



NEWSLETTER

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BUITEMS

Quality & Excellence
in Education



**Balochistan University of Information Technology,
Engineering & Management Sciences**

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 loyalty and goodwill of our alumni and friends 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

BUIITEMS has stepped into the 10th year of its life. The objective of establishing BUIITEMS was to provide quality education in disciplines which are relevant to the demands of the twenty first century. With the establishment of this University, modern educational facilities were made available to the youth of Balochistan, at their own door-steps. They were provided opportunities to equip themselves with knowledge and confidence of facing and handling the challenges of practical / professional life.

During first nine years, BUIITEMS has maintained steady growth in physical facilities, human resources, laboratories and equipment, programs of study and the number of students enrolled. From a modest start in a single-building, the University has now assumed the status of a sprawling conglomeration of three campuses , accommodating faculties, hostels, playgrounds, expo-center, model research farms, conference halls, CMS systems, library and many other facilities. The faculty strength has gone beyond 350, while the student body beyond 5000. Our alumni are our ambassadors to the professional organizations across the country as well as overseas. They have proved their worth competently and are shouldering their responsibilities in various professional spheres with confidence.

The University has been focusing continuously on quality research; both at the level of faculty and students; consequently the results have been highly gratifying. The sizeable number of research articles recently published in reputed national and international journals and books speak of the intellectual prowess and industry of our research teams. Almost a dozen of our young faculty members won Fulbright scholarships by dint of their remarkable performance in the tests held for selection of talented scholars. Moreover our students, frequently proved their mettle in academic, co-curricular and extra- curricular contests nationally by winning trophies and notching up top prizes in debates and declamation contests.

This institution is playing vital role in grooming its students in order to make them productive members of the community. BUIITEMS' Quarterly Newsletter and Annual Reports signify the outstanding accomplishments of the faculty and the students in every sphere of the campus life. BUIITEMS has marched into the 10th year of its existence with the assurance that the well-oiled wheels of this machinery will keep on rolling on to distinctive achievements and enviable accomplishments.

National Engineering Robotics Contest (NERC-2011)

Reported by: Zeeshan Ahmed

National Engineering Robotics Contest was held at National University of Science and Technology (NUST), Islamabad from July 2 to July 7, 2011.

A group of students, comprising Zeeshan Ahmed, Zaheer Ahmed, Qazi Junaid and Zohair Aashique from the department of Computer Engineering, BUIITEMS presented a robotic project in the contest.



QZZZ Robo displayed at NERC-2011

An unmanned programmed vehicle capable of loading blocks and moving them to the desired slot shown in the arena marked as a colored slot was presented under the project 'QZZZ'. It was capable of performing the assigned task repeatedly. The color and white line follower sensors were also installed to guide the robot to find the path in case some hurdles propped up in its normal path.



BUIITEMS students with the Chief Guest

The Robot designed by the BUIITEMS' students was highly appreciated by the panel of experts and officials of NUST. 'QZZZ' was presented at the National Robo League 2011 held at FAST-NUCES Karachi from September 30 and October 1, 2011.

BUIITEMS Talent Hunt 2011 (Inter Departmental Song Competition)

Reported By: Kaleem Tareen

Directorate of Student Affairs BUIITEMS organized the BUIITEMS Mega Talent Hunt 2011. As a part of the program, a Song Competition was held at Green Hall Takatu Campus on July 4, 2011. More than 25 students pursuing studies in different programs of study participated in the event.

The winners of the contest were:

- **Shehryar Khan**
BS (Electronics) **1st Position**
- **Kamran Khan**
BS (Biotechnology & Informatics) **2nd Position**
- **Haris**
BS (Civil Engineering) **3rd Position**

Bodybuilding Championship 2011-12

Reported by: Masood kasi

A Bodybuilding Championship was held from 26th to 28th of July 2011 at Taji Khan Complex Alamdar Road Quetta under the auspices of Bodybuilding Association Balochistan. Mr. Muzaffar Changazai (Bodybuilding Association Member) was the Chief Guest of the event. Mr Adnan, a BS (BA) student from BUIITEMS took first position in the heaviest weight class, while he won second position in the over-all body building competition. Speaking on the occasion, Mr. Masood Kasi, the University Sports Director said that sportsmen are valuable asset of the nation and BUIITEMS would continue to encourage their training and development.



