

ANNUAL REPORT 2010



BUITEMS

Quality & Excellence in Education

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 BUITEMS, 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, scholar 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.

BUITEMS

Quality Policy Statement

BUITEMS 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.





Foreword

Balochistan University of Information Technology, Engineering and Management Sciences (BUITEMS) has continued her forward march in providing quality and productive education in a number of much demanded disciplines. The university has kept on grooming her students potentially and professionally shouldering their social and vocational responsibilities with courage and assurance. BUITEMS is alive to the fact that maintenance of a healthy correlation between higher education and economic growth of the country is crucial to our survival. We are engaged in the task of facilitating access to higher education in the province with continuous focus on quality. In spite of the tremendous challenges like inadequate financial support and shortage of faculty, the pace and tempo of our performance have not been allowed to recede. We succeeded in opening a number of new vistas for academic advancement and consolidated our position as a model premier institution during the year 2010.

With our clearly defined vision and our avowed objective of inculcating in our students the traits of open-minded thinking, self-reliance and efficiency, we realize that well-educated youth hold the key to ushering in a new era of positive thinking and rejection of bigotry, parochialism and extremism. They as future leaders of our country can play a vital role in directing the nation's outlook towards world peace and global fraternity.

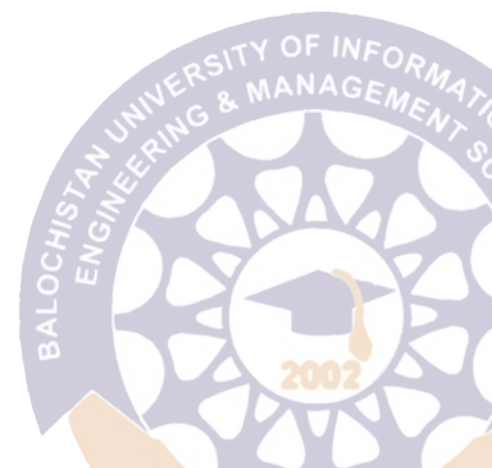
In the year 2010, BUITEMS maintained the tempo of both internal growth and international collaboration. The objective of quality enhancement has become more achievable through benchmarking of our academic and research endeavours with institutions of higher learning across the globe. Provision of financial assistance to the diligent but needy students is another distinguishing feature of services provided to the students at the university. No student is deprived of the educational facilities, simply on account of financial impediments. The university is continuously focusing on increasing access to higher education for all those who promise to work hard.

Generation of new knowledge is one of the basic functions of a university. BUIITEMS, being cognizant of this requirement, has been active in the field of research. All activities have now been coordinated through the establishment of an exclusive Research Directorate at the university with the objective of developing, expanding and managing diverse research programs and economic priorities of the country.

Following the corporate social responsibilities and core values of the university, BUIITEMS rose up to the demands of the occasion and came up with substantial donations for relief of the people severely hit by floods in Pakistan in the year 2010.

When we look back at the state of our performance during the year 2010, we experience a heart-warming sensation to find that BUIITEMS has justified the confidence reposed in the institution by the people as there is steady progress in all academic, social, corporate and development sectors. We are grateful to Nawab Zulfiqar Ali Magsi, Chancellor BUIITEMS/ Governor, Balochistan and Dr. Javed R. Leghari, Chairman, Higher Education Commission and his team for their continued patronage of this growing institution.

Engr. Ahmed Farooq Bazai
Vice Chancellor



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BUIITEMS.....A SUCCESS STORY..

The Balochistan University of Information Technology, Engineering and Management Sciences (BUIITEMS) today stands as an emblem of quality education in the country. This distinction, when viewed in the perspective of just eight years of the existence of the university is something really dazzling. From a modest beginning in a small building in Jinnah Town, the university has now assumed the dimensions of a sprawling multi-campus conglomerate comprising five faculties and numerous related offices and directorates. Beginning with an initial intake of just 90 students in three programs of studies, the university is now catering to the academic needs of more than 4600 students enrolled in 38 programs of study.



The university has so far produced 1608 graduates and 601 post graduates in disciplines of Business Management, Economics, Environmental Management, Biotechnology, Computer Science, Computer Engineering, Electronic Engineering, Petroleum & Gas Engineering, Chemical Engineering, Information Technology, International Relations, Physics, Mathematics and Psychology. BUIITEMS graduates are serving different sectors of the national economy with great confidence and competence. All of them have been giving proof of their mastery over the fields of their respective professions and have added to the good repute of the university. This has been possible only because BUIITEMS strictly follows the philosophy of quality, hard work, intellectual rigor and character building of her students. There is, all around, a congenial atmosphere for meaningful technical and professional learning. The university authorities are committed to developing and sustaining an environment conducive to quality and excellence in teaching, learning, research through formal and informal techniques. Research publications of our scholars are sure proof of their contributions in

extending the borders of knowledge.

It is gratifying to note that BUIITEMS has lived up to the expectations of the public. The university is focusing on exposing the students to the perspectives of the global society, through the approaches of in-depth learning, meaningful research and integration of the students' community into academic network available abroad. Availability of the video-conferencing facility at the university is proving to be of immense advantage both for the teachers and the taught. During the year 2010, our students and faculty had the unique experience of learning from eminent foreign scholars through participation in classes conducted on the video-system.



BUITEMS has been continuously focusing on the need of integration between the programs of study offered by the university and their practical application in professional areas. It was noticed that great advancement had occurred in the field of Biotechnology and there was immense demand of specialized skills in that domain. The university decided to open two new departments i.e. The Department of Microbiology & Pathology and The Department of Plant Sciences & Informatics. The fields of Microbiology and Pathology involve the interaction of multidisciplinary sciences and thus open important vistas related to pharmaceuticals, food production, food preservation, health and diagnosis of diseases etc. The fields of Plant Sciences and Informatics cover the areas of genetic improvement of important crops, plant physiology, pest control, precision farming and harvest physiology.



In today's world of hectic professional pursuits and domination of technology, it is very refreshing to experience the sublimation of our crude sensibilities through the medium of fine arts. BUITEMS created the Department of Fine Arts with the purpose of providing opportunities to the youth to nurture their nascent artistic talents in the study of culture and aesthetics. After the completion of their Bachelor in Fine Arts, the students would have gained adequate artistic maturity to express their ideas in their paintings and sculptures.

Today the world has no doubt shrunk into a global village. No nation can think of surviving in isolation. There is tremendous and rapid flow of information from one corner of the globe to the other. In this universal set-up, there is continuous demand for people with specialization in the art of mass communication. With the object of meeting the demand, BUITEMS introduced BS (Mass Communication) in order to equip the students with tools for relaying information through mass media to large segments of the society.

With the increase in the number of programs offered at the university, there has been continuous focus on strengthening and up grading the laboratories in all the faculties. The establishment of more than a dozen new laboratories in the Faculty of Engineering and the Faculty of Life Sciences & Informatics is a significant accomplishment on the part of the university authorities. New equipment installed in the laboratories is not only facilitating the instructional process at the university but is also helping in enhancing the tempo of research activities and research based publications.



Enrichment of the library resources has been another notable feature of our endeavors during the year 2010. For complete grasp of concepts, it is not enough for the students to study the prescribed textbooks only. They have to glean information from diverse sources in order to reinforce the information gained in the classroom. BUITEMS has always been awake to the immense need of well-stocked libraries on the campuses.

BUITEMS offers various incentives to hard working, diligent and needy students

in order to encourage them in the pursuit of their studies. Apart from merit scholarships offered to students various forms of financial assistance are also provided to them. Work & Study program introduced at the university has been acclaimed as a unique system which preserves the students' self-esteem and facilitates them to devote all their attention to their studies without being bugged by financial worries.



We believe that our alumni are our best ambassadors and emissaries to the different sectors of professional occupation and to the spheres of technical enterprises. They have elevated the image of BUIITEMS, not only through their sound knowledge of the respective fields but also illumined the name of their alma mater through triumphant performances in co-curricular and extra curricular contests at the provincial and national levels.

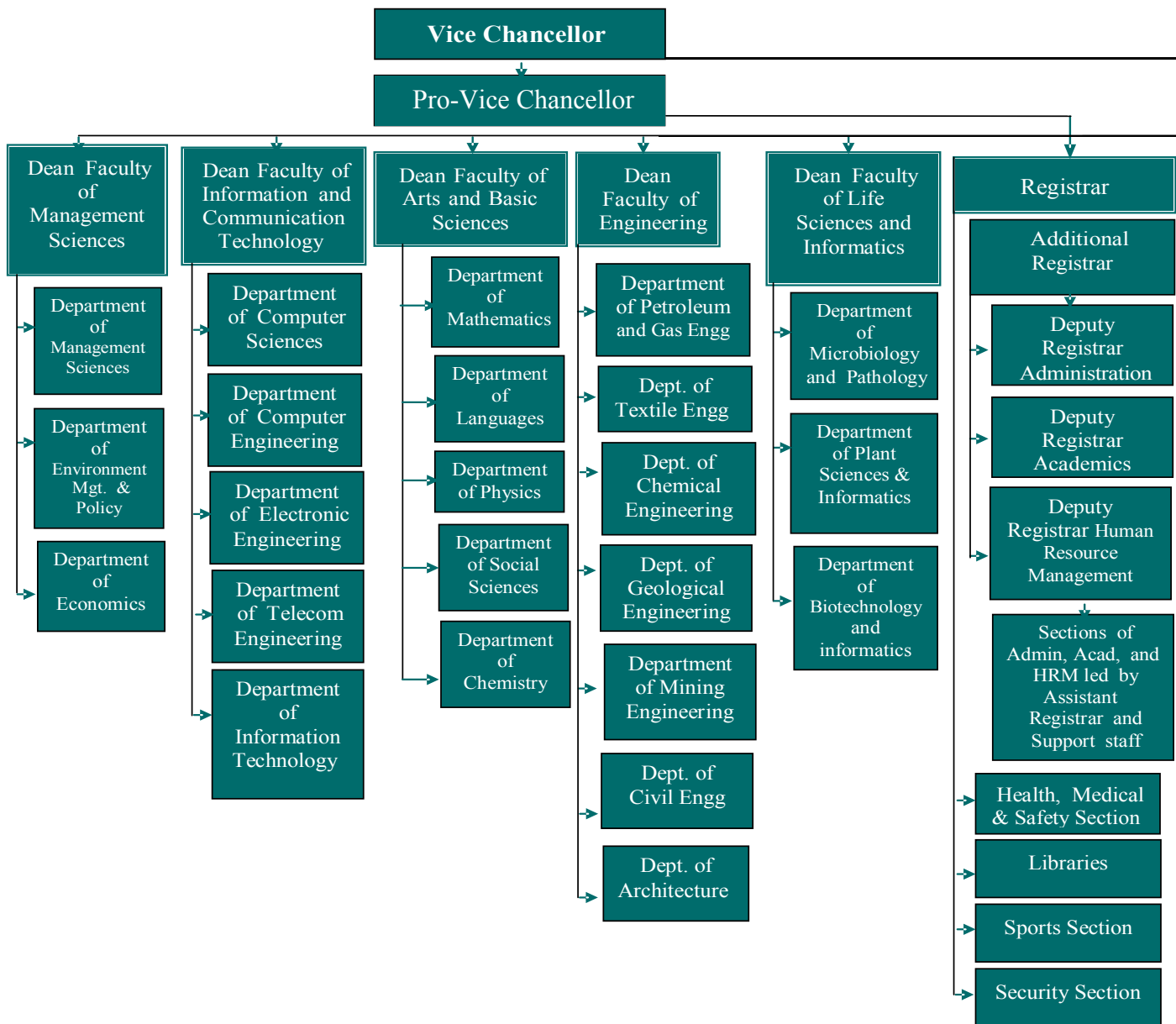
Winning top honors in debates and sports contests has become almost a habit of BUIITEMS students. They were eagerly and enthusiastically active at the time of natural calamities like earthquakes and floods. They contributed effectively to the relief steps taken for the rescue and rehabilitation of the victims. A comprehensive database of the university alumni has been developed.

Some of the accomplishments projected through Annual Report, 2010 reflect BUIITEMS continued progress and success in the realization of the mission of the university in providing quality education with focus on research. This premier institution has perpetually focused on equipping our students with the art of living as productive and respectable members of the world society. BUIITEMS Annual report 2010 provides insight into our journey to heights of glory.



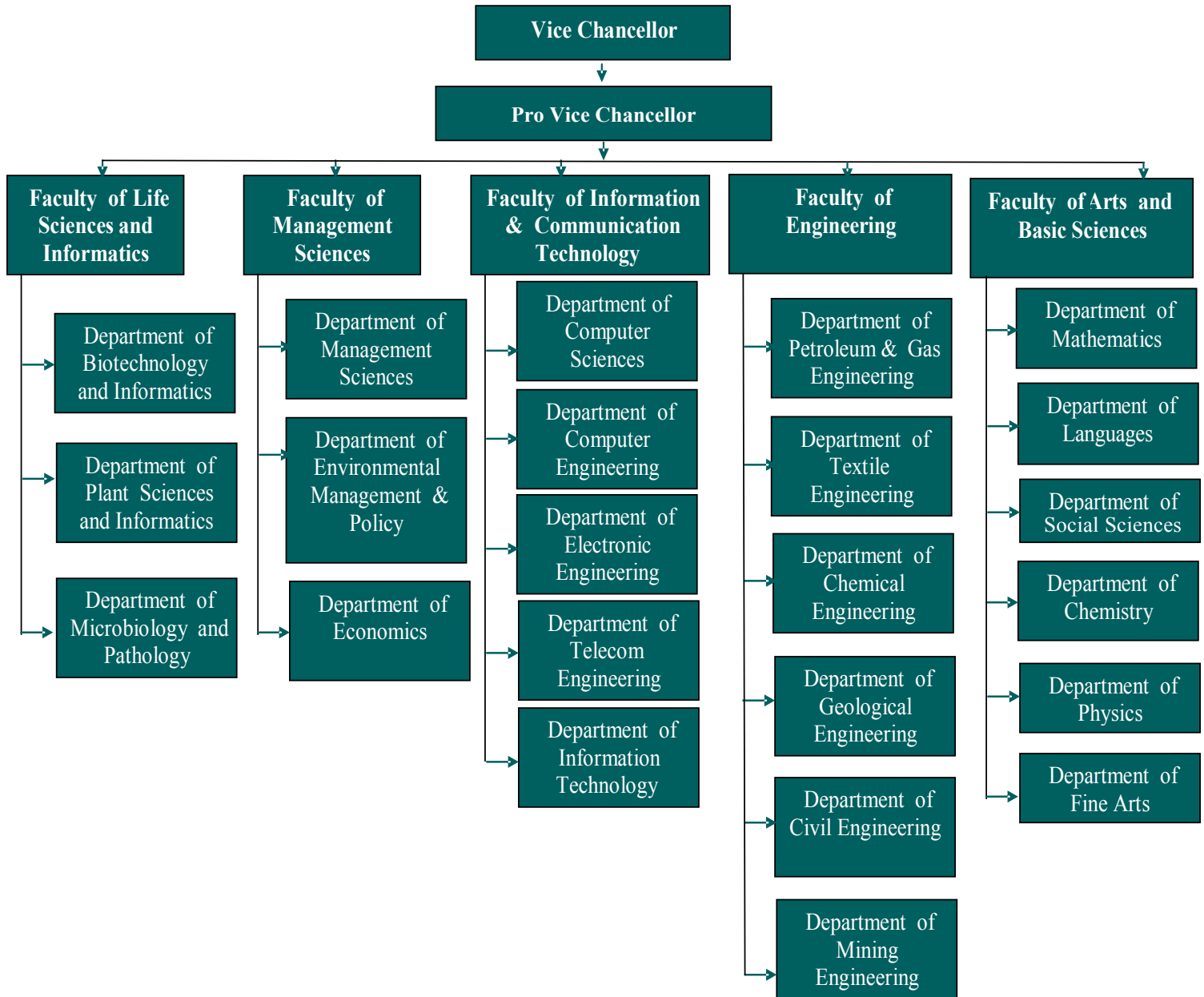
The year 2010 was another year of sustained growth, quality enhancement, new academic linkages, educational enrichment and knowledge-generation. For our continued movement in pursuit of our vision of being among the leading universities of the world, there is dire need for further expansion of facilities and growth of the physical and technological infra-structure of the university. We have resolved to keep on marching forward in spite of the challenges of financial restraints and social impediments.

ORGANOGRAM OF THE UNIVERSITY





Academic Set-up of BUIITEMS



Faculty

Departments

Total Number of Faculty Members

Faculty of Information and Communication Technology

Electronic Engineering	15
Computer Science	23
Computer Engineering	14
Information Technology	07
Telecom Engineering	09
Faculty Sub-Total	68

Faculty of Management Sciences

Management Science	49
Economics	18
Environmental Management & Policy	04
Faculty Sub-Total	71

Faculty of Engineering

Chemical Engineering	14
Textile Engineering	13
Petroleum & Gas Engineering	14
Mining & Geological Engineering	06
Civil Engineering	09
Architecture	06
Faculty Sub-Total	62

Faculty of Life Sciences and Informatics

Bio Technology & Informatics	19
Micro Biology & Pathology	03
Plant Sciences & Informatics	05
Faculty Sub-Total	27

Faculty of Arts and Basic Sciences

Mathematics	10
Physics	05
English	10
Psychology	03
Islamic Studies	02
Chemistry	01
International Relations	02
Statistics	03
Sociology	01
Fine Arts	03
Faculty Sub-Total	40
Total	268

Student Strength

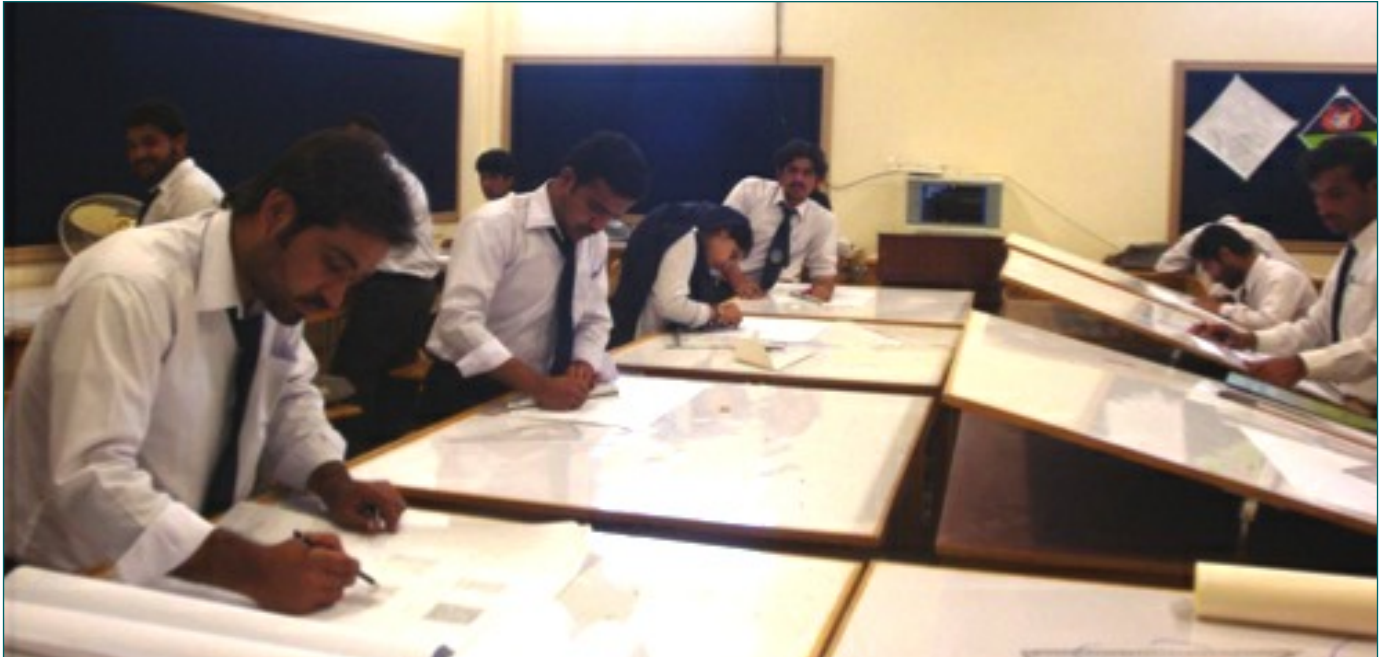
Areas of study	Male	Female	Total
Arts / Humanities	11	4	15
Social Sciences (Bachelor)	215	30	245
Social Sciences (M Phil / MS)	1	0	1
Business / Management Sciences (Bachelor)	311	127	438
Business / Management Sciences (Masters)	564	172	736
Business / Management Sciences (PhD)	1	0	1
Computer / IT	230	40	270
Computer / IT (M Phil / MS)	21	9	30
Basic and Natural Sciences etc	227	120	347
Basic and Natural Sciences etc (M Phil / MS)	68	106	174
Basic and Natural Sciences etc (PhD)	20	2	22
Engineering	2259	67	2326
Total	3928	677	4605

EXPLORATION CHAMBERS



EXPLORATION CHAMBERS

(Establishment of new laboratories)



Research Laboratories

Establishment of more than a dozen new laboratories in the Faculty of Engineering and in the faculty of life Sciences in the year 2010 is a significant accomplishment on the part of the university authorities. The existence of the state of the art laboratories on the campuses is conducive to inductive learning on the one hand and generation of knowledge on the other. The laboratories already existing were refurbished with the installment of new equipment. Faculty members and students were provided necessary facilities for the pursuit of knowledge and to enhance the capacity of the research activities. An amount of Rs. 89 million was spent during the year 2010 on the establishment of new laboratories.

