamabad for the students of BS (IT) 8th semester from September 7-16, 2015. Students visited different industrial companies during this tour and gained practical knowledge on various aspects. The delegation of students was accompanied by two faculty members Engr. Syed Aurangzeb and Mr. Mehmood Baryalai.

On the first day of the tour, the delegation was received by the Director National Network Operation Centre (NOC) at PTCL exchange. The students were given briefing on various switching modules, Transit setup, IPTV Data centre, NOC and Next Generation Networks (NGN).

The Department of Information Technology arranged a tour to



Director Admin welcomed the group at Pakistan Software Export Board and Pakistan Information Technology Board and arranged meeting with organizational heads.

At Huawei Corporation, the students learned about emerging technologies such as optical transport, switching and Transmission. At the National Institute for Electronic (NIE), the students gained information about the structure of the organization, research tasks, future goals and demands and human resource development in different fields of Information Technology. The students had informal discussion with technologists during refreshment and also visited various departmental sections and laboratories.



The students had good interaction with different departments of Code Informatics (An international Software House) including Graphics, 3D Multimedia, Database Design and Development, E-Commerce Applications Development, Mobile Application Development and Quality Assurance. Main focus was on Wireless Local Loop WLL (CDMA) model exchange during the visit of the Institute of Communication Technologies (ICT). At Pakistan Council of Renewable Energy Technologies different research labs were visited including Crystal Growth Lab, Waffering Lab, Cell Process Lab, Test and Measurement Lab, and Solar Testing Lab.

At NUST School of Electrical Engineering and Computer Science, students visited different centres and research labs namely Centre for High Performance Scientific Computing, Centre for European Nuclear Research, Electromagnetic Compatibility Lab, Smart Machines and Robotics Technology, Embedded Systems and Microprocessor Teaching Lab, Control Systems Research Lab and Nanotechnology Research Lab. The delegation headed towards Quetta on September 16<sup>th</sup> 2015. It was a highly learning and innovative experience for the students which gave them insight for exploring the new dimensions in science and technology.



## Study Tour of BS (Computer Engineering) Students to Islamabad

Reported by: Engr. Sibghatullah Bazai

The Department of Computer Engineering arranged a study tour for students of BS (CE) to Islamabad from September 7-16,

2015. Two faculty members, Mr. Sibghat ullah Bazai and Mr. Raza Ali accompanied the students on this tour.

The objective of the tour was to provide exposure to the students in academic settings and learning opportunities available at different Computing Organizations and universities including Pakistan Software Export Board, Software House Code informatics, Institute of Communication Technologies, Pakistan Telecommunication Company Limited, Pakistan Council of Renewable Energy Technologies, NUST School of Electrical Engineering and Computer Science and National Institute of Electronics.

The institutions visited, appreciated the efforts of BUIITEMS for providing such opportunities to its students as these tours help in enhancing their vision and practical knowledge.



## Visit to Directorate of Communications, BUIITEMS

Reported by: Umar Khalid

Ms. Hajira Masroor Media Coordinator and Mr. Mohammed Qasim Media Officer from Balochistan University of Engineering and Technology (BUET) Khuzdar, visited BUIITEMS on September 7-11, 2015. The main purpose of their visit was to observe the working of Directorate of Communications at BUIITEMS, as BUET Khuzdar is also planning to establish the directorate of communications. They had a series of meetings with the Registrar, Deans and Chairpersons, Director of University Advancement and Financial Assistance, Director and Deputy Director Communications, the Editorial Board members, staff of the Directorate of Communications including photographer and the graphic designers, Director Finance and Director Human Resource Development. On the final day of the visit, souvenirs were presented to them by Mr. Jamal Mustafa, Registrar BUIITEMS.



1. MOHAMMAD NAWAZ
2. PROF. DR. ABDUL M.
3. CHIEF EXECUTIVE OFFICER
4. MOHAMMAD AFZAL
5. HANZOOR HUSSAIN
6. PROF. DR. GHISLAN H.
7. JAFFAR
8. PROF. DR. MOHAMMAD
9. HIRAN HUSSAIN
10. JAMAL MUSTAFA





## Training Session on Faculty Revolving Fund

Reported by: Fakhra Ramzan

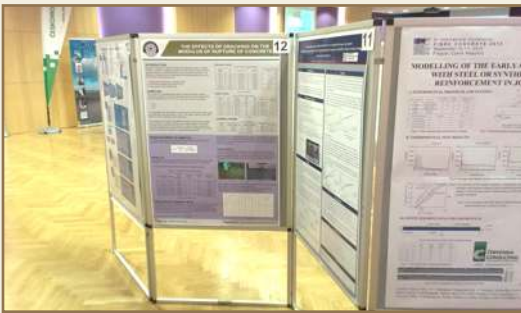
On September 10, 2015 the Directorate of Human Resource Development conducted a one-day training titled "Faculty Revolving Fund" for Deans and Chairpersons in collaboration with Directorate of Finance BUIITEMS. The main purpose of this training was to develop understanding about the processes and procedures for effective utilization of Faculty Revolving Funds and to impart knowledge on how to regulate and manage these funds. Thought provoking questions were asked and responded accordingly by the resource persons about issues faced in utilization of funds, smooth functioning of financial matters and also about the queries related to the internal and external audits. The distribution of certificates among participants and resource persons marked the end of the training.