Adnan Posing for Championship

IEEE SCONEST 2011 INTERNATIONAL CONFERENCE

Report By: BK Chandio

IEEE SCONEST 2011 (Student Conference on Engineering Sciences and Technology) was held on 27th - 28th July, 2011, organized by Faculty of Electrical, Electronics & Computer Engineering, Mehran University of Engineering & Technology, Jamshoro.

SCONEST invited research papers from university students, in order to introduce new scientists and engineers.



SCONEST conference in progress

B.K. Chandio from the Department of Electronic Engineering, Faculty of Information and Communication Technology (FICT) represented BUIITEMS in the conference and presented his research paper.

Ration Distribution by T.I.B.M Among BUIITEMS Employees

Reported by: Manzoor Hussain

The Chairperson of Tanzim-e-Idara-e-Bahali-e-Mustaheqeen, along with two other members of the (T.I.B.M) Quetta distributed ration among 105 low-paid employees of Balochistan University of Information Technology, Engineering and Management Sciences (BUIITEMS) under their Ramzan Package Program on 22nd August, 2011.

Vice Chancellor BUIITEMS, Engr. Ahmed Farooq Bazai and the Pro Vice Chancellor BUIITEMS Prof. Dr. M. A. K. Malghani were also present on the occasion. The Vice Chancellor thanked the Chairperson T.I.B.M, Mrs. Suraya Alladin and the members of the T.I.B.M for their generous gesture.



Engr. Ahmed Farooq Bazai distributing ration kits

He appreciated the humanitarian services of T.I.B.M and hoped that they would continue supporting the needy and helping the less fortunate in the community. He mentioned that the contribution of T.I.B.M would not go unrecognized. He wished T.I.B.M continued success in their social activities and public service endeavors.

Chairperson T.I.B.M Mrs. Surrya Alladin paid rich tribute to the University authorities for their contribution to the cause of education in the region, and commended the steps taken for betterment of its employees. She expressed best wishes for BUIITEMS.



Mrs. Suraya Alladin distributing ration kits

Professional Training Program for Newly Appointed Faculty

Reported by: Ms. Fakhira Ramzan

The Directorate of Human Resource Development organized a two week Professional Training Program from September 15 to October 05, 2011 for newly appointed Faculty Teaching Staff in the Training Hall, Takatu Campus. The training was attended by 64 teaching staff from the Faculty of Engineering, Faculty of Information & Communication Technology, Faculty of Management Sciences, Faculty of Life Sciences & Informatics and Faculty of Arts & Basic Sciences, BUIITEMS.



Group of new faculty members with Vice Chancellor

Honourable Vice Chancellor, Engr. Ahmed Farooq Bazai, was the chief guest at the opening ceremony. The program started with recitation of verses from the Holy Quran. Ms. Fakhra Ramzan, Deputy Director Human Resource Development briefed the participants on the aims and objectives of the program. She stated that the faculty teaching staff are being trained under the guidelines of modules provided by HEC, Islamabad and BUIITEMS.

She hoped that the participants would benefit from the training and its impact would be reflected in the classroom environment. Prof. Dr. Malghani, Pro Vice Chancellor, in his speech reiterated that the purpose of the training was to equip the young faculty with professional skills

which will help them throughout their professional careers.

Vice Chancellor, in his address to the teachers, advised them to participate actively, taking full advantage of the opportunity. He stated that many other training programs would also be conducted. He hoped that the training would equip them with professional teaching techniques.



Trainers receiving certificates from Vice Chancellor

The closing ceremony was held on October 05, 2011. Vice Chancellor, Engr. Ahmed Farooq Bazai, was the Chief Guest. Pro- Vice Chancellor, the Deans, the Controller of Examinations, the Directors, Additional Registrar, the resource persons and the participants of the training program were present on the occasion.

The ceremony started with the recitation of verses from the Holy Quran. Professor Barkat Ali, Director HRD, briefly high-lighted the activities completed in the training program. He appreciated the efforts of Ms. Fakhra Ramzan, Deputy Director HRD and support staff in making the program a success.