The laboratories mentioned below were established at BUIITEMS during the year 2010.

Geological Engineering Laboratory



Thermodynamics & Heat Transfer Laboratory.



Textile Testing & Quality Control Laboratory.



Petro Physics Laboratory.



Material Testing Laboratory



Electricity & Electronics Laboratory.



Engineering Drawing Laboratory



Yarn Manufacturing Laboratory



Biotechnology Research Laboratory



RESEARCH GLIMPSES

- ❖ **Journal Publications**
- ❖ **Research Projects**
- ❖ **Presentations**
- ❖ **Conference Presentations**
- ❖ **Research Conducted by Students**

Academia at BUIITEMS published substantial research in journals of repute during 2010. They actively participated in conferences, seminars and symposia and made oral presentations on their latest work. They also supervised graduate and undergraduate students in carrying out their research projects. Quite a few faculty members won national / international research grants as well and some have submitted promising research proposals. This section covers academic progress based on these activities.

Journal Publications

J. Chem. Soc. Pak., Vol. 32, No. 2, (2010) pp 147-155

A Model for Making Field-Based Nitrogen Recommendations For Winter Wheat in Western Oregon

Dost M Baloch, Maqsood A Khan, Ehsanullah Kakar, M A K Malghani

Abstract

A model based on early spring soil and tissue analysis was developed and evaluated for predicting the need for additional nitrogen (N) fertilizer on winter wheat. To develop the model, On-farm trials were established over three years 1994-95 in grower's fields at three different locations across the Willamette Valley of western Oregon. Two field-scale validation trials were run in 1996-97. Rotations were soft white winter wheat following grass seed, sweet corn or a legume. Four treatments, including a check receiving no nitrogen, were used at each site. At the site where wheat followed corn, the predicted optimum N rate was 168 kg N ha⁻¹; however, the 112 kg N ha⁻¹ rate was the optimum rate predicted by the developed model. The 84 kg N ha⁻¹ and 140 kg N ha⁻¹ rates were selected to bracket the recommended rate (± 28 kg N ha⁻¹). Wheat following grass seed had high soil supplied N which depressed the yield even at moderate fertilizer N rates. The model overall accurately assess field-specific optimum fertilizer N status.

J. Chem. Soc. Pak., Vol. 32, No. 4, (2010) pp 436-442

Evaluation of Nitrogen Uptake Patterns in Spring and Winter Wheat in Western Oregon

Dost M Baloch, Maqsood A Khan, Ehsanullah Kakar, M A K Malghani

Abstract

An understanding of the ground nitrogen (N) uptake pattern for wheat (*Triticum aestivum* L.) is essential to facilitate nitrogen management. The purpose of this study was to determine the nitrogen uptake pattern of spring and winter wheat grown in western Oregon, USA. Data used in this study were obtained from three different trials. For spring wheat rotation trials five spring wheat cultivars were used. Fertilizer N (16-16-16-4) at the rate of 140 kg ha⁻¹ was applied at the time of planting. In small plot rotation trials five fertilizer treatments - 0, 50, 100, 150 and 200 kg N ha⁻¹ - were used. Rotations include winter wheat following clover and winter wheat following oat. The N uptake and dry matter yield of winter wheat were also determined from unfertilized plots of wheat trial. The maximum N uptake for spring wheat and winter wheat were at 1100 and 2000 accumulated growing degree days (GDD), before Feekes 10, respectively. The maximum N uptake rate for spring wheat, 0.038 kg N GDD⁻¹, occurred at 750 GDD and the peak N uptake was observed approximately 35 days after Feekes 2. Nitrogen uptake in winter wheat was significantly affected by rotations.

Chem. Commun (Camb). 2010 May 21;46(19):3348-50. Epub 2010 Mar 30.

Unexpected stereoselective exchange of straight-chain fatty acyl-CoA alpha-protons by human alpha-methylacyl-CoA racemase 1A (P504S)

Sattar FA, Darley DJ, Politano F, Woodman TJ, Threadgill MD, Lloyd MD.

Abstract

Alpha-methylacyl-CoA racemase (AMACR; P504S) catalysed exchange of straight-chain fatty acyl-CoA alpha-protons. One alpha-proton was removed in each catalytic cycle, with the pro-S proton preferred. This reaction was most efficient for straight-chain substrates with longer side-chains. 2-Methyldecanoyl-CoA underwent alpha-proton exchange 3x more efficiently (as judged by $K(\text{cat})/K(\text{m})$) than decanoyl-CoA.

Applied Mechanics and Materials (Volumes 44 - 47) Frontiers of Manufacturing and Design Science pp 2299-2306

Solid State Synthesis and Characterization of Spintronics Material Cd_{0.55}Hg_{0.45}Te

H.M.Noor ul Huda Khan Asghar, M. Asghar, M.S. Awan,

Abstract

Polycrystalline spintronic material (Cd_{0.55}Hg_{0.45}Te) was synthesized by conventional solid state reaction. The samples ($\phi = 5$ mm and $T = 1.5$ mm) were prepared by uni-axial pressing. Samples were melted at 800°C for 3-2 hours. For chemical analyses, surface morphology and structural analyses, scanning electron microscopy (SEM) equipped with EDX system and X-ray diffraction studies were performed. XRD confirmed the cubic crystal structure. The Lattice constant of (Cd_{0.55}Hg_{0.45}Te) as determined by XRD was 0.6464 nm. The Miller indices (hkl) have been found by using crystallography method. The observed planes were (200), (210) and (331). The EDX analyses showed the typically compositions: Te 24.8% Cd 14.8% Al 5% and O₂ 46.4 % & C 9% (3 hours treatment) and Te 28.1% Cd 16% Al 4.1% and O₂ 39.3 %, Si 0.360% & C 12.1% (2 hours treatment) however we could not find any representative peak for Hg in all of the EDX analyses.

BIOL (E-Journal of Life Sciences) 1(3) 2010, pp 44-51

Effect of Light and Temperature on Seed Germination of Three Species of Labiatae

Afroz R. Khan, Mohammad Saeed, Mohammad Raza, Rukhsana J. and Munir A. Ansari

Abstract

The effect of light and temperature was investigated in three species of Labiatae found wild and cultivated in Balochistan namely, *Lallemantia royleana* Benth. *Ocimum basilicum* L. and *Ziziphora tenuior* L. The experiments were performed at constant temperature under white light, darkness, and far-red light. To investigate the role of phytochrome in seed germination, the imbibed seeds were also irradiated with pulses of red and far-red light of various durations. The seeds of *L. royleana* germinated optimally at 20 °C and were capable of germinating within a range of 15 to 25 °C, though at suboptimal temperatures a slight suppression in germination was observed under far-red light. The white light resulted in promotion of seed germination of *O. basilicum* while the germination was suppressed under darkness and far-red light in cooler temperatures *i.e.* below 25°C. The optimum temperature for seed germination of *Z. tenuior* was observed to be 15 °C; the seed germination in the species was suppressed by far red light at warmer temperatures whereas white light promoted the germination. A single red light pulse was unable to promote the seed germination in all three species, however, intermittent pulses of red light promoted the seed germination in *L. royleana* and *Z. tenuior* this effect was reversed when red light was followed by far-red light. On the basis of this reversal effect the involvement of phytochrome in the seed germination of *L. royleana* and *Z. tenuior* is proposed.

Clin Genet, 2010: 78: pp 247–256. John Wiley & Sons A/S, 2010

Epidemiology Of Van Der Woude syndrome from mutational analyses in affected patients from Pakistan

Malik S, Kakar N, Hasnain S, Ahmad J, Wilcox ER, Naz S.

Abstract

Mutations in *IRF6* cause Van Der Woude syndrome (VWS), one of the most common syndromes associated with cleft lip (CL) with or without cleft palate (CP). The presence of pits on the lower lip of patients is the most characteristic feature of the syndrome. We have identified three novel and seven previously reported *IRF6* mutations in 12 of 16 unrelated families segregating VWS from Pakistan. The three newly identified mutations include a frame shift (c.568delG) and two missense mutations c.295G>A (p.G99S) and c.1219T>C (p.S407P). Recent functional studies on IRF6 and the three-dimensional structure of IRF5 carboxyl (C) terminus, a protein encoded by a Para log of *IRF6*, shed light on the p.S407P substitution. Additionally, the identification of the same mutations responsible for VWS in Pakistan, as reported in other global populations worldwide, marks these residues as mutational hotspots and indicates their essential role in structural stability or function of IRF6. This is the first study of VWS in Pakistan and we estimate that 1 in 100 patients with CL with or without CP (CL/P) are affected in the Pakistani population predominantly from the Punjab area.

Revista Veterinaria (Argentina) Vol. 1, 21: Supp., 864-866 (2010)

Effect of different egg yolk levels on post thaw quality of Kundhi buffalo bull semen

Fatih, A; M.U. Samorı; I.B. Marghazani; Nasrullah; M.A. Kakar; A.Nawaz;

Abstract

The study was conducted to evaluate the effect of different levels of egg yolk (20, 15 and 10%) in diluents on post-thaw quality of Kundhi buffalo bull semen. It was observed that all the ejaculates were creamy white in color. The mean volume, pH, mass activity, sperm concentration and motility % was 2.95 ± 0.07 ml, 6.63 ± 7.30 , 3.64 ± 0.05 , $1283.7 \pm 12.12 \times 10^6$ /ml and $80.05 \pm 3.79\%$, respectively for fresh semen. The effect of different levels of egg yolk in diluents indicated that 15% egg yolk resulted significantly highest ($P < 0.05$) mean post-thaw motility %, livability index and membrane integrity of the cells. However, a significant ($P < 0.05$) and progressive decrease in these parameters were observed under egg yolk level of 20% (39.83 ± 0.648 , 164.56 ± 4.912 , 23.56 ± 0.918 , respectively) and 10% (36.89 ± 0.621 , 136.41 ± 3.873 , 18.78 ± 0.725 , respectively). It was concluded that semen of Kundhi buffalo bulls tolerate freezing and thaw stress under 15% egg yolk in tries based diluents.

Research Projects

S.#	Principal Investigator	Title of the Project	Amount	Funding Agency	Project Status
1	Dr. Jamil Ahmad	Genetic and Molecular studies on breast cancer In Balochistan	US \$ 0.01 million	IARC, France	In Progress
2	Naseebullah Kakar	Strengthening and up gradation of Laboratory for the genetic studies on recessive diseases prevalent in Balochistan	Rs 0.975 million	HEC, Islamabad	In Progress
3	Mohammad Azam kakar	Detection, typing and isolation of indigenous field isolates of Foot and Mouth Disease Virus from Quetta and Pishin districts of Balochistan	Rs 1.9980 million	PSF, Islamabad	Submitted
4	Dr. Fozia A Sattar	Phytochemical Investigations on the Various Parts of <i>Morinda citrifolia</i> Linn	Rs 0.20 million	Ministry of Health Government of Pakistan	Submitted
5	Dr. Fozia A Sattar	Phytochemical Studies on Some Antileishmanial Plants of Balochistan	Rs 3.025 million	Higher Education Commission	Submitted
6	Dr. Abdul Wali	Prevalence of hepatitis B virus (HBV) Genotypes in Balochistan	Rs 0.515 million	Pakistan Medical Research council (PMRC)	Submitted

Presentations

Faculty	Title	Place and Date
Dr. Mohammad Azam Kakar	Reproductive biotechnologies and their future in Balochistan.	<i>BUIITEMS Quetta-18-6-2010</i>
	Dairy and milk processing and its future prospects in Balochistan, Pakistan.	Uni of Agri KPK Peshawar Oct 18-19, 2010
	Dairy animal feeding and food safety systems in Pakistan with special reference to World Trade Organization.	
	Dairy animal feeding and food safety systems in Pakistan with special reference to World Trade Organization.	
Dr. Jamil Ahmad	Importance of High resolution melting curve analysis in Molecular Diagnosis	UVAS, Lahore ,28-29 December, 2010
Ms. Nusrat Jahan Ms Imrana Niaz Sultan, Ms. Asma Yousafzai	Academic Planning and Management, Teaching Skills and Communication skills	Nov10-11,2010 BUIITEMS,Quetta. Orientation Session for the Teachers
Abdul Khaliq (MS Mathematics student)	The 3-dimensional Non-compact Rotation Group $SO(2, 1)$	Mathematics Seminar, Auditorium City Campus BUIITEMS July 23, 2010

Conference / Symposia Presentations

Presenter	Title	Conference
Faheem Uddin	Development in Polymer Finishing Using Nanoclays	Proceedings, BITs 1st Annual International Congress and Exposition of Oil Field Chemicals-2010, (Beijing), November 15 – 17, 2010.
Nadeem Raza	Nucleus and Subspaces from C^* - algebra and Metric Spaces	Winter Conference in Mathematics-2010, Lahore University of Management Sciences, January 11-12, 2010
Abdul Khaliq (MS Mathematics student)	Parameterization of the 3- dimensional non-compact rotation group	11 th International Pure Mathematics Conference, Pakistan Mathematical Society, Quid-e-Azam University Islamabad 6-8 August 2010
Ansaruddin Syed	UIR matrix elements of finite rotations of $SO(2, 1)$ decomposed according to the subgroup T_1	
Fayaz Ahmed, Fouzia A. Sattar, Shahab-ud- din, Samina A. Sattar, M.A. Kakar, Muhammad A. K. Malghani and Muhammad I. Choudhary	Antiviral Potential of Medicinal Plants of Balochistan: Studies Based on the Local Investigations pp 78	
Fouzia A. Sattar, Fayaz Ahmed, Khalija Awang, Samina A. Sattar, M.A. Kakar, Muhammad A. K. Malghani & Muhammad I.Choudhary	Phytochemical Studies on Catharanthus roseus through Supercritical Carbon dioxide Extraction pp 144	International conference of chemistry and its role in science (ICCRS-1) at JUW Karachi
M.A. Kakar, Rabia Tabasum, Fayaz Ahmed, Fouzia Sattar and Shahana Tabasum	Reproductive Biotechnologies and their possible impact in future in Pakistan pp 19	

Presenter	Title	Conference
Amjad Ali, M. Khalid Baloch, M. Arif Kakar, Masood ul Haq and M.A. Kakar	Economic aspects of drought on livestock farmers in Quetta Region	2 nd National Symposium on microbiology, Jamshoro, Sindh
Sheikh, S.I., M.S. Chaudary., M.A. Bajwa, S. Babar and M.A. Kakar	Surveillance and management related problems in broiler farms of Lahore, Pakistan	
Khalid M. Baloch, Roden, J. Hovel ¹ , M. Bilal, M. Abbass Shah and M.A. Kakar	Performance and production efficiency of native sheep breeds in Balochistan, Pakistan	
Abbas, M. Shah, M.A. Kakar, M. Khalid Baloch, Masood ul Haq and Fida Hussain	Animal feeding and food safety systems in Pakistan with special reference to World Trade Organization	
Arif, M. Kakar, Amjad Ali, M. Khalid Baloch, Masood ul Haq and M.A. Kakar	Performance of crossbred cows in the province of Balochistan, Pakistan	
Bilal M., Masood ul Haq, M. Khalid Baloch, Mir. A.Khan, S. Babar and M.A. Kakar	Performance profile of Holstein-Friesian kept in Balochistan, Pakistan	
Kakar, M.A., Masood ul Haq, Mir A. Khan, M. Khalid Baloch and M. Abbas Shah	Rural poultry production and potential in Balochistan, Pakistan	
Kakar, M.A., S. Babar, Masood ul Haq, M. Khalid Baloch, Mir A. Khan and Ehsanullah	Management of animal husbandry in Balochistan province of Pakistan	
Engr. Khanzada Fahimullah and Engr. Shair Hassan Barech	Game-Theory Based wireless Access Point selection Scheme	IEEP Silver Jubilee Multi topic International Symposium, Pearl Continental Hotel, Karachi Mar 17-18, 2010.

Research Conducted by Students

MS (Bio Technology)

S.#	Name	Title	Supervisor
1	Tahir Hassni	Analysis of Yield and Related Traits in Sunflower (<i>Helianthus annuus</i> L.) Hybrids	Dr. Dost M. Baloch
2	Muhammad Hassan	Assessment of Tick Infestation their types and affects in Cows of Upper Balochistan	
3	Khursheed Ahmed	A Study of Heterosis and gene combining ability in Sunflower	
4	Ms. Amina Soomro	Effect of some Homeopathic medicines on Ovarian Cyst in population of Balochistan	
5	Ms. Shazia Saeed	Application of Ethno botanical Knowledge for the Conservation of Plants Particularly Medicinal, in Quetta	
6	Madeeha Sagheer	Software Development of Detection of Flavonoid (Catechin) Antioxidant Genes and BAC78656 Transposon in Tea Verities	Dr. Muhammad Saeed
7	Rabia Tabasum	Software Development for Identification and the Analysis of the over Expression Genes Lead to Abnormal Phynotype in Rice (<i>Oryza Sativa Japonica</i>).	
8	Ms. Maria Ahmed	To determine the Antibacterial Effects oils of Roemary, English Lander, sage and peppermint plant on human skin microflora.	
9	Mr. Mehrullah	The study of Antimicrobial Activity of some medical plants	
10	Saba Javaid	Relationship of dietary and Circulatory calcium with bone mineral density in female population of Quetta.	Dr. Arsla Mansoor
11	Ghulam Muhammad	Assesment of Macromineral Contents in Cow Milk of Quetta Dairy Farms	

S.#	Name	Title	Supervisor
12	Zubaida Umer	Hemoglobin Levels in Full term Pregnancy at Different Altitude.	Dr. Arsla Mansoor
13	Qudsia Jameel	Study of Some Insulin Resistance Related Aspects of Metabolic Syndrome in Diabetic Patients of Quetta Region.	Dr. A.M.Cheema
14	Ms. Zinnia Rehmat	Exclusion Mapping in Non Syndromic Recessive Mental Retardation in Families from Balochistan	Mr. Naseebullah
15	Abdul Rehman	Use of Skim Milk Instead of Sucrose in PPR Vaccine Preparation and Comparison of Virus Titer	Mr. Agha Muhammad
16	Duree Seemi	Detection of Hapatitis B Virus With PCR and disease status of HBV in Infected Female Patients	Dr. Jamil Ahmed

BS (International Relations)

S.#	Name	Topic	Supervisor / Co-Supervisor
1	Sameen Khan	Pak-Afghan Relations after 9/11	Aurangzaib Alamgir / Abdul Wadood
2	S. Waheedullah		
3	Muhammad Aamir		
4	Faisal Khan		
5	Muhammad Naeem		
6	Tariq Aziz		
7	Khalid Hussain	Arms Race in South Asia	

