



# BUITEMS

Quality & Excellence in Education

Vol. 70

## NEWSLETTER

*BUITEMS - Restoring Hope in the Society*



## 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

The economic future and productivity of a nation is based on the ability of its people to learn and to innovate. BUIITEMS, as a premier institution of higher education and learning, has always recognized the need of playing its due role in the development of knowledge economy. Providing education and ultimately effective incorporation of trained human resource in the society is the desired outcome of the role which a university can play for a nation. The growth of a society in terms of enlightenment and progressive attitude of its members, in addition, leads to enrich the culture and serve the humanity. The practical significance and focus of BUIITEMS has always been on its multi-facet role to transform the students into better prepared, self-sufficient, self-motivated and self-assured individuals with skills that make them adaptable to different situations in the context of local, national, regional and global conditions. BUIITEMS has developed over time to meet the challenge of bringing at one place the congregation of competencies which strike a balance between local and national interests and demands.

BUIITEMS also seeks a better support mechanism from national industrial sectors in response to its services for developing compatible procedures and products through its research activities, so that consequently BUIITEMS can adequately fulfill its obligations as a provider of knowledgeable, vocationally skilled and academically competent human resource to meet the demands of industrial productivity. BUIITEMS' has contributed to the national economy with educated individuals fostered with standards of performance par excellence in industrial systems and academics. The inception of the Business Incubation Center in the Faculty of Management Sciences is a stride towards encountering contemporary business challenges and providing opportunities and facilities to turn ideas into businesses.

The learning environment provided to the students at BUIITEMS, makes it imperative for them to be fully awake to the developments taking in their respective fields of study. They are required to learn together but to think upon the academic issues individually and to seek solutions to the problems which they will have to confront in their professional careers. The projects that they are required to complete, individually as well as in groups, give them the confidence and assurance to tackle issues with triumph and distinction. That is the spirit that we are committed to imbibing in our students and that is the guiding force behind our slogan of 'Quality and Excellence in Education.'

## Gold Medallists Cheque Distribution Ceremony

Reported By: Sameen Khan

The Honorable Governor Balochistan, Chancellor BUIITEMS Mr. Mohammad Khan Achakzai announced cash prizes for Gold Medallists & Badge of honor holders, in the 9th Convocation of BUIITEMS.

The Honorable Governor Balochistan handed over the cheques of Rs. 100,000 to each Gold Medalist and Rs. 50,000 to each Badge of Honor holder at Governor House, Quetta on March 25, 2014.

Vice Chancellor BUIITEMS, Ahmed Farooq Bazai along with deans, directors and administrative staff participated in the ceremony. The Governor Balochistan elaborated the importance of education and its overall positive impact on the Society in his concluding speech.



Students of BUIITEMS participated in different events of Balochistan Sports Festival 2014 organized by the Government of Balochistan.

**Balochistan Sports Festival March 2014**  
 Reported by: Masood Kasi

**Table Tennis (Female)**

Balochistan Sports Festival Table Tennis (Female) Championship was held at the Girls College Gymnasium from March 24 - 29, 2014. A total number of 16 teams from various Institutions of Balochistan participated in the event.

**BUIITEMS got 1st position in the tournament** while Government Girls College Satellite Town team secured 2nd position.

The team from **BUIITEMS** comprised

- Ms. Basma Asharf (Captain), student of MS (CS)
- Ms. Tanzeel Khan student of BS (Microbiology)
- Mr. Masood Ahmed Kasi (Sports Officer), coach / Team Manager.



**Table Tennis (Male) Single**

Balochistan Sports Festival Table Tennis (Male) Championship was held at the PSB Gymnasium from March 24 - 29, 2014. A total number of 18 teams from various Institutions of Balochistan participated in the event.

**BUIITEMS got 1st position in the tournament by 2-1.**

The team from **BUIITEMS** comprised

- Mr. Mohib Kakar student of BS (BA)
- Mr. Masood Ahmed Kasi Sports Officer, Team Manager
- Mr. Muhammad Sabir Kasi (In-charge Fitness Center), coach



### **Table Tennis (Male) Double**

Balochistan Sports Festival Table Tennis (Male) Championship was held at the PSB Gymnasium from March 24 - 29, 2014. Total 18 teams of Institutions from Balochistan participated in the Tournament.



**BUITEMS got 1st position in the tournament by 3-1.**

**The team from BUITEMS comprised**

- Mr. Mohib Kakar Student of BS (BA)
- Mr. Agha Ali Ghoher Student of BS (BA)
- Mr. Masood Ahmed Kasi Sports Officer, Team Manager
- Mr. Muhammad Sabir Kasi (In-Charge Fitness Center), coach.

### **Badminton (Female)**

Balochistan Sports Festival Table Tennis (Female) Championship was held at the Girls College Gymnasium from March 24 - 29, 2014. A total number of 16 teams from various Institutions of Balochistan participated in the tournament.