The Vice Chancellor appreciated the efforts of organizers for holding the training program and hoped that the participants would implement the skills learnt by them during the training in their professional life. He also awarded certificates to the trainees.

World Space Week, 2011 Held at BUIITEMS

Reported by: Sameen Khan

BUIITEMS and SUPARCO organized the “World Space Week” event from October 10-11, 2011 at Takatu Campus, BUIITEMS. The objective of the event was to create awareness among the students regarding space applications and space studies being carried out in Pakistan.



Vice Chancellor and Member SUPARCO going round the stalls

Vice Chancellor BUIITEMS, Engr. Ahmed Farooq Bazai was the chief guest at the event while Mr. Imran Iqbal Member SUPARCO was also present on the occasion. The chief guest accompanied by SUPARCO Member inaugurated the event in which students from different schools of Quetta city participated.

Various competitions, including Water Rocket Competition, Debate Competition, Poster Competition and, Quiz Competition were held. Mr. Imran Iqbal briefed the students on the importance of space technologies and seek more knowledge from the modern technology advancement. He emphasized BUIITEMS' valuable contribution in the province and appreciated her efforts in the propagation of education in the fields of Science and Technology.

Ms. Alishba from Garrison Academy, Quetta Cantt. got the first position, while Imran Khan and Zohaib from Wilderness School clinched the second and third positions in the contest.

At the closing ceremony, Chief Guest Engr. Ahmad Farooq Bazai, while talking to the

students, teachers, media representatives and other officials, highlighted the relations between BUIITEMS and SUPARCO and acknowledged with gratitude the efforts of SUPARCO in Pakistan.



Vice Chancellor presenting University shield to Mr. Imran Iqbal

Engr. Ahmed Farooq Bazai, Qazi Azmat Essa and Mr. Imran Iqbal distributed prizes amongst the winners.

BUIITEMS 7th Interdepartmental Basketball Championship 2011

Reported by: Masood Kasi

The 7th Interdepartmental Basketball Championship was played from 10th to 13th October 2011 at Takatu Campus basketball court. Eight departments of the University took part in the event. All matches were played on knock out basis.

Teams from BSBA, BS (Petroleum & Gas Engineering), BS (Electronic Engineering) and BS (Computer Engineering) qualified to play the semi-finals, after tough competitions in the qualifying round.

Semi-Finals:

The first semi-final was played on 12th October, 2011 between BS (Petroleum & Gas Engineering) and BSBA. The match was a spirited display of agility and enthusiasm. BS (Petroleum & Gas Engineering) sailed into the final by beating the BSBA team by 21-17.

The second semi-final was played between BS (Electronic Engineering) and BS (Computer Engineering). BSCE won the match by 26-8 and qualified to play the final.

Final:

On 13th October 2011, the final match of the 7th interdepartmental basketball championship was played between BS (Petroleum & Gas Engineering) and BS (Computer Engineering). In the beginning of the match BS (P&G) held a strong grip on the match and scored 18 points in the first half. In the second half BS (CE) made a brilliant comeback and stopped the scoring spree of BS (P&G). The match was extremely close till the last 5 minutes when the Adnan Afridi & Waqas of BS (P&G) played marvelously and clinched victory for BS (P&G), beating the opponents by 29-23 points. The championship trophy was awarded to them.



Basketball match in progress

Chief Executive PPAF Visits BUIITEMS

Reported by: Abdul Qadeem Kakar

Chief Executive, Pakistan Poverty Alleviation Fund, Qazi Azmat Essa called on Vice Chancellor BUIITEMS on 11th October, 2011 on a good will visit to the University. He was given a briefing on the history and salient services of BUIITEMS by the Vice Chancellor, Engr. Ahmed Farooq Bazai. The briefing was held in the Video-Conferencing hall of the Takatu Campus where Pro. Vice Chancellor, Dr. M.A.K Malghani, Deans of faculties, Directors and many other faculty members were present.