MBA

Name	Title	Supervisor
Kaleem ullah Noroze Khan Ashfaq Khan Aamir Hanif Nawaz Ibrahim	Small & Medium Investment Opportunities in Makran Division	Prof. Barkat Ali
Hina Sabir Muhammad Faisal Nadeem Shaeen Mushtaq Sidra Arshad	The impact of downsizing on financial performance of Ford Corporation	Mr. Aymen Sajjad
Syed Sabir Hussain Bushra Sultan Ali Nawaz Saleem Akhtar	Performance evolution of Mutual Funds in Pakistan from 2000 to 2007	Mr. Noor Muhammad
Muhammad Awais Butt Zahra Khanum Mamoona Shaeen Samiullah Dehwar	Impact of mutual fund on income of an organization: Habib Bank Limited	Mr. Hadi Hassan Khan
Abeer Zafar Naseebullah Beenish Aftab Azhar Hussain Feroz Khan	Margin Financing scope in Pakistan	
Zarina Sarwar Zahra Ali Imran Khan Amtul Batool	Relationship between Empathetic Behavior and Employee motivation	Mr. Muhammad Shah
Izhar ul Haq Fatima Kolan Syed Shah Muhammad Shafi Tareen	Relationship between Sexual Harassment & workplace Productivity. A Case study of Public Sector Universities of Balochistan	

Name	Title	Supervisor
Umaid Ali Imran Khan	Female Participation in Labour Force of Pakistan	Mr. Arbab Nasebullah Kasi
Zaheer Abbas Shafqat Bibi	Influence of Crucial Factor on the Re-socialization in Bank and the Survivors' Perception	
Fouzan Ahmed Samiullah Khawaja Ali Munir Ajab Khan	Identification of the Needs' Preferences of the Consumer with comparison to different competitive Masala Brands	
Naiz Muhammad Kakar Arbab Samiullah Shakir ur Rehman Inayatullah Agha	Predicting Administrative Job Satisfaction at BUITEMS	Mr. Bilal Sarwar
Munaza Mirza Farooq Ahmed Mohammad Shakeel Najam-ur-Rehman	Impact of Advertising on the Post Purchase Behavior of Customers	

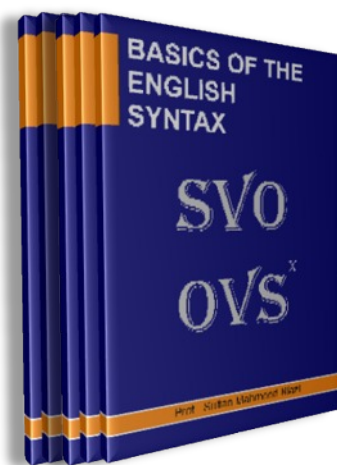
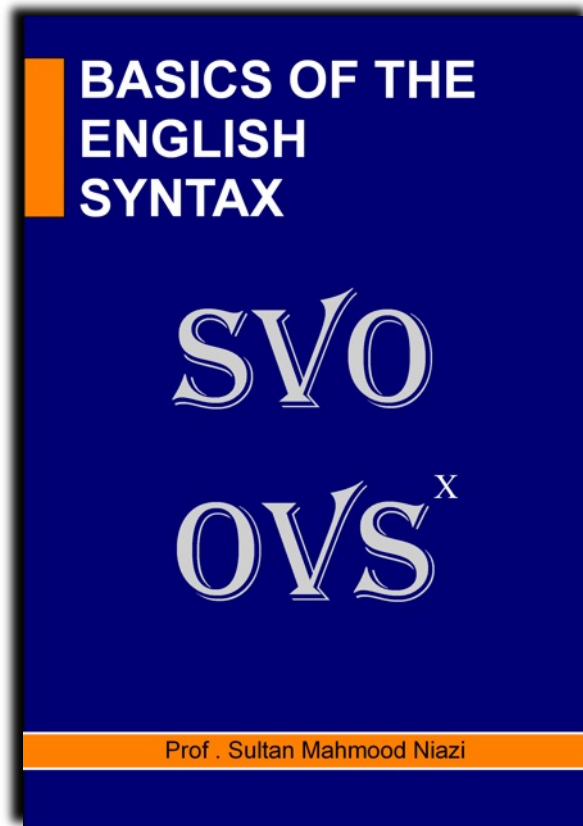
MS (Environmental Management & Policy)

Name	Title	Supervisor
Shabir Ahmed	Potential of Artificial Recharge of Groundwater at Balozai Dam	Dr. Maqsood Ahmed
Muhammad Basir	Impact of Lined Water Storage Tanks on Groundwater in District Mastung	

MS (Management & Economics)

Name	Title	Supervisor
Nadeem-uz-Zaman	Prospects of Islamic Banking in Quetta	Dr. Maqsood Ahmed
Muhammad Ali Kakar	Energy use, Economic Growth & Enviromental Degradation in Pakistan	

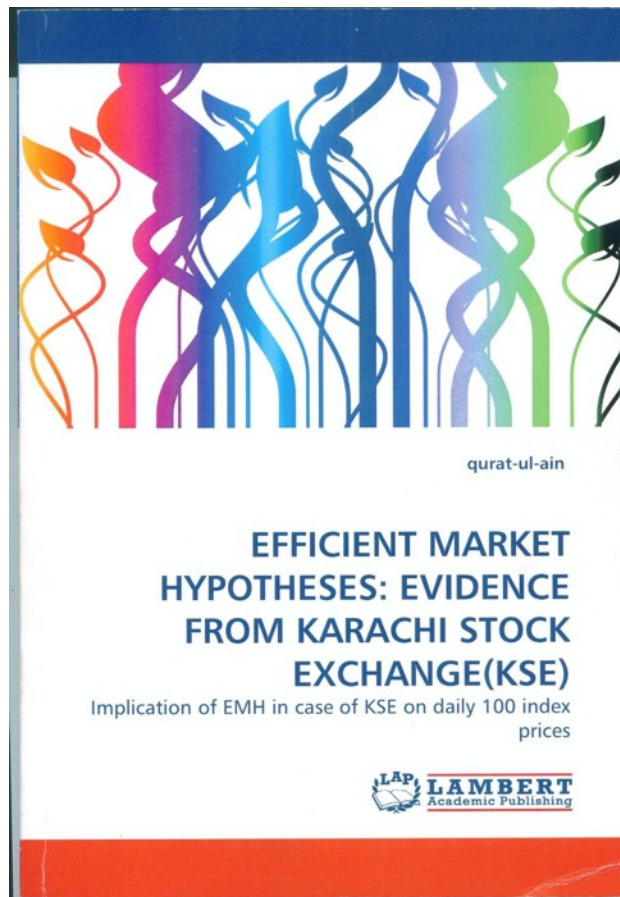
BOOKS PUBLISHED BY BUIITEMS SCHOLARS IN 2010



Public examination results all over the country indicate that poor English is one of the major stumbling blocks for our students. The failure ratio in English at all levels from middle to graduation is alarming, so much so that a large number of our students are compelled to discontinue their studies simply because they are unable to read English texts and are unable to express themselves in verbal or written English.

Prof. Sultan Mahmood Niazi developed the book titled “*Basics of the English Syntax*” especially to provide guidelines in learning English language. Based on the premise that the entire English language revolves around three basic units i.e. the Subject (S), the Verb (V) and the Object (O), the book makes the students understand that all English statements follow the pattern ‘SVO’ and they have merely to identify the subject (the doer of an action), the verb (the action) and the object (the receiver of the action) for effective communication of ideas through English sentences. They would, thus, feel confident and competent and would take up the task of learning English with greater confidence.

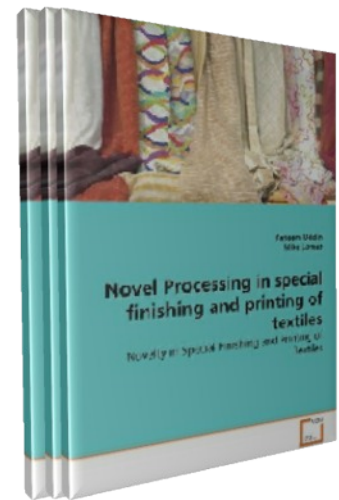
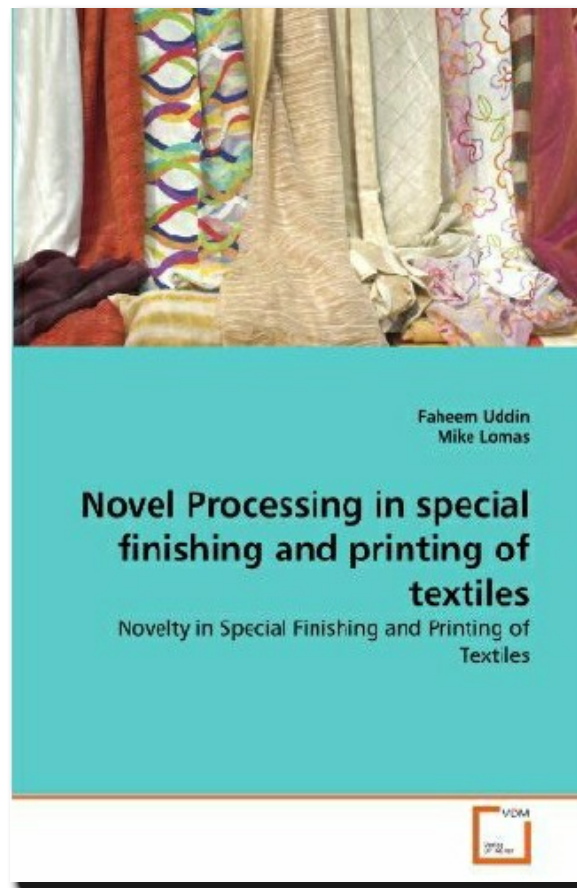
The book provides adequate guidance and practice in sentence structure, correct usage, word study and other allied areas in order to prepare the students for effective communication in written and oral forms. The examples presented in the book conform to the present day context and trends. Practice exercises have been included for the sake of enabling the students master the fundamental English syntax based on the new developments in the study of new structures and their usage.



M/S. Lambert Academic Publishing Co. (LAP), Germany published the prize-winning research thesis of Ms. Quratul-Ain, in the form of a monogram in 2010. Majority of research encompassing the Efficient Market hypothesis were based on major stock markets of US or Europe. Adequate research had not been conducted before in respect of stock markets of developing and less developed countries. Some studies were conducted on Karachi Stock Exchange, but they were focused only on one form of efficient markets hypothesis.

Ms. Quratul-Ain's study sought evidence of weak form of efficiency and semi-strong form of efficiency in KSE during the recent years. The sample included the daily price fluctuation of KSE 100 index during the period from December 31, 2008 to March 4, 2010. the best model observed was the ARIMA model, which fulfilled the criteria of selection for all the required tests.

The results provided evidence that series of market prices didn't follow the random walk model and the significant auto-correlation co-efficient at different lags rejected the null hypothesis of weak-form efficiency. The results of semi-strong form of efficiency gave mixed indications. The means found for January effect and religious holidays' effects were different, while no difference in means for week day effect and week-end effect was noticed. The data analysis and discussion presented in the study are important to security analysis, investors and security exchange regulatory bodies in their policy making decisions for the improvement of the stock market conditions.



Dr. Faheemuddin holds a PhD in Textile Engineering from University of Manchester UK. With 17 years of academic and industrial experience, he is acknowledged as a specialist in textile industry. He is a Fellow of the Textile Institute and Professor at BUIITEMS, Quetta. He added the book '*Novel Processing in Special Finishing and Printing of Textiles*' to his large stock of technical and scholarly publications. M/S VDM Verlag Dr. Muller of Germany published the book based on research study of Dr. Faheemuddin.

The application of selected reactive dyes and pigments in association with a crease recovery (CR) finish (of the dimethyloldihydroxyethylene urea type) and (hydroxymethy) phoshonium chloride were investigated. These finishes were applied to the reactive dye and pigment printing, with the aim of producing a process sequence able to give a quick response and enhanced finish and print performance. CR finishing prior to reactive dye printing results in a marked reduction in shade depth, whilst reactive dye printing over the FR finish improves the color strength. FR finishing prior to pigment printing enhances the limited oxygen index (LOT) values relative to the conventional route. The CR finishing prior to pigment printing would appear to give enhanced cross- linking of finish and improved crease recovery. However, the loss of pigment print definition was observed. Subsequently, an alternative catalyst system is recommended.

Establishment of Directorate of Research at BUIITEMS

Promotion of research is one of the core strategies/ aims of BUIITEMS. The research programs launched by BUITMS are strengthening research activities and process of knowledge creation at all levels of the study programs. With significant increase in the number of post graduate students involved in research at BUIITEMS, it is imperative to enhance the capacity of all research areas related to the program of study offered at BUIITEMS. A Directorate of Research has been established to enhance the capacity of research, in general at BS level and particularly at MS and PhD levels. The main task of this directorate is to identify research grant opportunities for the faculty members and to facilitate faculty members in applying for research grants. Simultaneously the objective of the Directorate is to help the faculty by providing legal, administrative and financial management support of research grants and to guide them for the commercialization, patenting and licensing of university research products.

The Directorate of Research is determined to expand and enhance the university research programs and to link research activities to social and economic priorities of the university. On parallel basis this directorate is also responsible for ensuring a quality of research that reflects the highest international standards.

To achieve these objectives, the directorate of research BUIITEMS has taken an initiative by providing research grants to university teachers/researchers to start pilot research projects funded from the own resources / budget allocations of the university.

The Directorate of Research has also taken the initiative of helping the faculty members identify research areas of high priorities and to submit research grant proposals to different funding agencies and on parallel basis. The Directorate of Research has started developing working relationships and coordination between different departments of BUIITEMS, so that they start joint venture research projects.



DIRECTORATE OF INFORMATION TECHNOLOGY

Year 2010 was another year of great achievements for The Directorate of Information Technology (IT) which is responsible for managing the IT infrastructure across the university campuses. Some of the achievements of this directorate are highlighted below:

New Website (www.buitms.edu.pk) Launched.

The Directorate of IT developed a new website for BUITEMS. The formal launching ceremony was held on May 05, 2010 where the worthy Vice Chancellor BUITEMS, Engr. Ahmed Farooq Bazai inaugurated the new website (www.buitms.edu.pk). The ceremony was attended by Pro Vice Chancellor BUITEMS, Prof. Dr. M. A. K. Malghani, Deans, Directors and other senior officials of the university. It is absolutely essential for every organization to have an updated website because its presence ensures the availability of information about the institution to all people in all time zones.

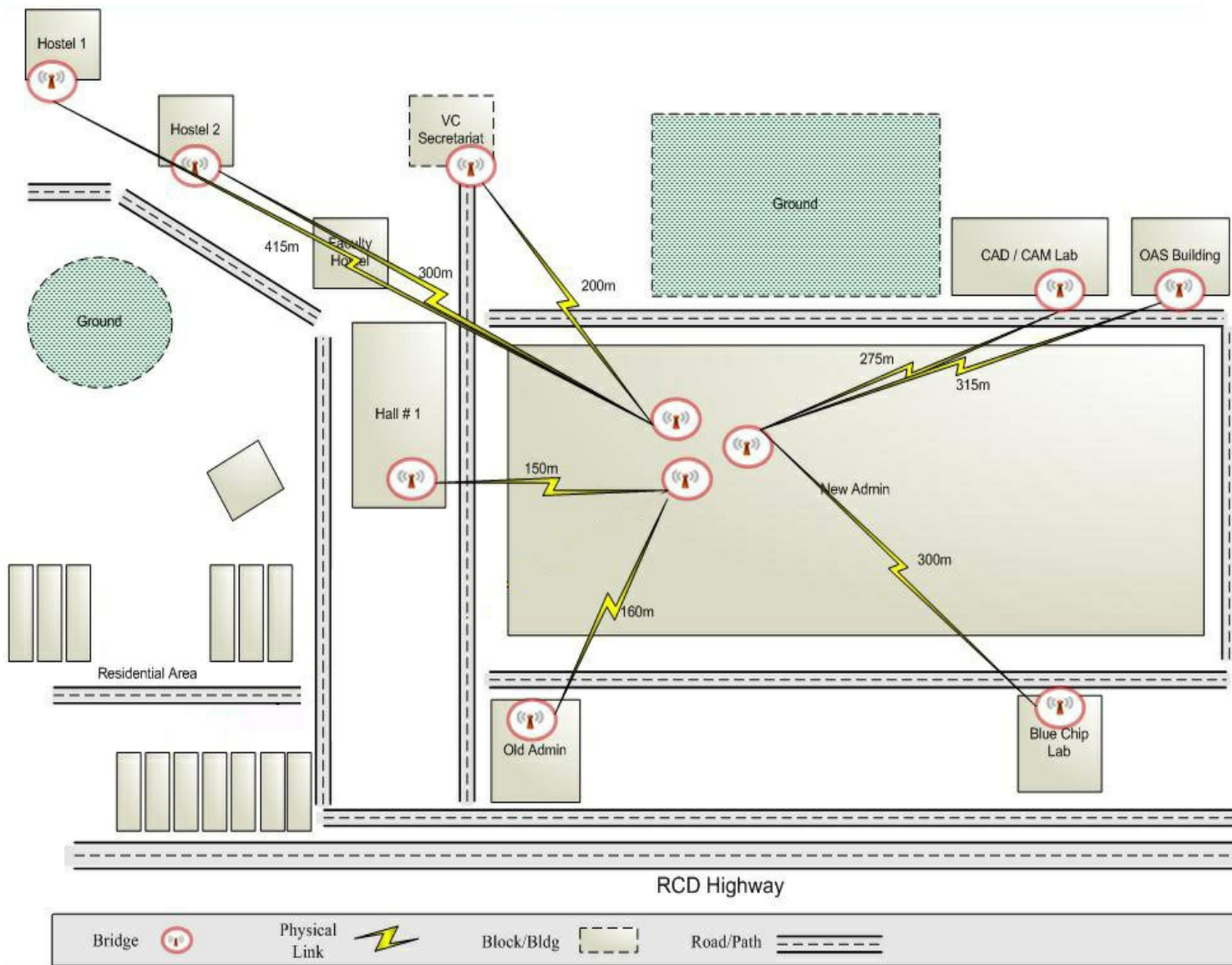


Launching of "Online Admission

The Directorate of IT launched BUITEMS Online Admissions System at a ceremony held on August 03, 2010. Through this system, the students can apply for admissions in BUITEMS from anywhere in the world. Students can view details like eligibility criteria for admission, procedure to apply, and payment options online. This system is more convenient and has enhanced the efficiency of the Admission Office.

Cisco Aironet 1310 wireless bridges Installed.

The Directorate of IT installed state-of-the-art Cisco Aironet 1310 wireless bridges at various locations in Takatu campus, BUIITEMS. These bridges provide wireless connectivity to different departments across the campus.



Internet Bandwidth Increased.

Another milestone achieved during the Year 2010 was BUIITEMS' switching from PERN-I to PERN-II. With PERN-II, BUIITEMS now have an Internet bandwidth of up to 75 Mbps. This increase in bandwidth would enhance the efficiency of our IT network.

Directorate of University Advancement & Financial Assistance

The newly established Directorate of University Advancement & Financial Assistance (UA&FA) has achieved many milestones in its short life of just over a year. The Directorate's mission is to foster mutually beneficial relationships with alumni, trusts/foundations, corporate sector, international partners, officials, the media, and the general public. We strive to provide financial assistance to students as a way to increase access to higher education. At present 1194 students of BUITEMS are availing Merit Scholarships, Need Based Scholarships, Sibling / Kinship Allowance, USAID Need Based Scholarships, Japanese Need Based Scholarships, Khushhali Bank Scholarships, Balochistan Fata Scholarships, NICT R&D Scholarships, Pakistan Bait-uk-Maal Scholarships, Punjab Educational Endowment Scholarships, USAID IDP Scholarships and Mora Scholarships .

Work-Study Program

BUITEMS is the first public sector university in Pakistan to introduce the Work-Study Program. It is a financial aid mechanism that allows students to work while pursuing education at the university. The mission of BUITEMS Work-Study Program is to support the education of university students through the provision of:

- ❖ An educational employment experience
- ❖ An opportunity for students to fund their education
- ❖ A sense of empowerment and high self-esteem in students

This program helps students meet their expenses during the academic year. In addition, students are being provided the opportunity to work in an environment best suited to their skills, preference, and career goals. Some of the positions in which students work under this program are:

- ❖ Office Assistant
- ❖ Teacher Assistant
- ❖ Computer Assistant
- ❖ Research Assistant
- ❖ Publication Assistant
- ❖ Community Service Provider
- ❖ Library Assistant
- ❖ Lab Assistant etc.

Students get up to 100% fee waiver based on the number of hours, they work during the semester. In addition, students get an experience certificate at the end of their academic degree studies indicating the duration and nature of work performed.

In the year 2010, around **210 students** were inducted under Work-Study Program and attached in different departments of the university.