**BUITEMS got 2nd position in the tournament.**

**The team from BUITEMS comprised**

- Ms. Maria (Captain) student of BS (Biotechnology & Informatics)
- Ms. Sanam student of BS (Biotechnology & Informatics)
- Ms. Basma Ashraf, coach
- Mr. Masood Ahmed Kasi (Sports Officer), Manager of the team



### **Athletics (Female)**

Balochistan Sports Festival Athletics (Female) Championship was held at the Girls College Quetta Cantt. from March 24 - 29, 2014. Twenty four players from various institutions of Balochistan participated in the Tournament.



**Ms. Rabia Durrani, Student of BUIITEMS, got 2nd position (Silver Medal) in the tournament. The team from BUIITEMS comprised**

- Ms. Rabia Durrani student of BS (BA)
- Ms. Basma Ashraf, Coach
- Mr. Masood Ahmed Kasi (Sports Officer), Team Manager

***Rowing (Male)***

Balochistan Sports Festival Rowing (Male) Championship was held at the Hanna Lake Quetta, from March 22 - 25, 2014. A total number of 85 players from various institutions of Balochistan participated in the event.

**Mr. Abubakar, a student of BUIITEMS, got 1st position in the tournament.**

**The team from BUIITEMS comprised**

- Mr. Abubakar student of BS (Software Engineering)
- Mr. Sami Durrani, Coach
- Mr. Masood Ahmed Kasi (Sports Officer) Team Manager





## Seminar on Road Safety

Reported By: Dilawar Khan



BUIITEMS in collaboration with National Highways organized a seminar on 9th January 2014 at Green Hall BUIITEMS. Motorways Police organized a road safety presentation to create awareness about traffic regulations. A large number of students, faculty members, staff and drivers of BUIITEMS attended the seminar. IG Motorways Police, Balochistan, Mr. Ayaz Baloch introduced the aims and objectives of the event and elaborated the importance of road safety awareness seminars and workshops.



He informed the audience that over speeding, careless attitude while driving, driving in younger age, use of drugs while driving and traffic rules violation are the major causes of serious road accidents. Mr. Saeed Qamar gave detailed presentation on Traffic Rules & regulations; he also presented some videos. At the end Mr. Mohammad Shah Khan, Director UAFA thanked the guest speakers and appreciated their efforts regarding road safety.



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## Study Tour and Field Visits by Students of Petroleum and Gas Engineering

Reported by: Zafarullah Abro

Students of Petroleum and Gas Engineering went for a study tour from January 03-10, 2014. They visited OGDCL gas fields of Qadir Pur, Bobi Oil and Tando Alam; and Dharki Gas Field of Mari Petroleum Company Limited (MPCL).



During these visits, the students practically observed and gained knowledge about working environment at fields, fluid separations, health and safety measures and well control system. The students also visited dehydration plant, Gas sweetening plant of Mari shallow well system, Mari deep well system and SCADA system.



Different field practicals of API gravity, Oil density, Ash content, Flash point, Fire point in Bobi Oil field laboratory, well completion and Jet pump operations were also performed by the students.

At rig site students visited the casing swabbing operation at well no. 20. MPCL management presented the shield of excellence and coordination to the group for the Vice Chancellor BUITEMS. The shield was presented to Engr. Ahmed Farooq Bazai by Engr. Zafarullah Abro after return from the visit.

### **BUITEMS Represented at 2nd Pakistan Urban Forum**

*Reported By: Dr. Gul Ahmed*

The Directorate of Urban Policy & Planning, Planning & Development Department Sindh, the Urban Unit Punjab, Planning & Development Department Punjab, the South Asian Institute of Harvard University and the Institute of Architects, Pakistan partnered to organize the Pakistan Urban Forum – South Asian Cities Conference (PUF-SACC) from 9th to 12th January, 2014 at Frere Hall, Karachi.



Ar. Yasmeen Gul from BUITEMS presented her paper on the topic of 'Fraud Prevention in the Real Estate Marketing by the use of Internet' with special reference to Gwadar. She was the only representative from Balochistan in the Forum.

The speakers at the 2nd Urban Forum included experts of international repute from countries including Pakistan, New Zealand, Sri Lanka, the USA, South Korea, China, and Uganda.



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## Open House Workshop on Multimedia Systems and Design

Reported by: Ms. Ayesha Iftikhar and Ms. Kinza



An Open House Workshop on Multimedia Systems and Design was conducted on Jan 10 to 13, 2014 at Purple Hall, Takatu Campus. The event was organized by Ms. Ayesha Iftikhar, Lecturer in Information Technology. The workshop aimed at learning, and sharing knowledge related to, Multimedia Systems and Design. Professor Dr. Akram Sheikh Director General Pakistan Scientific and Technological Information Center was the guest speaker at the occasion. Topic of his talk was "Access to Global Information using Online Resources".



The students of BS (IT) presented their semester projects which included promotional video, slow motion animation video, multi-effect video, 3D game animation video and a movie. These projects were evaluated by Ms. Ayesha Iftikhar and Mr. Mehmood Beryalai faculty members from the Department of Information Technology. The event concluded with distribution of prizes, certificates and shields amongst the students.