Qazi Azmat Essa talking to ICT faculty member

The Vice Chancellor emphasized that poverty alleviation can be ensured through the promotion of education. The new generation needs to be well-equipped with scientific and technical knowledge. Grooming of the characters of the students has to be an integral part of their education, so that they can serve humanity to the best of their capabilities.

Qazi Azmat Essa expressed his appreciations over the physical facilities, high class instruction, congenial and disciplined atmosphere prevailing on the campus. He remarked that his visit of BUIITEMS has assured him about the bright future of the youth of Balochistan. BUIITEMS has rapidly grown into a remarkable institution that guarantees quality and excellence in education. Majority of the people in Pakistan are living below the poverty line and it is imperative that technical skills are imparted to the youth, so that they may live with dignity and happiness.

Qazi Azmat Essa paid rich tributes to the University faculty for bringing about a revolution in the concept of education in the province.



Qazi Azmat Essa expressing his views on his visit

Interdepartmental T-20 Cricket Tournament 2011 BUIITEMS

Report by: Shoaib Baloch

The 7th Interdepartmental T-20 cricket Tournament 2011 was held at Takatu Cricket Ground from 12th October to 31st October 2011. Member of the Sports Committee, Mr. Abdul Qadeem Kakar inaugurated the tournament. In his opening address he said that the sports play important role in grooming and reforming the youth.

In the opening matches twenty two departmental teams participated, out of which eight qualified for the quarter finals. After tough competition in the quarter final, BS (CE), BS (Min.E), BS (Eco.) and BS (P&G.E) qualified for the semifinals of Interdepartmental T-20 Cricket Tournament. The first semifinal was played on 29th of October between BS (CE) and BS (Mining). BS (CE) won the match by four wickets. Akram showed excellent performance as a bowler and got three wickets. The second semifinal was played between BS (Eco.) and BS (P&G.E). The match was won by BS (P&G.E). Mr. Najeeb Khan played a superb innings as an all rounder. He scored 50 runs and got two wickets.

The final match of the T-20 Interdepartmental Tournament was played between BS (P&G.E) and BS (CE) on 31st of October 2011. Batting first, BS (CE) set the target of 175 runs for their

rivals. Playing well and sensibly BS (P&G.E) batsmen chased the target in 19.2 overs. Israr did magnificent batting by scoring 65 runs and Najeeb showed his prowess as a bowler. He got three wickets. Israr and Najeeb shared the Man of the Match honors of the final match.



Mr. Ajmal Khan receiving the Winners Trophy.

Najeeb Khan of BS (P&G.E) was declared best player of the tournament.

Administration and Faculty T-20 Cricket Matches

Matches between faculty and administration were also played during the T-20 Interdepartmental Cricket tournament. Eight teams from both sides participated in the contest. The semifinals were played on 22nd of October. The first semifinal was played between Faculty of Takatu Campus and Administration of Takatu campus. Administration of Takatu Campus won the match by four wickets. Mr.Imran got the Man of



BUIITEMS Administration Team, Takatu Campus with Trophy

the Match award. The second semifinal was played between Administration of Takatu and Faculty of City Campus. Faculty of City Campus won the match by 50 runs. Mr. Jamal Achakzai was declared Man of Match for scoring 54 runs.

The Final Match was played between Faculty of City Campus and Administration of Takatu Campus. Administration of Takatu campus won the Match by four wickets. Mr. Jahanzeb was declared Man of the Match. He scored 50 runs.

Addition to BUIITEMS Bus-Fleet

Reported by: Abdul Qadeem Kakar

With the increase in students' strength, the University also increased its services reciprocally. One such move was the purchase of two new buses.



Mr. Farhan Baig receiving keys from Vice Chancellor

On October 17, 2011, Vice Chancellor Engr. Ahmed Farooq Bazai inaugurated the addition of buses in the existing fleet and handed over the keys to Mr. Farhan Ahmed Baig, Assistant Transport Officer.

He exhorted the students to pay whole-hearted attention to their studies and get benefit from the available facilities. He declared that more buses would be purchased during the next financial year. The Pro Vice Chancellor, Registrar and other prominent members of the administrative staff of BUIITEMS also witnessed the ceremony.