BUITEMS Work and Study program has been further expanded through a Memorandum of Agreement (MoA) with Society for Empowering Human Resource (SEHER), a local NGO.

Donor/Alumni Relations

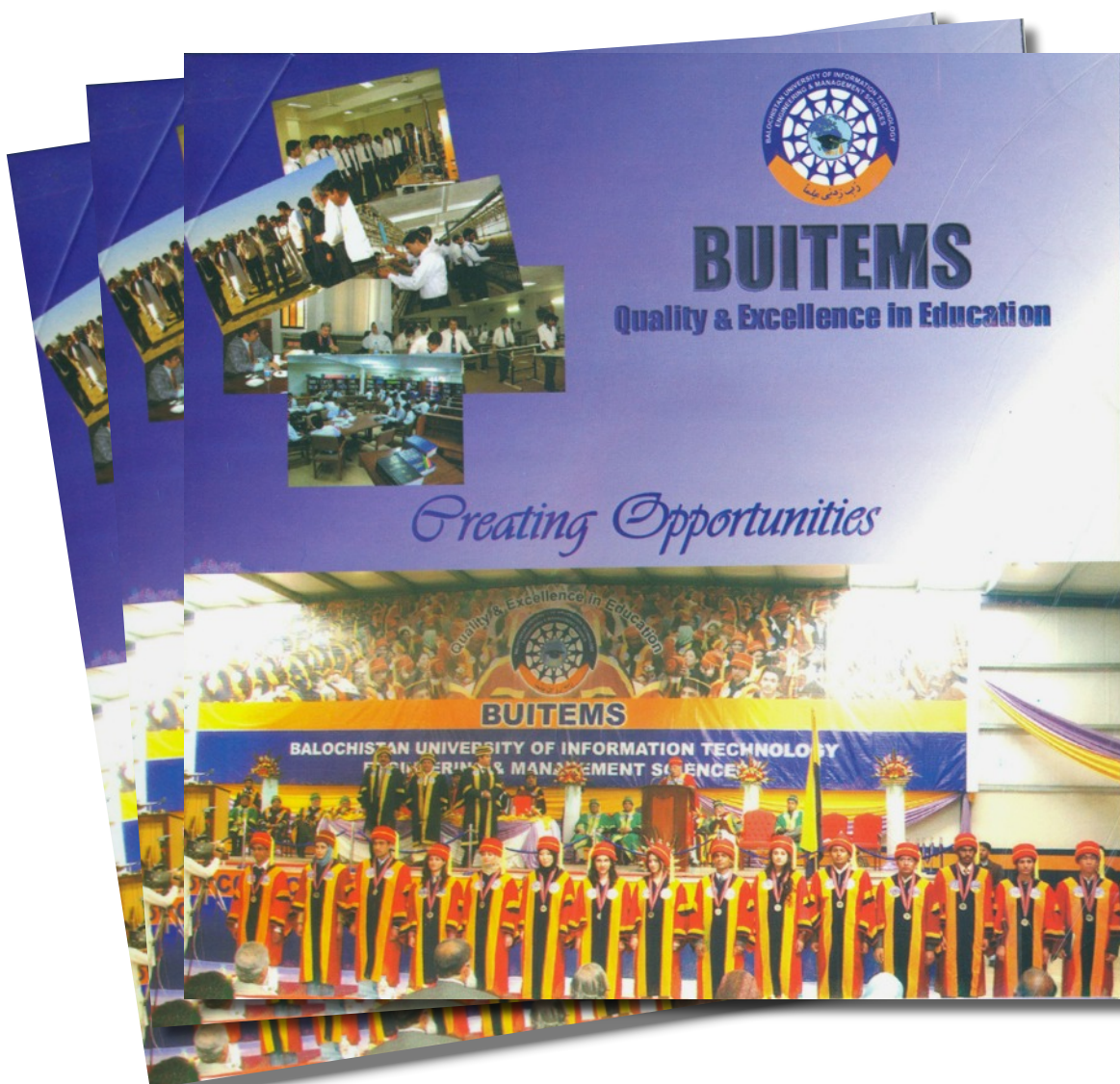
One of the responsibilities of the Directorate of UA&FA is to present to the public and to all stakeholders a clear, consistent and focused message about the university's mission, goals, priorities and performance that increase public understanding and support for improving the quality and effectiveness of academic programs, research, and services.

To achieve this goal, the Directorate of UA&FA has developed a comprehensive database of donors and BUIITEMS Alumni. We believe that our alumni are our best resource and we maintain a life-long relationship with them. The directorate is in a very close touch with all the alumni of BUIITEMS and we keep them informed about all the activities that take place in the university. BUIITEMS Newsletters and Annual Reports are shared through e-mail with alumni and donors, regularly.

The Directorate of UA&FA is planning a mega Alumni Homecoming Event in which around 600 alumni are expected to participate.

BUIITEMS Promotional Video

An international quality introductory documentary of BUIITEMS has also been prepared. The video depicts the university set-up, academic offerings, physical facilities, academic processes, administrative functions and achievements. The documentary is supplemented by commentary.



Human Resource Development (HRD)

BUIITEMS has a comprehensive program for development of its human resources in domains including Engineering, Management Sciences, Information & Communication Technology, Life Sciences & Informatics, Arts and Basic Sciences and administrative staff.

Directorate of Human Resource Development (HRD) takes care of all issues pertaining to maintenance of records of academic progress for these scholars.

Presently fifty three (53) faculty members have been awarded scholarships for MS, MS leading to PhD and PhD studies in reputed national and International universities. 37 faculty members are sponsored by Faculty Development Program of BUIITEMS while others have been either awarded Fulbright scholarship or sponsorship by HEC or Fulbright Foundation. Twenty two scholars are pursuing higher studies inland or abroad on Self Finance basis.



Summary of Scholars studying at various National and International Universities

S.#	Various Categories of Scholars	MS/M Phil/ Master	MS leading to PhD	PhD	Post Doc	others	Total
1	FDP	7	22	08	00		37
2	Fulbright	00	04	03	00		07
3	HEC	01	04	02	02		09
4	Self Finance Foreign	04	01	01	00		06
5	Self Finance Indigenous	13		01	00	02	16
	Total	25	31	15	02	02	75

- ❖ TRAININGS
- ❖ INTERNSHIPS
- ❖ STUDENT STUDY TOURS



Professional Competency Enhancement Program for Teachers (PCEPT)

3rd Professional Competency Enhancement Program for Teachers (PCEPT) was held at Sardar Bahadur Khan, Women University, Quetta from 14th July to 13th August, 2010, It was held under the aegis of Higher Education Commission, Islamabad as phase II of the professional capacity



building ventures of the National Academy for Higher Education (NAHE). Two faculty members namely Ms. Asma Yousafzai (Lecturer Faculty of Biotechnology & Informatics) and Ms. Noreen Kasi (Lecturer Economics, Faculty of Management Sciences) were nominated from BUIITEMS to participate in the training program. The basic object of the training was personal and professional grooming of university teachers. All modules were taught and practiced by renowned resource persons. Besides such eminent scholars, guest speakers like Ms.

Farhat (Corporate Trainer) and Dr. Riaz Qureshi (Advisor, HEC) also shared their knowledge and expertise for the benefit of the participants.

Orientation Sessions held for New Faculty

The two-day Orientation sessions for newly appointed teaching faculty members were held on November 10-11, 2010 at BUIITEMS City and Takatu Campuses under the Directorate of Human Resource Development.

The purpose of this orientation was to welcome the new inductees on board, and make them familiar with BUIITEMS vision & mission, rules & regulations, and specifically to train them in teaching skills & techniques with the help of HEC trained faculty members. 35 participants from various departments attended the orientation.

The Vice Chancellor Engr. Ahmed Farooq Bazai, welcomed the newly appointed faculty members and

advised them not to take teaching merely as a profession for earning bread and butter, but rather to bring about a positive change through research and development. Ms. Nusrat Jahan, Asstt. Prof. FLS&I delivered a lecture on Academic Planning & Management. A lecture on Assessment Techniques was delivered by Mr. Muhammad Akram, Lecturer FICT. The two day orientation sessions ended with a closing note by the Pro Vice Chancellor Dr. M.A.K. Malghani, followed by showing a short documentary video and address by the Vice Chancellor Engr. Ahmed Farooq Bazai.



IELTS TRAINING PROGRAM CONDUCTED.

An intensive training program to build/ enhance capacity of two Australian Development Scholarships Foundation Awardees in English Language/ IELTS was conducted by the Directorate of Communications, BUIITEMS in 2010. A total of 180 (one hour) sessions were held in order to enhance the proficiency of the nominated trainees. Grammar accuracy, being the basic need for effective communication, was given special attention. Mother-tongue interference was minimized during the sessions and difficulties in discourse organization were systematically weeded out. The students were helped in identifying



basic errors in incorrect sentences and they were guided to improve grammatical/lexical applications. The training program facilitated the development of individual reading habits of the trainees. Writing techniques, such as collection of material, development of thematic charts, mind-mapping and elucidation of the points were adequately dealt with. Description of graphs, diagrams and illustrations was a major field calling for extensive practice. In listening module, tips and techniques of understanding oral messages were provided. Practice drills were frequently conducted in order to ensure meaningful comprehension of important points contained in oral messages/presentations. The components of effective oral communication work were explained and covered comprehensively. These included pronunciation, vocabulary, unity, connectives, syntax, stress and intonation.

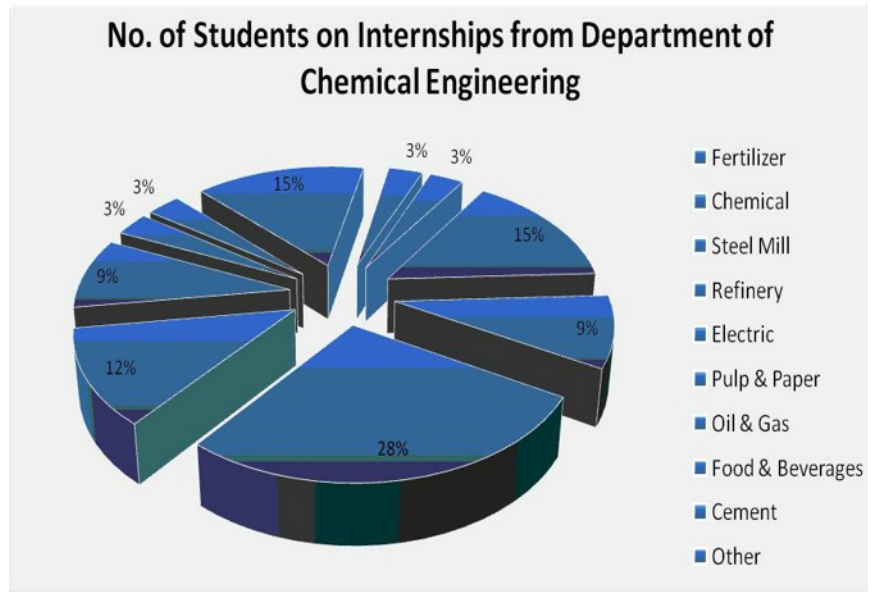
The progress of the trainees was frequently assessed through periodic tests. The final test given to them indicated that they were capable of securing bands of 7+ in all the four basic skills of listening, speaking, reading, and writing.



INTERNSHIPS 2010

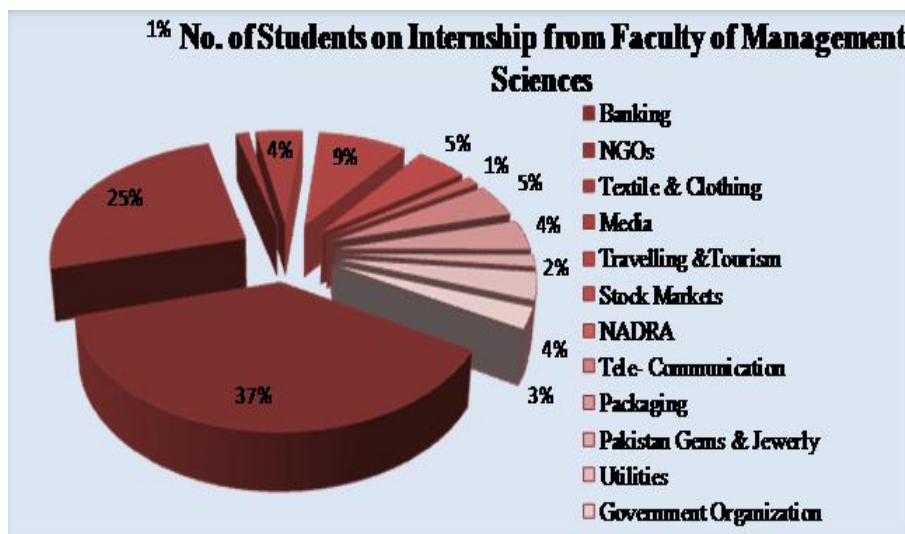
Internships are vital for the students' learning experience. As an important component of their degree programs it gives them an opportunity to get a taste of what professional working is. It also provides them the environment to develop their professional character and qualities that can only be learnt through hands on experience. BUIITEMS has support from different business and industrial sectors of the country. BUIITEMS has engaged her students with industries as diverse as the tourist industry with The Marriot Hotel, Pearl Continental Hotel and the Gas fields of Balochistan. It is these opportunities for professional exposure and the continued support from the commercial world that give our students the upper edge required for a successful career in Pakistan and abroad.

In 2010 the Department of Chemical Engineering sent around 33 students to various industries all related to what they were taught in BUIITEMS. Majority went for the fertilizer industry, cement, chemical and paper industry. The industries are the major contributors to the national economy so it was an excellent opportunity for our students to be exposed to the enterprising giants. Some students completed their internships from Utility industries like water, oil and gas. The Department of Petroleum & Gas Engineering during 2010 also



sent 33 students to the Pakistan Petroleum Limited and Mari Gas Company Limited. Most our students worked as internees in Sui Gas Field belonging to the PPL and Dharki Gas Field belonging to the MGCL, while others worked at the respective head offices. In all the students received valuable learning experience from their own province.

The Department of Management Sciences during 2010 successfully coordinated around 240 graduate students' internships. Majority of our students are specializing in finance, so most of the internships were conducted in the banking sector and in the stock markets too. Next was the NGO



sector, this is an important area especially for the development of Balochistan as it depends heavily on their efforts from these organizations. The talents of the students were as diverse as our economy as many interned in the rising mobile and telecommunication sector. What role media plays in the development of our society and how it can be used for the betterment was a common question for media internees.

Industrial Visits and Training for Students

Practicals at Mehran University of Engineering and Technology, Jamshoro Sindh.

Department of Textile Engineering BUIITEMS Quetta arranged a study tour, under the supervision of Engr Zamir Abro, Engr Ahmer Hussain Shah and Engr Muhammad Ali Zeeshan, to Department of Textile Engineering, Mehran University of Engineering and Technology Jamshoro Sind in Dec-2010.

A total of 47 students of final year BS Textile Engineering performed different practical's in yarn manufacturing laboratory, Textile Testing and Quality control laboratory, Fabric manufacturing laboratory, Textile chemistry and Wet processing laboratory at MUET Jamshoro. The students of Final Year BS Textile Engineering were awarded certificates on their brilliant performance at MUET Jamshoro. The students went for one day industrial visit to Sapphire Textile Mills limited unit no.1 S.I.T.E., Kotri, where the technical director appreciated the launching of Department of Textile Engineering at BUIITEMS Quetta and offered internships and jobs for undergraduate Students of BS Textile Engineering BUIITEMS.

Study Tour of final year (06 Fall Batch) students to Lahore

Department of Chemical Engineering organized an annual study tour for final year students (06 –Fall Batch), during the last week of July 2010, to Lahore. The tour was focused on the field experience by visiting various Process Sectors. The study tour provided a practical insight into the constraints and opportunities in the field of Chemical Engineering. Students were accompanied by Engr. Kamran Sami (Tour Coordinator / Lecturer, Department of Chemical Engineering) and Engr. Haseeb Sultan (Lecturer Department of Chemical Engineering).

During the tour, students visited Pakistan's oldest institute of Chemical Engineering at University of



Punjab, Lahore. The students also visited various process industries especially Dawood Hercules Chemical Limited Pakistan, AkzoNobel Group's ICI Limited Pakistan and Packages Limited Pakistan. The students gained practical experience during their visits to various areas of Fertilizer and Petrochemical Plants.

This industrial visit provided an insight on companies' infrastructure, work practices, plant practices, technical and process information to the undergraduate students of Chemical Engineering Department which cannot be pictured in lectures.

Habib Ullah Coal Mine



Pakistan Mineral Development Corporation





Namal Gorge Tour (Mianwali)



Khewra Salt Mine





Khewra Gorge



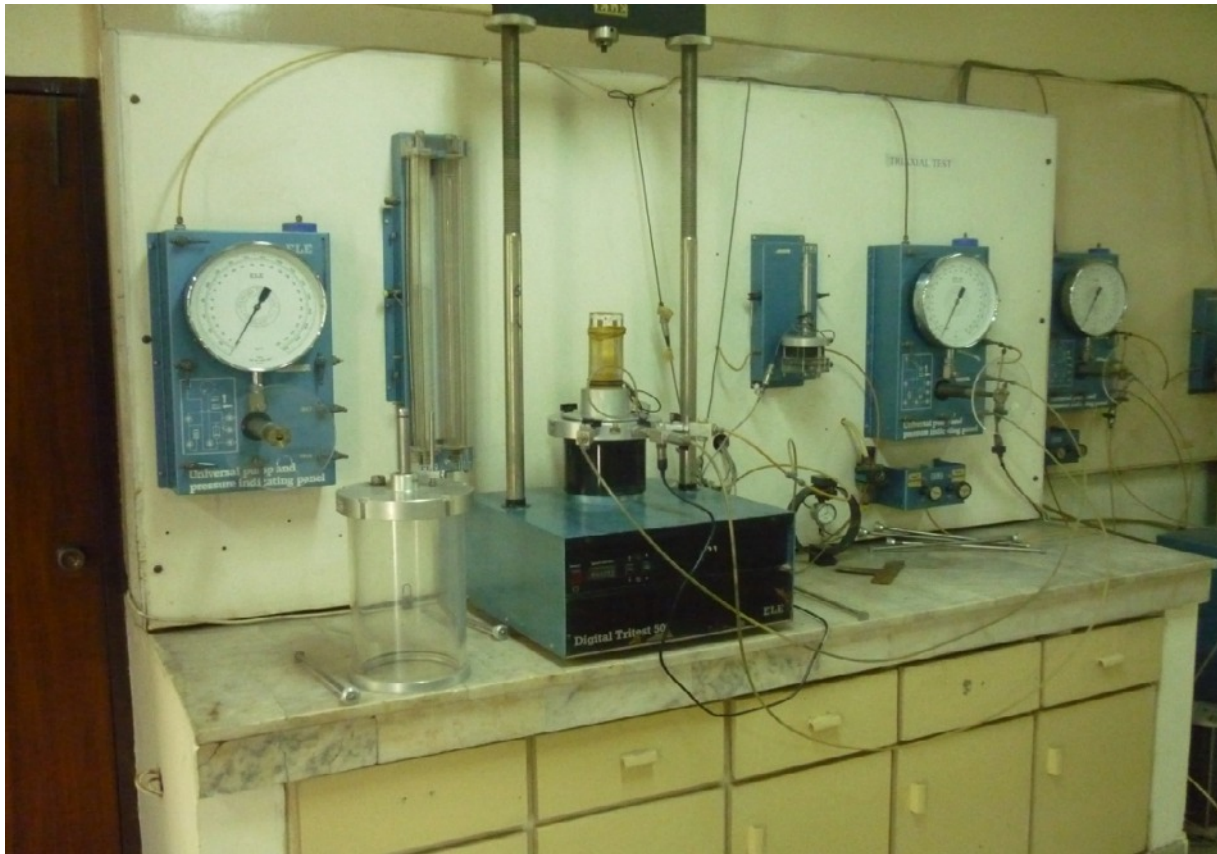
Central Material Testing Lab WAPDA Lahore Visit

Civil Engineering Works constitute the core of a country's economic development. Successful operation and maintenance of these works require geotechnical investigation, field testing and laboratory testing of construction materials under simulated field conditions. Such investigations and testing facilities are essential for ensuring public safety and for finding economic solutions to complex problems.

Establishment of CMTL as a permanent institution to provide for geotechnical investigations and for testing of material such as rock, soil, cement, concrete, asphalt, and water became imperative in response to the demands of Pakistan's existing and planned development works .



