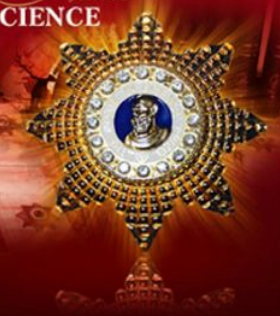




The Name
in SCIENCE

BUITEMS

Quality & Excellence in Education



REACH GOAL!
STICK TO IT
GET TO WORK
MAKE PLAN
SET GOAL

ANNUAL REPORT 2012



10 Years of Commitment, Devotion & Excellence..



Our Vision

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

Mission Statement

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

Our Goals

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

Our Core Values

Accountability: We are committed stewards of the human, fiscal and physical resources entrusted to us.

Diversity : We recognize that diversity leads to excellence, enhancing our teaching, scholarship and service as well as our ability to respect and interact with people.

Integrity : We practice honesty, truth and integrity in all that we do.

Respect: We treat each other with civility, dignity and respect.

Social responsibility: We contribute to intellectual, cultural, spiritual and economic well-being of the society.

Quality Policy Statement

BUIITEMS 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

Universities gain strength by the continuous hard work and dedication of its committed teachers, students and policy makers. BUIITEMS has acquired considerable academic strength and recognition by the sincere efforts of all those who took responsibilities as BUIITEMS family and team to restructure the overall academic system.

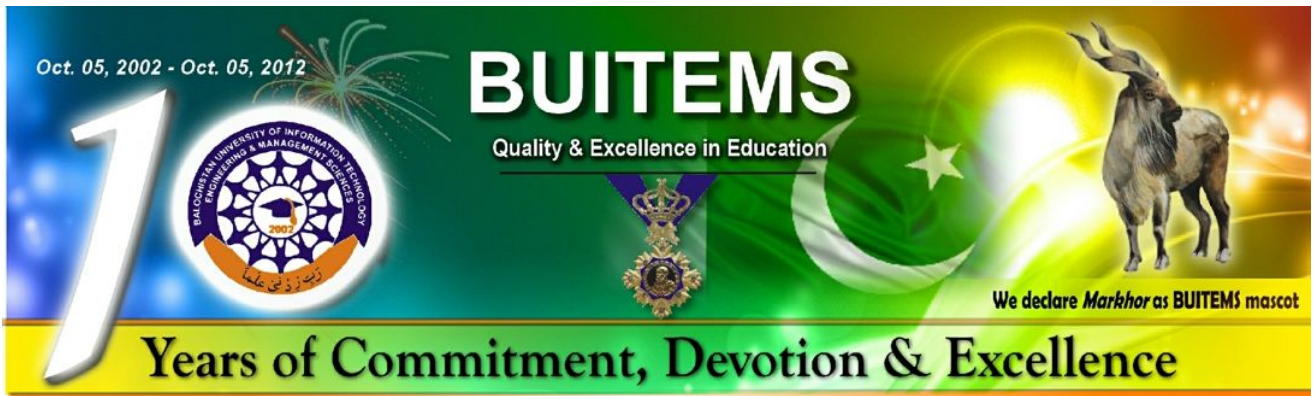
The year 2012 marked the completion of ten years of commitment and dedication, and brought a cascade of national and international recognition for the University with the vision of its leaders. The hard work and dedication of BUIITEMS family brought laurels, generally achievable in several decades. The decade marked the completion of an epoch of progressive and rewarding endeavors of academic excellence and quality education. Collective reflection of our performance and academic practices enabled us to open new avenues in the sublime edification of our system while restoring hope in the society.

BUIITEMS aims at providing world-class quality education by keeping the faculty and students abreast with advances in research and creation of new knowledge to meet the academic challenges of the contemporary world. Throughout these years, the missionary goal of the University has been supported by the friends of BUIITEMS. They stood by us in upbringing the youth with the objectives for playing their due role consistent with our goals as a university.

The universities have to identify their new strategic role in providing solutions to all problems faced by the nation. The stereotype education and related academic philosophies could not fulfill the requirement to address the socio-political, cultural and economic issues due mainly to the reasons like isolation of institutions, lack of adopting modern technologies of communication, intellectual

activity, rationale and objectivity. Public and private sector institutions need leaders, creators of new knowledge and original ideas for their development.

Universities therefore have to play a significant role towards these ends. We have introduced a trend of original thinking, adopting innovative approaches mandatory for the advancement of knowledge, and national and international progress. We shall keep on playing a catalytic role as a university to achieve the national, regional and global harmony.



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Ten Years of Commitment, Devotion & Excellence

Success as a concept in today's changing world is highly compatible phenomenon which requires equally compatible, well thought coordinated approaches at times requiring flexibility and acceptance for diversified world order, and also preserving valuable indigenous tradition without compromising on fundamental and universal goals of education.

The institutions move forward under the leadership of clear-sighted visionary leaders who understand the value of team work and empathy where impersonal assessment of situations is adopted. The shift from conflict to the resolution of conflict, authority for the acceptance of excellence and merit, wherever it may be and providing equal opportunities to all, both in education



and employment, is the key for the nation to get out of the vicious clutches of dependence and deprivation. The country has gems of talent scattered around beyond the borders of our own parochial affiliations of creed, clan and caste. BUITEMS has always been a torch bearer for the search of talent in addition to promoting altruistic humanitarian values and restoring hope in the society.

The geo-political location of BUITEMS and the milieu in which BUITEMS is gaining strength as an academic institution has always been acknowledged. We are not just the survivors; we are emerging as a premier seat of learning as a university. The secret of our success is that we take challenges as opportunities, emerging even stronger consequently.

While recapitulating the memoirs from our short history, we came across some contenting accounts and also a few tragedies which provided us with the opportunity to emerge as an inspirational success story which is also acknowledged through the international recognition which came along more prominently at the time of decade celebrations.



Our alumni, the Markhors, are proving their mettle in every walk of life around the globe.

We take every measure in providing an environment conducive to learning and personal grooming, while ensuring sense of social responsibility in our students.

Our faculty members are also provided with opportunities to enhance their skills through faculty development programs and trainings in research and teaching methodologies.



The University encourages participation of its faculty members in its management and governance. Senior professors and educationists are also part of our team who are significantly contributing in counseling and mentoring the young faculty.

It is worth mentioning here that BUITEMS is now emerging as a patron of entrepreneurship, leadership and productivity for the overall advancement of the country as a prosperous nation. We believe that our strategy of competing and progressing in the ever changing age of globalization and technological advancement will ensure Pakistan; its due place in the comity of nations.



BUITEMS SYNDICATE

BUITEMS Syndicate is the apex executive body of the University, assigned to take effective measures to raise the standard of teaching, research and publications and other academic pursuits and exercises general supervision over the affairs and the property of the University.



Chairman
Engr. Ahmed Farooq Bazai
Vice Chancellor
BUITEMS



Member
Ms. Sultana Baloch
Vice Chancellor, Sardar Bahadur
Khan Women University.



Member
Dr. Javed R. Laghari
Chairman, Higher Education
Commission Islamabad.



Member
Justice Jamal Khan MandoKhail
Judge Balochistan High Court



Member
Ms. Shama Parveen Magsi
Minister Govt. of Balochistan



Member
Shaikh Jaffar Khan Mandokhail
Member Provincial Assembly,
Balochistan.



Member
Mr. Fasih Iqbal
Ex-Senator and Editor Daily
Balochistan Times



Member
Aslam Shakir Baloch
Additional Chief Secretary
(Dev), Govt. of Balochistan.



Member
Mr. Dostain Jamalini
Secretary to Government of
Balochistan Finance Department



Member
Mr. Bilal Jamali
Secretary to Government of
Balochistan IT Department



Member
Dr. Muhammad Nawaz
Dean Faculty of Arts and
Basic Sciences, BUITEMS



Member
Prof. Dr. Dost Muhammad Baloch
Dean Faculty of Life Sciences
and Informatics, BUITEMS



Member
Prof. Dr. Ehsanullah Kakar
Chairman, Department of
Civil Engineering, BUITEMS



Member
Dr. Jamil Ahmed
Associate Professor, Biotechnology
and Informatics, BUITEMS

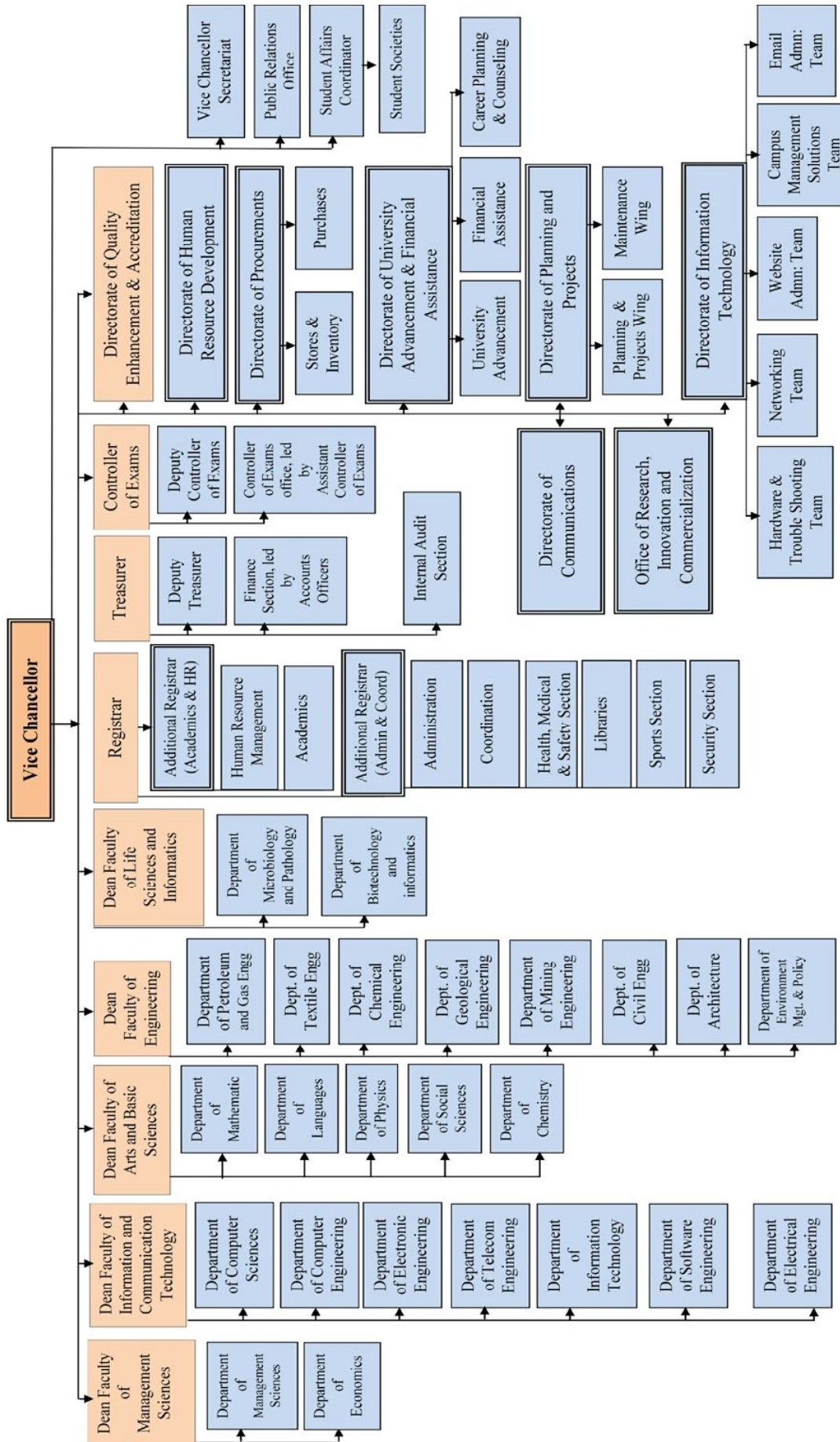


Member
Ms. Erum Shafi
Assistant Professor
Department of Economics
BUITEMS



Member
Ms. Shahnila Azhar
Lecturer Department of
Computer Engineering
BUITEMS

ORGANOGRAM OF THE UNIVERSITY





ISO 9001:2008 Certified



4th

ACHIEVEMENTS



BUIITEMS RANKED 4th BEST IN THE COUNTRY

BUIITEMS has been ranked 4th among the top universities of Pakistan in the category of Computer Science and Information Technology by Higher Education Commission. Being among top 5 Universities of Pakistan proves the authenticity of BUIITEMS's efforts as a set of combined endeavors that encompass various aspects of world-class educational excellence, including leadership, strategic planning, operational and administrative efficiency, staff and student welfare and development, and key results in the cognitive, social, moral, aesthetic and leadership domains, all of which are accorded weight in the HEC's ranking system.





Faculty Strength/Students on Roll



Detail of Teaching Positions

Faculty of Engineering

Name of Department	No of Faculty Members
Chemical Engineering	13
Textile Engineering	18
Mining Engineering	7
Geological Engineering	5
Petroleum & Gas Engineering	15
Civil Engineering	19
Architecture	11
Environmental Sciences	5
Total	93

Faculty of Information & Communication Technology

Name of Department	No of Faculty Members
Electronic Engineering	17
Computer Science	29
Computer Engineering	17
Information Technology	11
Telecom Engineering	17
Software Engineering	5
Electrical Engineering	6
Total	102

Faculty of Management Sciences

Name of Department	No of Faculty Members
Management Science	52
Economics	20
Total	72

Faculty of Life Sciences & Informatics

Name of Department	No of Faculty Members
Biotechnology & Informatics	22
Microbiology	9
Plant Sciences & Informatics	7
Total	38

Faculty of Arts & Basic Sciences

Name of Department	No of Faculty Members
Mathematics	13
Physics	7
English	16
Psychology	4
Islamic Studies	6
Chemistry	4
International Relations	9
Statistics	3
Sociology	3
Fine Arts	8
Mass Communication	3
Total	76
GRAND TOTAL (FACULTY)	381

Student Strength 2012-13

Program / Categories	Total till Fall-2012		
	Male	Female	Total
Arts / Humanities	9	8	17
Social Sciences (Bachelor)	244	25	269
Business / Management Sciences (Bachelor)	522	140	662
Business / Management Sciences (Masters)	481	161	642
Business / Management Sciences (PhD)	1	03	04
Computer / IT	400	46	446
Computer / IT (M Phil / MS)	51	17	68
Basic and Natural Sciences etc	375	133	508
Basic and Natural Sciences etc (M Phil / MS)	120	69	189
Basic and Natural Sciences etc (M Phil / MS)	33	06	39
Engineering <ul style="list-style-type: none"> • Civil Engineering • Petroleum & Gas Engineering • Chemical Engineering • Textile Engineering • Software Engineering • Electrical Engineering • Geological Engineering • Mining Engineering • Electronic Engineering • Computer Engineering • Telecom Engineering 	3090	104	3194
Total	5326	712	6038





Meetings



Faculty Development Review Committee Meeting

The 22nd and 23rd meetings of Faculty Development Review Committee were held on January 05, and February 7, 2012 respectively to review the progress of HEC funded Faculty Development Program. The Vice Chancellor chaired the meeting.