Inauguration of New Computer Lab at City Campus

Reported by: Mr. Jamal Mustafa

On 18th October 2011 the Vice Chancellor Engr. Ahmed Farooq Bazai inaugurated the newly established computer lab, designed to cater the needs of the students of the Faculty of Management Sciences. New computers have been installed in the lab with the latest software. This lab is a significant addition to the facilities already available to the faculty and students at the City Campus.



Vice Chancellor BUIITEMS inaugurating the new Lab

World Osteoporosis Day Commemorated

Reported by: Sameen Khan

Pakistan Osteoporosis Society Balochistan in collaboration with International Osteoporosis Foundation organized a one day seminar on Osteoporosis on 20th October 2011, at Quetta Serena. Large number of students from universities & colleges, heads of many institutions, including many doctors, media representatives and notable members of society participated.

Dr. M.A.K Malghani, Dr. Azam Kakar, Dr. Nazeer Ahmed and Mr. Sameen Khan, Student Affairs Coordinator along with a delegation of 20 MS students from the Faculty of Life Sciences and 15 BS students from other faculties of BUIITEMS actively participated in the Seminar.



Walk on the eve of World Osteoporosis Day

Study Tour of Senior Management Course Participants

Reported by Waqar Durrani

A group comprising 17 high ranking federal and provincial officers from the National Management College, Lahore visited BUIITEMS on Oct; 26, 2011. Mr. Sher Afgan and Mr. Taha Hussain Bugti coordinated the tour.

On their visit to the Takatu Campus, the group was shown various laboratories and academic facilities, CMS and Data Center, Libraries, Seminar Halls and the Expo Center.



Visiting Trainee officers being show CMS

Vice Chancellor, Engr. Ahmed Farooq Bazai gave a detailed briefing on the history and functions of the University.

Speaking on behalf of the group, Mr. Taha Hussain Bugti, thanked the Vice Chancellor and his colleagues for giving the group the opportunity of seeing history being made before their own eyes.



Senior Management group with Vice Chancellor

Vice Chancellor, Engr. Ahmed Farooq Bazai presented the University shield to the group leader as a memoir of their visit.

National Workshop: Strategies for Improvement in Livestock Reproduction

Reported by: Dr. Jaffar Hassan

A national workshop was organized on November 19, 2011 at UVAS, Lahore to analyze the current situation of animal reproduction and to define and propose strategies for improvement in the livestock reproduction in the country.

Dr. Muhammad Azam Kakar, then Dean, Faculty of Life Sciences and Informatics participated in the said workshop and chaired the session on "Artificial Insemination Technicians Training and Record Keeping". In the general body meeting Dr. Kakar was elected as Vice President of the Society for the next three years. The general body also chose four scientists including Dr. Muhammad Azam Kakar from all over the country as member 'think tank' for future research and development in the field of animal reproduction.



Participants of the National Workshop

Chairman Pak-China Institute visits BUIITEMS

Reported by: Prof. S.M.Niazi

Ex. Senator Mr. Mushahid Hussain Syed, Chairman Pak-China Institute Visited BUIITEMS on 23rd of November, 2011. He was welcomed by Engr Ahmed Farooq Bazai. Mr. Hussain and Vice Chancellor exchanged good wishes and discussed the prospects of expanding the range of academic programs at BUIITEMS. Later they arrived at Video-Conferencing hall where other prominent members of the University administration and faculties were present.

The Vice Chancellor introduced Ex. Senator and chairman, Pak-China Institute to his colleagues. He was shown a documentary on the salient features of BUIITEMS, after which the Vice Chancellor highlighted the academic growth and physical infra-structure of the institution.

Mr. Mushahid Hussain Syed narrated his journey from a student to a journalist and then to a media man. He told that Dr. Javed R. Leghari urged him to visit BUIITEMS and see how competently an engineer was undertaking academic of university development.



Mr. Mushahid Hussain Syed with Vice Chancellor

He appreciated the emergence of positive dynamism in the country as new institutions like media, judiciary, civil society, youth and NGO's were gaining ground against stagnation in the political system. He saw prospects of global

change in the revolt against corruption seen in Arab and African countries. His experiences in building up friendly ties between Pakistan and China gave him much insight into the nature of powers of change. He concluded his address with the promise of speaking for BUIITEMS in Islamabad as it deserves all the support.