Soil Section of CMTL WAPDA Lahore



Visit to Punjab University , Lahore



STUDY TRIP TO GEOLOGICAL SURVEY OF PAKISTAN

Purpose of the Field Trip

The students of the Mining Engineering Department, BUIEMS proceeded on a 4 hour field visit to Geological survey of Pakistan, Quetta. The main purpose of field visit was to study the Rock mass, Rock identification, different instruments of geophysics, different minerals, astrology study and paleontology.

The Geological survey of Pakistan has established a Museum of Earth Sciences at its headquarter office Quetta in order to create awareness about mineral research and general knowledge about the country's rich mineral wealth.

The Department arranged a visit on June 1, 2010 to Geological Survey of Pakistan, which has different labs containing numerous minerals and rocks and also geophysical instruments.



Study Visit to Geophysical Lab.



Visit to Punjab University, Lahore.

Students of Geological and Mining Engineering Department visited the Geology Lab Institute of Geology, University of the Punjab. They visited different sections of Geology lab, where they were briefed by Dr. Shahid Jamil Sameeni.

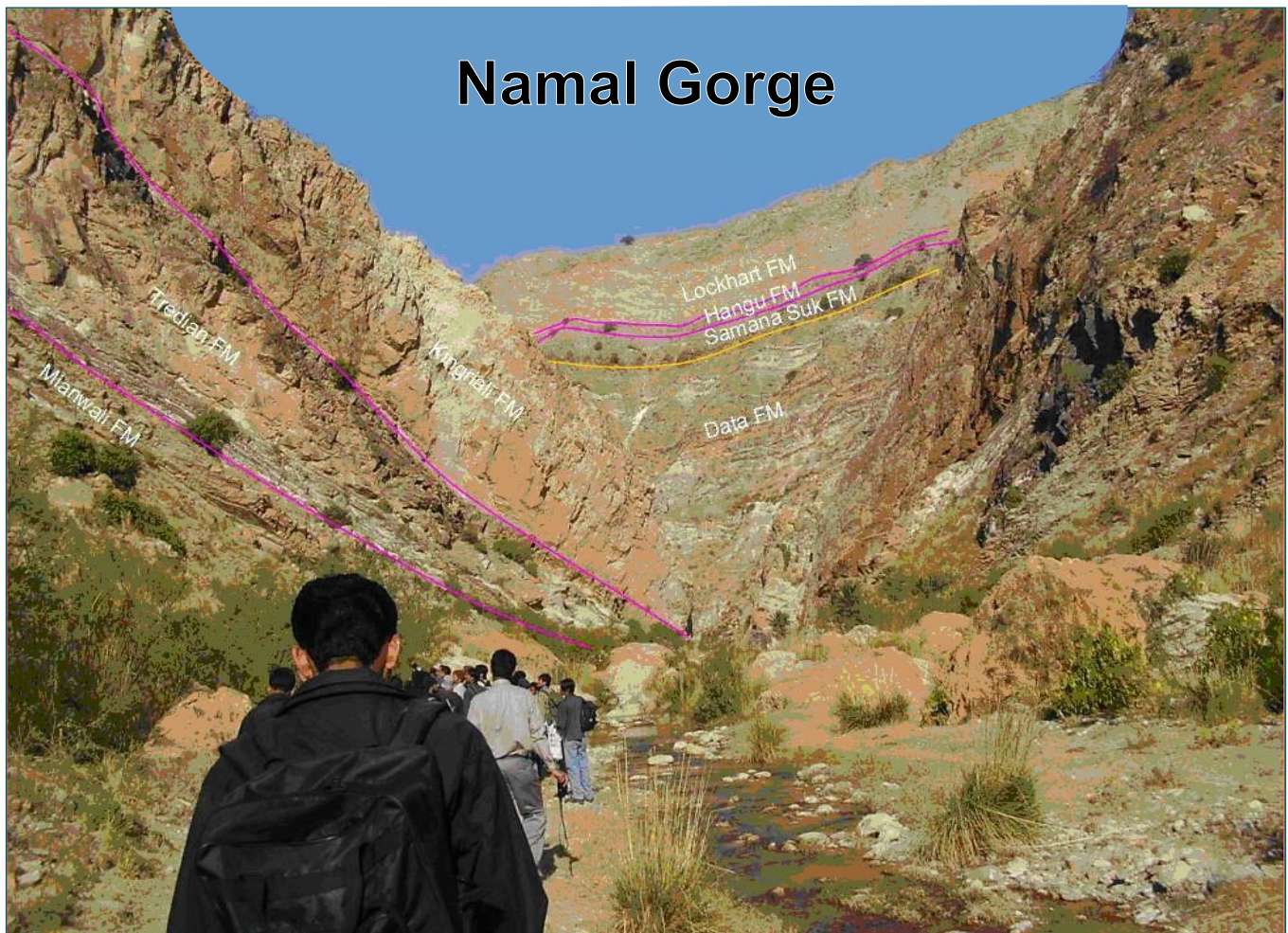


Namal Gorge Tour (Mianwali)

Nammal Gorge is situated in the western Salt range. It is located close to the Mianwali-Rawalpindi highway. There is a small town called Nammal nearby, so this gorge is called as Nammal Gorge.

In this Gorge the students studied:

1. ZALUCH GROUP rocks which are of Upper Permian age. The rocks include Amb formation, Wargal limestone, and Chidru formation.
2. The Permo Triassic Boundary between Chidru formation and Mianwali formation.
3. MUSA KHEL GROUP rocks which are of Triassic age. The rocks include Mianwali formation, Tredian formation, and Kingriali formation.
4. SUR GHER group rocks which are of Jurassic and Cretaceous age. The rocks include Datta formation, Shinawri formation, Samana Suk formation, Chichalli formation, Lumshiwal formation and Kawagarh formation.
5. K.T boundary or Cretaceous-Triassic boundary.
6. MAKARWAL GROUP rocks which are of Paleocene age. The rocks include Hangu formation, Lockhart formation and Patala formation.
7. CHERAT GROUP rocks which are of Eocene age. The rocks include Nammal formation, Sakessar formation and Chorgali formation.





Khewra Salt Mine and Khewra Gorge Tour

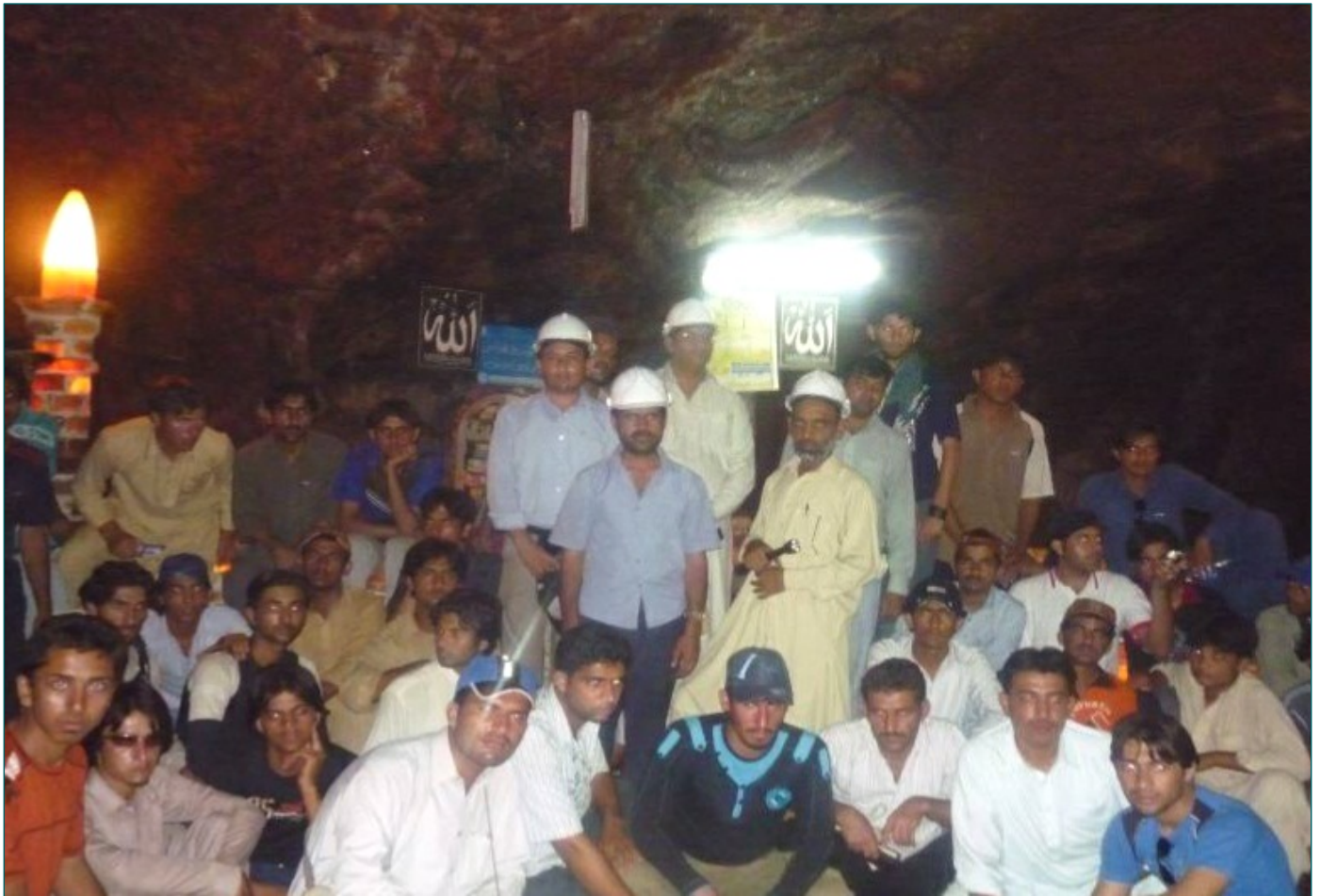
Khewra Gorge is present in the eastern Salt range. It is located at a distance of about 1km from the Khewra to the west of the town. Due to this town this gorge is known as Khewra Gorge.

“Khewra Gorge is known as the Museum of Geology.”

In this Gorge the students studied:

1. Salt range formation which is of Pre-Cambrian age,
2. JEHLUM GROUP rocks which are of Cambrian age, The rocks include Khewra Formation, Kussak formation, Jutana formation and Baghanwala formation.
3. Disconformity between Baghanwala formation and Tobra formation.







Visit to University of Engineering and Technology Lahore



Visit of a Student Scholar

Mr. Aurangzaib Alamgir joined the Faculty of Arts and Basic Sciences of BUIITEMS from 15th April to 15th June, 2011 as visiting student scholar of Asia-Europe Institute, University of Malaya. He is a Doctoral student in the Asia-Europe Institute, University of Malaya (AEI-UM). During his stay at BUIITEMS, he conducted seminars and supervised the students of BS (Social Sciences) 8th semester for their research projects titled:

- ❖ The Post September 11 Pak-Afghanistan Relations
- ❖ Arm Race between Pakistan and India: Realist Approach

OUTREACH ENDEAVORS

Visits to BUIITEMS



Provincial Ministers Visit BUIITEMS

A delegation of Women Provincial Ministers visited Takatu campus of BUIITEMS on 2nd February, 2010. The delegation comprised Provincial Minister for Inter Provincial Coordination, Dr. Ruqayya Hashmi, Provincial Minister for Women Development, Mrs. Ghazala Ashfaq Gola, Advisors to the Chief Minister Ms. Hussan Bano Rakhshani and Ms. Zareena Zehri. The delegation was received by the Hon. Vice Chancellor, Engr. Ahmed Farooq Bazai, who briefed the guests on educational activities and the ongoing projects at the university. The ministers eulogized the performance of the Vice Chancellor, Engr. Ahmed Farooq Bazai and his dedicated management team, for turning the university into a dynamic and fast growing educational institution. The group was also taken on a tour to the Data Center where Campus Management Solution System and other facilities have been added at the university.



HEC Team Visits BUIITEMS

A planning and project team of HEC visited BUIITEMS on 17th February, 2010. Vice Chancellor, Engr. Ahmed Farooq Bazai briefed them about the role that BUIITEMS is playing for the promotion of education in Balochistan. He elucidated that at BUIITEMS, prime importance is given to research and not only teachers but students are engaged in research work. Being a comparatively new university, development work has to be ensured so that the University remains prominent at the educational canvas of the country. The team paid a visit to the Data Centre, Campus Management Solution System and other developmental works in progress.



Visit by Vice Chancellor, Lasbela University.

Balochistan University of Information Technology, Engineering and Management Sciences has gained the repute of a model educational institution in the province and it frequently attracts the attention of educational administrators from other institutions. On 15th March, 2010 Dr. Abdul Hameed Bajoi, Vice Chancellor, Lasbela University of Agriculture, Water and Marine Sciences, visited BUIITEMS. He was cordially welcomed by Engr. Ahmed Farooq Bazai, Vice Chancellor BUIITEMS, and exchanged views on topics of common interest with him.

The honorable visitor was highly impressed by the pace and quality of the development works like video-conferencing facility and the Data Center.

PEC Team Visits BUIITEMS

Pakistan Engineering Council team visited BUIITEMS, Takatu Campus for two days on 1st and 2nd Oct. 2010 for the re-accreditation of different engineering disciplines.

PEC Team first had a meeting with the Vice Chancellor Engr. Ahmed Farooq Bazai, who briefed them on the state of engineering education at the University. The Chairpersons of the various engineering departments gave presentations relevant to their departments before the committee.

The PEC Accreditation committee visited various areas of university. The team monitored and evaluated all the engineering programs being presently offered.

Accreditation Committee/ PEC team comprised the following members including Convener, Deputy Registrar PEC Quetta Branch and experts in each Engineering discipline:



1. **Engr. Prof. Dr. Niaz Ahmed Akhtar**
Convener & Expert Chemical / Petro. Engineering
2. **Engr. Prof. Dr. Jamil Ahmed**
Expert Electronics/ Telecom. Engineering
3. **Engr. Prof. Dr. M. Inyatullah Babar**
Expert Computer/ Telecom. Engineering
4. **Engr. Prof. Dr. Abdullah Khan Durrani**
Expert Chemical/Petroleum Engineering
5. **Engr. Prof. Dr. Tanvir Hussain**
Expert Textile Engineering
6. **Engr. Abdul Wahab**
Deputy Registrar PEC Quetta Branch

Renowned engineers and elites, PEC team members, administrative officers and faculty heads utilized the occasion for fruitful exchange of ideas and sharing of views for improving the quality of engineering education in Balochistan.

US Consul General Visits BUIITEMS

An American diplomatic delegation, led by Mr. William Martin, US Consul General, Karachi called on Engr. Ahmed Farooq Bazai, Vice Chancellor in his secretariat on October 19, 2010. The delegation was given a briefing on different aspects of the university. The Vice Chancellor specifically referred to the various types of financial assistance provided to diligent/needful students.

He rightly claimed that the academic activities at BUIITEMS served to revolutionize the concept of education in Balochistan and now there is a general clamor for competition and merit.

The Vice Chancellor expressed his gratitude to the US authorities for the provision of USAID scholarships to the students. In the Seminar Room, the diplomatic delegation was warmly greeted by a large number of faculty members and students. He lauded the hard work of the university authorities in accomplishing what was unthought-of before. "The quality of instruction imparted to students here is in no way inferior to that of world-renowned institutions.

The address by Mr. William Martin was followed by an informative question and answer session during which issues like American Visa policy for students and teachers were discussed.



Provincial Secretary, C&W Visits BUIITEMS

Balochistan Secretary for Communication and Works, Mr. Saleem Raza headed a provincial government delegation which visited BUIITEMS on October 26, 2010.

The delegation visited the conference Hall, laboratories, class-rooms and other academic facilities of the university and paid rich tributes to the Vice Chancellor and his team on the commendable development in all areas. Secretary C&W remarked that the university had made significant progress on account of the selfless services put in by everyone. The delegation attended a briefing given by the vice chancellor, Engr. Ahmed Farooq Bazai.

The members of the delegation thanked the Vice Chancellor for providing them insight into the affairs of the university.



Group from National Institute of Management visits BUIITEMS

A group of high ranking officers participating in the Management Course at National Institute of Management (NIM) Quetta, paid a visit to the Takatu Campus on October 27, 2010. The group was led by Mir Javed Iqbal, Director General NIM.

Vice Chancellor BUIITEMS, Engr. Ahmed Farooq Bazai welcomed the visitors and gave them a briefing on the history, academic programs, facilities and salient achievements of the university.

The members of the group were taken on a round to the various laboratories. Mir Javed Iqbal, Director General, National Institute of Management, Quetta acknowledged the valuable services of BUIITEMS.



Federal Minister of State Visits BUIITEMS

The Federal State Minister for Industries, Dr. Ayatullah Durrani visited BUIITEMS on November 8, 2010. He was given a briefing by the Vice Chancellor, Engr. Ahmed Farooq Bazai in the video-conferencing room of the university.



The Vice Chancellor signified the major academic and administrative features of the university during the briefing. He stated that BUIITEMS is providing quality education to more than 4600 students in 38 different programs of study. All programs offered at the university conform to international standards and are recognized world-wide. The Vice Chancellor referred to the large-scale absorption of BUIITEMS graduates in various fields of professional importance.

The state Minister pledged full cooperation with BUIITEMS on the part of the government as no community can advance without providing quality education to the youth.



Visits From **BUIITEMS**



Meeting with the US Consul General

A team from the US Consulate in Karachi held a discussion session with students from BUIITEMS on 29th April, 2010 at Serena Hotel, Quetta. The US Consul General Mr. Stephen.G.Fakn was accompanied by Ms. Dawn Schrepel, Political Officer of the consulate. The BUIITEMS students group included:

- ❖ Masood-ur-Rehman BS (CE)
- ❖ Faisal Malghani BS (P&G)
- ❖ Ijaz Ali BS (Eco)
- ❖ Sameen Khan BS (IR)
- ❖ Waheed-Ullah BS (IR)
- ❖ Numan Shehzad BS (Eco)
- ❖ Samana BS (P&G)

The object of the meeting was to exchange information regarding educational facilities and scholarship openings for youth. Foreign scholarships and the criteria of winning them was also discussed.

Visit of BUIITEMS Delegation to Turkish Universities

A delegation comprising, Prof. Dr. M.A.K. Malghani, Pro Vice Chancellor, Prof. Dr. Syed Abid Hussain Rizvi, Dean Faculty of Engineering and Engr. Muhammad Hashim, Chairman Department of Petroleum and Gas Engineering, BUIITEMS, visited Republic of Turkey from April 18-24, 2010 in order to expand close cooperation between Pakistan and Turkey in areas of academic studies and research ventures and to explore possibilities of Faculty exchange and admissions in MS and PhD programs.

During the one week visit, the delegation visited Middle East Technical University, Atilim University, Ankara and Istanbul Technical University and observed the functioning of various component units of those institutions with the object of exploring prospects of mutual cooperation and growth of fraternal relations.

At the Middle East Technical University, the delegation had extensive fruitful parleys with Prof Dr. Ahmet Acar (President) and Dr. Cigdem Ereclibi (Vice President) of the University and discussed at length the possibilities of students and faculty exchange. An MOU on mutually agreed points was signed on the occasion.

Discussions with members of METU Technopolis focused on the scope of installing Technology Parks and Incubators at both the institutions. In Food Engineering Department of the university, the BUIITEMS delegation visited the laboratories and met researchers to learn about the ongoing projects and equipment being used in Engineering Programs.

In the Department of Architecture, the delegation had detailed discussion with Dr. Ali Uzay Peker, Vice Dean, Faculty of Architecture on ways and means of promoting the newly established Architecture Department in BUIITEMS, Quetta.

At Atilim University, Dr. Gilham Ozbayoglu, Dean Faculty of engineering escorted the BUIITEMS delegation on a visit to the different units. Dr. Abdulrahim Ozgenoglu, President Atilim University assured the delegation of every possible cooperation on his part in the development of the Faculty of Engineering, BUIITEMS.