BUITEMS Development Projects Review



A meeting regarding BUITEMS Development Projects was held at BUITEMS Takatu Campus on February 8, 2012 under the chairmanship of Ahmed Farooq Bazai, Vice Chancellor.

Mr. Jalil Ahmed Advisor HEC, Mr. Naveed Shah Senior Program Manager HEC and Mr. Habibullah Deputy Director HEC Regional Office Quetta attended the meeting.

Meeting of Advanced Studies & Research Board, BUITEMS

The meeting of the Advanced Studies & Research Board of BUITEMS was held on April 27, 2012 under the chairmanship of the Vice Chancellor. Agenda items regarding graduate programs of studies, research proposals, research supervisors, external examiners and related matters were deliberated upon in detail and recommendations were made.



Meeting of BUITEMS Academic Council

A meeting of the Academic Council of the BUITEMS was held on 6th June, 2012 under the chairmanship of the Vice Chancellor. The Council considered academic matters including recommendations of BUITEMS Advanced Studies and Research Board, HEC’s proposal for Dual Degree Programme, Nomination of teachers on Board of Faculties, and recommendations of Board of Studies of different teaching departments of the University.



Meetings of BUITEMS Syndicate

Meetings of the Syndicate of BUITEMS were held on 14th June and 15th August, 2012 respectively under the chairmanship of the Vice Chancellor BUITEMS. Different academic and administrative matters of the University were taken up for discussion and decisions were made accordingly.



Institutional Scholarship Awards Committee (ISAC)

Meetings of the ISAC for HEC-Japanese Merit and Need Based Scholarship and HEC-USAID Scholarship were held under the chairmanship of the Vice Chancellor BUIITEMS.



Board of Studies Department of Management Sciences

The Department of Management Sciences conducted its Board of Studies on November 26, 2012 at Committee Room, City Campus. The Board discussed several academic issues regarding the Department and made recommendations accordingly.



The image features a central globe with a grid of glowing points and connecting lines, suggesting a network or data flow. The globe is set against a background of binary code (0s and 1s) and bokeh lights. The overall color scheme is warm, with orange and yellow tones. The word "Visits" is prominently displayed in the center of the globe.

Visits

D.G. NADRA Visits BUITEMS

Director General, National Database and Registration Authority, Balochistan, Col. (R) Anis Khan called on the Vice Chancellor, BUITEMS on February 27, 2012.

He appreciated the high standards of educational facilities provided to the students at BUITEMS. He termed BUITEMS as the torch-bearer of quality education.



PPL Delegation Visits BUITEMS



Mr. Asim Murtaza Khan, Managing Director, Mr. Sultan Maqsood, General Manager, and Mr. Kamal Khan Jadoon, Community Manager PPL called on Vice Chancellor, BUITEMS on March 26, 2012. During a briefing, on the occasion, the Vice Chancellor highlighted the role of BUITEMS in nation building and socio-economic growth of the country. Mr. Asim Murtuza Khan assured the Vice Chancellor of his full cooperation in research and development projects of the University and particularly those related to the domain of Petroleum and Gas Engineering.

Visits of Senior Management Course (SMC) Delegation

Senior Management Course participants visited BUITEMS on May 09 and November 20, 2012. Vice Chancellor emphasized the role of BUITEMS in preparing an educated youth force well-equipped with the knowledge needed for meeting the demands and challenges of the 21st century.



Secretary Higher Education Balochistan calls on VC

Mr. Sher Khan Bazai, Secretary to the Government of Balochistan, Higher Education called on the Vice Chancellor BUIITEMS on May 16, 2012. Mr. Sher Khan Bazai acknowledged the rapid growth of BUIITEMS as inspiring and exemplary.



TCF School Students Visits BUIITEMS

A group of 30 Students from The Citizen’s Foundation School visited BUIITEMS on May 28, 2012. The visiting students were taken on a round to different laboratories and departments of the University followed by presentations on Career Development and the importance of positive and constructive thinking in life.

The Vice Chancellor BUIITEMS, in his concluding remarks elaborated upon the significance of education in the development and prosperity of nations.



CCPO Quetta Visits BUITEMS

Mir Zubair Mehmood, CCPO, Quetta visited BUITEMS on June 28, 2012 with his team. He met the Vice Chancellor BUITEMS and discussed various security issues in Balochistan. He expressed grief at the loss of students' lives and the death of Assistant Professor, Mr. Mohammad Hussain in the bomb blast on university bus on June 18, 2012.



Chairman Fatimid Foundation Visits BUITEMS

Lt. Gen. (R) Moinuddin Haider, Chairman Fatimid Foundation, visited BUITEMS on September 18, 2012. The distinguished guest was briefed by the Vice Chancellor on various aspects of the University. Chairman Fatimid Foundation eulogized the outstanding work done by the Vice Chancellor and his team in exalting the image of the institution among national and international circles of education.



Ex Federal Minister for Education Visits BUITEMS

Ex Federal Minister of Education Ms. Zubaida Jalal visited BUITEMS on August 30, 2012. She was accompanied by Ms. Fareeda Nawsherwani and Ms. Bushra Rind, prominent social workers of Balochistan. Ms. Zubaida Jalal appreciated the leadership skills of the Vice Chancellor. Services of BUITEMS team were also appreciated in making BUITEMS a model institution in the country.

College Teachers Visits BUIITEMS

A delegation comprising 37 College teachers undergoing professional training at the Balochistan Academy for College Teachers (BACT), visited BUIITEMS on October 3, 2012.

The delegation was headed by Prof. Asif Akhtar, Director of the Academy. The group admired the achievements of the University.



Visit of National Computing Education Accreditation Council (NCEAC)

The National Computing Education Accreditation Council (NCEAC) team comprising Dr. Imdad Ali Ismaili, Pro-VC, University of Sindh, Jamshoro and Dr. Zaheeruddin Asif, Program Director, Department of Computer Sciences, Institute of Business Administration, Karachi visited BUIITEMS, for the purpose of Accreditation of BS (CS) and BS (IT) programs. The team evaluated the over-all working of the institution in respect of quality of education and academic standards.

Visit of Pakistan Engineering Council

The accreditation visit of Pakistan Engineering Council took place during 1st week of March 2012.

The PEC team visited various units of the Civil Engineering Department and thoroughly inspected the various labs and experimental equipment installed there.



Visit by Audit and Accounts Officers



A seventeen member team of senior Audit and Accounts Officers of Government of Pakistan visited BUIITEMS on December 7, 2012. The team was led by Mr. Bilal Majeed Director, Audit and Accounts Training Institute, Lahore.

The objective of the visit was to observe and record the financial affairs and the working of the institution which had risen to enviable heights within a short span of 10 years.





BUITEMS-Building Leadership



Project Competition of IEEE Student Branch BUIITEMS

Faculty of Information & Communication Technology, BUIITEMS hosted an Electronics Project Competition and a Seminar on 4th of January, 2012. The objective of the event was to motivate the engineering students to translate their innovative ideas into tangible projects.

Following the project display, a seminar was held in which IEEE membership for new students was floated. The seminar included an introduction to IEEE, benefits of membership and plans of IEEE BUIITEMS student branch.



National ICT R&D Funds (2012)

The following BS final year projects for the Faculty of Information and Communication Technology have been approved for funding.

- **PLC based GSM and PC Control Industrial Model**
Supervisor: Engr. Syed Aurangzeb
- **Power Development of Solar, Wind Energy and Automation System**
Supervisor: Miss. Mohdissa Barat
- **Walking Robot avoiding Obstacles**
Supervisor: Muhammad Arif
- **Design & Development of RF based Entrance and Attendance Controlled System**
Supervisor Engr. Waheeda Jabbar
- **Digital Video Broadcasting over LAN**
Supervisor: Mirza Amir Mahmood



BUITEMS Students Won Scholarship Awards

A leading global technology infrastructure provider and IT consultant TEXPO Group of Companies, UAE announced 25 scholarships for IT students of six state universities in Pakistan under a talent hunt program. The scholarships were awarded on merit. The following students from the department of Computer Engineering, BUITEMS were amongst the awardees of this scholarship.

- Mr. Sardar Alam
- Mr. Mohammad Akbar
- Mr. Shah Khalid



BUITEMS Student Artist Wins First Prize

Mr. Qasim Nabi, a student of the Department of Fine Arts BUITEMS got 1st prize in the painting competition held at Quetta Serena Hotel by the Organization for the Development of Youth (ODY) and Anti-Narcotics Force (ANF) on the topic of Drug Abuse.

Departments of Fine Arts from various universities participated in the competition.

Presentation Skills Competition 2012

Ms. Rukhsar Bibi, a student of BS (IR) and Ali Zain-ul-Abidin from BS (BA) participated in the Inter University Presentation Skills Competition 'Challenges Being Faced by Umat-E-Muslima and their Solutions' organized by Al-Mezan Society and University Law College, Quetta.



Tracking System Device Developed

Haris Ghaffar and Hassan Riaz, students of Computer Science from the Faculty of ICT developed a vehicle tracking device for combating motor bike and car lifting and gave a practical demonstration of their accomplishment before the Vice Chancellor on May 11, 2012. The students came up with a small anti car lifting device that can be introduced in the market for the benefit of the common man. The Vice Chancellor appreciated the efforts of students and offered them his full support for their future projects.



Ms. Farwa Kanwal Wins SUSI Scholarship

Farwa Kanwal, student of BS Mass Communication attended the SUSI program for women leaders at Green River Community College in Auburn, Washington.

She gained awareness about women's issues in different countries and worked with community organizations, such as the Auburn Food Bank. She also paid visits to Bill and Melinda Gates Foundation and World Vision.



Selection as an Anchor

Mr. Sana Salam the student of Mass-Communication was selected as an Anchor in PTV Centre Quetta.



Engr .Muhammad Akram Secured top position in MS

Engr. Muhammad Akram, a BUIITEMS alumnus as well as faculty member, completed his MS in Software Engineering in year 2012 securing top position in Faculty of Engineering Sciences and Technology (FEST), Hamdard University Karachi. In acknowledgment to this achievement, he has recently been awarded with a Gold medal in the convocation ceremony held at Hamdard University, Karachi. In addition to that he has also secured Fulbright Scholarship award and shall soon be embarking to US for his higher studies at the University of Central Florida.



TELS PROJECT- Authorship and Piloting

HEC and British Council launched a joint project by the name of 'Transforming English Language Skills' which is structured according to a need based analysis regarding the language proficiency of students as well as professionals.

In this connection Ms Sadiqa Ramzan from Department of English BUIITEMS was selected for the authorship of the basic modules. BUIITEMS was one of the 12 major HEI's selected for this purpose and the EAP module was launched immediately, making the project a success.



Summer School in Advanced Language Engineering

Dr Aftab Ahmed Shaikh from Department of Computer Science participated in the Summer School in Advanced Language Engineering organized by Kathmandu University (the host institution), the University of Konstanz, and University of Engineering and Technology (UET) Lahore, from August 24 to September 22, 2012. The objective of the summer school was to reinforce the area of Natural Language Engineering (NLE) in the region of South Asia. On the completion of the Summer School, the participants of the program were awarded certificates.



14th All Pakistan Allama Iqbal Inter-Varsity Debate Contest

The Allama Iqbal Shield Extempore Debate Contest was held on April 12, 2012, in HEC Auditorium Islamabad. A total of 30 student debaters from all the provinces of Pakistan participated in the bilingual extempore debate.

Ms. Javeeria Hafeez and Mr. Mohammad Bilal Iqbal represented BUIITEMS in the final round of All Pakistan Allama Iqbal Inter-University Debate. Ms. Javeeria Hafeez and Mr. Mohammad Bilal Iqbal were awarded shields and certificates, acknowledging their commendable performance in the competition.



Youth Mega Event

Department of Youth Affairs Balochistan organized a Youth Mega event from May 24-30, 2012.



Various competitions for the students were held as a part of the program. Students from BUIITEMS also participated in Naat, Qirat and Quiz Competitions.

Mr. Atta-ur- Rehman of BS (CE) got 1st position in the Qirat competition. Ms. Rukhsar Bibi of BS (Social Sciences) got 3rd position in the Quiz Competition. Ms. Sehrish Munir participated in the Naat Competition.



Community Building Approaches



TCF Rahbar Program

At BUITEMS we are actively engaged in community service in order to build an ethically sound society and to develop a sense of responsibility amongst the students both at the provincial and national levels. For this purpose four staff members of BUITEMS, Mr. Mohammad Shah Khan, Director UA & FA, Mr. Sameen Khan, Student Affairs Coordinator, Dr. Haji Gul, Medical Technician and Mr. Saad Khan participated in TCF Rahbar Program and worked voluntarily for seven Saturdays from April 13 to May 26, 2012 as mentors.



The volunteers, not only created awareness about the need of social services for the community members, they also led by example much for the motivation and stimulation of other participants.

Pink Ribbon Day Observed

Pink Ribbon Day was observed at BUITEMS on July 8, 2012. The objective of the event was to create awareness among the students and the general public about the need of early medical checkup in order to detect the symptoms of breast cancer among women.



The campaign focused on removing misconceptions and social taboos related to discussions on the subject.

Ration Distribution among Low Paid Employees.

BUITEMS in collaboration with Tanzeem-e-Idara Bahali-e-Mustehkeen (TIBM), a philanthropic non-government organization arranged and distributed Ration Kits amongst the low paid employees of the University in August 2012.



The Vice Chancellor appreciated the generous gesture of TIBM and exhorted all well-to-do people to discharge their humanitarian obligations of helping the poor and the needy.

A hand in a dark blue sleeve points towards a series of floating photographs on a blue background. The photographs include a hot air balloon, a globe, a landscape, and other scenic views. The background is a gradient of blue with decorative floral patterns on the right side.

Study Tours

MBA Final Semester

A study tour to Karachi was organized in February for the students of MBA under the supervision of faculty members Syed Raza Shah and Mr Mirwise Khan. The purpose of the tour was to visit the leading businesses and to avail the opportunity of applying theoretical knowledge to practical situations.