The University shield was presented to Mr. Mushahid Hussain as a memento of his visit to BUIITEMS.



Vice Chancellor BUIITEMS presenting University shield to Mr. Mushahid Hussain Syed

SEMINAR on "Institution Building"

Reported by: Mohammad Shah Khan

Mr. Amjad Rashid led a delegation of Non-government Organizations (NGS's) on their visit to BUIITEMS on December 8, 2011. The delegates were taken around the Takatu Campus where they were shown different laboratories including Video-Conferencing room, Data Center and seminar halls of the University. Later on, a seminar was held on the topic of "Institution Building" in which all the delegates from NGO's, many interested University teachers, students and members of the administrative staff participated.

Opening the seminar, Engr. Ahmed Farooq Bazai, Vice Chancellor BUIITEMS, emphasized the importance of building institutions,

particularly educational institutions, as these have to build the Society and the Nation. 'It takes centuries to build a university and the reputed universities in the world have very long histories of their existence. Their alumni today run the affairs of important institutions'. He stated that the rapid rise of BUIITEMS as a university has been very impressive, but it is yet to go a long way. Faculty and the students are working very hard and harmoniously for the achievement of BUIITEMS goals. The University is serving for the benefit of the students from the under privileged sectors in the country. BUIITEMS has introduced a number of programs for financial assistance of needy but capable students and further ways and means are being explored to extend the scope of assistance. It is the duty of the educational institutions to analyze and contemplate on issues of national importance and to suggest their practicable solutions.

Addressing the seminar Mr. Amjad Rashid expressed his firm belief that sincere and devoted efforts are bound to translate hopes into realities. He exhorted the NGO's to have closer relations and contacts with the educational institutions in order to ensure promotion of quality education.

At the end of the seminar, representatives from NGO's thanked the Vice Chancellor for his address and for affording them the opportunity of seeing a model institution in the province.

12th Meeting of the Advanced Studies and Research Board

Reported by: Niaz Mohammad Kakar

BUIITEMS Advanced Studies and Research Board held its 12th meeting under the chairmanship of Vice Chancellor, Engr. Ahmed Farooq Bazai, on December 9, 2011. Pro Vice Chancellor BUIITEMS Dr. M.A.K Malghani, Deans of faculties and heads of various academic departments attended the meeting. Various agenda items submitted to the Board by faculties were discussed and approved by the Board.



Vice Chancellor addressing the Board Meeting



Mr. Amjad Rashid distributing certificates

Vice Chancellor, Engr. Ahmed Farooq Bazai, speaking on the occasion, emphasized the need for holding the meetings regularly and careful review of agenda items by the faculties. He pointed out that research is the fundamental function of universities and such avenues of research need to be explored which yield productive and useful results for the society. We cannot afford to compromise on quality of research and productivity, he said. The meeting ended with a vote thanks for the chair.

Study tour of BS (IT) Students to Islamabad

Reported by: Mazhar Ali

The Study tour of BS (IT) students led by two faculty members namely Mr. Ahthsham Sajid and Mr. Mazhar Ali, was undertaken from 14th to 23rd December, 2011. The objective of the tour mainly was to expose the students to academic setting and learning opportunities available at different IT Organizations and Universities, to introduce them to other universities, IT solution providing organizations and give them chance to interact with students and professionals of different universities / organizations. The group visited a number of academic and research institutions in Islamabad. Notable among these were COMSATS, Quaid e Azam University, SZABIST, IBM, PTCL, and Elixir Technologies. Students were also provided opportunity by COMSATS Islamabad to attend an International Conference on the “Frontier of Information Technology”.



Group photo of students of BUIITEMS

Symposium on Human Rights at BUIITEMS

Reported By: Sameen Khan

The Human Rights Commission of Pakistan (HRCP) in collaboration with BUIITEMS organized a one day symposium on “Human Rights” at Takatu Campus BUIITEMS on December 20, 2011. The audience on the occasion included University students, faculty

members, and staff from various departments of the University.