The one week tour of the delegation from BUITEMS culminated in the visit to Istanbul Technical University with particular focus on the Petroleum & Gas Engg Department and Mining Engineering Department. Pro Vice Chancellor, BUITEMS Dr. M.A.K Malghani, presented the shield of his university to the president of Istanbul Technical University



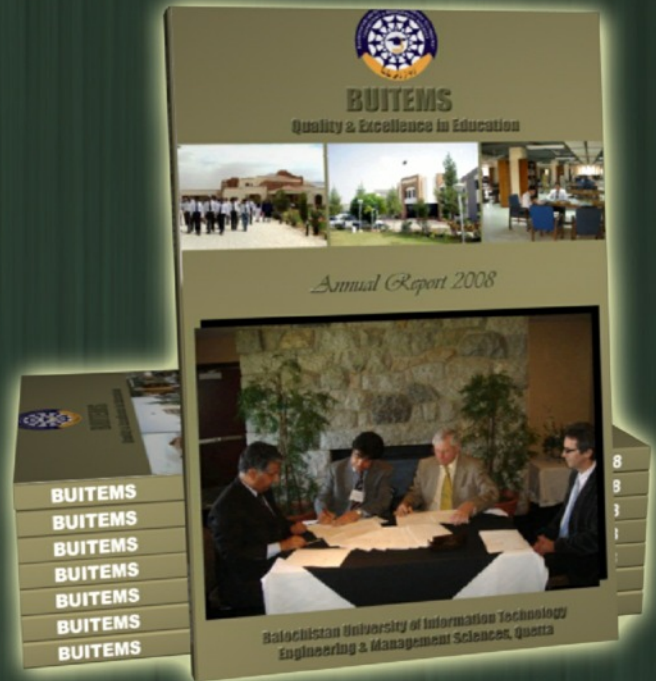
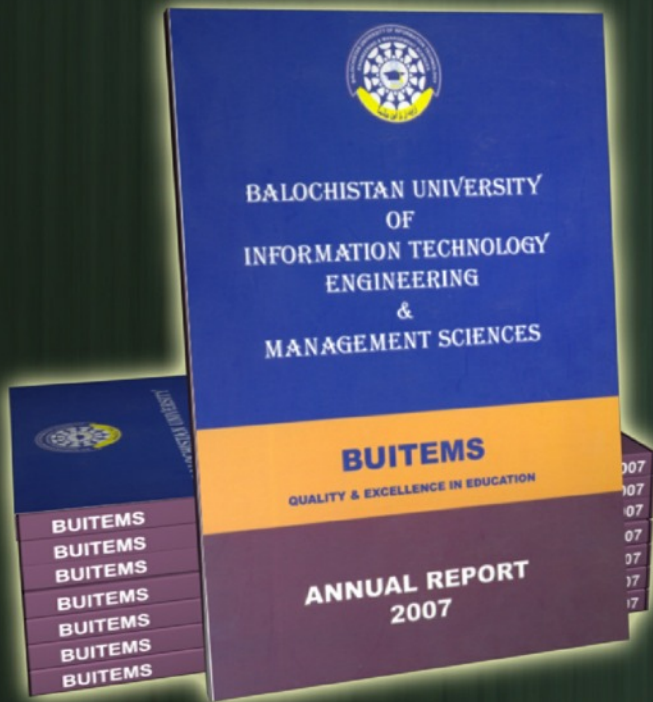
BUIITEMS NEWSLETTERS

BUIITEMS Newsletter is published quarterly to disseminate information about the day to day developments, academic and co-curricular accomplishments to different stake-holders. BUIITEMS Newsletter is an effective medium of communication with universities and other organizations concerned with the academic affairs. It also serves as a chronicle of developments taking place in all spheres of the university life.



BUITEMS ANNUAL REPORTS

Balochistan University of Information Technology, Engineering and Management Sciences brought out the first Annual Report in 2007. The publication of the report was a unique feature of the university accomplishments that there has been much demand for continuation of the publication every year. We are grateful to Allah Almighty for giving us the ability of sustaining the publication in years 2008, 2009 and now the annual report for the year 2010 is in hand. There has been continuous effort on improving the quality of the report every year.





MEETINGS



15th meeting of BUITEMS Syndicate



Board of Studies Meeting for BS (Textile Engineering)



Meetings of Board of Studies of the Faculty of Management Sciences



Dialogue for Aligning Courses of Higher Education with the Job Market



Meeting of National Steering Committee on Financial Assistance and University Advancement



Meeting of Scholarship Winners with the Vice Chancellor





IMPORTANT EVENTS DURING 2010



Annual Prize Distribution Ceremony 2010

December 6, 2010 was a day to honor those who toiled to illumine the name of their departments and the name of their prestigious University on provincial and national forums.

Vice Chancellor Engr. Ahmed Farooq Bazai and Pro Vice Chancellor Dr. M.A.K Malghani were the chief guests on the occasion.

The event opened with the recitation of verses from the Holy Quran by Hafiz Riaz ul Haq of BS (P&G). This was followed by the recitation of a Na'at by Hafiz Hammad Jafar of BS (P&G).

Ms. Sania Sabir BS (Economics) and Mr. Hammad Jafar BS (P&G) conducted the proceedings of the Prize Distribution Ceremony.

The prize winners of various events were:

Qiraat Competition

- ❖ Hafiz Riaz ul Haq (BS Petroleum & Gas Engineering)
- ❖ Hafiz Muhammad Hammad (BS Petroleum & Gas Engineering)
- ❖ Mr. Hammad Ahmed (BS Petroleum & Gas Engineering)

Naat Competition

- ❖ Mr. Farrukh Masood (BS Mining Engineering)
- ❖ Mr. Qasim Ali (BS Electronic Engineering)
- ❖ Ms. Mehwish Nayab (BS Biotechnology & Informatics)
- ❖ Ms. Sehrish Muneer BS (Electronic Engineering)

Essay Competition (English)

- ❖ Ms. Sajida Ali (BS Biotechnology & Informatics)
- ❖ Mr. Kaleem Tareen (BS Chemical Engineering)
- ❖ Mr. Amaan (MBA)

Essay Competition (Urdu)

- ❖ Mr. Muhammad Baqir (BS Economics)
- ❖ Ms. Fareena Khan (BS Computer Science)
- ❖ Ms. Kaneez Raza (BS Biotechnology & Informatics)

Debate Competition (English)

- ❖ Ms. Kaneez Raza (BS Biotechnology & Informatics)
- ❖ Ms. Sania Sabir (BS Economics)
- ❖ Ms. Marium Kubra (MBA Banking & Finance)



- ❖ Mr. Ali Zulqarnain (BS Petroleum & Gas Engineering)
- ❖ Ms. Sabika Batool (MBA Banking & Finance)
- ❖ Mr. Jahangir Bazai (BS Textile Engineering)

All Balochistan Bilingual Debate Competition (English)

- ❖ Ms. Marjan Arbab (BS Economics) 1st position

(Urdu)

- ❖ Ms. Sabika Batool (MBA Banking & Finance) 1st position
- ❖ Mr. Jahangir Bazai (BS Textile Engineering) 2nd position



Pakistan Red Crescent Society's Provincial Bilingual Debate Contest 2010 (English)

- ❖ Ms. Marjan Arbab (BS Economics) 1st position
- ❖ Ms. Sania Sabir (BS Economics) 2nd position

(Urdu)

- ❖ Mr. Jahangir Bazai (BS Textile Engineering) 1st position

All Balochistan Allama Iqbal Shield Debate Competition 2010

- ❖ Mr. Jahangir Bazai (BS Textile Engineering) 1st position

12th Allama Iqbal Open Shield Extempore Debates

- ❖ Ms. Sania Sabir (BS Economics) Best Performance

Red Crescent Society National Youth Camp Best Volunteer 2010

- ❖ Mr. Jahangir Bazai (BS Textile Engineering)



Sports Events 2010

T-20 Cricket Tournament (Faculty vs Administration)

- ❖ The Winners trophy was received by the Captain of the Takatu Campus Mr. Farhan Ellahi
- ❖ The runner up trophy was received by the Captain of the City Campus Mr. S.M. Nabeel ul Haq.

T-20 Cricket Tournament (Students)

- ❖ The winner's trophy was received by the Captain of BS (Computer Engineering) Mr. Akmal Khan
- ❖ The runner up trophy was received by the Captain of BS (Economics) Mr. Israr Ahmed.

Basket Ball Competition (Girls)

- ❖ The winning team was City Campus, winner trophy was received by Captain Ms. Marjan Arbab (BS Economics). The runner up team was Takatu Campus; runner up trophy was received by Captain Ms. Samaana Ishaq.

Basket Ball (Boys)

- ❖ The winning team was BS (Business Administration), winner trophy was received by Captain Mr. Ulusyar Tareen.
- ❖ The runner up team was BS (Petroleum & Gas Engineering), runner up trophy was received by Mr. Shams-ur-Rehman.

Volley Ball Competition (Girls)

- ❖ The winning team was City Campus; winner trophy was received by Captain Ms. Sehreen MBA.
- ❖ The runner up team was Takatu Campus; runner up trophy was received by Captain Ms. Amber Muneer.

(Boys)

- ❖ The winning team was BS (Petroleum & Gas Engineering) winner trophy was received by Captain Mr. Shams-ur-Rehman.
- ❖ The runner up team was BS (Business Administration), runner up trophy was received by Mr. Dawood.

All Pakistan Intersarsity Zone I Football Tournament 2010-11

- ❖ BUIITEMS Team won 2nd position, Captain Mr. Shahab-ud-Din (BS Economics) received runner up trophy.

All Pakistan Intersarsity Zone I Table Tennis Tournament 2010-11

- ❖ Qualified for the final round Captain Syed SaqibAli (BS Electronic Engineering) received prize

All Pakistan Intersarsity Body Building Championship

- ❖ Dilwar Khan (MBA) 4th position

Pakistan under 19 women Cricket Team

- ❖ Syeda Iqra Anjum BS (Chemical Engineering) was selected for the under 19 team. She was a member of the Pakistan Squad during the ICC Women's World Cup 2009.



Inauguration of New Academic Block, Takatu Campus.

BUIITEMS is rapidly expanding the sphere of educational facilities and completion of the new academic block at Takatu Campus is a quantum leap in this direction. The new block has added grandeur to the academic facilities now available for the staff and students of the university. On January 5, 2010, the Honorable Governor Balochistan, Nawab Zulfiqar Ali Magsi inaugurated the new academic block. With the commissioning of the block in service, BUIITEMS has entered into a new phase of latest technical advancement.

The seven newly established ICT laboratories and the Campus Management Solutions System were the main focus of interest during the visit. The Honorable Governor Balochistan appreciated the work done in the block and hoped that such facilities would be fully utilized by the students.



Mega Drama Festival

On January 21, 2010 the 8th Mega Drama Festival was organized at Takatu Campus under the guidance of Mr. S.M. Nabeel-ul-Haq, Coordinator Student Affairs. Several dramas on different topics were presented and "HUM JO TAREEK RAHON MAIN MARYAY GAYE" was nominated as the best among them. Written by Mudasser Hussain and directed by Bahar Ali Shah, the theme of the drama touched on a very sensitive topic and won warm applause from the audience. The best actress award was given to Ms. Tahira and best actors nominated were Mr. Bahar Ali Shah and Mr. Baber Muzzafar.



Hepatitis Awareness and Vaccination Session

Waterborne epidemics are becoming rampant in South East Asia and Balochistan is no exception to it. Awareness about such life threatening diseases and precautionary measures can ensure they do not get out of control. The students of BUIITEMS MBA and members of BUIITEMS Servant Leader's Society conducted a "2-Phase Hepatitis Awareness and Vaccination Session" at the both campuses of BUIITEMS. The first phase was held on 3rd and 4th February 2010 and the second on the 8th March 2010. This awareness and vaccination campaign was conducted in collaboration with National Hepatitis Control Program and the NGO SEHER. Dr. Behram supervised the entire campaign.



Own a Tree Campaign

Effects of deforestation and global warming are becoming exceedingly evident in Quetta. The only



solution to this malady is to plant new trees in place of the old ones that have been chopped down. It's always up to the educated section of the society to take steps towards solving environmental issues. A tree plantation drive was inaugurated by the Vice Chancellor on 16th February, 2010. The aim was to plant 4,500 saplings on the grounds of the Takatu Campus. Each student was encouraged to plant one sapling and then take care of it till such a time that the plant grows firm roots.

The Vice Chancellor planted the first tree and offered dua. He was joined by Acting Pro Vice Chancellor Prof. Dr. Muhammad Nawaz, Registrar Manzoor Hussain, Deans of all Faculties, Chairmen and Coordinator of Student Affairs.

National Book Fair

A National book fair was held at the Expo Centre Takatu Campus from 18-21, May, 2010. Most of the renowned publishing houses and book companies participated in this fair. The Honorable Vice Chancellor opened the festivities of the Fair by awarding the badge of Chief Organizer to Chairman Book Fair Committee Dr. Shoaibullah Khan. He visited the various stalls and spoke to the press representatives present on the occasion. More than 50,000 books, covering all disciplines were on display.



The Book Fair was visited by a large number of faculty and students of BUIITEMS. Notable among the external visitors were Ms. Sultana Baloch and Ms. Jamila Qazi. Vice Chancellor and Registrar SBK Women University, Mr. Jan Ali Changezi Provincial Minister for Quality Education, Dr. Ashfaq Ahmed, Dean, Faculty of Science, UOB, Officers of the Balochistan Textbook Board, teachers and students of Government Degree College Sibi, Balochistan College of Technology and Balochistan Agriculture College.



Provincial Minister Mr. Jan Ali Changezi distributed certificates among representatives of the participating firms and appreciated the role played by the university in providing quality education to youth of Balochistan.

Architecture Exhibition.



On 11th May 2010, Department of Architecture organized an exhibition at BUIITEMS expo center. The slogan of the exhibition was “**zeal of architecture department**”. All the students of architecture department took part in this exhibition & displayed their art & architecture related works. Many faculty members of all departments & high officials of the university including Pro Vice Chancellor Prof. Dr. M.A.K. Malghani also visited the exhibition & recorded their views in the comments book.

Job Fair at Takatu

A Mega Job Fair was held in the Expo Centre at Takatu Campus on 23rd and 24th of June, 2010. The fair was open to students from all schools, colleges and universities of Balochistan and was attended by members from all the institutions. The Chief Guest on the occasion was Provincial Minister for Information Technology and Provincial Coordination on NGO's Program and Universities, Ms. Shama Parveen Magsi. The fair was organized by the Faculty of ICT BUIITEMS. The following competitions were held:
Project competition.

- ❖ On-Spot Programming Competition
- ❖ Flower Arrangement Competition
- ❖ Poster Competition
- ❖ On-Spot Painting Competition
- ❖ On-Line Gaming Competition
- ❖ Quiz Competition

The job fair was an excellent opportunity for the employers, recruiters and organizations to assess prospective job seekers. For this purpose, company stalls were set-up where CV's were collected and business cards exchanged.



Inauguration of CISCO Local Academy BUIITEMS

Commercial & Industrial Security Corporation (CISCO) local academy, BUIITEMS was inaugurated by the Hon. Vice Chancellor BUIITEMS, Engr Ahmed Farooq Bazai on 25th June 2010. Faculty of ICT, BUIITEMS, took the initiative to establish Balochistan's first CISCO local academy where CISCO Certified Network Associate (CCNA) training will be imparted. This training would be beneficial not only for BUIITEMS students but also for students and professionals of other institutions in Balochistan.

Ms. Saima Gul, CISCO Certified Academy Instructor, in her presentation on the occasion, highlighted the purpose & objectives of establishment of the CISCO local academy. The importance of CCNA training for professionals as well as for students was also focused upon in the presentation. Vice Chancellor, BUIITEMS, Engr. Ahmed Farooq Bazai, in his brief address advised the Instructors not to compromise on quality of training at any cost.



CISCO Certificate Distribution Ceremony

CISCO Local Academy BUIITEMS organized a certificate distribution ceremony on October 13, 2010, on the successful completion of CCNA Module-1.



The ceremony was presided over by the Vice Chancellor Engr. Ahmed Farooq Bazai. Prof. Dr. A. H. S Bukhari, Dean Faculty of Information and Communication Technology and Legal Main Contact (LMC) of Cisco Local Academy BUIITEMS, in his welcome address highlighted the CCNA certificate course activities, the working team structure of academy and future development goals. The Vice Chancellor appreciated the hard work of the students and the instructors. He emphasized the importance of such courses as effective means of contribution in the academic progress of the university. Certificates were distributed among the participants.

Painting and Graphic Arts Exhibition

A Painting and Graphic Arts Exhibition was held at the new Academic Block of Takatu Campus, BUIITEMS on October 25, 2010. More than 60 paintings by 30 renowned artists were on display in the exhibition. Vice Chancellor Engr. Ahmed Farooq Bazai, who is himself a great lover of art, inaugurated the exhibition, which was the first of its kind arranged by the Department of Fine Arts, BUIITEMS.

Mr. Haleem Barech was the Chief Organizer of the exhibition while the newly admitted students of Fine Arts assisted him in making the exhibition a memorable event. Art lovers from different walks of life came to see the exhibition. In his address to the audience at the inaugural function, Engr. Ahmed Farooq Bazai high-lighted the BUIITEMS' forward-march in every field. 'BUIITEMS has met another need of the students from Balochistan by establishing the Department of Fine Arts and this has provided a new platform for artistic ventures in the province. The university has acquired the services of recognized and qualified artists as teachers whose artistic works are viewed with esteem all over Pakistan.' The Vice Chancellor exhorted the students of Fine Arts to utilize the new facilities and services to the maximum so that they may be able to make their mark in the field of Arts by projecting the natural beauty and cultural facets of Balochistan. The exhibition was open for the visitors for full one week and it served to instill the artistic urge among the visitors.



HIV & AIDS Awareness Campaign 2010

Pakistan Red Crescent Society, Balochistan Chapter organized the 2nd Anti-HIV & AIDS Awareness Campaign on December 1, 2010, at the Boy Scouts Association Quetta. Educational institutions and different organizations active in Balochistan, set-up their stalls and launched an awareness campaign against the scourge of HIV&AIDS, through skits, songs and speeches. BUIITEMS students, the most senior volunteer group of PRCS, played a leading role in making the event a memorable success. Sohail Mushtaq and Jahangir Bazai delivered informative and thought-provoking speeches on behalf of BUIITEMS.



Maj (R) Sabir Ahmed Durrani, Secretary PRCS, Balochistan Chapter, in his concluding speech lauded the services and role of BUITEMS Volunteers Group as they had ever been dynamic and active volunteers for PRCS. He described HIV & AIDS as the most menacing threat to human survival on the globe and advised the students to play a leading role in countering the threat and in prevention of the said diseases.



Another Distinction Achieved

Balochistan University of Information Technology Engineering and Management Sciences (BUITEMS) achieved a memorable distinction when it was awarded ‘License of Professional Engineering Body’ by the Pakistan Engineering Council, under bye-law 16 of PEC Byelaws-2006.

The license authorizes BUITEMS to carry out “Continuing Professional Development (CPD)” programs and activities, on the basis of accreditation of engineering programs of the university. Pakistan Engineering Council recognized the continuous growth of BUITEMS in terms of imparting quality education in the field of Engineering. This remarkable achievement is the fruit of determined leadership of Engr. Ahmed Farooq Bazai, Vice Chancellor and his dedicated team.



Workshops & Seminars



Workshops

Theme:	Laboratory Methods in Genetics
Organized for:	Faculty Members & Researchers.
Held on:	22 nd -26 th February 2010.
Resource Person:	Dr. Sajid A. Malik and Dr. Saeed-UI-Haq (S.I)
Organized by:	HEC
Chief Guest:	Dr Masoom Yasinzai, VC Quaid -e-Azam University Islamabad.