## Seerat Conference-2014

Reported By: Habibullah



On January 15, 2014 Literary Club of BUIITEMS Student Affairs organized "Seerat Conference – 2014" in connection with Eid Milad-un-Nabi celebrations. The conference began with recitation of verses from Holy Quran by Qari Atta-ur-Rehman followed by a Naat-e-Rasool Maqbool by Mr. Ali Mohammad, Prof. Syed Habib Shah Bukkhari, a well-known scholar, was the guest speaker at the occasion. He highlighted bright aspects of the life and teachings of Prophet Mohammad (P.B.U.H) while Mufti Sanaullah, Lecturer Islamic Studies BUIITEMS elaborated the importance of the Eid Milad-un-Nabi.



Mr. Mohammad Shah Khan, Director UAFA presented souvenirs and certificates to the guest speaker, Qaris and Naat Khuwans and the conference concluded with the Qirat by Qari Hassan Ali Kasi, a well-known Qari of Pakistan.

## Interview Skills Training Workshop

Reported by: Ms. Mehwish Naudhani



Interview provides an opportunity to a prospective employer to speak with candidate to assess applicant's for carrying out the job in question, adequately. Since resume or job application shows the details of qualification, skills of the applicant, the interview has to focus on those intangibles (such as personality and style) that will help the employer decide whether or not applicant will fit into culture of institution or company.



Ms. Mehwish Naudhani, Lecturer English department, in collaboration with the Directorate of UA&FA, organized a workshop on "Interview Skills" on January 17, 2014, at Green Seminar Hall. Ms. Sadiqa Ramzan served as a resource

person. She discussed following points with the students:

- *How would they present themselves so that their key messages go across in an interesting and memorable way?*
- *How to define those key messages in the first place?*
- *How to work out what it is that makes you unique, and more qualified for this job than any other candidate?*
- *How to maximise chances of getting job in the current highly competitive market?*

During the session she also covered:

Dealing with nerves, Defining the message, The opening answer, Handling awkward questions, Dealing with interruptions, Buying time to answer, Scoring answers

At the end of the session few mock interviews were taken from the students.



## On-Campus Recruitment Test

*Reported by: Imran Khan*

An international enterprise (Coca-Cola Company) conducted recruitment test on January 20, 2014 in the Green Seminar Hall at Takatu Campus. Fresh graduates from the Faculty of Management Sciences appeared before the panel for these tests. Six graduates were offered managerial positions in the company by the Regional Director Mr. Muhammad Naeem Akbar, who led the recruitment team which conducted the written test followed by an interview. Mr. Muhammad Naeem Akbar appreciated the competencies of young and talented graduates of BUIITEMS.



## FICT Open Feedback Day

*Reported by: Ayesha Iftikhar*

Faculty of Information and Communication Technology organized "FICT Open Feedback Day" on Monday 20th Jan, 2014 in the Green Seminar Hall. The aim was to get feedback from students about their academic and co-academic activities. The event was convened by Dr. Faisal Khan, Dean FICT.

The main objective of the session was to figure out the issues that students were facing in their studies, and other problems related with the university. All the chairpersons and Dean FICT listened carefully to the opinions, proposals, grievances and observations expressed by the students from various programs of studies of FICT and responded to resolve the issues identified by the students to the best of their abilities.



## Welcome-back party, Department of Mathematics

*Reported by: Ms. Sahar Raza*

The Department of Mathematics is serving all the faculties of BUIITEMS

as subject of mathematics is obligatory for most of the Engineering, Life sciences, and Business department students. It is worth noting that two faculty members of the department have completed their MS namely Mr. Abdul Qayyum from Quaid-e-Azam University Islamabad and Ms. Sahar Raza from Air University Islamabad. To celebrate these attainments and to appreciate the efforts was another objective of this

get together. The event was organized on 27th Jan, 2014 in the meeting room of Iqbal Hall by the

Event Organizing Committee comprised of Mr. Hassrat Hussain, Ms. Aysha Saif and Ms. Naheeda Iftikhar, under the supervision of Ms. Sahar Raza chairperson of the department. The get together was chaired by Dr. Syed Mohammad Khair, Dean FABS. Prof. Dr. Mohammad Nawaz was also invited. Main theme of the get together was to eulogize, Ms. Sahar Raza for her success in her MS from Air University Islamabad, Mr.

Qayyum for his success in his MS from Qaid e Azam University Islamabad, and Mr. Malik Hafeez for completing his M Phil course work. Faculty members of Mathematics Department expressed their pleasure for Mrs. Fareeda Aslam who is blessed with a baby boy. Dr. Syed Mohammad Khair appreciated the department on its all notable achievements and increasing number of qualified mathematicians which is the need for the future amelioration of BUIITEMS.



## Architecture Students Exhibit Their Portfolios

*Reported by: Palwasha Amanullah*

Final year students, from the Department of Architecture displayed their portfolios in Hall 1 on February 6 to 7, 2014. Students individually assembled their portfolios which was a compilation of their work done in past four years within the Department of Architecture. Their portfolio sheets were displayed for two days. The display was visited by a large number of faculty members and students from different departments. BUIITEMS family showed keen interest in the display and discussed the work of their fellow young architects.