## International Conference on Fiber Concrete 2015

Reported by: Zarak Khan Kasi

Eighth International Conference on Fiber



Concrete was held in Praha- Czech Republic on September 10-11, 2015. This conference was organized by the Departments of Civil Engineering and Mechanical Engineering, Czech technical University Prague. Mr. Zarak Khan Kasi (Lecturer) represented BUIITEMS and presented his research paper "*The Effects of Cracking on the Modulus of Rupture of Concrete*". The objective of the conference was to introduce new methods and research in the field of Concrete Technology. The conference also provided a platform for scholars to interact and share ideas and viewpoints

about the use of futuristic technology in Fiber Concrete.

## Mentoring Session on Business Plan Competition 2015

Reported by: Yumna Iftikhar

B U I T E M S  
B u s i n e s s  
I n c u b a t i o n   a n d

Entrepreneurship Center (BBIEC) conducted a mentoring session of Business Plan Competition 2015 on September 11, 2015, in purple hall and training hall BUIITEMS. The objectives were; to encourage youth to use their ideas, talents and potential to create inventive businesses through developing modest business plans; and introduce all teams about establishment of BBIEC, the first ever business incubator in Balochistan, which aims not only to increase employment but believes in fostering entrepreneurial doings and building strong networks with investors in market. The



purpose of this session was to interact with all teams individually and provide feedback of their plans to further polish them. All students, faculty and members of the community were eligible to participate and over hundred business plans were submitted. All teams had an opportunity to meet and network with mentors to discuss more about their business ideas, refine them and have expert advice over their presentations and content. They were told about venture capital importance, successful entrepreneurship, competition guidelines, program schedule and evaluation criteria of final day.



## Badminton Tournament

Reported by: Abdul Qadeem Kakar

A Badminton Tournament was organized by Pakistan Army (Southern Command) in celebration of 50<sup>th</sup> Defense Day of Pakistan on September 14-18, 2015 at Garrison School, Quetta Cantt. BUITEMS participated in the event and was elevated to the victory stand as mentioned below:

The participants were BUITEMS, University of Balochistan, Sardar Bahadur Khan Women's University and Quetta Institute of Medical Sciences.

- Winner (Male) Double: Mr. Moin Khan & Mr. Nadeem Khan (BUITEMS)
- Runner Up (Male) Double: Mr. Mazhar Khan and Shah Hussain (BUITEMS)
- Winner (Male) Single: Mr. Moin Khan (BUITEMS)
- Runner Up (Male) Single: Mr. Mazhar Khan (BUITEMS)
- Winner (Female) Double: Ms. Maria Khalid and Ms. Fozia (BUITEMS)



## Visit of Pakistan Engineering Council Team

Reported by: Shamroze Satazkai, Arbab Abdul Wajid

The Pakistan Engineering Council (PEC) team comprising Engr. Prof. Dr. Abdul Aziz Mazhar ( Convener & Expert

Chemical Engineering), Engr. Prof. Dr. Abdul Khalique Ansari (Expert Chemical Engineering), Engr. Prof. Dr. Gul Khan Jadoon (Expert Mining Engineering), Engr. Prof. Dr. Saad Ahmed Qazi (Expert Telecom Engineering), Engr. Prof. Dr. Obaid-ur-Rehman Paracha (Expert Petroleum & Gas Engineering) and Engr. Abdul Ahad Larik (Rep PEC B/O Karachi) visited BUITEMS on September 14-18, 2015 for the evaluation and re-accreditation of BS programs of BUITEMS in Mining Engineering, P&G Engineering, Telecom Engineering and Chemical Engineering. The team evaluated the over-all working of the university in

respect of quality of education and academic standards.

Prof. Dr. Mohammad Ali Shah (Chairperson Department of Mining Engineering), Prof. Dr. Muhammad Tariq (Chairperson Department of P&G Engineering), Engr. Syed Usman (Chairperson Department of Telecommunication Engineering) and Dr. Muhammad Najam Khan Malghani (Chairperson Department of Chemical Engineering) gave presentations regarding the academic functions of their

respective departments. The Directorate of Quality Enhancement and Accreditation facilitated the team during the accreditation visit.