Theme:	PEC Cost and Contract Documents
Organized for:	Engineers in Balochistan
Held on:	29 th - 30 th March 2010.
Resource Person:	Engr. M. Mazhar-ul-Islam
Organized by:	Pakistan Engineering Council in collaboration with BUIITEMS
Chief Guest:	Engr. Zamrak Khan Achakzai
Guest of honor:	Engr. Ahmed Farooq Bazai



Theme: Strategic and Operational Planning for Financial Aid Offices
Organized for: UA&FA Staff.
Held on: 25th - 27th March 2010.
Resource Person: Moin-ud-Din
Organized by: Higher Education Commission
Chief Guest: Dr. John Shumaker, Chief of Party HEC-FAD



Theme: Alumni Relations and Effective Communication Skills.
Organized for: University Advancement staff and students.
Held on: 10th - 12th May 2010.
Resource Person: Mr. Zafar Siddique from IBA Karachi.
Organized by: HEC - FAD



Theme:	Strategic & Operational Planning for University Advancement Officers
Organized for:	UA & FA offices staff.
Held on:	2 nd & 4 th June 2010.
Resource Person:	Mohammad Shah Durrani & Ms. Sabrina Faisal
Organized by:	HEC-FAD
Coordinator:	Mr. Imran Rizvi
Guest of honor:	Dr. Mary Bane Lackie, Chief of Party, HEC-FAD



Theme:	The role of Youth in Promoting Peace.
Organized for:	BUIITEMS Students.
Held on:	16 th July, 2010.
Resource Person:	Mr. Faizan Hassan
Organized by:	Nabeel-ul-Haq
Guest of honor:	Sh. Nabeel-ul-Haq



Theme:	Youth Leadership, Team building & Disaster management
Organized for:	BUIITEMS Students.
Held on:	1 st August 2010.
Resource Person:	Jahangir Khan. Basim Ahmad. Sohil Mushtaq
Organized by:	Pakistan Red Crescent Society
Coordinator:	Mr. Jehangir Khan Bazai
Chief Guest:	Mr. Sabir Durrani (Secretary PRCS.)



Theme:	Understanding of Degree Supplement
Organized for:	University Planners & Implementers.
Held on:	August 10, 2010.
Resource Person:	Muhammad Ismail Director (QEC NUST)
Organized by:	Higher Education Commission of Pakistan
Coordinator:	Ms. Batool Zia, DG (QA & Stat) HEC.
Chief Guest:	Ms. Sultana Baloch, VC, SBK Women University.



Theme: Internal Audit
Organized for: QE&A
Held on: October 21, 2010.
Resource Person: Imranullah Sharif
Organized by: QE&A
Coordinator: Mr. Dara Shikoh
Chief Guest: Engr. Ahmed Farooq Bazai



Theme: Business Proposal Development
Organized for: Faculty Members & Students
Held on: July 28th 2010.
Resource Person: Mr. Mohammad Bilal
Organized by: Mr. Mudassar Malik, Mr. Kashif Paracha, Ms. Sumera Nazneen Ms. Zhara Umar, Mr. Qasim Raza and Mr. Dost Mohammad
Coordinator: Mr. Noor Mohammad
Chief Guest: Prof. Barkat Ali.



Theme: Self Assessment Report Writing
Organized for: Faculty Members
Held on: December 29, 2010.
Resource Person: Dr. Abdul Wahid Usmani, Dir. Quality Enhancement Cell DOW University.
Organized by: Directorate of Quality Enhancement and Accreditation.
Chief Guest: Engr. Ahmed Farooq Bazai, VC BUIITEMS



Theme: National Workshop for Training of Master Trainers
Organized for: Faculty Members of 17 universities
Held on: November 1-4, 2010.
Resource Person: HEC Resource Persons
Organized by: (LID) Learning Innovation Division, HEC
Coordinator: Ms. Noor Amna Malik
Chief Guest: Dr. Javed R. Leghari



Theme:	Reservoir Engineering for Dummies and Video Graphic Demonstration on Oil Well Exploration.
Organized For:	Students of Petroleum Engineering.
Held on:	December 23, 2010.
Resource Person:	Engr. Yasir Qayyum Malik.
Organized by:	Society of Petroleum Engineers, BUIITEMS.
Coordinator:	Engr. Mohammad Hussain.
Chief Guest:	Dr. Abid Hussain, Dean, Faculty of Engineering, BUIITEMS.



Seminars.

Theme: Effective Communication Skills
Organized for: 7th and 8th semester students Takatu Campus
Held on: 27th April 2010.
Resource Person(s): Ms. Sadiqa Ramzan
Organized by: Mr. Mohammad Shah Durrani
Coordinator: BUIITEMS Career planning and Counseling Unit
Guest of Honor: Engr. Ahmed Farooq Bazai.

Theme: Managing Careers
Organized for: Students of MBA.
Held on: June 28,2010
Resource Person(s): Prof. Nadeem Malik.
Organized by: Ms. Tayyaba Akram & MBA Students
Coordinator: Mr. Ghulam Jan & Mr. Asadullah Baloch
Guest of Honor: Mr. Manzoor Hussain

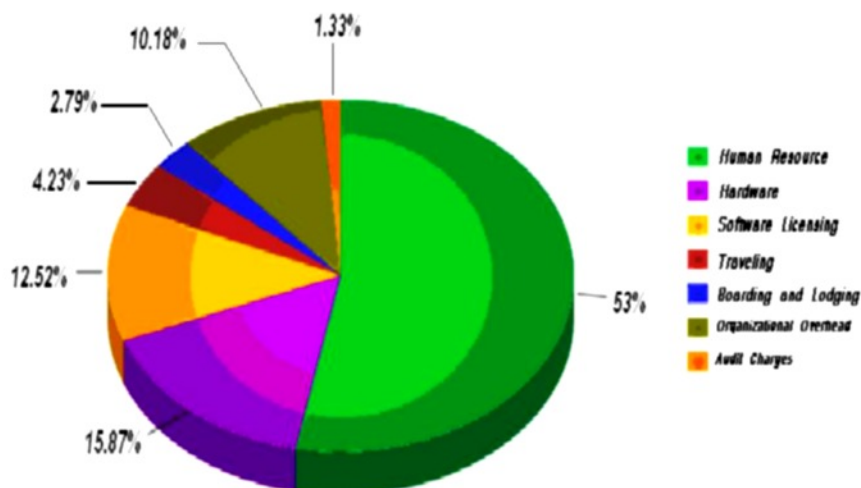


Theme: Dianetics: The Modern Science of Mental Health
Organized for: Students of BS (Psychology)
Held on: July 22, 2010.
Resource Person(s): Dr. Atta Mohammad Barech.
Organized by: Ms. Ayesha Manzoor & Students of BS (Social Sciences)
Guest Speaker: Dr. Atta Mohammad Barech



Theme: Research Methodology
Organized for: Faculty and Students.
Held on: 4th August 2010.
Resource Person(s): Dr. Anila Amber Malik
Organized by: Ms. Batool Ishaq
Coordinator: Dr. Mohammad Nawaz.
Chief Guest: Dr. M.A.K. Malghani

Theme: Balochistan Government E-Trans
Organized for: Faculty of ICT
Held on: October 07, 2010.
Resource Person(s): Mirza Aamir Mahmood.
Organized by: Faculty of ICT
Chief Guest: Engr. Ahmed Farooq Bazai



Theme: Role of Youth in National Integration
Organized for: BUIITEMS Students
Held on: November 10, 2010.
Resource Person(s): Dr. Mumtaz, Dr. Talib Hussain
Organized by: Student Affairs BUIITEMS
Coordinator: S.M. Nabeel.
Guest Speaker: Dy. Registrar Abdul Qadeem Kakar



Theme: The Status of Women in Islam & Their Role in National Integration
Organized for: BUIITEMS Female Students.
Held on: November 11, 2010.
Resource Person(s): Dr. Talib Hussain Siyal
Organized by: Student Affairs Society
Coordinator: S.M. Nabeel.
Guest Speaker: Dr. Talib Hussain Siyal, & Dr. Mumtaz.

Theme: Entrepreneurship Development
Organized for: Students of Management Sciences.
Held on: November 12, 2010.
Resource Person(s): Mr. Ibrahim Khilji
Organized by: Mr. Mohammad Jawad Khan & MBA Students
Coordinator: Mr. Mohammad Jawad Khan
Guest Speaker: Mr. Mohammad Iqbal.





EVENTS



Convocation 2010

BUIITEMS 6th Convocation was held on December 7, 2010. Nawab Zulfiqar Magsi, Chancellor Governor Balochistan formally declared the convocation open.



Vice Chancellor Engr. Ahmed Farooq Bazai in his welcome address said, "Despite the financial difficulties around 400 students stand before us educated and trained to face the challenges of the practical world, with the aim of bringing prosperity to Pakistan and Balochistan in particular". He emphasized that the passing out graduates are the flag bearers of BUIITEMS.

The conferment of the degrees was the highlight of the day. This year the conferment was of three groups: Master in Science, Master in Business Administration and Bachelor in Science in their respective disciplines.

The finale of the conferment was the recognition of merit of 20 individual students who during their stay in BUIITEMS succeeded in becoming the "jewels in the crown" by attaining top merit positions. They were decorated with gold medals to the warm appreciation and standing ovation from the audience.

The Honorable Chancellor / Governor Balochistan, in his address praised the university authorities on holding yet another successful convocation. In particular, he eulogized the services of the Vice Chancellor for his commendable services in delivering quality education to the students. He congratulated the passing out graduates on their achievements and commended the valuable efforts of their parents and teachers. He stressed that Balochistan is equally rich in talent and that BUIITEMS is a standing testimony to it. "We are gifted by nature in respect of our important geographical location. Our region is so strategically important that it has witnessed "great epoch-making developments".

He further said, "We can not rely on foreign assistance alone; our young men and women have to fill themselves with real knowledge, solid capabilities and capacities to stand to the test of modern times and to grasp the rewarding opportunities of future." In his continued support to our students the Honorable Chancellor announced cash awards of Rs. 100,000 for each of the gold medalists.



AWARD OF GOLD MEDALS

Balochistan University of Information Technology, Engineering and Management Sciences has always been focusing on Quality and Excellence in Education. The students demonstrating high intellectual zest and continuous devotion to studies are held in high esteem. It is imperative that their achievements are duly recognized and eulogized. Meritorious performances of students notching top positions in various programs of study were recognized by awarding gold medals in Convocation 2010. The gold medalists were:-



Madeeha Sagheer
MS (Bio Technology)



Kaleemullah
MBA



Maryam Akber
MBA (Banking & Finance)



Jasmia Sana
MBA



Zarmina Mehmood
MBA



Syed Sabir Hussain Shah
MBA



Beenish Aftab
MBA



Aisha Jamshed
BS (Bio Technology)



Saima Waseem
BS (Computer Engineering)



Angelina Haroon
BS (Textile Engineering)



Saima Ali
BS(Information Technology)



Faizah Ashraf
MBA



Sanam Naseer
BS(Business Administration)



Syed Nisar Ahmed
BS(Business Administration)



Tariq Aziz
BS (Social Sciences)



Jahangir Ashraf
BS (Petroleum & Gas)



Muhammad Arif
BS(Electronic Engineering)



Muhammad Amin
BS (Chemical Engineering)



Atika Sajjad
BS (Telecom Engineering)



Noman Shehzad
BS (Economics)

CO-CURRICULAR ACTIVITIES

- ❖ Debates & Declamation Contests
- ❖ Competitions.



All Pakistan Intervarsity Urdu Debate Competition

The second round of the All Pakistan Inter University Urdu Debate was held on 20th March 2010 in Islamabad. It was organized under the aegis of the Center for Civic Education Pakistan (CCEP) in collaboration with the Higher Education Commission HEC Regional Center Quetta. The theme for the debate was **“Naujawanoo ko apni zimmaydari ka ehshaas hai”**.

In the final round of the debate competition there were 5 competing teams from the following universities:

- ❖ Balochistan University of Information Technology, Engineering and Management Sciences.
- ❖ Quaid-e-Azam University
- ❖ Punjab University
- ❖ Institute of Management Studies, Peshawar.
- ❖ Jamshoro University, Sindh.



Mr. Jahangir Bazai (BS Textile Engg) and Ms. Sabika Batool MBA (B&F) were selected from BUIITEMS, along with Mr. Talat Rehman (Iqra University) as winners of the first round at the provincial level. Ms. Sabika Batool from BUIITEMS was declared to be the best speaker and was awarded the coveted 1st position.

RCS Debate Contest

Pakistan Red Crescent Society arranged a declamation contest to celebrate Red Crescent Day on May 13, 2010. A team comprising four student speakers from BUIITEMS participated in the bilingual debate competition. Ms. Marjan Arbab Kasi won 1st prize and Ms. Sania Sabir got 2nd prize in English debate. In Urdu debate, Jahangir Bazai was awarded the 1st position.



NAB Debate Competition

National Accountability Bureau arranged an interprovincial debate competition titled “*Corruption Breeds Hatred and Inefficiency*” on 19th & 20th May, 2010. The competition was spread over two rounds. In the first round, out of all the speakers, 10 were selected for the final round. The students from BUIITEMS once again proved their merit and won top positions in both the debate competitions. Ms. Marjan Arbab stood first in the English Debate Competition and Ms. Sabika Batool clinched first position in Urdu Debate while Mr. Jahangir Bazai was declared second in Urdu Debate. The winners were awarded shields and cash prizes.



Inter departmental declamation contest

BUIITEMS Student Affairs Society arranged the first Inter Departmental Declamation Contest in collaboration with Society of Textile Engineering. The contest was bilingual and covered both serious and humorous topics. Chief Guest on the occasion was Prof. Sultan Mahmood Niazi, Director Communications, BUIITEMS. Prominent debaters from the university participated in the event and gave impressive proof of their speaking skills.

The winners were:

- ❖ Ms. Marjan Arbab BS (Eco) 1st position.
- ❖ Mr. Zahid Khan MBA (B&F) 2nd position
- ❖ Ms. Sania Sabir BS (Eco) 3rd position.

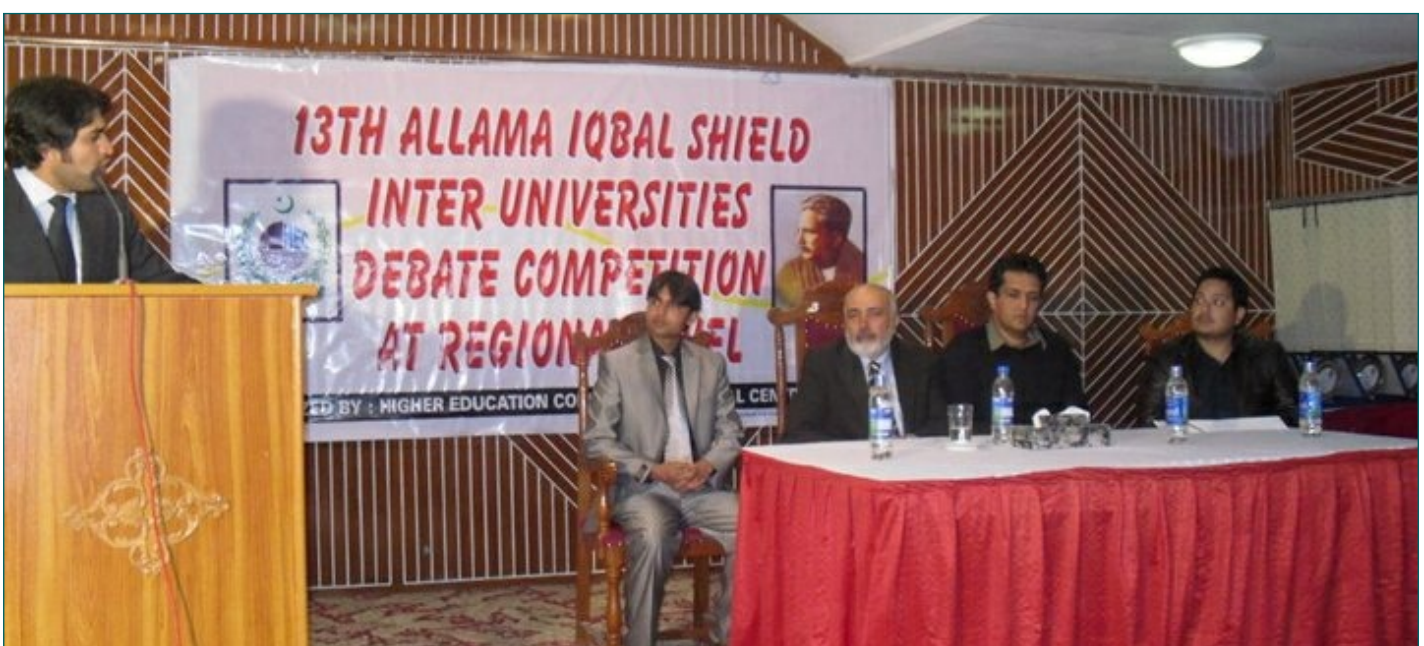


All Pakistan Allama Iqbal Shield Debate Competition 2010

The 2nd All Balochistan Allama Iqbal Shield Debate Competition was held on October 9, 2010 at Govt. Girls College, Quetta Cantt. The bi-lingual contest was organized by 'the Voice of Knowledge', a local NGO, under the supervision of their Director, Mr. Akram Tareen. Provincial Minister for Revenue Mr. Zamrak Khan Achakzai was the Chief Guest on the occasion.

Different colleges and universities took part in the competition. BUIITEMS team also contested under the supervision of Ms. Imrana Niaz Sultan, Lecturer, Faculty of Life Sciences. Jahangir Khan Bazai from BUIITEMS again gave proof of his dominance by notching up the top position in the competition while the second and third positions were secured by the debaters from Govt. Girls College, Quarry Road, Quetta and Govt. Girls College, Quetta Cantt. respectively.

The Chief Guest Mr. Zamrak Khan lauded the quality of the debate and extended special greetings to BUIITEMS team for their excellent performance. The event concluded with awarding of shields and cash prizes to the position holders of the competition.



Inter Departmental Debate Competition 2010

The Directorate of Student Affairs BUIITEMS organized the Inter Departmental Debate Competition 2010 on 11th November, 2010, in the Takatu Campus Auditorium. The contest was bilingual. More than 20 students participated in the contest. Prominent debaters gave impressive demonstration of their speaking skills.



The winners of the contest were:

English:

- ❖ Ms. Kaneez Raza (BS Biotechnology & Informatics)
- ❖ Ms. Sania Sabir (BS Economics)
- ❖ Ms. Marium Qubra (MBA Banking & Finance)

Urdu:

- ❖ Mr. Ali Zulqarnain (Petroleum & Gas Engineering)
- ❖ Ms. Sabika Batool (MBA Banking & Finance)
- ❖ Mr. Jahangir Khan Bazai (Textile Engineering)

“World Anti Corruption Day 2010” Debate

World Anti-Corruption Day Debate Competition was organized by NAB (National Accountability Bureau) Balochistan, on Dec 9, 2010 at Serena, Quetta. People from different professions were present on this occasion.

Prominent debaters from different institutions gave impressive proof of their speaking skills. The Chief Guest of the event was Mr. Aslam Bhotani, Speaker, Balochistan Assembly, while Mrs. Roshan Khurshid Bharocha (Ex. Senator) and Dr. Sobia Ramzan, Professor IMS, University of Balochistan were the learned guest speakers.

Mr. Jahangir Khan Bazai from department of Textile Engineering, BUIITEMS was declared to be the best speaker of the competition. Mr. Aslam Bhotani, praised the quality of the speech material and expression of the students contesting for top honors in the competition. The event concluded with the award of shields to the winners.

IEEE Quiztronics 2010

A national event titled “IEEE Quiztronics 2010” was held at Pakistan Naval Engineering College, NUST on March 13, 2010. This event was attended by 32 teams from different universities of Pakistan. The team from BUIITEMS comprised Tanveer Hashim, Sana-ullah Faiz and Mazhar Iqbal, all from the Computer Engineering Department. Despite tough competition, BUIITEMS’ team clinched 3rd position from among the 32 participating teams. The students were later taken on a tour to the naval college and had opportunity of meeting the officials and administrative staff there. This event added to the exposure of the students and provided them a chance of exchanging ideas with fellow students from other leading universities of Pakistan.



National Engineering Robotics Contest (NERC-2010)

National Engineering Robotics Contest (NERC-2010) was held at National University of Science & Technology (NUST), Islamabad on July 7th to 10th, 2010.

Students of Faculty of ICT presented two different Robotics Projects:

The projects were named as "SOLO M6" and "AVATAR". Solo M6 is an unmanned programmed vehicle that can load the blocks or other structured items and move those to a certain position in the arena and place the items into pigeon holes of specified standard. AVATAR functions in the same way but differs in design from SOLO M6.

The Robot designed by the BUIITEMS' students was highly appreciated by the Panel of Experts and Officials of NUST. The successful teams were awarded a participation prize money of Rupees Ten thousand.



Inter Departmental Husn-e-Qirat and Na'at Competition

Directorate of Students Affairs, BUIITEMS frequently arranges co-curricular activities on the campuses in order to identify and groom-up the budding talents of the students. One such function was arranged on October 29, 2010 at the City Campus Auditorium. Husn-e-Qirat and na'at competition was arranged under the supervision of Mr. S.M. Nabeel-ul-Haq, Coordinator, Students Affairs. A large number of students from both the campuses took part in the competition. Their performances were steeped in true spiritual zest and cast a subliming effect on the audience. The contest was so close that it was difficult for the judges to assign positions. However, the following were declared to be the position-winners, in the long run.