Architecture students compiled portfolios as a result of extensive workshops conducted for the final semester students to improve skills at Photoshop and 3D Studio Max. The workshops were organized by Ar. Palwasha Amanullah. In an interactive environment, the students showed active participation to learn and improve digital skills for modeling architecture designs.

## Pakistan Reading Project (PRP)

Reported by: Sadiqa Ramzan

A Four-day “Experts Committee Meeting to Discuss Reading Instruction Curricula for ADE/B. Ed. Honors in English & Urdu” was organized by USAID Pakistan

Reading Project (PRP) in collaboration with HEC from 7th to 10th February, 2014, in Lahore. Miss Sadiqa Ramzan Ali was invited by HEC, and she represented BUIITEMS on the forum. Mr. Fida Hussain Director General (Academics) HEC inaugurated the occasion and presented the welcome note. Afterwards Mr. Kamran Iftikhar, from USAID, introduced PRP project, and presented the objectives and expected outcomes of the venture. The first two days were dedicated to ‘Develop and Integrate Reading Instruction Curricula and Assessment into Degree Programs’, and the focus of the second day was more on the Urdu Curricula.



Dr. Fati El-Ashry, International resource person from Egypt, presented the insight from recent research about Best Reading Practices. He also shed light on “What teachers need to know about reading themselves”. Further, the resource persons: Dr. Fati El-Ashry, Miss Josephine, and Mr. Zulfiqar Ali shared the key features of the PRP approach. It was also discussed that based on Pakistan’s EGRA results, global perspectives on teacher education pre-service programs and key features of PRP approach, how Reading Instructions in the current B. Ed /ADE pre-service programs can meet the demands. The current course contents of both Urdu and English were reviewed and after close group discussions some recommendations were presented by the team members. In the last two days only the English Language teachers attended the “Stakeholders Meeting to Develop Training to Effectively Deliver ADE/B. Ed English Courses (Content based)”. The contextual realities were presented to the group by Syed Musa Hassan, PRP Project Manager. The following were discussed and presented:

- Review of ADE/B.Ed Courses and Identification of Main Challenges Students are Likely to Face
- Challenges in Implementing the New Curricula
- Faculty Challenges and Approaches to Further Professional Development
- Recommendations for Professional Development for ADE/B. Ed Faculty

On the last day the groups composed questionnaires and some closed-group interview quotations for the data collection from ADE/B. Ed faculty members as a feedback component to further develop and roll out Reading Instruction Curricula.

**Faculty of Information and Communication Technology held a Potluck Party on February 13,**

**FICT POTLUCK Fall 2013**

*Reported by: Aisha Baloch*



2014 at the FICT block, BUITEMS. All the faculty members and admin staff of FICT participated in the event and brought one homemade dish.

The occasion commenced with the recitation of verses from Holy Quran followed by welcome note by Dr. Faisal Khan Kakar, Dean FICT. Everybody enjoyed the delicious food of homemade buffet and the company of colleagues.

**Korean Professor visits BUITEMS**

*Reported by: Dr. Gul A. Jokhio*

The Honorary Consul General of Japan at Quetta, Syed Nadeem Shah accompanied Dr. Hyun-Taek (Thomas) Shin, Professor of Clinical and Managed Care Pharmacy; Sookmyung Women's University, Korea on a visit to BUITEMS on February 26, 2014. Apart from meeting officials of the University, the distinguished guests visited different departments where, they were shown the teaching and research facilities available at BUITEMS. They also visited the New Academic Block, where they were given a briefing about the Faculty of Engineering by Prof. Dr. Ehsanullah Kakar, Dean of the Faculty.



The guests admired the availability of state-of-the-art facilities at different laboratories, the CMS center, the video conferencing room, the auditoria, and the training hall. The honorable guests also visited the Central Library, the OAG Hall and the allied facilities. They commended the efforts being made by the University and its officials for maintaining high standard of education. In their meeting with the Vice Chancellor, Ahmed Farooq Bazai, they offered their cooperation for advancement of the University. The Vice Chancellor presented shield of the University to the distinguished guests.





## Briefing to Minister Education

Reported by: Dr. Gul A. Jokhio

The Honorable Provincial Minister of Education Sardar Raza Muhammad



Barrech visited BUITEMS on 28th February, 2014, accompanied by Secretary Education, Balochistan. The Honorable Minister was given a briefing by Dr. Gul A. Jokhio on the design proposal for the construction of transitional shelters for shelter-less schools throughout Balochistan. The respected Vice Chancellor BUITEMS, Ahmed Farooq Bazai was also present at the briefing.



Dr. Jokhio informed the honorable Minister that BUITEMS is currently working on a design proposal for the transitional shelters based on the Vernacular Construction Methodologies.



The honorable Minister, having a vast experience in the field of construction industry, expressed his pleasure at the design proposal. He also gave valuable suggestions for the improvement of the design.