Opening the proceedings of the symposium, Mr. Tahir Hussain (advocate), Vice Chairperson of HRCP, delivered a speech on Human Rights Manifesto and Educational, Political, and Social Rights of females. Mr. I.A. Rehman, Secretary General, HRCP gave his scholarly views on Peace and Human Rights. He was of the opinion that students at university level could play important role for the protection and promotion of their own rights, the children’s rights, the women’s rights, the social and cultural rights. He also focused on the importance of peace in the light of the United Nation’s Charter. Mr. Aziz-ud-Din (Lecturer Psychology, UoB) gave a talk on “Tolerance”.

Mr. Rahat Malik (Citizens Rights Pakistan) gave his presentation on Citizens Rights and Human Rights in Pakistan in detail.



Dr. M.A.K Malghani addressing the symposium participants

At the end of the symposium, Prof. Dr. M. A. K Malghani, Pro Vice Chancellor BUIITEMS, who was the Chief Guest of the symposium, shared his views regarding Human Rights. He thanked the HRCP for holding the symposium and ensured them of BUIITEMS’ cooperation and support in their future endeavors.



Participants at the symposium.

Youth X-Po Quetta at BUIITEMS

Reported By: Syed Shah Muhammad

Youth X-Po Quetta was jointly organized by BUIITEMS, Organization for Development of Youth (ODY) and School of Leadership (SoL), Karachi at BUIITEMS, Takatu campus on December 24-25, 2011 under the theme of 'Exploring Possibilities'.

Around 200 youth from different universities and colleges participated in the event and mentors from different organizations shared their views and knowledge with the group.



Dua being offered at Youth X-Po

On the first day of the event, Mr. Kamran Rizvi, a well known trainer and cofounder of SoL, gave his precious views on the topic "NOW, THE FUTURE". He focused on Self confidence and Youth Leadership and inspired youth with his energetic ideas. Dr. Ghulam Rasool, a well known psychiatrist and psychologist, gave his impressive presentation on "Leadership in

Community Development". Ms. Faiza Meer, Assistant Professor International Relations Department at University of Balochistan (UOB), Quetta spoke on "Build and Manage Meaningful Relations". She stressed on the importance of relationships in our daily lives.

On the second day of the event Mr. Umair Jaliawala, Chief Turning Officer at Torque gave his presentation on "TAKE CHARGE OF NOW". Mr. Mohammad Shah Khan, Deputy Director University Advancement and Financial Assistance, BUIITEMS gave a detailed presentation on "Career Development". Panel discussion on "Career Guidance" with HR Professional was also a part of the event and the panelists were:

1. **Prof. Dr. Ehsanullah Kakar:**
(Chairman Civil Engineering BUIITEMS)
2. **Mr. Mohammad Shah Khan:**
(Deputy Director University Advancement and Financial Assistance, BUIITEMS)
3. **Barrister Adnan Kasi**
(Principal Law College, Quetta)
4. **Dr. Jawad Babai**
(Executive Director ODY)
5. **Mr. Akram Tareen**
(Director, The Voice of Knowledge)
6. **Mr. Faizan Hassan**
(Facilitator British Council)

Youth X-Po was particularly fruitful for the youth of Balochistan as they gained new knowledge, learned energetic activities and partook of world-class facilities at BUIITEMS.



A group photo of the Youth X-Po

Books Publications

Islamic Banking and the Determinants of its Sustainable Growth

The Case of Balochistan

Mr. Nadeem-uz-Zaman is working as Assistant Professor in the Department of Management Sciences, Balochistan University of Information Technology, Engineering and Management Sciences, Quetta, Pakistan.



Mr. Nadeem

He holds MS degree in Management and Economics and has experience in teaching Islamic banking, Islamic finance and Islamic FIQH relating to Islamic banking and finance.

In the last two decades, Islamic banking all around the world has shown remarkable success in entering the mainstream market. Will the Islamic banks be able to sustain their growth in the future?

This book describes the most important current issues and challenges facing Islamic banking in the world by offering insights into factors like the political and legal infrastructure, the current issues relating to the efficiency of Islamic banks, their competitiveness, effectiveness of their management, their Shariah-compliance image, opportunities/ areas for investment, the need for improved knowledge and inclination of the potential customers and the general trend of growth. These factors in turn determine if the Islamic banks will be able to sustain their growth in the future.