Husne-Qirat:

- ❖ Hafiz Riaz-Ul-Haq, BS (Petroleum & Gas Engg) First.
- ❖ Hafiz Mohammad Hamad, BS (Petroleum & Gas Engg) Second.
- ❖ Mr. Mohammad Hammad Ahmed BS(Petroleum & Gas Engg) Third

Na'at Khwani

- ❖ Mr. Farrukh Masood BS (Mining Engg) First
- ❖ Ms. Mehwish Nayab BS (Biotech & Informatics) Second
- ❖ Mr. Qasim Ali BS (Electronics Engg) Third

Inter-Departmental Essay Writing Competition 2010

Directorate of Student Affairs BUIITEMS organized "The Inter Departmental Essay Writing Competition" in Seminar Hall, Takatu Campus on 19th November 2010. The contest was bilingual and more than 30 students from different departments participated in the contest. The winners of the competition were:

English:

- ❖ Ms. Sajida Ali BS(Biotechnology)
- ❖ Mr. Kaleem Tareen BS(Computer Engineering)
- ❖ Mr. Muhammad Amaan (MBA)

Urdu:

- ❖ Mr. Muhammad Baqir BS(Economics)
- ❖ Ms. Fareena Khan BS(Computer Science)
- ❖ Ms. Kaneez Raza BS(Biotechnology)



END-OF-THE-YEAR TRIUMPH BY BUIITEMS STUDENTS.

The N@STEC competition was organized by NUST School of Electrical Engineering and Computer Science (SEECs), Islamabad at NUST Institute of Information Technology from December 31, 2010 to January 02, 2011. About 180 Institutes from Pakistan participated in this mega event. BUIITEMS was the only university which participated in the event from Balochistan.



Department of Information Technology and Department of Telecommunication Engineering of the Faculty of Information and Communication Technology (FICT) took part in this competition. There were various competitions in which BUIITEMS students took part. The titles of competitions are given below:

1. Scavenger Hunt:

In this Competition teams from 180 Institutes took part out of which only five Teams were selected for the final round. BUIITEMS Students were on top even in the first round.

In the second round BUIITEMS, PIEAS, NTU, NUST SEEC and RCVI NUST were competing. In the final competition BUIITEMS got 1st position.

The students named below participated in Scavenger Hunt competition:

- ❖ Nouman Saleem
- ❖ Mujtaba Hassan
- ❖ Hassan Farqaleet
- ❖ Yasir khan
- ❖ Arsalan Bashir

2. Video Competition:

In this competition 190 videos were submitted in 1st round out of which only 8 were selected for final round. BUIITEMS student were selected in top 8. BUIITEMS students got a great response from audience as well as from judges for their depth of vision.

In final BUIITEMS got 4th position in video competition.

The following students participated in video competition:

- ❖ Bilal Marri
- ❖ Umair Ghorri
- ❖ Omaid Dar



SPORTS GALLERY



All Pakistan “Zone G” Badminton Championship

The All Pakistan (Zone G) Badminton Championship was held under the auspices of the Higher Education Commission on the Badminton Courts of the University of Balochistan from 10th-12th March, 2010. A total of 6 teams from all over Pakistan participated in the tournament. The participating institutions were:

- ❖ Karachi University
- ❖ University of Balochistan
- ❖ Iqra University, Quetta
- ❖ Lasbela University of Agriculture, Water & Marine Sciences.
- ❖ NED University, Karachi
- ❖ BUIITEMS, Quetta

The tournament was played on league system. BUIITEMS secured third position in the tournament.



All Pakistan Football Tournament

The All Pakistan Football Tournament was organized by Aga Khan University, Karachi from April 6-20, 2010. A total of 22 teams from different universities of Pakistan participated in the event. The initial round was played on league basis, and the remaining matches were played on knockout basis. The first match of BUIITEMS football team was against the team of IBA. BUIITEMS won the match by 2 goals. The next match was with NED which ended in a draw. At the end of the tournament, the team from BUIITEMS stood 5th out of the 22 participating teams.



5th Inter Departmental Basketball Tournament



The 5th Inter Departmental Basketball Tournament was held from 3rd -8th May, 2010. The qualifying rounds were played on league basis and a total of 8 teams were selected for quarter finals which were played on knock-out basis. The winning teams for both competitions were:

Basketball (Boys):

Final was played between BS (Petroleum & Gas) and BS (BA) and BS (P&G) won by scoring 26 points to 19.

Basketball (Girls):

The City Campus team won the final against Takatu Campus.

Inter Departmental T-20 Cricket Tournament, 2010

The 2nd Interdepartmental T-20 Cricket Tournament, BUIITEMS was played on Takatu Campus ground from June 20-July 20, 2010. Honorable Vice Chancellor, BUIITEMS, Engr. Ahmed Farooq Bazai inaugurated the tournament.

In his inaugural address, the Vice Chancellor focused on the important role of sports in grooming and polishing the character of youth. Eighteen teams from various departments took part in the initial round and nine of them qualified for the quarter finals, which were played in four groups.

The thrilling encounters throughout the tournament created great enjoyment and refreshed the spirits of the players and the spectators to a great extent.



BUIITEMS Football Team Qualifies For the Final Round.

All Pakistan Inter University Football, Zonal Championship was held on the football ground of the University of Baluchistan from October 25-28, 2010. Tournament was organized by Higher Education Commission. There were six teams in zone 1.

1. University of Baluchistan (UoB)
2. Lasbela University of Agriculture, Water & Marine Sciences (LUAWMS)
3. Baluchistan University of Information Technology, Engineering and Management of Sciences (BUIITEMS)
4. Baluchistan University of Engineering & Technology, Khuzdar (BUET)
5. Iqra University, Quetta
6. Al-Hamd University, Quetta



The top two teams of the Zone 1 tournament were BUIITEMS and University of Baluchistan. Both qualified to play in the Final round to be held at NED University Karachi in January 2011. Top 16 teams from 8 different zones of Pakistan would be competing for top honours in the final round of the All Pakistan Inter University Football Championship 2010-11.

All Pakistan Intersarsity Table Tennis championship 2010-11 (Zone-I)

The all Pakistan Intersarsity (Zone-I) Table Tennis Championship was held under the aegis of Higher Education Commission at the University of Balochistan Gymnasium from 8th – 9th November, 2010. Five teams from Balochistan participated in the Tournament.

The participating institutions were;

- ❖ University of Balochistan (UoB)
- ❖ BUIITEMS , Quetta
- ❖ BUET , Khuzdar
- ❖ IQRA University
- ❖ Alhamd University

BUIITEMS team comprised Syed Saqib Ali (Captain), Ashfaq Khan, Rafi ullah, Yasir Khan and Sabir Kasi (Manager). BUIITEMS and BUET, Khuzdar qualified to play in the final round of the All Pakistan Inter University Table Tennis Tournament.



All Pakistan Intersarsity Body Building Championship 2010-11

All Pakistan Intersarsity Body Building Championship 2010-11 was held at University of Veterinary and Animal Sciences Lahore from 10th -11th November, 2010. 56 players from 30 universities participated in the event. BUIITEMS team also participated in the championship and the team comprised:

- ❖ Dilawar Khan
- ❖ Arsalan Khan
- ❖ Shehryar Khan
- ❖ Asfand Khan

Dilawar khan of BUIITEMS got 4th position in All Pakistan senior category out of 56 players and he was selected for the HEC All Pakistan Universities team. Mr. Arsalan of BUIITEMS got 6th position in +75 kg weight category.





Planning & Projects



BUIITEMS is a comparatively new university established in 2002 but it is one of the most promising and rapidly growing universities of the country. The pace of development works was not only maintained according to the needs of growth, it was rather accelerated in 2010.

IQBAL HALL

The building is a part of the Project “Development & Capacity Building of BUIITEMS”. The total covered area of the building is 62400 sq ft comprising three floors which now accommodate the Faculty of Life Sciences & Informatics and the Faculty of Arts and Basic Sciences. The Iqbal Hall provides ample space for academic activities at Takatu Campus.



The following facilities are available in the building.

❖ Faculty Offices	54
❖ Class Rooms	09
❖ Cafeteria	01
❖ Conference Hall	01
❖ Fine Arts Studio	02
❖ Laboratories	12
★ Plant Sciences Lab	
★ Health Biotechnology Lab	
★ Molecular Biology Lab	
★ Plant Tissue Culture Lab	
★ Nutrition & Food Sciences Lab	
★ Microbiology & Immunology Lab	
★ General Lab	
★ Plant Physiology Lab	
★ Plant Medical Lab	
★ Natural Product Lab	
★ Computer Lab	
★ Physics Lab	



JINNAH HALL

The building has been constructed as a part of the Development Project “Construction of Student Hostel & Residential Area”. It consists of four blocks and each block has three floors.



Block ‘D’ has 54 rooms accommodating five administrative directorates of BUIITEMS:

- ❖ Directorate of Planning and Projects
- ❖ Directorate of Finance
- ❖ Directorate of Procurement
- ❖ Directorate of QA&E
- ❖ Directorate of HRD



Blocks 'A' & 'C' were constructed as female student and staff hostels with a common Dining Hall, Television Hall and Prayer Room in Block 'B'. Each Block has 27 rooms each capacious enough to accommodate four boarders.



LABORATORIES

Different Laboratories have been established in 2010 for Faculties of Engineering and ICT funded through the Development Projects.

Central Engineering Labs

The following Laboratories have been established under the Development Project "Central Engineering Lab"

- ❖ Thermodynamic. Heat. & sentry.
- ❖ Strength of Material
- ❖ Electricity & Electronics Lab
- ❖ General Geology Lab
- ❖ Fluid Mechanics & Hydrology
- ❖ Statics Lab
- ❖ Dynamics Lab
- ❖ Stress & Strain Lab
- ❖ Theory of Mechanics
- ❖ Material Testing
- ❖ Engineering Drawing





Development and Capacity Building

The Laboratories mentioned below have been established through Development and Capacity Building project.

- ❖ Engineering Geology lab
- ❖ Environmental Geology lab
- ❖ Hydro Geology Lab
- ❖ Geological Exploration Tools with the help of Information Technology.
- ❖ Control Instrument Lab
- ❖ Robotics & Automation Laboratory
- ❖ Printed Circuit Board Lab
- ❖ Semiconductor Characteristics & Testing Lab
- ❖ Microprocessor Lab



Telecommunication Lab



SYNDICATE ROOM, CITY CAMPUS

Vice Chancellor Secretariat and Syndicate room were expanded and renovated by wall panelling, construction of false ceiling and aluminum work at city campus of BUIEMS.



RENOVATION OF AUDITORIUM

Auditorium at City Campus is a facility for organizing seminars, holding functions and meetings. It was developed into a presentable form by adding enhanced audio visual facilities.



FRESH WATER SUPPLY SYSTEM

Drinking water distribution system was improved in 2010 by installing two tube wells, repairing overhead water tank of 150,000 gallon capacity and its distributing system at Takatu Campus.



CENTRAL HEATING SYSTEM

Quetta is situated in the cold zone of the country. Central Heating System was installed in the New Academic Building , OAG Hall and Main Library at Takatu Campus in order to provide comfortable educational environment on the campuses.



MEDICAL CENTRE

Medical Centre is centrally located at Takatu Campus, where health facilities are provided to the students and employees of BUITEMS. Funds for the facility were provided by Miss Raheela Durrani, Provincial Minister for Prosecution.



EXTERNAL DEVELOPMENT

A road has been constructed to link the newly constructed Fatima Jinnah Hostel, Iqbal Hall, Multi-purpose Sports Complex & Cricket Stadium with other blocks of the university.



A welcome board has been installed near the main gate of Takatu Campus as an attractive welcome feature of the university.



MULTIPURPOSE SPORTS COMPLEX

The construction of phase I of the Multipurpose Sports Complex is under way to provide the modern and latest sports facilities to students. It comprises a multipurpose hall, separate fitness centers for male & female students, a tuck shop and the reception lobby.



VICE CHANCELLOR'S SECRETARIAT, TAKATU CAMPUS

A reception desk and picture gallery of Chancellors & Vice Chancellors BUIITEMS have been developed in the Vice Chancellor's Secretariat.



BUITEMS

FINANCIAL OVERVIEW



Financial Highlights

In order to ensure that the university continues to grow and remain competitive, a plan was initiated to boost up revenue generation. The statutory bodies appreciated the proposal for sorting the ways and means to replenish financial resources to cater the financial needs. As the University is expanding, its appropriated strategic investment is increasing. Therefore, University's cash investment/ non-current investments have been increasing. The University has generated funds to initiate new academic programs, technological development, maintenance of infrastructure and increasing building capacity.

Annual Budget for the financial year 2009-10 was approved to the tune of Rs.302.445 million, but due to constraints of funds the said Budget was revised downwards to Rs.271.456 million. The financial books for the year 2009-10 were closed at an expenditure of Rs.248.318 million, by adopting effective austerity measures.

The earnings of the university in the year 2008-09 were Rs.76.721 million which increased to Rs.90.280 million during 2009-10. The major contribution in increased revenue was due to efficient financial management and enrolment of new students in newly established departments/programs.

Budget 2009-10

Code		Object Classification	Budget 2009-10 (Rs.)	Revised Budget 2009-10 (Rs.)
Major	Minor			
PAY & ALLOWANCES				
01		Pay		
S 1	0111	Pay of Admn Officers	9,382,000	7,800,000
S 1	0112	Pay of Admn Contract	6,880,000	5,000,000
S 1	0113	Pay of Admn Staff	8,498,000	7,850,000
S 1	0114	Pay of Faculty	45,500,000	30,000,000
S 1	0115	Pay of Faculty Contract	6,900,000	5,200,000
S 1	0116	Personal Pay	50,000	3,000
S 1	0117	Other Pay including Pension Contribution Deputationists	200,000	300,000
TOTAL			77,410,000	56,153,000
02		Allowances		
BUIITEMS	0211	BUIITEMS Allowance	28,785,000	21,100,000
S 2	0212	House Rent Allowance/Charges	33,510,000	21,750,000
S 2	0213	Utility Allowance	750,000	700,000
S 2	0214	Deputation Allowance	100,000	35,000
S 2	0215	Conveyance Allowance	7,300,000	4,200,000
S 2	0216	Dearness Allowance	1,000,000	1,000,000
S 2	0217	Medical Allowance	7,200,000	5,000,000
S 2	0218	Senior Post Allowance	305,000	100,000
S 2	0219	Orderly Allowance	575,000	200,000
S 2	0220	Entertainment Allowance	515,000	350,000
S 2 (a)	0221	Qualification Allowance	250,000	350,000
S 2 (a)	0222	Compensatory Allowance	2,080,000	1,850,000
Tech Sub	0223	Technical Subject Allowance	26,250,000	12,000,000
S 2 (a)	0224	Additional Work Allowances	1,000,000	1,200,000
S 2 (a)	0225	Hill Allowance	282,000	250,000
S 2 (a)	0226	Washing Allowance	256,000	150,000

S 2 (a)	0227	Dress Allowance	156,000	150,000
S 2 (a)	0228	Others	10,000,000	4,700,000
S 2 (a)	0229	20% Allowance of 2009	12,250,000	7,300,000
TOTAL			132,564,000	82,385,000
TOTAL PAY & ALLOWANCES			209,974,000	138,538,000

OPERATIONAL EXPENSES				
03		Purchase of Durable Goods		
S 3	0311	Transport	7,600,000	11,500,000
S 3	0312	Machinery & Equipment	7,500,000	20,690,000
S 3	0313	Furniture & Fixture	2,000,000	500,000
S 3	0314	Books	2,000,000	1,200,000
S 3	0315	Soft Wares	800,000	12,200,000
S 3	0316	Scientific Equipment for Labs.	1,000,000	700,000
S 3	0317	Others	500,000	650,000
TOTAL			21,400,000	47,440,000
04		Purchase of Consumable Goods		
S 4	0411	Consumable Material for Labs.	2,360,000	500,000
S 4	0412	News Papers & Journals	500,000	300,000
S 4	0413	Sports Material	1,200,000	10,000
S 4	0414	Stationery & Printing	3,500,000	5,600,000
S 4	0415	Uniform & Liveries	400,000	550,000
POL	0416	POL	7,500,000	6,800,000
S 4	0417	Others	300,000	300,000
TOTAL			15,760,000	14,060,000
05		Communication		
S 5	0511	Postage & Courier	500,000	500,000
S 5	0512	Telephone, Trunk Call & Fax	1,200,000	1,500,000
S 5	0513	Others	50,000	100,000
TOTAL			1,750,000	2,100,000
06		Repair & Maintenance		
S 6	0611	Machinery & Equipment	3,000,000	800,000
S 6	0612	Transport	1,500,000	1,500,000
S 6	0613	Furniture & Fixture	600,000	350,000
S 6	0614	Building & Structures	7,000,000	16,500,000
S 6	0615	Gardens	300,000	400,000
S 6	0616	Others	500,000	500,000
TOTAL			12,900,000	20,050,000
07		Utilities		
Gas	0711	Gas	2,200,000	9,000,000
Elect	0712	Electricity	7,100,000	12,000,000
S 7	0713	Water Charges	20,000	1,000
S 7	0714	Internet	500,000	320,000
S 7	0715	Hot & Cold weather Charges	1,000	1,000
S 7	0716	Others	100,000	50,000
TOTAL			9,921,000	21,372,000

08		Rent, Rates, Taxes & Fee		
S 8	0811	Rent Of Student Hostel	700,000	520,000
S 8	0812	Rent of Residential Building	50,000	1,000
S 8	0813	Rent of Office Building	10,000	5,000
S 8	0814	Bank Charges	300,000	100,000
S 8	0815	Audit Expenses	200,000	50,000
S 8	0816	Insurance of Vehicles	1,500,000	1,400,000
S 8	0817	Others	30,000	100,000
TOTAL			2,790,000	2,176,000
09		Training & Research		
S 9	0911	Feasibility Studies/Research/Surveys etc	3,000,000	250,000
S 9	0912	Trainings & Workshops	800,000	800,000
S 9	0913	Others	500,000	50,000
TOTAL			4,300,000	1,100,000
10		Other Expenditure on Commodities & Services		
S 10	1011	TA/DA	1,500,000	1,800,000
S 10	1012	Fair, Exhibitions Etc.	1,500,000	200,000
Publication	1013	Publicity, Advertisement & Publications	2,500,000	2,490,000
S 10	1014	Scholarships & Stipends	100,000	30,000
Visiting	1015	Remuneration to Visiting Faculty	4,500,000	5,000,000
S 10	1016	Cash Rewards for Meritorious Services/Bonus	800,000	1,000,000
S 10	1017	Expenditure for Campus at Hazar Ganji	250,000	50,000
S 10	1018	Conferences/Seminars/Symposia/Convocation etc	2,200,000	1,600,000
S 10	1019	Conduct of Examination	400,000	300,000
S 10	1020	Student Hostel Expenses	400,000	200,000
Contingencies	1021	Contingencies	1,200,000	3,500,000
Daily wage	1022	Daily Wages/Contingent Staff	4,000,000	3,600,000
S 10 (2)	1023	Janitorial Services & Material	500,000	350,000
S 10 (2)	1024	Entertainment	600,000	900,000
S 10 (2)	1025	Medical Reimbursement	400,000	300,000
Sports	1026	Sports/Students Activities	1,200,000	1,500,000
S 10 (2)	1027	Faculty/Bachelor Hostel Expenses	300,000	50,000
S 10 (2)	1028	Conveyance Charges	100,000	200,000
S 10 (2)	1029	Transportation of Goods	100,000	50,000
S 10 (2)	1030	Law Charges	500,000	200,000
Pay to Others	1031	Pay to Others for services rendered	600,000	1,300,000
TOTAL			23,650,000	24,620,000
TOTAL OPERATIONAL EXPENSES			92,471,000	132,918,000
GRAND TOTAL			302,445,000	271,456,000

Audit of BUIITEMS Accounts for 2009-10.

The BUIITEMS Accounts were audited by the Auditor General of Pakistan office for the year 2009-10. The audit report contained 15 audit observations. The Departmental Accounts Committee meeting was convened in January 2011, to discuss the Audit Report. The report was discussed and all the audit observations were settled. The audit authorities appreciated BUIITEMS efforts in the maintenance of financial discipline.

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