The students visited the following business facilities:

- Lucky Cements
- Hino Pak Motor Ltd
- State Bank of Pakistan



BS Information Technology

The student of department of Information Technology went for study tour in April 2012. The group visited a number of academic and research institutions in Lahore, some of them are:

- Ghost Software
- NetSol Technologies
- Xavor Pakistan
- Mind Storm Studios
- Cyber Soft
- UET Lahore
- NCA & Punjab University

BS Electronic Engineering

The students of BS (EE) went on a study tour to Islamabad in April, 2012. The students visited:

- PTCL exchange.
- HUAWEI Corporation
- National Institute for Electronics
- A.H Automation
- Chitral Hydro Power Turbine Texila

BS Computer Engineering

Departments of Computer Engineering organized a study tour for final year students (08–Fall Batch), during the month of May 2012, to Lahore and Islamabad. The tour was focused on visiting various Universities and Companies to provide a practical insight into the constraints and opportunities in the field of Computer Engineering. The students visited the following Universities and organizations:

- Comsats
- PTCL Lahore
- HAWAII
- NUST

BSBA Final Semester

The students of BS-BA final semester visited Islamabad in September, 2012 where they visited the renowned universities of Pakistan including:

- Quaid-e-Azam University Islamabad
- International Islamic University Islamabad
- PIDE Islamabad
- NUST
- National Defense University
- GOMAL University, Dera Ismail Khan.

BS Telecom Engineering

Students of BS Telecom (Fall-2008) visited Lahore, Islamabad and Haripur for Industrial learning study tour of the following institutions:

- Telecommunication Staff College Haripur,
- Telephone industry of Pakistan Haripur,
- National Radio Telecommunication Corporation Haripur
- ZTE Exchange Abbottabad, Gateway telephone,
- Intelligent Network, Next Generation Network
- Network Operation Center (NOC) Islamabad
- National Institute of Electronics Islamabad
- Regional NOC Lahore.



BS Chemical Engineering

Department of Chemical Engineering organized annual study tour for final year students in November 2012, to Lahore, students visited the following places:

- Institute of Chemical Engineering at University of Punjab,
- Dawood Hercules Chemical Limited Pakistan
- Akzo Nobel Group's ICI Limited Pakistan
- Packages Limited Pakistan.

BS Bio-Technology & Informatics and BS Microbiology

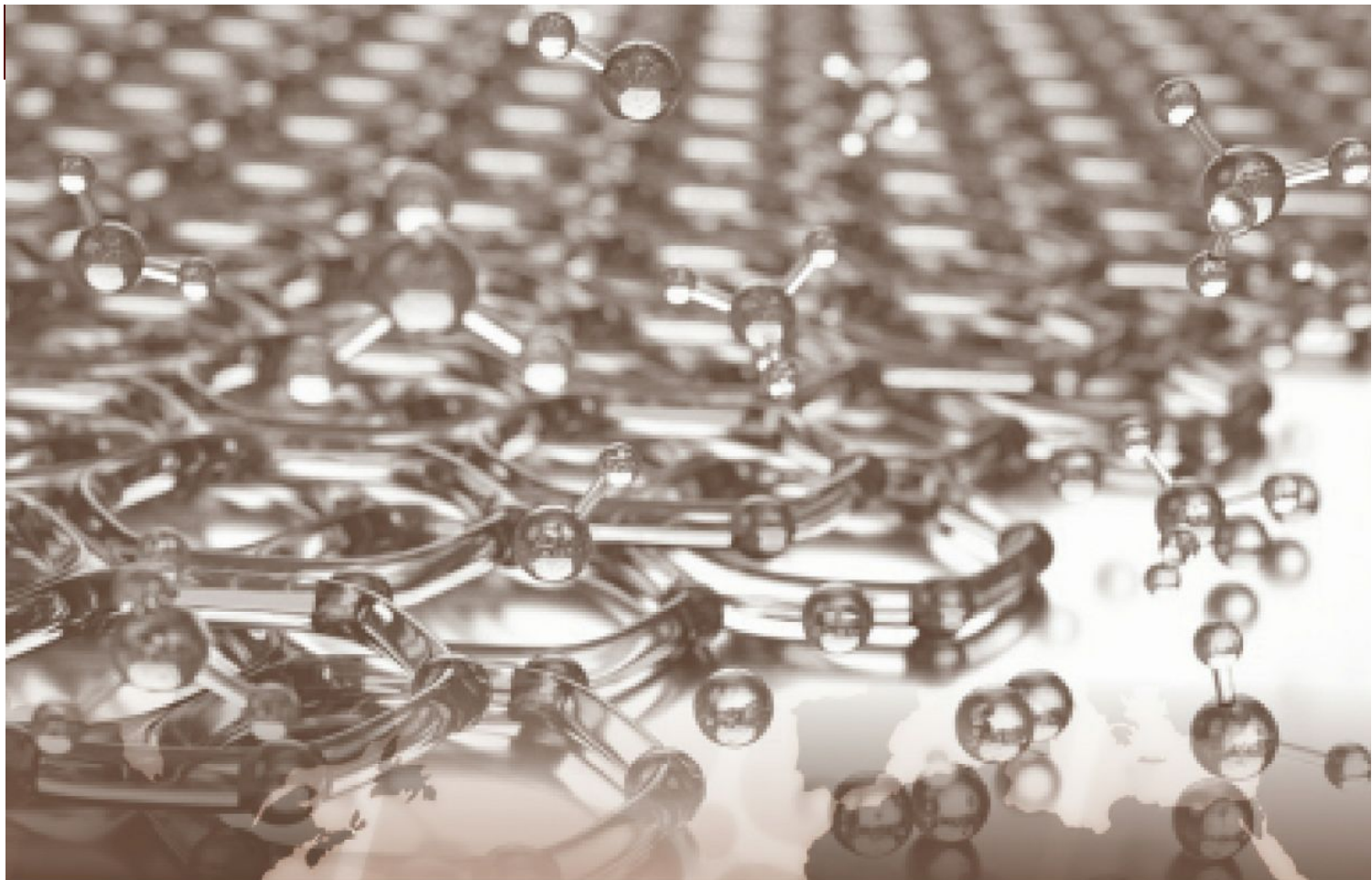
The students of BS Bio-Technology and BS Microbiology visited the following organizations for research and observation:

- Agriculture Research Institute
- Center for Advance Studies in Vaccinology and Biotechnology (CASVAB)



Students visit Geological Survey of Pakistan, Quetta

Department of Geological engineering arranged a tour to visit geological survey of Pakistan in December, 2012. The purpose of field visit was related to Rock mass study, Rock identification, different instruments of geophysics, different minerals, astrology study and paleontology.



Research & Development



Research Publications:

Research plays vital role in the development of a country by providing a surge of innovation imperative to industrial development and socio-economic uplift of the country. In this connection BUIITEMS has always been attentive to the needs of the society and tried to patronize the research projects, apt for the social requirements. The year 2012 was no different and with various infra-structural developments and the publication of our research journal, an atmosphere contributing to quality research and development has been developed. Academicians are provided with multiple facilities which enable them to find solutions for the loopholes in existing knowledge. At the same time we are striving for establishing collaborative relationships with other institutions for consistently discovering new solutions both for commercialization and qualitative purposes. In the year 2012, a number of faculty members published their research papers or presented in national and international conferences workable solutions related to science and technology, bio-technology & informatics, social & basic sciences and other disciplines.

RESEARCH PAPERS AT A GLANCE:

Online at <http://mpra.ub.unimuenchen.de/37075/MPRA Paper No. 37075,03. March 2012 / 15:37>

The nature, sources and the socio-economic effects of terrorism in Balochistan

Zaman, Nadeem Uz; Ghutai, Gul and Khan, Kaneez Raza

Online at <http://mpra.ub.uni-muenchen.de/37357 MPRA Paper No. 37357, posted 14. March 2012 / 19:21>

The contribution of NGOs to the cultural diversity: the case of Balochistan

Syed Raza Irfan Shah Zaidi, Gul Ghutai, Nadeem Uz Zaman

NPC Natural Product Communications 2012, Vol. 7 No. 2, 195 – 196

A Double-blind, Randomized, Clinical Trial on the Antileishmanial Activity of a Morinda citrifolia (Noni) Stem Extract and its Major Constituents

Fouzia A. Sattar, Fayaz Ahmed, Nadeem Ahmed, Samina A. Sattar, Muhammad A. K. Malghani, Muhammad I. Choudhary.

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Reproductive Biotechnologies in Dairy industry in Pakistan

M. A. Kakar, E. Kakar, M. N. Shahwani, M. Jan, A. M. Raza, J. Hassan, M. Saeed, S. Babar* and M. K. Baloch

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Particle Swarm Optimization For N-Queens Problem

Aftab Ahmed, Atiq Shah, et al.

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Logic formulation & evaluation of academic constraints

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Bespoke Set of Heuristics for Solving Curriculum Scheduling Problems

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Three Novel Approaches for Solving N-Queen Problem

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Employing Information Technology Infrastructure Library to Solve Cloud Computing Security Issues

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Reproductive biotechnologies in dairy industry in Pakistan

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CONFERENCE PRESENTATIONS

Dr. Faisal Khan

Faisal Khan, Yusun Chang, SungJin Park and John Copeland.

Towards guaranteed delivery of safety messages in VANETs.

IEEE Global Communication Conference (GLOBECOM) Los Angeles, USA. 2012.

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Introducing lane based sectoring for routing in VANETs.

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IEEE International Symposium on Personal Indoor and Mobile Radio Communications (PIMRC), Toronto, Canada. 2011.

Faisal Khan, Yusun Chang, SungJin Park and John Copeland.

Covering holes in VANET safety-message dissemination.

IEEE Conference on Wireless Information Technology and Systems (ICWITS), Hawaii, USA. 2012.

Faculty Research Projects

S. No	Principal & Co Investigator	Title of the Project	Funding Agency	Faculty
1	Dr. Abdul Wali	Identification of Genes Involved in Primary Microcephaly	BUITEMS	FLS&I
2	Dr. Agha Muhammad Raza	Assessing the Relationship between Periodotal Diseases and Ischemic Coronary Heart Diseases in local population of the patients of Quetta	BUITEMS	FLS&I
3	Dr. Nazeer Ahmed	Development of a detection system for rust resistance genes in Wheat (<i>Triticum aestivum</i>).	BUITEMS	FLS&I
4	Ms. Asma Yousafzai	Comparison of ELISA and RIA Techniques for the diagnosis of Hypothyroidism by detecting the level of Thyroid Stimulation Hormone (THS), T4 and T3 in different ethnic groups of Quetta city.	BUITEMS	FLS&I
5	Dr. Nazeer Ahmed	Detection of Rust resistance genes in barely (<i>Hordium vulgare</i> L) using molecular markers	BUITEMS	FLS&I
8	Ms. Imrana Niaz Sultan	Preliminary Phytochemical and Antimicrobial Screening of Some Ethno medicinal plant extracts of Balochistan, Traditionally used against skin infections	BUITEMS	FLS&I
9	Dr. Mohammad Saeed	Propagation of Geranium through direct Organogenesis for commercial utilization.	BUITEMS	FLS&I
10	Dr. Muhammad Naeem Shawani,	Establishment of Mushroom culture facilities for Research and commercial purposes.	BUITEMS	FLS&I
11	Dr. Jaffar Hassan,	Purchase of Chlorophyll Meter to Improve nitrogen management in field /green house for betel crop/ plant production.	BUITEMS	FLS&I

S. No	Principal & Co Investigator	Title of the Project	Funding Agency	Faculty
12	Dr. Nasir Mahmood,	Antimicrobial production from <i>Streptomyces</i> strains isolated from the soil of Quetta.	BUIITEMS	FLS&I
13	Ms. Imrana Niaz Sultan,	Optimization of protocol for high quality rose plants production and to determine factors affecting their adaptation to sustainable hydroponic culture under controlled environmental conditions	BUIITEMS	FLS&I
14	Mr. Naseebullah Kakar,	Molecular and Genetics Studies on Identification of Causative Genes/Loci Responsible for Hereditary Non-Syndromic Mental Retardation.	BUIITEMS	FLS&I
15	Dr. Hamdullah Khan Tareen	Active screen cage pulse DC plasma discharge	HEC	FABS



Student Research Projects

Department of Telecom Engineering

S.No	Student Name	Project Name	Supervisor
1	Sajid Masood, Kashif Ahmad Salman Mohammad, M. Sohaib, Kamal Shah	Spy Robot	Engr. Usman
2	Babar Alam, Uzair Ahmad, Salman Saleem, Bilal Ahmad	Speaker Recognition System	Engr. Tariq
3	Arsalan Hussain, Arsalan Ali, Atif Raza Shah, Irfan Shah, Shams Ud Din	GEPON Technology	Engr. Usman
4	M. Faizan Aziz, Saad Masood, Ahmad Ali Khan, M. Qasim, Salman Khan	Simulation of Band Notch UWB Planer Inverted F- Antenna	Engr. Bux
5	Wasim, M. Tayyab, Sajid Saeed, Noor Ullah Khan, Yalmaz Shams	Wireless Meshed Telephone Network	Engr. Usman
6	S. Anwar Ali Shah, Raham Badshah, M. Zahid, Naimat-ullah, Inayat-Ul-Haq	Remote Measurement of Blood Pressure, heart beating and temp Through GSM	Engr. Usman
7	Fahad Nawaz, Sikandar Ali, Yasir Arafat, Imdadullah M. Altaf Hussain	Wi-Fi control Robot	Engr. Jameel
8	M. Majid, Shujja Ahmad, Mehak Nida, Shaheer Nawaz Bugthi, Massood khan Kakar, Arsalan Hussain Awan	SMS Based Railway ticket reservation system	Engr. Bux
9	Arsalan Ali , Atif Raza Shah, Sham Ud Din	RF Jammer System With GSM Alerting	Engr. Bux
10	Syed Rashid Iqbal, Arihum Malik	Wi-Fi Network Simulation	Engr. Tariq
11	Arsalan Khan, M. Waleed Tariq, Zamrak Khan Achakzai	Online DBMS for Organization's use (PRCS)	Engr. Sibghatullah Bazai
12	M. Adrees, Fawad Furrukh, M. Asif Adil Waseem	Ultrasonic fuel monitoring system based on GSM	Engr. Mehdi