## BUITEMS Wins the Best ICT R&D Undergraduate Project Award

Reported by: Mudassir Hussain

National ICT R&D Fund, Ministry of Information Technology organized Punjab International IT, Science & Technology Expo and Competitions at Expo Center Lahore from 28th February 2014 to 3rd March 2014.

A team comprising three students Syed Ali Akbar, Babar Ali and Shabbir Ahmad Khan of BS (Electronic Engineering) 8th semester participated in the competition under supervision of Lecturer Engr. Syed Mudassir Hussain. BUITEMS was awarded the Best Project Presentation Award after tough competition amongst the teams of Universities from all over Pakistan including UET, NUST, LUMS, and GIK.



The projects presented by BUITEMS were highly appreciated by the judges and visitors. The Punjab Minister for IT specially visited the stall of BUITEMS and encouraged and appreciated the efforts and hard work of BUITEMS students.

## Tree Plantation at BUIITEMS Spring 2014

*Reported by: Arbab Samiullah*

The arrival of spring is characterized by a rainbow of vibrant colors and the sweet fragrance of flowers in the air. As a long standing tradition BUIITEMS celebrates the arrival of spring with its stake holders and members of civil society. This year BUIITEMS invited Secretary Forest Balochistan Mr. Khuda Rahim Baloch for inaugurating the **Tree Plantation Season Spring 2014** by planting Juniper tree seedlings. In addition to the 6000 plants and trees that were planted last year, this year 3300 tree seedlings and plants were planted in the area including the vicinities of the Football ground, sports complex, Jinnah and Iqbal halls. The varieties of flora and fauna planted were Chanar, Sarru, Weeping Willow, Kano Carpus, Alstonia, Palkan, Arjan, Kachnar and Sukhchain. The Worthy Vice Chancellor BUIITEMS, Ahmed Farooq Bazai, along with BUIITEMS family planted tree seedlings in front of the Sports Complex. He commended the efforts of staff involved in the development of new areas and appreciated the performance of the gardeners. The Administration Section also provided 500 home grown tree seedlings and plants of various species for plantation around the campus.



## All Balochistan Allama Iqbal Shield Declamation Contest

*Reported by: Noorina Kakar*



The 2nd round of 16th All Pakistan Allama Iqbal Shield Debate Competition titled "All Balochistan Allama Iqbal Shield Declamation Contest" was held on March 03, 2014 at BUIITEMS. This bi-lingual contest was organized by Higher Education Commission Regional office Quetta. Prof. Dr. M.A.K. Malghani was the chief guest of the event, while Mr. Fida Hussain, Director Academics HEC, Mr. Habibullah Nasar, Director HEC Regional office and Mr. Mohammad Shah Khan, Director UAFA BUIITEMS were also present at the occasion



### Urdu Contest:

- Mr. Adnan Sawati of BS(Textile) 2nd position

### English Contest:

- Mr. Johar Khan BS (Geo) 2nd position
- Mr. Najeebullah BS(Eco) 3rd position

Mr. Fida Hussain informed the audience about the role of HEC in Co-curricular activities. The Chief Guest Dr. M.A.K. Malghani appreciated all debaters and extended special greetings to all winners. The event concluded with awarding of shields and cash prizes to the position holders of the competition.



## Training on “Livestock Value Chain – Concepts & Analyses”

Reported by: Dr. S. Mohammad Khair

A new project  
‘Agricultural  
Innovation

Program for Pakistan’ was launched in the mid of 2013 under the initiative of USAID and Pakistan Agriculture Council (PARC). The lead organization for this program is International Maize and Wheat Improvement Centre, while the International Livestock Research Institute (ILRI) leads the Livestock component. Principles of agriculture research for development are being followed to foster a demand-driven, result-oriented science research community to increase the contribution of agriculture to Pakistan’s GDP, thereby aiding overall economic growth and poverty alleviation within the country.

The main emphasis for the livestock component is on increasing farmer’s income by improving livestock value chain. For this purpose, ILRI organized ‘Training of Trainers workshop on Livestock Value Chain – Concepts and Analyses’, in Islamabad from March 17-20, 2014. Economists from ILRI, International Center for Agriculture Research in Dry Areas, and PARC were the resource persons. Academia and staff from the Federal and Provincial Livestock departments participated in this training while Dr. S. Mohammad Khair and Dr. Abdul Salam Lodhi Chairperson Department of Economics represented BUIITEMS.



## Award of 10 Scholarships by Professional Education Foundation (PEF)

Reported by: Kinza Khan



Professional Education Foundation (PEF) is one of the promising donors of BUIITEMS. PEF on 18th March, 2014 awarded 10 scholarships to BUIITEMS. The total number of students, currently, supported by PEF at BUIITEMS is 46. Professional Education Foundation (PEF), established by a group of highly successful executives in their fields, offer equal opportunities to the academically qualified but under privileged students. Such collaboration like BUIITEMS and PEF will result in providing educated Individual to our society.