## Workshop on Biomass Resource Mapping

Reported by: Dr. Nazeer Ahmed



One day training workshop on Biomass Resource Mapping was organized at BUITEMS on September 15, 2015. The workshop was part of the ground survey of agricultural fields in Pakistan for the estimation of crop residue leading towards development of Biomass Atlas of Pakistan. In Balochistan, BUITEMS collaborated with National University of Science and Technology (NUST) Islamabad in conducting the survey in four districts of the province. The activity was part of the project funded by World Bank's Energy Sector Management Assistance Program.

About twenty four students from BUITEMS as part of the survey team, focal person from

BUITEMS along with faculty members and NUST project staff attended the training session.

Senior Prof. Dr. M. A. K. Malghani participated in the inaugural session as the Chief Guest and gave away shields to the participants. He highly appreciated the initiative of resource mapping and greatly lauded the role of NUST in imparting knowledge in renewable energy disciplines. He urged the students of the University who have been engaged as surveyors to give their best efforts to get the best outcome of the activity.

The survey will help to provide data to estimate the harvest residue potential for energy production / use and to collect reference ground observations for satellite image based land use classification. Ultimately, exact estimation of biomass as energy will be available to assist the investors for the installation of biomass based power plants in Pakistan.

IEEE Student Branch-BUITEMS arranged a two day training workshop "Let's sketch with Arduino" on September 15-16, 2015 at Faculty of Information and Communication Technology (FICT) whose guest speakers were Dr. Faisal, Dean FICT, Engr. Zia Javed, Lecture Department of Electrical Engineering, Engr. Babar Khan, Lecturer Department of Electronic Engineering and Engr. Shafiullah, Lecturer Department of Computer Engineering.

The workshop was designed to provide an opportunity for students to learn the Arduino platform in an interactive environment with live demonstrations and projects. The workshop was the first in a series of technical training workshops designed to get students up and running with Open-source hardware and software. This workshop was organized by Shehzar Shahzad Sheikh, Chair IEEE BUITEMS, M. Junaid Sultan, V. Chair IEEE BUITEMS, Syed Izzatullah, GS IEEE BUITEMS and Leads of WIE (Women in Engineering) Abeera Javed and Tahira Zakir. Technical and Training support was provided by Janzaib Masood, student Electronic Engineering 7th semester.



## IEEE Training

Reported by: Mohammad Zia Javed

## BBIEC Business Plan Competition 2015

Reported by: Yumna Iftikhar

A wonderful entrepreneurial contest; Business Plan Competition 2015, was conducted on September 16, 2015 with support of HEC. The theme was "ADD-VENTURE TO YOUR LIFE". The categories were: Engineering and Information & Communication Technology, Management, Arts & Social Sciences and Misc. Over 100 plans were submitted, of which 89 were displayed. It was a great experience having teams from all universities of Quetta including: BUIITEMS, Alhamd Islamic University, University of Balochistan, Iqra University, Sardar Bahadur Khan Women's University (SBKWU); and Govt. Girls College.

The competition comprised of two rounds; 1st was conducted at Arfa Karim Randhawa Expo Center and 2nd was conducted at Orange Hall BUIITEMS. In 1st round panel of judges visited all teams in Expo Center, evaluated them and selected 16 best teams among all, on the basis of concept, growth projections, strength of financial and marketing plans and their knowledge of Industry. The finalists of round one were asked to refine their plans on the basis of feedback they have received and were required to present in final round in orange hall, to the panel and audience through formal presentations. The six winners; two in each category respectively were:

*Animated Heaven, Tour pal, Naseeb Paints, Markhor Adventures, Trainers and Recycler of books.* They were rewarded with cash prizes of Rs.50, 000 and Rs.25, 000 and have been offered space at BBIEC.





## Generate Your Business (GYB) Workshop

Reported by: Yumna Iftikhar

GYB is a material based training program for potential entrepreneurs to develop their businesses. University

Advancement and Financial Assistance team successfully conducted GYB training workshop from September 17-19, 2015, with collaboration of International Labor Organization (ILO) and HEC. The objective of this training was to prepare young entrepreneurs for making career in entrepreneurship by choosing a viable business idea and contributing towards economic development of Pakistan.



The training aimed at finding potential entrepreneurs and assessing if they were right persons for launching their business ideas. This program was equally important for young entrepreneurs both men and women, young and old by taking only their potential into account. The participants were taught to use their skills and creative thinking for starting their

businesses also comparing them with other available options, conducting small tests, receiving feedback from both trainers and the public and looking for guidance for further advancement in respective fields.