Department of Electronic Engineering

S.No	Student Name	Project Name	Supervisor
1	M. Yasir, Arsalan Ali, Suleman Akbar, Ranaimran Liaqat Ali Razzaq	Voice Recognition Robot	Engr. Jameel
2	Babar Khan, Adnan Khan, Afzal Khan	Zig Bee Based Home Automation System	Engr. Aurangzaib
3	Javeria Farooq, Khola Khan, Sehrish Moneer	Real Time HGR for Computer interaction	Engr. Mohadissa
4	Aziz Ur Rehman Adil, Taimoor Akhtar, M. Shahid, M. Arshad, ZahidIrfan	Heart Rate Monitor And ECG	Engr. Aurangzaib
5	MuntazirHussain, Mujtaba Mehdi, ZeeshanHaider, M. Rizwan, DanishZahid	Power development using solar & wind energy & home automation system	Engr. Mohadissa
6	Abdullah, Wahab Khan, Zafar HayatKhan, FawadGhani, Yasir Bilal	To Improve the power factor of Non Linear load with automatic capacitor bank	Engr. Mudassir
7	Rehman Alam, S. Mirwais Kamal, S. M. Ismail Shah, Fida Mohammad, S. NaveedUllah Shah	Intelligent walk through auto gate control	Engr. Arif
8	ShazaibJaz, Ahmad Ghani, Umair Tehsin, Ahmad Fawad, Noman Raheem	Misile Guidance System	Engr. Aurangzaib
9	InamUllah Jan, Taimoor Khan, Nasir Khan, S. Ashraf Ali	Implementation of Acoustic Echo cancellation in Matlab	Engr. Sara
10	Shahzad Imran, Allah Nawaz, Arsalan Saeed, Anum Tariq, Saliha Sidiqi	GPS Guided UAV for surveillance	Engr. Aurangzaib
11	Rauf Ahmad, Anwaar-ul-haq	Intelligent toll plaza system	Engr. Mohadissa
12	Shaheryar, Maqsood Khan, Ikram Shah, M. Billal Khan, M. Asim	Walking Robot avoiding obstacles	Engr. Shahrukh
13	Mirza Waseeb, Haseeb Ahmad Khan, M. Zeeshan, M. Shahbaz, Alamgeer Musa	GSM Based industrial security & control system	Engr. Mudassir

S.No	Student Name	Project Name	Supervisor
14	Hafiz Adnan, Hassham Ahmed, M. Shahid	Load Management at small grid station	Engr. Sara
15	Hafiz Naseer Afzal, S. Saqib Ali, Dawood khan, Ehsanullah, Ismail Khilji	GSM Monitoring of Tap Changing Transformer	Engr. Tariq
16	Tariq Aziz, Suleman Shahid, Nadeem Shah, Mudassir Abbasi	E-Tag System with vehicles Tracking & Entrusion detection	Engr. Sara
17	Zahid Hussain, Rohail Samad, S. Altaf Ali Shah	Comparative study of co-operative communication strategies	Engr. Jameel
18	Bilal Quershi, Sehrish Razzaq Shah,	PIEZO-Electricity	Engr. Saeed Magsi
19	Syed Naseeb Ullah	RFID&GSM based automatic Challan system	Engr. Aurangzaib
20	Syed Owais Athar, Syed Saad Bin Tariq, Khalid Farman Awan, Waqas Ahmed Bajwa, Khurram Habib	PLC based GSM&PC Controlled industrial Model	Engr. Mudassir
21	Sami Ullah Khan, Asfand Yar Khan, Faiza Tariq, Muhmmad Imran	LLS	Engr. Aurangzaib
22	Umair Tehsin, Shahzaib Ejaz Ahmad Fawad, Noman Rahim Ahmad Ghani	EVM (Electronic Voting Machine)	Engr. Aurangzaib



Department of Computer Engineering

S.No	Student Name	Project Name	Supervisor
1	Waseem Saeed, Mansoor Ahmad, Owais Malik, Fawad Ahmad, Shahbaz Hussain	Designing and Development of RF (Radio Frequency) Based entrance and Attendance controlled system	Engr.Arsalan-ul-haq
2	Shahzad Hussain, Haris Tariq, Shahnawaz Khan, Umer Maqsood	Performance comparison of Routing protocols over (UWB)	Engr. Sibghatullah Bazai
3	Khyber Khan, M. Aarif, ZainUllah, Zubair Ahmad, Abdul Karim	Hetrogenous Network	Engr.Shah Marjan
4	Zaheer Ahmad, Zeeshan Ahmad	School inter communication System	Engr. Shanila Azhar
5	Saifullah, Shahjahan, Jameel Mohammad	Autonomous Robot with artificial vision for pick and place	Engr.Shah Marjan
6	Javid Ali, Yasir Khan, S. M. Musa	DTMf Control Vechicle	Engr. Aadil Siddiqui
7	Zaheer Jan, Amber Muneer, Abdul Rehman Jami, S. Jahangeer Shah	WiMax	Engr. Abdul Samad
8	Abdul Samee, Junaid Javed, Ali Zia	R.E Generator	Engr. Waheeda Jabbar
9	Zaheer Jan, Abdur Rehman Jami, Amber Muneer, S. Jahanzeb Shah	Wireless Energy Meter	Engr. Sibghatullah Bazai
10	Inayat Shah, Afareen Khan, M. Hanif, Abdul Kareem	Single Board Computer	Engr .Amir Ali Abro
11	Zahir Ashiq, Qazi Junaid, Hafiz Ahsan	Maximum solar energy generator	Engr. Jameel Ahmed
12	Shahzad Ahmed, M. Rafiq, Qamar Abbas, Arif Hussain	A steamer control simulator and trainer	Engr. Arsalan-ul-haq
13	Asad Iqbal, Kashif Wakeel, Amin Ullah, Kashif Ur Rehman	Cell Phone Base Electronic Voting system	Engr. Shahrukh Riyaz
14	Iftikhar, S. Abdul Wakeel	RRM (Retailer Relationship Management)	Engr.Shanila Azhar
15	Zohair Aashiq, Qazi M Junaid, Hafiz IhsanUllah	Data Acquisition System through Sensors	Engr. Shahrukh Riyaz

Department of Computer Science

S.No	Student Name	Project Name	Supervisor
1	Baqir Ali, Hirra, Arshad, Mahin Essa, M. Muhtishim, Abdul Wadood Khan	Crazy Wheels	Siraj-ul-Munir
2	Zarak Khan, M. Owais, M. Owais M. Fahad	Image to Image search engine	Muhammad Junaid
3	Hassan Riaz, Hadis Ghaffar	Digital video broadcasting over LAN	Mirza Amir

Department of Information Technology

S.No	Student Name	Project Name	Supervisor
1	Ahsan, Junaid, Raza Ali	Online DBMS for Organization's use (PRCS)	Mehmood Baryal
2	Faryal, Saleem, Saima, Adil	Virtual tour of BUIITEMS	Syed Attique
3	Jamshed, Rahile, Manzoor,	Library Management System	Mazhar Ali Abro



Department of Management Sciences

Students Name	Project Name	Supervisor
Sohail Shah, Naseer Ahmad, Shabir Shah, Asad Khan	Impact of Exchange rate of Volatility on Export of Pakistan	Mr. Abdul Sattar Lecturer
Muhammad Imran Faiz, Wali Khan, Ghulam Raza,	Impact of Financial Ratios on the Price Earnings Ratio of Firms	Mr. Muhammad Asif Raz <i>Assistant Professor</i>
Sadaqat Ali, Abdul Baseer, Shah Faisal,	Testing the Volatility Clustering in Top 25 Companies of KSE 100 Using Capm	
Shahid Khan, Sheryar Khan, Jawad Khalid, Faheem Ahmad,	Nature and types of Organizational Conflict in Habib Bank Ltd, Quetta	Mr. Barkat Ali <i>Professor</i>
Nausheen Khan, Hina Naz, Syed Ali Raza, Sehrish Fatima,	The Problems and prospects of potential women entrepreneurs in Quetta	Mr. Adeel Anjum <i>Lecturer</i>
Shamaila Sohail, Virda Niazi Muhammad Waqar Akram, Kazim Raza Rizvi,	Causes of Stress and its effect on employee performance in Private Bank of Quetta	
Junaid Shahid, Ahmer Manan, Junaid Hassan, Javid Wahab	Preference to Different Teaching Methods, Public Sector Universities Quetta	Prof. Barkat Ali <i>Professor</i>
Syed Muhammad Hamayun, Syed Haroon Shah, Asad Ibrahim Khan, Asadullah, Mutahera Rizvi	The impact of deceptive Advertisement on Telecommunication Industry in Pakistan	Ghulam Mujtaba Junejo <i>Assistant Professor</i>

Students Name	Project Name	Supervisor
Yaseen Shah, Muzamil Shah, Kashif Ali, Fahad Hussain		Mr. Nadeem uz Zaman <i>Assistant Professor</i>
Adil Ali, Shoaib Kasi, Ali Raza, Saif - ur - Rehman		Mr. Nadeem uz Zaman <i>Assistant Professor</i>
Dilawar Khan, Mohammad Hussain, Anum Sheikh, Dilber Ali	A Comparative Study of NGO's supported Vs. non-supported School	Ms. Khalida Durrani <i>Lecturer</i>
Muhammad Ali, Jasim Rasheed, Asma Batool, Khuda Bakhsh,	The effect of Financial Aid on Academics Performance	Ms. Musarrat Karamat <i>Assistant Professor</i>
Muhammad Talha, Fizzah Erum, Zawar Iftikhar, Haris Waseem,	Challenges and opportunities for a woman entrepreneur in Quetta	
Mian Hammad Talaat, Adeel Ali, Mir Aimal Kasi, Momind Khan	Assessing the Economic Impact of Sukuk (WAPDA for Mangla Dam Raising Project)	
Abdul Munaf, Umair Maqbool, Rabia, Maria Hina,	Factors Influencing Investment Decision of Individual in Stock Market in Balochistan	Mr. Muhammad Asif Raz <i>Assistant Professor</i>
Aiman Javaid, Haneef Ullah Khan, Umar Maqsood, Muhammad Shehzad	The Impact of Dividend Announcement Stock Prices	
Masooma Safdar, Zakria Afroz, Waqas Ahmed	Credit Risk Assessment of Commercial Banks Operating in Quetta A comparison of guidelines by SBP	Mr. Abdul Sattar <i>Lecturer</i>
Arham Rahim, Mehboob Ali, Akram Aslam, Abid Ismail	Islamic Micro Finance a Pathway to poverty Alleviation	



Seminars, Symposia & Workshops



Seminars and Symposia

- Theme:** Seminar and Project Competition of IEEE Student Branch BUIITEMS Quetta
- Organized for:** To motivate the engineering students to translate their innovative ideas into tangible projects
- Venue:** BUIITEMS, Takatu Campus
- Held on:** January 04, 2012
- Organized by:** IEEE
- Coordinated by:** Prof. Dr. Aftab Ahmed Sheikh



- Theme:** Seminar on 'Social Problems of Pakistan; Causes, Consequences and Solutions'
- Organized for:** Students of BUIITEMS.
- Venue:** BUIITEMS, City Campus
- Held on:** January 11, 2012
- Organized by:** Students of BS (BA)
- Coordinated by:** Mr. Zafar Ullah



Theme: Seminar on Financial Statements of NGOs
Organized for: Students and faculty members
Venue: City Campus auditorium
Held on: January 27, 2012
Resource Person(s): Mr. Ikram-ul-Haq, Manager Internal Audit and Compliance, Mr. Abdul Kareem and Mrs. Humaira Farooq
Organized by: Students of MBA and BS (BA)
Coordinated by: Ms. Rukiya Magsi



Theme: Seminar on 'An Orientation of HEC Programs'
Organized for: Faculty and teaching staff
Venue: BUIITEMS City and Takatu Campuses
Held on: April 11 and 12, 2012
Resource Person(s): Mr. Habibullah, Deputy Director, HEC
Organized by: Human Resource Development
Coordinated by: Ms. Fakhra Ramzan



Theme: Seminar on 'Behavior Modification'
Organized for: Students of the Faculty of Arts & Basic Sciences
Venue: Takatu Campus
Held on: 25th May, 2012
Resource Person(s): Ms Anila Zafar, Mohammad Shah Khan, Azizuddin Agha
Organized by: Department of Social Sciences in collaboration with Student Affairs
Coordinated by: Ms Anila Zafar



Theme: Seerat Conference
Organized for: Student and faculty
Venue: Takatu Campus
Held on: 11th June 2012
Resource Person(s): Molana Anwar-ul-Haq Haqqani, Mufti Muhammad Rozi Khan, Mr. Muhammad Shah Khan
Organized by: Department of Islamic Studies
Coordinated by: Mr. Tariq Mehmood



Theme: Seminar on 'Challenges of English Language Teaching in Contemporary Times'

Organized for: Faculty and students

Venue: Takatu Campus

Held on: 14th June 2012

Resource Person(s): Prof Sultan Mehmood Niazi, Dr Feroz Qaiser Kasi and Mr Naeem Nasir

Organized by: Department of English

Coordinated by: Ms. Sadiqa Ramzan



Theme: Quetta Youth Conference under the theme of 'Mera Pegham Muhabbat Hai

Organized for: Students from different institutions

Venue: Takatu Campus

Held on: June 2012

Resource Person(s): Muhammad Shah Khan, Umair Jhaliawala, Dr. Jawad Babai

Organized by: ODY

Coordinated by: BUIITEMS Student Affairs



Theme: Workshop on 'Structural Analysis employing Finite Element Numerical Approach with Solid Works'

Organized for: Faculty of Engineering

Venue: Takatu Campus

Held on: September 28, 2012

Resource Person(s): Mr. Arshad Ali

Organized by: Department of Civil Engineering

Coordinated by: HRD



Theme: Seminar on Fostering Business Sustainability for Competitiveness in Pakistani SMEs

Organized for: Faculty members

Venue: City Campus

Held on: October 25, 2012

Resource Person(s): Dr. Abdul Raziq, Ms. Mussrrat Karamat, Mr. Ghulam Mujtaba Junejo, Ms. Ammarah Ahmed, Mr. Mohammad Shah Khan

Organized by: Department of Management Sciences

Coordinated by: Directorate of HRD



Workshops

Theme: IELTS Training
Organized for: Scholarship awardees Australian Development Scholarship (ADS)
Venue: City Campus
Held on: January 17, 2012
Resource Person(s): Prof. Sultan Mahmood Niazi, Mr. Naeem Nasir, Engr. Abdul Wahab
Organized by: Prof. Sultan Mahmood Niazi
Coordinated by: Ms. Fatima Moin, Team Leader, Australia Awards



Theme: 'TCF Rahber Program'
Organized for: students and Faculty
Venue: Takatu Campus
Held on: March 27, 2012
Resource Person(s): Miss Shazia Kamal, Mr. Mohammad Shah Khan
Organized by: BUIITEMS Students Affairs
Coordinated by: The Citizens Foundation (TCF)



Theme: Workshop on “Ensuring Training Effectiveness”
Organized for: Faculty members
Venue: University of Balochistan
Held on: March 29-31, 2012
Resource Person(s): Ms. Rukiya Magsi, Ms. Bushra Wazir
Organized by: University of Balochistan
Coordinated by: HEC