## Professional Career Development Workshop

Reported by: Imran Khan



Manager Career Services organized a workshop “Professional Career Development” on March 19, 2014 in the Purple Seminar Hall at Takatu Campus. Over 160 students from various departments of BUIITEMS participated in this workshop. Mr. Muhammad Shah Khan (Director UAFA) and Professor Dr. Muhammad Tariq were the resource persons of the workshop.

The purpose of the workshop was to prepare the graduating students for the professional world, to enable them to compete in the job market, to meet employer’s expectations and to develop their career paths.



## *BUIITEMS - Restoring Hope in the Society*



## Vice Chancellors Committee Meeting

Reported by Abdul Wadood

Balochistan University of Information Technology, Engineering and Management Sciences (BUITEMS) hosted the 2nd meeting of All Vice Chancellors of Public Sector Universities committee in Balochistan on March 25, 2014. The meeting commenced with recitation of verses from the Holy Quran. The Vice Chancellor BUITEMS welcomed all the learned guests. The respected members mentioned that as BUITEMS has been considered the Secretariat of the Committee for the year, it was proposed that Ahmed Farooq Bazai, Vice Chancellor BUITEMS may officiate as Convener of the said Committee. Agenda items relating to development schemes, administrative and academic operations of the Universities were presented and discussed in detail. The deliberations and recommendations were made accordingly. The meeting ended with the vote of thanks for the chair.



Following members attended the meeting:

- **Engr. Ahmed Farooq Bazai,**  
*Vice Chancellor Balochistan University of Information Technology, Engineering & Management, (BUITEMS) Quetta.*
- **Prof. Dr. Javeid Iqbal,**  
*Vice Chancellor University of Balochistan, Quetta.*
- **Prof. Dr. Rukhsana Jabeen,**  
*Vice Chancellor Sardar Bahadur Khan Women University, Quetta*
- **Prof. Dr. Dost Muhammad Baloch,**  
*Vice Chancellor Lasbela University of Agriculture, Water and Marine Sciences (LUAWMS), Lasbela.*
- **Prof. Dr. Zahoor Ahmed Baloch,**  
*Vice Chancellor, Balochistan University of Engineering and Technology, Khuzdar.*
- **Prof. Dr. Abdul Razzaq Sabir,**  
*Vice Chancellor University of Turbat, Turbat.*
- **Prof. Dr. Abdullah Khan Kakar,**  
*Vice Chancellor University of Loralai, Loralai*
- **Mr. Abdul Jabbar,**  
*Principal Secretary to the Hon'ble Governor Balochistan / Chancellor Public Sector Universities of Balochistan.*



## IAP Mehdi Ali Mirza Award

*Reported By: Palwasha Amanullah*

IAP Mehdi Ali Mirza Award for Academic Excellence was initiated by the Institute of Architects, Pakistan in memory of the founder President of IAP Mr. Mehdi Ali Mirza (late). These awards are given to the First Position holders, from the Schools of Architecture, starting with the 1981 batch of graduates. The First Award ceremony was held at Karachi in 1984.

This year, IAP Mehdi Ali Mirza Award was given to 17 graduates, from 16 Schools of Architecture from all over Pakistan. It's a pleasure to share that one of the awarded candidates is now serving as a lecturer in the Department of Architecture, BUIITEMS.

Mr. Sohrab Ahmed Marri graduated from the Centre of Excellence in Art & Design, MUET Jamshoro in the year 2013. Mr. Sohrab Marri is a distinction holder and has demonstrated academic excellence throughout the five years of his undergraduate architecture program.



## Matlab Workshop for Beginners

*Reported by: Ms. Ayesha Shaukat Baloch*

workshop was held in the Advanced Computing Lab, Architecture Block BUIITEMS. The 39 student participants were from Engineering, IT and Science disciplines. The objective was to provide essential basic information on MATLAB software.

The session started with the recitation from the Holy Quran, followed by the welcome note by Chairperson of the Department. Mr. Mehrgul Buzdar, Lecturer Electrical Engineering delivered the presentation, while the participants were given different exercises to learn as the workshop mainly focused on the following areas:

- Introduction to Matlab
- Matrices & its Implementation
- Built in Math Functions
- Programming Scripts
- Importing/ Exporting Data
- Graphics Fundamentals
- Help & Documentation

On the successful conclusion the participants were awarded with certificates of participation. The Chairperson closed the session and expressed her gratitude to the presenter and support team for their efforts.



## Launching of Online Research Journal

Reported by: Attiq Jaffar and Jamil Ahmad

BUIITEMS that HEC recognized the research journal published by BUIITEMS entitled “Journal of Applied & Emerging Sciences”. In continuity of this success, and the keen interest and support of Vice Chancellor BUIITEMS, the ORIC team has also launched the online version of “Journal of Applied & Emerging Sciences”. During his presentation on the occasion of launching online Research Journal, Dr. Jamil Ahmad, Director ORIC discussed the key benefits of the system and explained the process and procedures of article submission and peer review. Due to the enhanced search ability and service, users can now have easy access to their required publication. The electronic format is the only alternative method that can handle great increase in the information. Since the volumes of printed materials are increasing and libraries have limited space, it is



important to provide electronic formats. The most important advantage is economy of storage; the increase in cost for keeping printed material makes electronic forms more attractive and economical. The Online Journal will provide an open access to its subscribers which will help users to save their time and money. In the last session of presentation Mr. Attiq Jaffar demonstrated different features of the system. He explained the ease of access and correspondence between the authors, reviewers and editors, which will help all the stake holders to keep

updated regarding their queries and status of their submitted work/articles. In the end Vice chancellor, BUIITEMS appreciated the team work.