Different steps and processes were discussed, examples and exercises were arranged to evaluate feasibility of businesses. The GYB manual was used during the training and its contents were transferred to the trainees as a source of reference after having completed the training.





## Eid Day at SOS Children's Village

Reported by: Neil Justin & Hammad Ahmed

Eid like all the other major religious holidays around the world are best celebrated amongst the company of family and friends. With the spirit of family and belongingness in mind, the students of BSBA & MBA accompanied by their teacher Ms. Khalida Durrani spent the holiday of Eid ul Fitr (18th July 2015) and Eid ul Adha (26th September 2015) with the children of the SOS Village, in hope of making both Eids extra special for the students and SOS children.



Eid is not complete without new clothes, sweets and horse and camel rides. The girls wore the new dresses that were gifted by the students of BSBA 6th (A). On both visits the students contributed in bringing food items such as cakes, juices and sweets and arranged two horses and a kufli stand in the first visit, and a camel and kufli stand in the second visit. The children in their new clothes enjoyed themselves getting rides and eating ice cream, even BUIITEMS students enjoyed the animal rides with the children. The Director SOS Village, Ms. Iffat, appreciated the students' efforts in making the Eid holidays memorable for the children of the Village.







# ALUMNI SUCCESS STORIES

## Lieutenant Muhammad Zahid MatiUllah

Success in life is indubitably an outcome of a never ending series of struggle, hard work, passion, and a long-lasting dedication.

I received my early education from my hometown under the guidance of devoted and compassionate teachers. I can never forget the considerate thoughtfulness of all of my teachers at school and college who inculcated in me the attributes of punctuality, steadfastness, and discipline in life.

I earned my Bachelors degree in Telecommunication Engineering from BUIITEMS in 2012 with a cumulative GPA of 3.32. BUIITEMS played a major role in shaping up my personality and providing me with the necessary skills in my subject, which is due to the dynamic and energetic leadership provided by the Vice Chancellor BUIITEMS Ahmed Farooq Bazai and his dedicated team.



Immediately afterwards, as guided and directed by my esteemed teachers and counselors at BUIITEMS, I pursued my professional career at HUAWEI, a leading global ICT solution- provider, center in Quetta. After completing the mentioned program successfully, I joined USAID NGO at Quetta and offered my services for the required duration of time. Throughout my academic and professional pursuits, the guidance of highly qualified and experienced teachers of my Varsity continued to provide me with dynamism to move forward with confidence and enthusiasm. After serving at the mentioned NGO, for three months, I decided to join the aviation branch of Pakistan Navy. Fortunately, I got the credit of being recommended from ISSB in my first attempt on 6th of April 2013. Here it is important to mention that by the grace of Almighty Allah, I was one of the only two candidates who were selected from all over Pakistan.

After receiving my initial training from Pakistan Naval Academy, I spent two years in different units, in order to polish my skills in a myriad of concerned areas. I then went to Lahore for basic course and completed that duration with distinction. As per requirement, I afterwards moved to Rahawali for further trainings so as to gain an advanced expertise in the realm of aviation.

I am currently serving as a Naval Aviation Pilot at PNS Mehran Karachi and seek to serve my motherland dedicatedly under the kind and benevolent supervision of my Lord.









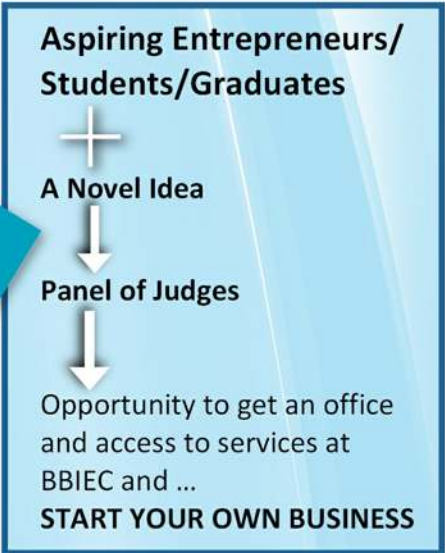
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**Do** you want to have a business of your own?  
**Come Join ...**

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**IDEA?**

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 into Businesses*



*The Space  
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# Quality Policy Statement

**BUIEMS** contributes in defining standards and systems for the up-lift of socio-economic order through quality education and services by:

- ❖ Providing an environment conducive to learning, teaching, academic inquiry and innovation
- ❖ Maintaining academic excellence and professionalism
- ❖ Adhering to established systems for ensuring good governance for management and transfer of knowledge
- ❖ Benchmarking with other leading institutions of higher education for improvement
- ❖ Enhancing efficient and effective operations by encouraging participation of stakeholders
- ❖ Pursuing continuous improvement through creativity, team work and adaptation to change

For

Playing a catalytic role to achieve the national, regional and global harmony





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