Theme: Workshops on “Career Development”
Organized for: Final Year Students
Venue: BUIITEMS City Campus, Takatu Campus
Held on: May 15, 2012 and May 16, 2012
Resource Person(s): Mr. Mohammad Shah Khan
Organized by: Career Services Office
Coordinated by: Directorate of UA & FA



Theme: **Workshop on Entrepreneurship**
Organized for: Students from BUIITEMS, SBK Women University and University of Balochistan
Venue: Takatu Campus
Held on: 18th April, 2012
Resource Person(s): IBA Karachi Faculty members
Organized by: Between Faculty of Management Sciences and Student Affairs
Coordinated by: IBA Karachi



Theme: **Training Course on Microsoft .NET Software Development**
Organized for: Faculty members
Venue: Takatu Campus
Held on: June 07-11, 2012
Resource Person(s): Mr. Basharat Hussian from TEO International
Organized by: Directorate of Human Resource Development (HRD)
Coordinated by: Departments of Computer Science



Theme: Faculty Professional Development Program
Organized for: Faculty members from public and private sector universities of Pakistan
Venue: HEC Islamabad
Held on: April 3 to June 2, 2012
Resource Person(s): HEC master trainers
Organized by: Learning Innovation Division HEC
Coordinated by: LID



Theme: CPD Short Courses Series “SEISMIC DESIGN & DETAILING”
Organized for: Faculty members
Venue: PEC Quetta
Held on: September 10, 2012
Resource Person(s): PEC Engineers
Organized by: Pakistan Engineering Council
Coordinated by: Department of Civil Engineering



Theme: Master Trainer's Workshop for the 'Transforming English Language Skills' (TELS) Project

Organized for: Master Trainers

Venue: HEC Islamabad

Held on: Sep 10-14, 2012

Resource Person(s): TELS Authors

Organized by: HEC & British Council

Coordinated by: Lina Adnolfi & Helen Peters



Theme: Course on 'Computer Aided Analysis & Design of Multi-storeyed Buildings for Quetta'

Organized for: Engineering Faculty

Venue: Takatu Campus

Held on: October 18, 2012

Resource Person(s): Yasir Mehmood Cheema

Organized by: Directorate of HRD

Coordinated by: PEC



- Theme:** Workshop on ‘Mastering Qualitative Research Methodology and Analyzing Qualitative Data using SPSS and NVIVO’
- Organized for:** faculty members
- Venue:** Takatu Campus
- Held on:** 26th and 27th September, 2012
- Resource Person(s):** Dr. Liz D. Molina, from Harvard University, USA and Mr. Jonna Chrzanowska
- Organized by:** Department of Survey and Data Management, Government of Pakistan
- Coordinated by:** Directorate of Quality Enhancement & Accreditation (QE&A)



- Theme:** Workshop on “Ensuring Training Effectiveness”
- Organized for:** Faculty members of Pakistani universities
- Venue:** AIT, Thailand
- Held on:** November 26- December 14, 2012
- Resource Person(s):** AIT Faculty
- Organized by:** AIT Extension, Bangkok
- Coordinated by:** HEC





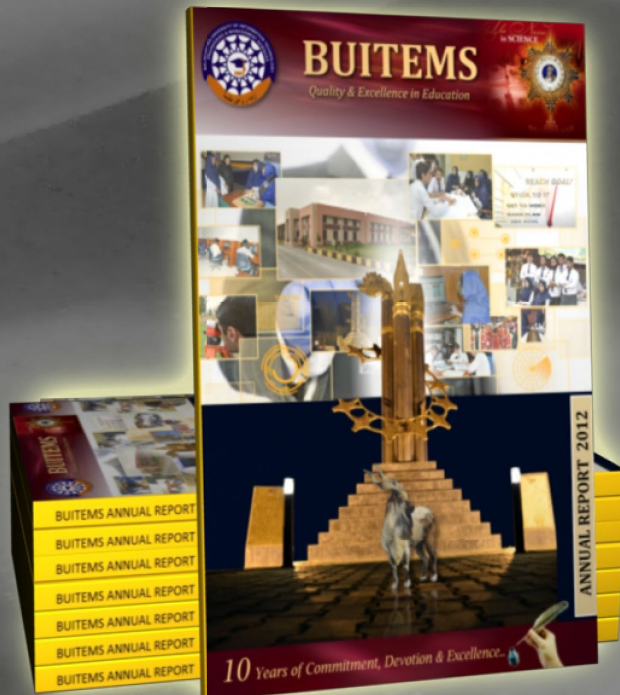
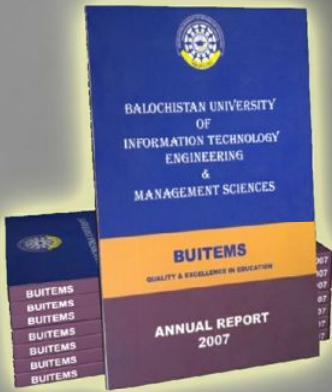
BUIITEMS Publications



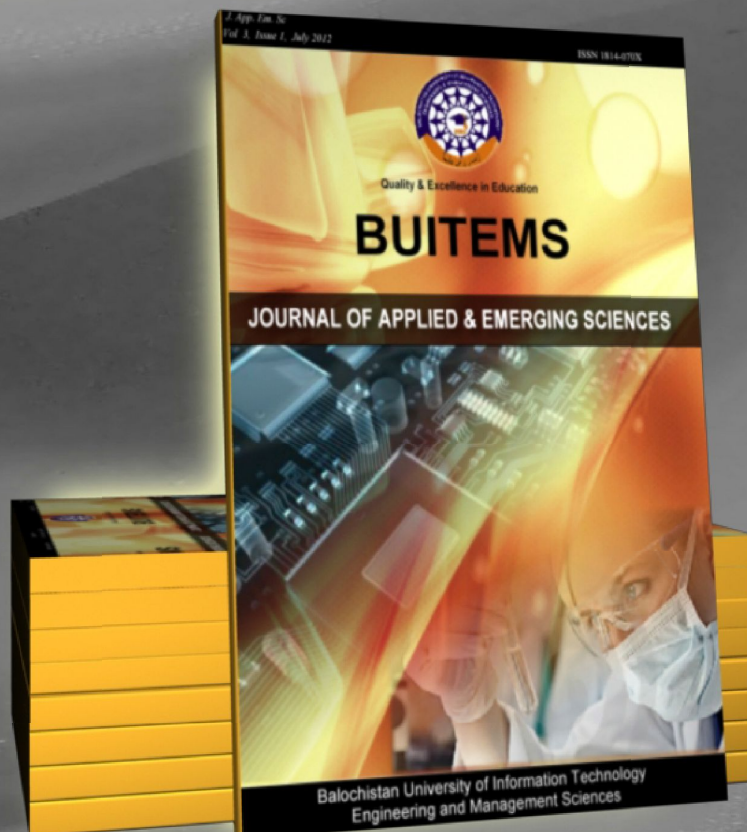
Newsletters



Annual Reports



Research Journals



Research Journal

Volume 3- Issue I

Ayesha Manzoor, Sundus Sial, Faiza Manzoor and Anwar-ul-Haq
The Schema as the Predictor of Depression among the Adolescents

Abdul Qadeer, Adnan Aftab, Imran Nazir
Optimization of Energy Consumption during Natural Gas Dehydration

H. U. Khan, Anees ur Rahman, Fazli Manan
To Study the Basic Concepts of Monte Carlo Simulation by Calculating the Value of Π

Muhammad Zubair Khan
Statistical Analysis of the macro-economic Variables affecting the profitability of Commercial Banks of Pakistan

Ayesha Arsha, Muhammad Naeem Shahwani, Asma Yousufzai, Fazl-ur-Rehman, Muhammad Asif, Nazeer Ahmed,
Comparative Genome/Proteome Analysis of Four Serotypes of Dengue Virus Using Bioinformatics Tools

H.M.Noor ul Huda Khan Asghar, Z. A. Gilani, M.S. Awan, I. Ahmad, Q. Wahab and M. Asghar
Characterization of Sic by Means of C-V Measurement of Respective Schottky Diode by DLTS

Noor Ahmed and Nazakat Ali
Reduction of Fibrillation of Lyocell Fabric in Continuous Dyeing

Faisal Khan, Yusun Chang, SungJin Park, Ehsanullah Kakar, John Copeland
Handshaking vs. Instant Broadcast in VANET Safety Message Routing

Nazakat Ali and Noor Ahmed
Orange Peel as an Adsorbent for the Removal of Reactive Blue Dye from Textile Waste water.

Abdullah Rasheed Qureshi, Adnan Aftab, Zaheer Kasi, Abdul Sami Gahejo Abro
Investigating the Mechanical Properties and Drill-ability of Rocks

Asma Yousafzai, Saima Saleem, Nusrat Jahan, Fariha Javed, Muhammad Waseem Khan, Razia Kanwal
Extraction Of Active Components Of Aloe Vera To Treat Acne/Pimple

Usman Azhar
Effects of Trade Liberalization on Economic Growth of Pakistan

Faisal Khan, Yusun Chang, SungJin Park, Ehsanullah Kakar and John Copeland
Introducing Lane Based Sectoring for Routing in VANETs

Muhammad Hashim, Ali Nawaz Mengal
Flow Dynamics of Two Phase (Air and Water) Stratified Flow by a Simulation Package COMSOL MULTIPHYSICS

Babaev VN, Shmukler VS, Feirushah SH, Kalmikov OA, Zinchenko VM, Ehsanullah
Rational Design of Retaining Walls





Directorates

Directorate of Information Technology

The Directorate of Information Technology at BUIITEMS, divided into five main domains namely System Administration, Campus Management Solution (CMS), Network Administration, E-mail Administration and Video-Conferencing, Administration works as a team to facilitate the University faculty and administration through extending technical support. During the year 2012 Directorate of IT performed a number of important tasks as elaborated below:



System Administration

- Purchased new computers for the use of faculty, admin staff, and for telecommunication lab along with the establishment of a new computer lab with wireless networking solution and named as Multiprotocol Computing Lab.
- DLP multimedia projectors were installed in various class rooms and labs across the both campuses.
- A new SIEMENS 100 kVA generator was installed to provide power backup facility for datacenter and two sets of 8 kVA UPS American Power Conversion® were installed.
- Installation of interactive smart boards and symposiums to provide state of the art facility for briefings and presentations.
- Installation of wireless delegates units, speakers, amplifier and other accessories to provide complete sound system solution in training room , Takatu campus BUIITEMS.
- Biometric Time Attendance machines were installed for all the faculties and administration offices to register the log IN & log OUT timings of the employees.



Campus Management System (CMS)

- Continuous training sessions for capacity building of Deans/Chairpersons/Focal persons/Course instructors throughout the year.
- Issuance of System generated fee invoices from CMS for regular students to ensure transparency in fee collection process.
- Preparation of new reports and manuals for convenience of the stake holders.
- 1508 students were graduated through CMS.



Network Administration:

- Wireless connectivity between Takatu Campus and City campus was enhanced by installing airFibre wireless bridges.
- To ensure smooth and efficient internet traffic, CISCO manageable switches were installed in City and Takatu campuses. Various new projects of networking were realized in 2012 that include Multiprotocol lab, computer lab for admission office and executive block.
- Backup wired links were laid down to ensure availability of internet in various academic blocks.



E-mail Administration:

- New licenses were purchased for IBM Lotus notes and various software versions were updated.
- Trained newly inducted employees in the orientation session.

Video Conferencing Administration:

HD video conferencing facility was extended to the meeting room of Executive block.

Various courses and sessions were organized in Video Conferencing Facility during the year 2012.



Directorate of Quality Enhancement & Accreditation

Directorate of Quality Enhancement & Accreditation was established in 2006 and since then it is maintaining and continuously enhancing academic standards, enhancing students' learning, verifying that the existing programs meet their objectives and institutional goals by ensuring the Self Assessment Process in its academic programs regularly.

Directorate is responsible for the accreditation of all the Engineering Programs and ensures that the quality standards are being met.

In the year 2012, the following programs have been accredited by the National Computing Education Accreditation Council:

1. **BS Computer Science**
2. **BS Information Technology**

The Directorate also facilitated the Interim visit of Pakistan Council of Architects and Town Planners for its B-Architecture program, and National Business Education Accreditation Council for the accreditation of..

1. **Master of Business Administration**
2. **BS (Business Administration)**



Directorate of University Advancement & Financial Assistance

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 intend to build and maintain relationship based on fidelity and integrity to raise funds for advancement of BUITEMS. We strive to provide financial assistance to students as a way to increase access to higher education.

Financial Assistance Office

In the year 2012, BUITEMS maintained its tradition of providing financial assistance to its students. More than **2100 students** of BUITEMS received financial assistance in the form of scholarships, fee waivers and Work-study. In addition to the merit and need-based scholarships provided by BUITEMS, many other donors provide scholarships to BUITEMS students. Some of these donors include:



- | | |
|--|---|
| <ul style="list-style-type: none"> • USAID • JICA • HEC • NICT R&D Fund • Pakistan Bait-ul-Maal • Punjab Educational Endowment Fund • Professional Education Foundation (PEF) • Frontier Corps (FC), Balochistan | <ul style="list-style-type: none"> • Texpo Global • Fauji Fertilizer Company Limited, • Political Agent for Kurrum Agency • Tanzeem Idara-e-Bahali Mustahiqeen • Sui Southern Gas Company Limited • Duki Coal Mine Project • Alfalah Scholarship scheme • MP Fund |
|--|---|

Work-Study Program

BUITEMS is the first university in Pakistan to introduce Work-Study Program. In this connection, 175 slots per semester are reserved for the students applying for fee weaver in the form of Work-Study Scholarship Program bringing a grand total to 350 students per year. These students work in various sectors of the University under the supervision of administrative staff or the faculty members gaining experience along with monetary benefits.