## IEEE Xplore – an online digital library resource

Report by: Mr. Ghulam Mujtaba

The IEEE Xplore digital library is

a powerful resource for discovery and access to scientific and technical content published by the IEEE (Institute of Electrical and Electronics Engineers) and its publishing partners. IEEE Xplore provides Web access to more than 3-million full-text documents from some of the world's most highly cited publications in electrical engineering, computer science and electronics. The content in IEEE Xplore comprises over 160 journals, over 1,200 conference proceedings, more than 3,800 technical standards, over 1,000 eBooks and over 300 educational courses. Approximately 25,000 new documents are added to IEEE Xplore each month. (Courtesy: <http://ieeexplore.ieee.org/xpl/aboutUs.jsp>) Hands-on Training session was arranged from March 31 to April 01, 2014 in Digital Library,

OAG Hall Takatu campus for the students and faculty members of Faculty of Engineering and Faculty of Information and Communications Technology. Mr. Rashid was the resource person from M/S A&JDefTek Consultants, Islamabad, who gave the participants an in-depth knowledge about the online database. The technical training sessions provided participants with an opportunity for the exchange of ideas and skills. Moreover; it was an opportunity for them to learn more about the online database and their knowledge by way of accessing scientific and technical content published by the IEEE and its publishing partners.



## Strengthening the Microsoft – FICT Bond

*Reported By: Mehmood Baryalai*

It is a matter of pride to share the industry-oriented approach of FICT for their students. Recently, two students from FICT (i.e. Danish Hussain Siddiqui and Abdul Mussawir) have attended the Microsoft Innovation Center (MIC) Lahore for an offered internship, which resulted in strengthening the bond between Microsoft and Faculty of Information & Communication Technology, BUIITEMS. The students were trained to work on several state of the art software development technologies (Windows 8.1 apps, WCF etcetera) of Microsoft. After the training, the students were also motivated to participate in a national software development competition, Punjab Youth Festival Windows 8.1 Hackathon. The students showed brilliant performance and developed the first Windows Store App from Balochistan (i.e. entitled as “Explore Balochistan”) and is available for free download. The app’s theme and app itself was appreciated by the judges and Microsoft personnel. They asked and helped the students to upload the app to the Windows Store



which is globally accessible, and it was the same enthusiasm and dedication due to which the world renowned “Microsoft Student Partner” program was established within BUIITEMS through the help of MIC. These activities and events are a major part of our studies. And for the same reason, the faculty members of departments like Computer Science, Information Technology and related disciplines are in close contact with the leading organizations of the world among which Microsoft is the one. These activities not



only help the students to use their acquired knowledge, but also help in the advancement of the region in general and BUIITEMS in particular.







# *Alumni Success Stories*



## Talha Ejaz



I completed my MBA (Marketing) in 2006 from BUIITEMS and was immediately appointed at Ufone, PTML in the capacity of Franchise Support Executive looking after three South regions, where I was credited with launching of 13 new franchises in different cities of Balochistan. After two years I got an opportunity to work with world's largest telecom operator China Mobile, operating with the brand name of Zong in Pakistan. My achievement in Quetta region as Business Center Manager got me chosen for managing central regional customer service operations in 2011 where I am currently heading a team of 30 team members from different regions of Pakistan in Lahore, Gujranwala, Gujrat and Sialkot.

The exposure that BUIITEMS gave me through deploying various methodologies and resources enabled me to think objectively in measuring values instead of figuring out the numbers. Success is a continuous journey and I believe in putting strenuous efforts to achieve organizational and personal goals while fulfilling my obligations as citizen of this country.

## Bilal Sarwar



Mr. Bilal Sarwar an academically gifted young man graduated in the MBA program securing a CGPA of 3.96 in 2008. During his time as a student of BUIITEMS he has always focused on the need of playing a positive role in society in all aspects of life.

On 9th October 2008, he was appointed as Lecturer at the Department of Management Sciences, BUIITEMS. Over the years Bilal honed on his academic and research skills by supervising several student research projects. Revisiting his research area fuelled him to further his education by attaining a Master's degree, to make his dream a reality Bilal won the HEC Scholarship in December 2011.

He took admission in the Master of Science in Management Sciences study program, specializing in Finance from the Pakistan Air Force Karachi Institute of Economics and Technology (KIET) in 2012 with thesis titled "*The Determinants of Banks' Capital Structure: Empirical evidence from Pakistan*". Bilal came home back to BUIITEMS in May 2013 as a gold medalist with a 4.00 CGPA.

Since his return Bilal has taken every step to inculcate all he has learnt to his students and to enhance the research capabilities of the department.