Though the study relates to Balochistan, the results may well be generalized to the Islamic banking all over the globe. Therefore, this book offers students of



management/ finance, teachers, bankers, policy makers and many other stake-holders dependable knowledge about the courses of action Islamic banks need to follow not only to maintain with their present-day success but also sustain their growth in the future.



Risk-Management-in-Islamic-Banking

Publisher: Lambert

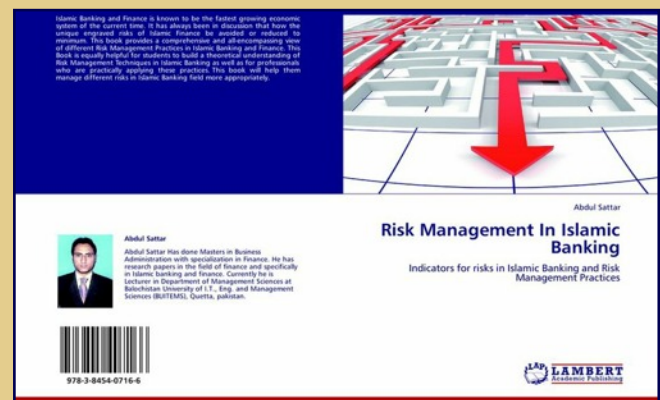
Islamic Banking and Finance is known to be the fastest growing economic system of the current time. It has always been in discussion that how the unique engraved risks of Islamic Finance be avoided or reduced to minimum.



Mr. Abdul Sattar

This book provides a comprehensive and all-encompassing view of different Risk Management Practices in Islamic Banking and Finance.

This Book is equally helpful for students to build a theoretical understanding of Risk Management Techniques in Islamic Banking as well as for professionals who are practically applying these practices. This book will help them manage different risks in Islamic Banking field more appropriately.



Research Papers

Australian Journal of Basic and Applied Sciences,
5(6), 1657-1667.

Hyper-GA for Solving Benchmark Scheduling Problems.

Aftab Ahmed, Abdul Wahid Shaikh, Mazhar Ali, and A. H. S. Bukhari, (2011b). "Hyper-GA for Solving Benchmark Scheduling Problems."



Presented at IEEE Seventh International Conference on Natural Computation (ICNC), 2011 Shanghai, China.

Triphasic solving approach for scheduling problem.

Aftab Ahmed, Zhoujun Li, and A. H. S. Bukhari, Triphasic solving approach for scheduling problem.



Current Research Journal of Biological Sciences
3(5): 499-503, 2011,

The Effects of Different Concentrations and Combinations of Growth Regulators on the Callus Formation of Potato (*Solanum tuberosum*) Explants.

1Shahab-ud-din, 1I.N. Sultan, 1M.A. kakar, 1A. Yousafzai, 1F.A. Sattar, 1F. Ahmmad, 2S.M. Ibrahim, 3M. Hassanullah and 4B. Arif

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Understanding Context-aware Architectures for Ubiquitous Environment

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Comparative study of WCAG 2.0, IBM Web 5.1 and Section 508- §1194.22 for Lower-Literate Web Users to enhance Content Usability

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Sindh University Research Journal
Volume 43 (1-A) Page 31-38, June 2011

Privacy issues in VANETs Intelligent Applications

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Sindh University Research Journal
Volume 43 (1-A) Page 27-30, June 2011

Impacts of Information Technology on E-learning System in Pakistan

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Journal of International Academic Research, Vol 11,
No 2 (2011)

Obstacles faced by Females in pursuing their jobs in Pakistan

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Journal of Economics and Sustainable Development,
Vol. 2, No. 3, 2011.

The Long-run Relationship among Money, Income and the Price Level in Pakistan

M. Ali Kakar, Mehmood Khan Kakar,
Wakeel khan and Waliullah



Journal of Asian Economic and Financial Review,
Vol. 1, No. 2, 2011.

Factors Affecting the Real Estate Prices in Pakistan

M. Ali Kakar and M. D. Kakar Abstract



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