BUITEMS Alumni

BUITEMS Alumni Data		
Degree Program	Male	Female
MBA	578	221
MBA (Banking and Finance)	116	41
Total	694	262
MS (Environmental Management & Policy)	29	3
MS (Economics)	4	1
MS (Biotechnology and Informatics)	27	23
MS (Electronic Engineering)	4	0
MS (Physics)	8	0
MS (Computer Sciences)	16	10
Total MS Count	88	37
BS (Business Administration)	422	165
BS (Social Sciences)	15	5
BS (Information Technology)	27	9
BS (Telecom Engineering)	130	17
BS (Chemical Engineering)	119	1
BS (Economics)	69	25
BS (Physics)	2	1
BS (Electronic Engineering)	336	20
BS (Textile Engineering)	137	7
BS (Petroleum & Gas Engineering)	201	5
BS (Computer Sciences)	152	43
BS (Computer Engineering)	188	36
BS (Biotechnology & Informatics)	92	108
BS (Geological Engineering)	18	0
BS (Mining Engineering)	11	0
BS (Civil Engineering)	57	0
Total BS Count	1976	442
	2758	741
Total Graduates		3499

BUIITEMS Partnerships

- **Japan International Aid Agency (JICA)**
 - Strengthening of BUIITEMS Engineering Programs through provision of equipment and trainings
 - Assisting BUIITEMS in getting accreditation of Washington Accord
 - Strengthening of BUIITEMS Career Services Office
- **University of Southern Queensland, Australia**
 - Fostering business sustainability for competitiveness in Pakistani small and medium size enterprises (SMEs).
 - Women Entrepreneurship
- **US Department of Commerce**
 - Pak-US Consultation on Technology Transfer under Commercial Law Development Program
- **Winrock International Institute of Agriculture Development**
 - Pakistan Agriculture Cold Chain Development Project
- **AusAID**
 - Consultancy to promote Australian Development Awards
 - Foundation trainings of the Australian Development Awards
- **SUPARCO**
 - Establishment of GIS Lab.
 - World Space Week Celebrations
- **Pakistan Institute of Management (PIM)**
 - BUIITEMS Executive Education Center
 - Professional Training Programs
- **Pakistan Council for Science and Industrial Research (PCSIR)**
 - Establishment of Lab
- **Institute of Business Administration, Karachi**
 - Global Entrepreneurship Monitor Research Program

Career Services Office

Career counseling is an ongoing activity. Career Advisors/ Consultants are available on appointment to help and address individual and group needs. The Career Services Office has maintained a database of the career advisors and Manager Career Services works as a liaison between students and career advisors. Counseling and advice is provided to BUIITEMS students in the following areas:



- Skills Assessment
- Personality Assessment
- Interest Assessment
- Stress Level Measurement
- Scope of Different Occupations
- Resume Critiques
- Mock Interviews Sessions
- Exploring Professional Career Development Opportunities

Career Workshops and Panels

The Career Services Office organizes a variety of pre-scheduled practical workshops, seminars and panels related to students' career development. In the year 2012, the following workshops/panel discussions on the following topics were conducted:

- Resume writing
- Interviewing skills
- Cover letter writing
- Entrepreneurship
- Stress management
- Job search strategies
- Consultative workshop for youth development
- Communication skills
- Professional etiquettes



Job Placement/On-Campus Recruitment

The Career Services Office has maintained an employers' database. The Office keeps informing the senior students and graduates regarding national and international job opportunities. Graduates' resumes are shared with the organizations as per the demand of the vacant positions.

On campus recruitment is also carried out on regular intervals. In the year 2012, 60 students were placed in the following organizations:

- Pakistan Air Force
- Egyptian Pakistani Telecommunication Services Company Pvt Ltd
- Pakistan Zarghoon Motors
- Interactive Group
- Wateen Pakistan
- Zong Pakistan
- Kay Chemicals
- SUPARCO
- USAID Energy Policy Project
- PSO
- Mobilink
- First Mile Consultants
- SMEDA



Students' Internships

In order to bridge the gap between students' theoretical knowledge and the actual business world, students at BUITEMS are required to undertake internships during their study programs.

<ul style="list-style-type: none"> • Pakistan State Oil (Karachi) • Oil & Gas Development Company Limited (OGDCL) • PPL • MOL Pakistan • Schlumberger Pakistan • Save the Children • SSGC • SMEDA • The Attock Oil Company Limited • Techno Petroleum (Pvt.) Ltd. • Pakistan Oilfields Limited • OMV (Pakistan) Exploration G.m.b.H. • Mari Gas Company Limited • Sprint Oil & Gas Services FZ-Pakistan • ZonG, Quetta • Telenor Quetta • Warid Quetta • Mobilink • Ufone Quetta • PTCL • SEHER • Taraqee Foundation • BEF • British Council • IUCN • Save the Children • UNDP • UNHCR • UNICEF • RAVI TEXTILE MILLS LIMITED • AL-NOOR SUGAR MILLS LIMITED • Pakistan Ordinance Factory Wah Cantt • Balochistan Workers Welfare • SOS Childers's Village Quetta • BURQUE • PPHI • Balochistan Community Development • Get Technologies • Idar-e-Falah-o-Behood • Youth Affairs Department • Bank Alfalah Ltd • National Bank Of Pakistan • Habib Bank Pakistan Quetta 	<ul style="list-style-type: none"> • State Bank of Pakistan 'SBP-BSC • QESCO • SUPARCO • Engro Fertilizer • SME Bank • Askari Bank • Civil Aviation Authority • Generation Company II, Giddu • Tarbela Dam, WAPDA, Swabi • National Transmission and Despatch company • Hyderabad Electric Supply Company • Mangla Dam Power House • Rawal Dam Power house • Habibullah Costal Power Plant • National Telecommunication Company • Mehran Textile Industry Shadadpur • Sistech Systems Karachi • Crescent Bhahuman limited Faisalabad • Interloop Textile Industry Faisalabad • Maqsood Textile Mill • Sapphire Textile Mills • Acro Textile Mills Multan • Amjad textile Mills • Azguard 9 textile Mills Raiwand • Reshmia textile Mills • Gadoon Textile Mills • Ahmed Textile Mills • Kohinoor Textile Mills Phindi • DG Khan Cement • Askari Cement Ltd(Wah) • Bestway Cement Ltd • Saindak Project Pakistan • Recodec Project Pakistan • United Bank Ltd • IDO • Serena Hotel Quetta • NRTC • Al Noor Sugar mills • Mehran Sugar mills Ltd • Weatherford • Attock Refinery Ltd • ICI Pakistan • DESCON Engineering
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BUIEMS Executive Education Center

Taking Individual & Organizational Performance to New Heights



BEEC

BUIEMS Executive Education Center



BUIEMS Executive Education Center (BEEC) is the first Center of its kind in Balochistan with a mission to partner with organizations to develop their human resource by providing practical corporate educational solutions to produce tangible results aligned with the organizations' strategy.

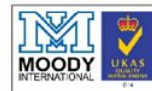
BUIEMS and Pakistan Institute of Management (PIM) have joined hands together to enhance the management skills of managers/officers and contribute positively to help foster better management practices in public and private organizations.

BEEC offers, in collaboration with **PIM**, a range of options to meet the specific needs of organizations and executives:

- **Customized Programs** for organizations are designed to strengthen executive skills in specific ways. Working with you, we create a curriculum tailored for your organization's unique mission, goals, and timelines, and the realities of your market and environment.
- **Open Enrollment Programs** enable individual professionals to build skills, expand networks and deepen business and leadership acumen. Topic areas range from leadership to successful negotiations, financial management to HR and strategic management.



| Reserve your seat today | Limited seats | Group discounts apply |



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Directorate of Sports

All Pakistan Intervarsity Table Tennis championship 2012, Zone – I

An All Pakistan Intervarsity (Zone-I) Table Tennis Championship was held under the Auspices of Higher Education Commission at the University of Balochistan from March 20 -22, 2012. BUITEMS got 1st position in the tournament and U.O.B secured 2nd position.

The team from BUITEMS comprised:

- Syed Saqib Ali (Captain)
- Waqas Ali,
- Nisar Ahmed
- Mian Hamad
- Masood Kasi (Manager)
- Muhammad Sabir Kasi (coach)



Mir Ghous Buksh Raisani Badminton Championship 2012

Mir Ghous Bukhsh Raisani Badminton Championship was held at the Government Girls College Quetta from May 26-June 3, 2012. The team was coached by Mr. Sabir Kasi, whereas, Ms Farah Durrani was the manager. BUITEMS secured third position in the tournament.

BUITEMS 8th Inter-Departmental Cricket, Basketball & Chess Championship 2012

- **Cricket Match (Men)**

Winner: BS (EE)
 Runner-up: BS (CE).
 Player of the Match: Mr. Adnan Rana

- **Cricket Match (Admin & Faculty)**

Winner: Administration (City Campus)
 Runner-up: Faculty (City Campus)



- **Cricket Match (Women)**

Winner: Takatu Campus
 Runner-up: City Campus
 Player of the Match: Ms. Fouzia Munir

- **Chess Final (Men)**

Winner: BS (EE)
 Runner-up: MBA

- **Chess Final (Women)**

Winner: City campus
 Runner-up: Takatu campus



- **Chess Final (Admin & Faculty)**

Winner: Mr. Irfan Shah (Deputy Registrar Academics)
 Runner-up: Mr. Mushtaq Mengal (Librarian)

- **Basketball (Men)**

Winner: BS (Arch)
 Runner-up: BS (Chem)

- **Basketball (Women)**

Winner: City Campus
 Runner-up: Takatu Campus



BUIITEMS 8th Interdepartmental Cricket, Badminton, Table tennis & Tug of war championship 2012, Men & Women from 15th to 25th of October, 10th Anniversary BUIITEMS 2012.

Faculty & Administration

- **Badminton (Female)**

Winner: Ms. Hafsa (CMS Focal Person)
 Runner-up: Ms. Basma (E-mail Administrator)

- **Table Tennis (Female)**

Winner: Ms. Basma (E-mail Administrator)
 Runner-up: Ms. Erum. (Lecturer FICT)

- **Badminton (Male)**

Winner: Adil Siddiqui (Lecturer FICT)
 Runner-up: Ajmal Khan (Lab Attendant)



- **Table Tennis (Male)**

Winner: Mr Hammad
 Runner-up: Aadil Siddiqui (Lecturer FICT)



Students

- **Badminton (Female)**

Winner: Miss Fouzia
 Runner-up: Miss Syeda Iqra (Chem Eng)

- **Table Tennis (Female)**

Winner: Miss Roshana
 Runner-up: Miss Sayeda Iqra

- **Badminton (Male)**

Winner: BS (CE)
 Runner-up: BS (Chem Eng)

- **Table Tennis (Male)**

Winner: BS (Civil Eng)
 Runner-up: BS (Chem Eng)

- **Tug of War (Male)**

Winner: BS (TE)
 Runner-up: BS (BA)



Cricket VC 11 Registrar 11

VC-11 won the match



Football Zone I

All Pakistan Intersarsity Football Championship (Zone-I) was held last year. The first round was organized by the University of Balochistan (UoB) on behalf of the Higher Education Commission Pakistan. Total four teams participated in the qualifying round of the tournament. The participating Universities were UoB, LUAWMS, BUITEMS and BUET Khuzdar. The qualifying teams for the finals were UoB and BUITEMS from zone (I). The Final Round was held under the Auspices of Higher Education Commission at the University of Punjab Lahore, from November 13 to 21, 2012. BUITEMS secured 6th position in the tournament. BUITEMS football team was headed by team manager Masood Ahmed Kasi and Coach Shoaib Baloch. The team captain was Sahab-ud-Din (BS Economics).



Directorate of Human Resource Development (HRD)

BUIITEMS has a comprehensive program for the development of its human resource. Directorate of HRD develops the key competencies that enable faculty and administration to perform better and plan learning activities.

The Directorate of HRD provided training in the following areas, in the year 2012:

- Teaching methodology
- Research methods
- Curriculum development
- Academic planning & management
- Assessment & evaluation
- Learners Psychology
- Communication skills
- Class management and time management
- Teaching as a profession
- Various short courses under continuing professional development.
- Academic Rules and Regulations



The following table shows the number of BUIITEMS faculty members who are pursuing their MS/PhD at various local and foreign Universities :

S. #	Scholarships funded Through	MS/ME/ Master M. Phil	MS Leading PhD	PhD	Post doc	Others	Total
1	Faculty Development Project	8	20	13	--	--	41
2	Fulbright	4	3	3	--	--	10
3	HEC Scholarship	8	5	6	2	1	22
4	Self- Finance	37	3	5	--	1	46
5	Others (China, Germany,S.Korea, Norwich, Australia etc)	4	--	4	3	--	7
	Total	52	11	18	5	2	130

The following table enlist BUIITEMS faculty members who completed their MS/PhD in 2012:

S #	Scholarships funded Through	MS/ME/ Master M. Phil	PhD	Total
1	Faculty Development Program		02	02
2	Fulbright	01	01	02
3	HEC Scholarships		01	01
4	Self-Finance	07	01	08
	Total	08	05	13

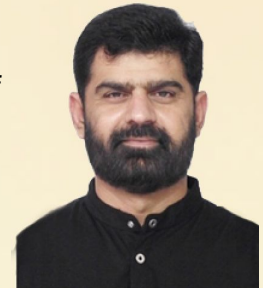
PhD Faculty Profiles

Dr. Sadique Ahmed Bugti

Dr Sadique Ahmed Bugti completed his PhD from Beijing University of Aeronautics and Astronautics (BUAA), China. After completing his PhD he joined back BUIITEMS in 2012.

Research areas:

Computer Networks and Artificial Intelligence
Fuzzy rules application in computer networks in his PhD Thesis.



Dr. Abdul Raziq

Dr. Abdul Raziq, earned his doctorate degree in Human Resource Management from Australia in 2012.

He joined BUIITEMS in 2002, and is one of the pioneer faculty member in the Faculty of Management Sciences. He has won four international PhD Scholarships and also received 'Best Teacher Awards' from Higher Education Commission.

Research areas:

Human resource management, sustainability of Small and Mediums size organizations, and organizational change.



Dr. Abdul Salam Lodhi

Dr. Abdul Salam Lodhi did his PhD in Economics from Bonn Graduate School of Development Economics, University of Bonn, Germany in 2012.

He is the author of several national and international research articles and his PhD dissertation is published in Development Economics and Policy series edited by Franz Heidhues, Joachim von Braun and Manfred Zeller.

Research areas:

Labor Economics, Political Economy and human resource development.



Dr. Faisal Ahmad Kakar

Dr. Faisal Ahmad Kakar received his MS and Ph.D. degrees in Electrical and Computer Engineering from the Georgia Institute of Technology, USA in 2012, as a Fulbright Ph.D winner. Dr. Kakar is member of the Institute of Electrical and Electronics Engineers (IEEE) and member of the IEEE Standards Association.

He formed the Student Branch of the IEEE at FICT BUIITEMS in 2008 and has served as Session Chair at the IEEE ICCCT conference at Hangzhou, China in October 2008.

Research areas:

Vehicular Ad hoc Networks under the title Safety-Message Routing in VANETs.
Radio-Wave Propagation into Buildings and Client-Server Architecture for Cellular Handheld devices.