# MUSHROOMS

## Commercial Cultivation of Mushrooms at Chiltan Campus

By Dr. Muhammad Naeem Shahwani

Research for the sake of research and/or publications is justified to certain limit, however, nowadays research has taken different course, from basic to applied side, where solutions to problems are being focused. In this regard if a research work provides solution to any issue faced by a community, it will be appreciated no matter how simple the nature of problem is. With this vision I, as Administrator Chiltan Campus initiated a small project with the funding from the ORIC directorate of BUITEMS to contribute in the food related issues, water scarcity and unemployment problems of Balochistan.



Initially it was very hard to standardize the protocols for mushroom cultivation in Quetta due to harsh and dry weather conditions as mushrooms require 70% to 80% humidity and temperature of 15 to 25 degree Celsius for its growth. With the consistent efforts and commitment of BUITEMS team and the special interest of Vice Chancellor and hard work of research students, the team succeeded in establishing and standardizing the protocols for cultivation of oyster mushrooms at lab level within a period of six months. Next step was to increase the production from a laboratory to commercial scale. In this regard once again the said team with their efforts for almost a year succeeded to commercialize oyster mushrooms at a favorable level. It is a matter of great pleasure to share that oyster mushrooms produced at Chiltan Campus, BUITEMS are available at many prominent commercial places in Quetta for sale, which not only is generating revenue but also has set an example for the promotion of entrepreneurship. Furthermore, it is a great pride for BUITEMS family that as a public institution it is successfully cultivating and commercializing fresh mushrooms in the country.

## Oyster Mushrooms

By Dr. Muhammad Mushtaq



Oyster mushrooms are one of the most popular edible mushrooms; belonging to the genus *Pleurotus* and within the family *Pleurotaceae*. To date approximately 70 species of *Pleurotus* have been recorded. Wild *Pleurotus* mushrooms, distributed throughout the world, are the most important commercial mushroom within the genus *Pleurotus* and are widespread in temperate areas. This specie is quite adaptable to a range of climates and substrate materials, making itself the second most common mushroom produced worldwide following button mushroom. Proper cultivation methods vary by variety. A diversity of cultivation methods utilizing log, shelf, box, bag and bottle have been developed

and sawdust, log and agro-waste including straw and cotton waste serve as a good source for mushroom substrate.

Nutritionally it contains 60% carbohydrates, 9% fats and 31% proteins. It is low in Sodium, and very low in Saturated Fat and Cholesterol. It is also a good source of Protein, Thiamin, Vitamin B6, Folate, Iron, Magnesium, Zinc and Manganese, and a very good source of Dietary Fiber, Riboflavin, Niacin, Pantothenic Acid, Phosphorus, Potassium and Copper.

# BOOKS PUBLISHED

## Imran Ali Sani

Imran Ali Sani is working as Assistant Professor in Balochistan University of information Technology engineering and Management Sciences, Department of Biotechnology & Informatics, Faculty of Life Sciences. He has completed his M.SC (Hons) Entomology from University of Agriculture Faisalabad.

Imran Ali Sani  
Shahjahan Shabbir Ahmed

## How To Know Insect And Their Orders

A wide Array of people is attracted to the fascinating world of insects, especially because of their morphology and interesting ways of life. In entomology, insect has received considerable attraction from persons concerned with the environment. Estimates of the total number of insect species in the world range from one million to thirty million species but widely acceptable figure would probably be around five million. Anyhow about 9,00,000 insect species have been named and described and many more are being identified each year. Since many years, there has been a pressing demand, from the students of Entomology for a handy book of insect and their orders. An effort has been made to provide the characters and information, which is classify the insects into related orders and their

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## Imran Ali Sani

Mr. Imran Ali Sani is working as Assistant Professor in the department of Biotechnology & informatics Faculty of Life Sciences & Informatics in BUITEMS. He has completed his M.Sc (Hons) Entomology from University Of Agriculture Faisalabad with research focused on Biodiversity, Systematics and Taxonomy.

Imran Ali Sani

Shahjahan Shabbir Ahmed

## Biodiversity of beetles Coleoptera-Adephaga In AgroForest area

Biodiversity is the contraction of term biological diversity which refers to the variety within the living world. Diversity in forestry parlance is an amalgamation of species richness and evenness. The word richness indicates the number of species present in a designated area, where as evenness stands for the relative abundance of each species. It means that a pristine forest and a seriously degraded site may have identical number of species but the evenness will decide the degree of diversity.

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## Training Calendar September, 2014 to January, 2015

COURSE	SEPTEMBER	OCTOBER	NOVEBER	DECEMBER	JANUARY	Fee (PKR)
Effective Communication Skills	02-05					17000
Finance & Accounting for Non-Financial Executives (FD)		Sep 29 To Oct 01				15000
Effective Project Proposals (FD)		20-21				14000
Enhancing Leadership Skills (FD)			18-19			17500
Workshop on Project Management (FD)				02-04		17000
Skills in Administration					19-22	13500

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

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- ❖ 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
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