**Dr. Sarwat Afridi**

Dr. Sarwat Afridi obtained her Doctoral Degree from University of Aix-Marseille II, France in July 2012. She completed her MS in 2008 from BUIITEMS in the field of Biotechnology and Informatics.

She is serving as assistant professor in the Faculty of Life Sciences. Dr. Sarwat is the first lady to complete PhD in the field of Biotechnology from Balochistan.

Research areas:

Genomics, Bioinformatics and Biochemistry.

**Engr. Dr Jan Muhammad**

Engr. Dr. Jan Muhammad has recently completed his PhD from School of Computing Science, University of Glasgow, UK. Dr. Jan is the recipient of a merit scholarship for his Bachelors of Computer System Engineering at NED University from Government of Balochistan during (1992-1996). He received BUIITEMS Faculty Development Program (FDP) scholarship in 2007 for his PhD studies at University of Glasgow, UK.

Dr. Jan Muhammad is currently working as an Assistant Professor at Department of Computer Engineering, Faculty of Information & Communication Technologies (FICT), BUIITEMS.

Research areas:

Security issues of open distributed systems e.g. Grid and Cloud computing.



Dr. Gul A. Jokhio

Dr. Gul.A. Jokhio completed his PhD from the Imperial College London in December, 2012. His PhD thesis titled “Mixed Dimensional Hierarchic Partitioned Analysis of Nonlinear Structural Systems”.

Dr Jokhio did his Master of Engineering (By Research) at NED University of Engineering and Technology, Karachi in 2002.

Research areas:

Nonlinear finite element analysis, parallelization of nonlinear analysis, domain decomposition methods, mixed-dimensional modeling, multi-scale modeling, and parallel eigenvalue analysis.

**Dr. Shahjahan Shabbir Ahmed Rana**

Dr. Shahjahan Shabbir Ahmed Rana earned his Ph.D. degree in Life Sciences from Northwest A&F University, Shaanxi, Yangling, P.R. China in June, 2012.

He has a Master’s degree in Horticulture and presently serving as assistant professor in the faculty of life sciences and Informatics.

Research areas:

Exploring the molecular and physiological aspects of Plant Gene Cloning and Expression. He was able to decipher the gene cloning and expression in many model and Solanaceous crops. His primary molecular interests are in gene cloning and developing transgenic





BUIITEMS Medical Center

BUIITEMS Medical Centre

Medical centre, BUIITEMS was established in January,2012 with the support and sponsorship of Ms. Rahila Durrani, Minister, Government of Balochistan. The medical Centre is fully functional since then. It has two units, the main unit is in Takatu Campus of BUIITEMS and the sub-unit is in the City Campus. The centre is serving and facilitating around the 600 staff and above 6000 students in several emergency and OPD cases.

Facilities

- OPD Rooms
- Dressing/Emergency room
- Medical Store
- Minor OT
- ECG Room
- Waiting Room
- Female Ward
- Male Ward



Services:

- OPD Cases
- Emergency Facility
- Minor OT(stitches application, fracture management etc)
- ECG Facility(diagnosis purpose)
- Gynecological examination(cuscovaginal scope, sonicade)
- Nebulization with oxygenation
- X-ray illuminators
- Suction machine
- Autoclave for Sterilization
- Ambulance for Emergency referral

Future Plans:

- Blood grouping camp for all the staff and students of the university, so that proper record of the same is maintained.
- To develop BUIITEMS blood bank for any emergency situation.
- Establishment of a medical laboratory for all the routine tests of the patients.
- Establishment of X-Ray plant for patients.
- A hospital on BUIITEMS panel for referral patients (so that serious patients may be referred there)
- Conducting a First Aid Seminars for students, so that they may be prepared for any emergency situations.
- Screening the staff and students for viral diseases such as Hepatitis B,C and other viral diseases.
- Conducting awareness seminars on psychiatry health to manage stress and Psychiatric problems.







Exhibitions



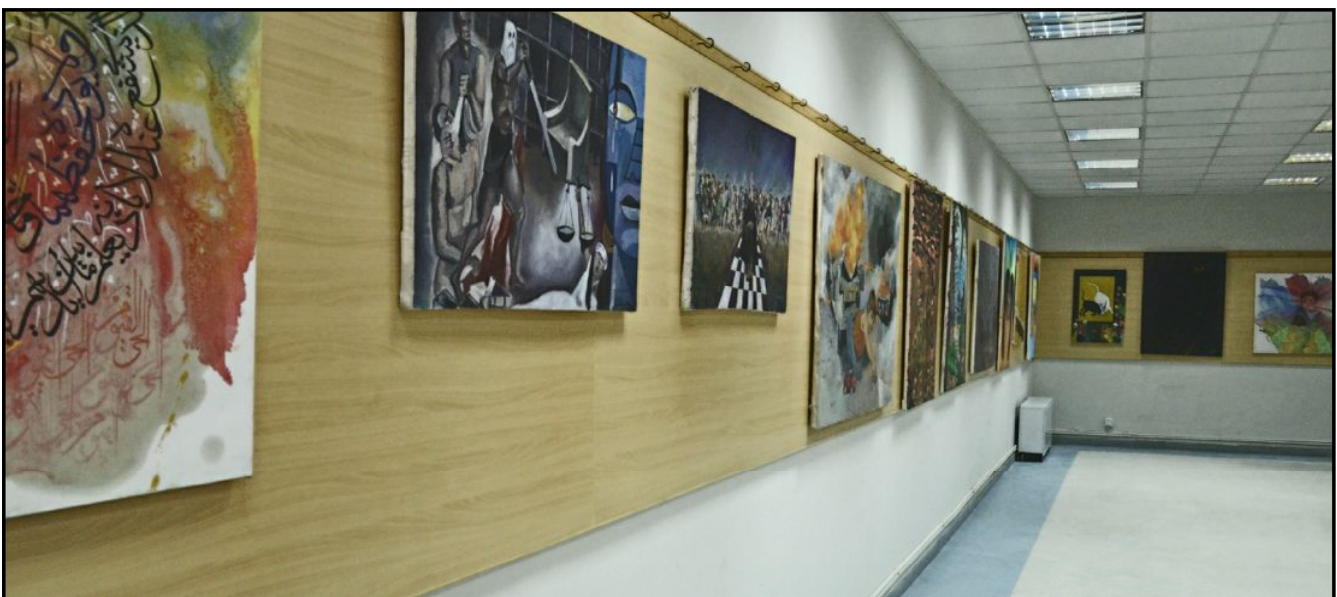
3rd Annual Architecture Exhibition

The Department of Architecture, BUIITEMS organized its Third Annual Exhibition in Arfa Karim Randhawa Expo Centre, Takatu Campus on 5th & 6th June 2012. Provincial Minister Engr. Zamrak Khan inaugurated the exhibition.



10th Anniversary Art Exhibition

The Department of Fine Arts organized art exhibition showcasing the work of BUIITEMS talented students celebrating the occasion of the 10th anniversary of the University. The art work was appreciated by the teachers and students alike.



Space Exhibition held in BUIITEMS

A space exhibition was held at BUIITEMS in collaboration with SUPARCO on October 9, 2012. The models displayed in the exhibition, were the main attraction of the World Space Week.

Vice Chancellor BUIITEMS Ahmed Farooq Bazai, Member SUPRSCO Mr. Imran Iqbal, students and faculty members of the University visited the exhibition and inspected the models displayed there.







BUIITEMS Convocation





BUITEMS 8th CONVOCATION

Convocation in BUITEMS brings spring in the winter. An occasion to harvest what we sow, an occasion to swell with pride while knowing it couldn't be done without the effort of the whole family and an occasion to see our graduates smile with pride and satisfaction. The satisfaction is also reflected from the faces of faculty and administration who leave no stone unturned to make the occasion happen.

This year the convocation was held on December 26, 2012 and the event took place at a time when the University had just completed 10 years of its journey. The bright sunny day symbolized the hopes of a bright future for the graduates. The clarity of the sky was paralleled by the clarity of goals and perspectives which the young minds had in their vision. The impact of an underlined buzz of energy and excitement joint with order made the progression look like a floral array streaming across the channels.



The Chancellor BUITEMS, Honorable Governor Balchistan, Nawab Zulfiqar Ali was the Chief Guest of the convocation. The Vice Chancellor, Ahmed Farooq Bazai in his welcome address recapitulated the 10 years journey of BUITEMS, narrating the salient developments and highlighted the steps taken to keep up the standards of the University through exerted efforts. He congratulated the graduating students and wished them a bright future particularly in terms of their professional life.



Talking about the impact of BUITEMS on national development, he highlighted the importance of research and development and implementation of standard operating procedures for which he paid rich tributes to his team. He also congratulated Mr. Faseih Iqbal on the award of Honorary Degree of Doctor of Philosophy for his public services in the field of Mass Communication.



After the welcome address, degrees were awarded to graduating students in various fields. Badges of Honor were awarded to seven students while sixteen students were awarded gold medals.



An Honorary Degree of Doctor of Philosophy was conferred upon Senator (R) Syed Faseih Iqbal, who has remained an active member of top management of various national institutions and has contributed for promotion of academics and research in the country in addition to being elected as Senator for two consecutive terms.



The Governor Balochistan Nawab Zulfiqar Ali Magsi in his Presidential address commended the accomplishments of the Vice Chancellor and the learned faculty of BUITEMS for creating a difference by adding value through grooming students into useful and competent assets for the nation. He also expressed his resolve to continue extending all possible support to BUITEMS in maintaining International standards. Governor Balochistan, Nawab Zulfiqar Ali Magsi, announced cash awards of fifty thousand rupees for each winner of Badge of Honour and one hundred thousand rupees for each Gold Medalist.



The Honorable Chief Guest passed on kindly to the Vice Chancellor the following awards:



Mr. Kaleem Khan, a renowned artist and a senior faculty member of BUIITEMS, prepared a portrait of Nawab Zulfiqar Ali Magsi and presented it to the Honorable Chief Guest.



Gold Medalists



Jamila Hassan
MBA



Muhammad Azan
MBA



Salman Shabir
MBA



Shah Faisal Agha
MBA



Khayal Muhammad
MBA



Joham Sarfaraz Ali
BS (Biotechnology & Informatics)



Sehreen Ashraf
BS (Biotechnology & Informatics)



Zia ur Rehman
BS (Business Administration)



Ajmal Khan Achakzai
BS (Economics)



Maliha
BS (Economics)



Safi Ullah Khan
BS (Petroleum & Gas Engineering)



Syed M. Farooq Qaiser Shah
BS (Civil Engineering)



Javeria Farooq
BS (Electronics Engineering)



Afaq Ur Rehman
BS (Chemical Engineering)



Muhammad Rizwan
BS (Textile Engineering)



Ayesha Abdul Majeed
BS (Information Technology)

Recipients of the Badges of Honor



Momina Babar
BS (Information Technology)



Bashir Ahmed
BS (Mining Engineering)



Waseem Saeed
BS (Computer Engineering)



Adil Waseem
BS (Telecommunication Engineering)



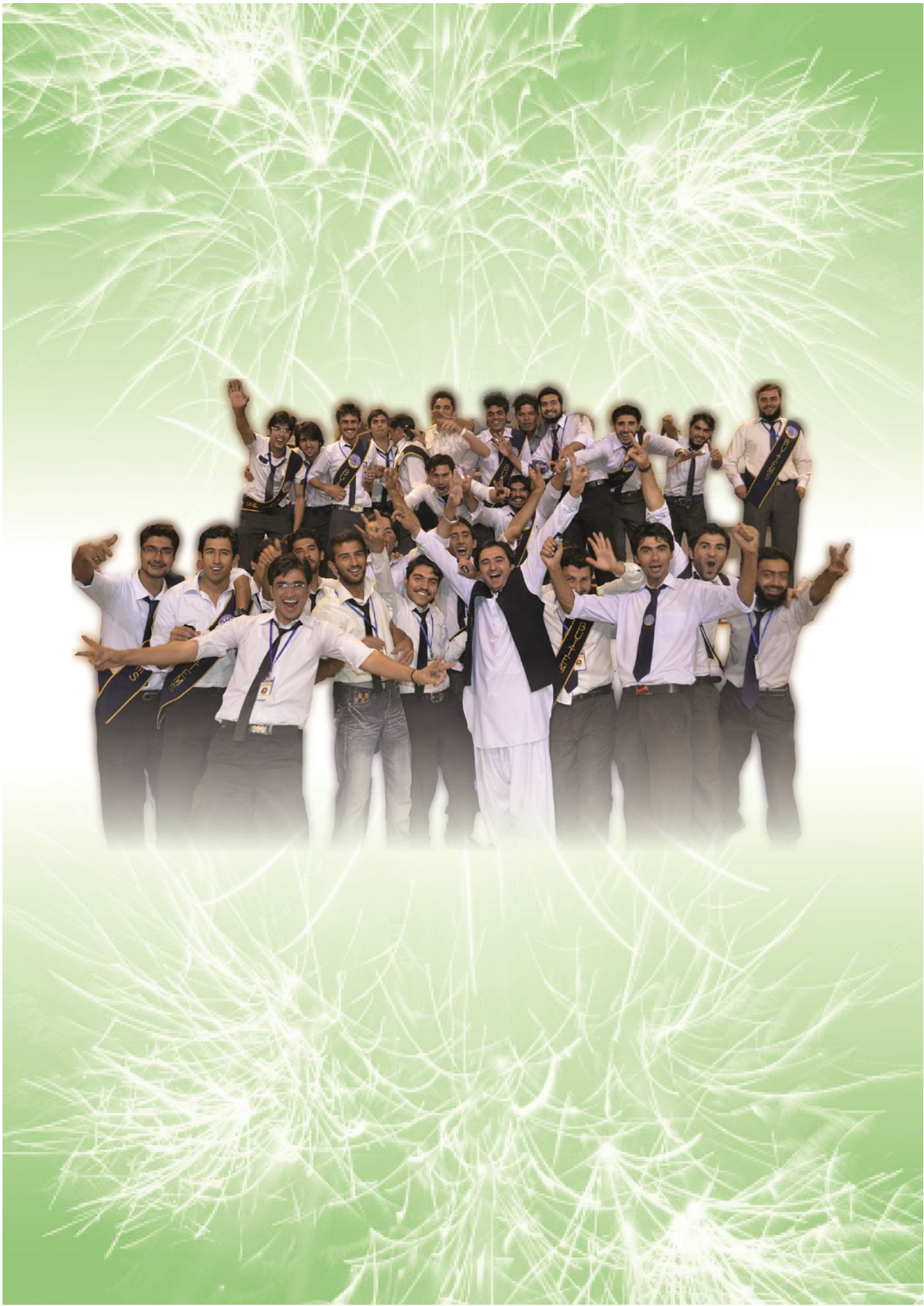
Barkatullah Khan
BS (Geological Engineering)



Abdul Samee
BS (Computer Science)



Ramen Muneer Baloch
BS (IR)



The background features a light green gradient. The top half is decorated with white, feathery, grass-like patterns. The bottom half features a white background with green floral and vine motifs, including several butterflies in shades of green and yellow. A central horizontal band is light gray.

FESTIVITIES

Pakistan Day Mela

Pakistan Day Mela was organized to celebrate the Pakistan Day with zeal and enthusiasm at Askari Park, Quetta from March 23 to 25, 2012.

BUITEMS installed two stalls where projects from different departments were displayed. BUITEMS stall was awarded 2nd prize in the stalls competition. Governor Balochistan, Nawab Zulfikar Ali Magsi was the Chief Guest of prize distribution ceremony.



BUIITEMS 10th Anniversary Celebrations

BUIITEMS celebrated its 10th Anniversary on October 5, 2012. On this occasion, BUIITEMS students, faculty members & administration gathered in the Arfa Karim Randhawa Expo Center, Takatu Campus. The celebrations were organized under the official mascot of BUIITEMS 'the Markhor' on banners of celebration. To celebrate the occasion, all five faculties and the administrative staff brought cakes. The Vice Chancellor BUIITEMS addressed the audience and congratulated everyone who contributed to the success of the University. The efforts and consistency of the older members of the BUIITEMS family were commended along with a warm welcome for the newer members of the family. The BUIITEMS Dramatic club recapitulated some of the refreshing episodes from the past, incorporating them into a short drama performance. The festivities reached a climax when the Vice Chancellor and the top echelons of the university cut the cakes and all had delicious, hefty bites.



Annual Prize Distribution Ceremony

The Annual Prize Distribution Ceremony was held on December 25, 2012 to honor all those who proved their mettle in co-curricular competitions and contests at provincial and national levels. The Vice Chancellor BUIITEMS was the Chief Guest of the ceremony. The recipients of prizes in various events were:

- **Best Debater English**
Ms. Anum Tariq BS (*Business Administration*)
- **Best Debater Urdu**
Mr. Muhammad Bilal Iqbal BS (*Petroleum & Gas Engineering*)



- **Best Qari**
Hafiz Muhammad Ayub
BS (Geological Engineering)
- **Best Naat Khwan**
Qasim Ali *BS (Computer Engineering)*
- **Best Essay Writer English**
Mr. Junaid Ahmad Khan
- **Best Essay Writer Urdu**
Ms. Anum Tariq
BS (Business Administration)



EXCELLENCE AWARDS

Administration

(Grade I-IV Employees)

- **Mr. Shah Nawaz**
Security Guard
- **Mr. Abdul Samad**
Security Guard
- **Mr. Abdul Rehman**
Lab Attendant
- **Mr. Zahoor Ahmed**
Sanitary Worker
- **Mr. Sher Mohammad**
Sanitary Worker
- **Mr. Mohammad Younus**
Bus Conductor



- **Mr. Shadi khan**
Tractor Driver
- **Mr. Nadeem Akhter**
Naib Qasid
- **Mr. Mama Badu**
Helper
- **Mr. Mohammad Ramzan**
Mali

Faculty Members

- **Mr. Asif Hussain**
Lecturer, Faculty of Engineering
- **Ms. Rahila Umer**
Assistant Professor, Faculty of ICT
- **Mr. Mohammad Atif Younus**
Lecturer, Faculty of Life Sciences & Informatics
- **Ms. Ammarah Ahmed**
Lecturer, Faculty of Management Sciences
- **Ms. Ayesha Manzoor**
Lecturer, Faculty of Arts and Basic Sciences



Departments of the Year:

Two departments, namely Department of Biotechnology & Informatics & Department of Management Sciences were declared best Departments for the year 2012.







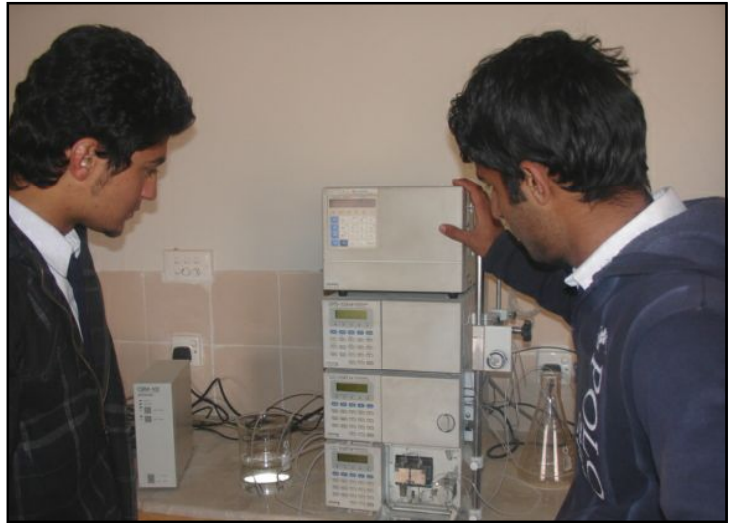
Infrastructure Development



Laboratories

Laboratories completed during the year 2012:

- Engineering geology lab
- Hydrology Lab
- Environmental Geology lab
- Geological Exploration tools
- Semi conductor characteristics and testing lab
- Printed circuit board lab
- Microprocessor lab
- Control and Instrumentation lab
- Robotics and Automatic lab
- Physics lab,
- Central engineering lab,
- Telecommunication lab
- Mechanics and optics lab
- Electricity and magnetism lab
- Atomic and nuclear physics lab
- Basic and digital electronics lab



PC-I Approved for Chemical Engineering Labs

The Mega PC-I (Phase-I) for the following labs of the department of Chemical Engineering. The establishment process is in the progress.

S. No.	Lab Title
01	Instrumentation & control lab
02	Reaction engineering lab
03	Process lab
04	Particle sizing lab
05	Fuel & combustion lab



Equipment purchased for Textile Laboratories during 2012.

Some scientific equipment have been purchased during 2012 for the following laboratories:

- Garments Manufacturing Laboratory
- Fabric Manufacturing Laboratory

The equipment includes:

- Hand looms (10)
- Mannual Warpors (5)
- Janome Stiching Machine 5002 (5)
- Janome Stiching Machine 840/ S7700 (2)
- Juki Stiching Machine AT-1000, HZL-7000, HZL-7700 (3)
- Brother Homelock B530
- Juki Industrial stitching machine DDL-5550
- Brother Industrial stitching machine B831-3

Plant Tissue Culture Laboratory

The facility for obtaining tissue cultures of banana, pineapple and glade is established. Plant tissue culture techniques are essential to many types of academic inquiry, as well as to many applied aspects of plant science. Plant tissue culture techniques are also central to innovative areas of applied plant science, including plant biotechnology and agriculture.



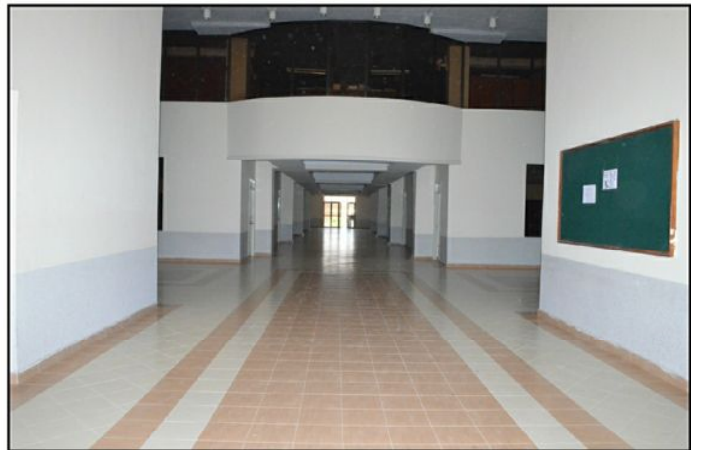


Other Developments:

The following projects have been completed during the year 2012.

- The BUIEMS Monument
- Masjid
- Internal Road
- Meeting Room at Iqbal Block



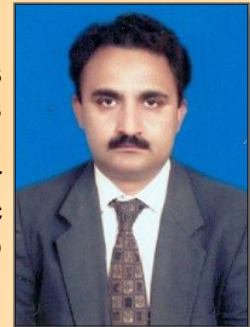




OBITUARY

Tragic Accident of Mr Ghulam Ali Mashori

Mr Ghulam Ali Mashori, Assistant Professor, Faculty of Management Sciences lost his life in a tragic accident on June 9, 2012. He was accompanied by his son and Mr. Brohi in an auto rickshaw on their way back from Mastung when they were hit by a truck. Mr Mashori lost his life on the spot but fortunately Mr Brohi survived the impact and is on the way to recovery. On this tragic occasion, the BUIITEMS family joined hands and extended every possible help to the injured and their families.



BUIITEMS Bus Targeted

On June 18, 2012 in the morning while our BUIITEMS buses were on the way to University picking students from their homes not knowing that the next moment will bring a disaster when some regressive forces targeted one of our University buses. As a result Mr. Muhammad Hussain, Assistant Professor lost his life in the gruesome attack. Three students namely Aqeel Raza, Rashid Ali and Abdul Hadi also lost their lives. Around seventy others were injured including some pedestrians. The death of students and faculty member is a big loss for BUIITEMS.

The targeting of BUIITEMS bus appears to be a reaction to our recent achievements at the national and international levels. However, a positive aspect observed after the bomb blast was the selfless service provided under the circumstances by the students and faculty members voluntarily. They helped the injured in every way they could, including the donation of blood. Everyone could see the unity of BUIITEMS family. In the wake of the wounds, the incident gave us greater strength and resolve to face the challenges with confidence and determination.





**BUIITEMS
FINANCIAL OVERVIEW
2012**



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 utilized these funds to enable it to initiate new academic programs, technological development, maintenance of infrastructure and increasing building capacity. BUIITEMS is in its development phase and at this stage the proper funding both Development and Recurring are crucial for its growth, development and imparting quality education.

Annual Budget for the financial year 2011-12 was approved to the tune of Rs.531.605million, which was revised to Rs.421.893 million due to cut in funding from HEC. The earning/receipt of the University in the year 2010-11 was Rs.87.00 million which increased to Rs.118.00 million during 2011-12. The major contribution in increased revenue is attributed to enrolment of new students in newly established departments/programs.

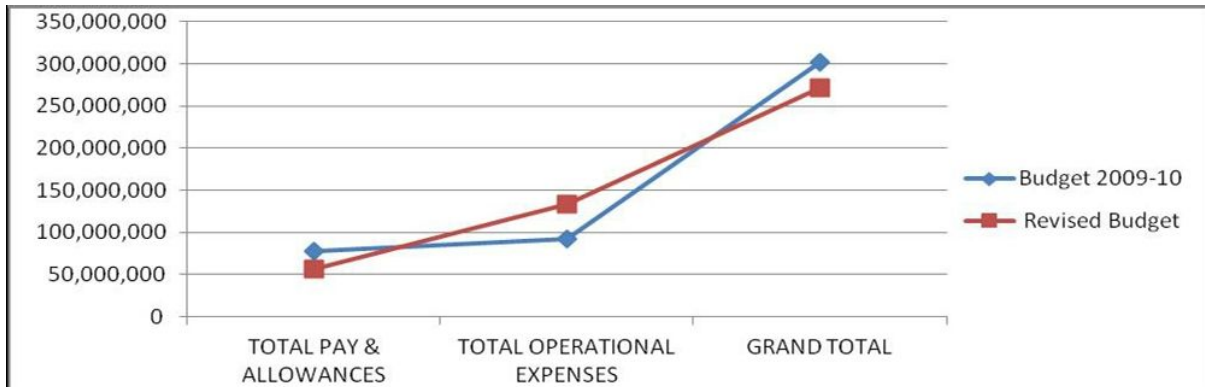
Budget for Financial Year 2011-12

(Amount in Rs.)

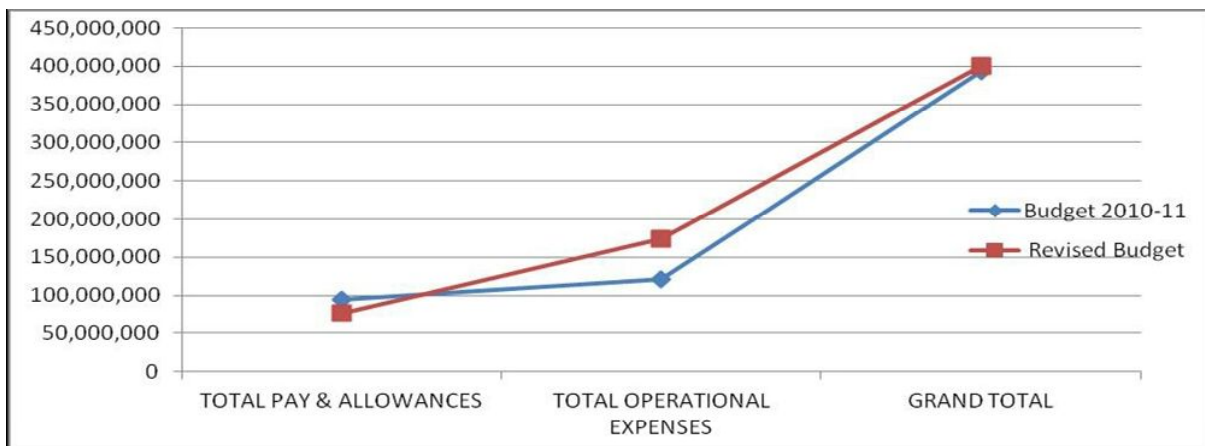
Object Classification	Budget 2011-12	Revised Budget
PAY & ALLOWANCES		
PAYS	119,850,000	102,200,000
ALLOWANCES	270,665,000	163,900,000
TOTAL PAY & ALLOWANCES	390,515,000	266,100,000
OPERATIONAL EXPENDITURE		
Purchase of Durable Goods	24,300,000	27,551,000
Purchase of Consumable Goods	17,900,000	17,150,000
Communication Expenditure	2,500,000	2,850,000
Civil Works-Buildings & Structures	5,000,000	4,300,000
Repair & Maintenance	20,900,000	23,500,000
Utility Bills	28,570,000	35,510,000
Rent, Rates, Taxes & Fee	3,270,000	5,215,000
Training & Research	7,900,000	5,084,000
Expenditure on Commodities & Services	30,750,000	34,633,000
TOTAL OPERATIONAL EXPENSES	141,090,000	155,793,000
GRAND TOTAL	531,605,000	421,893,000

SYNOPSIS OF THE FINANCIAL REVIEW OF PAST 3 YEARS

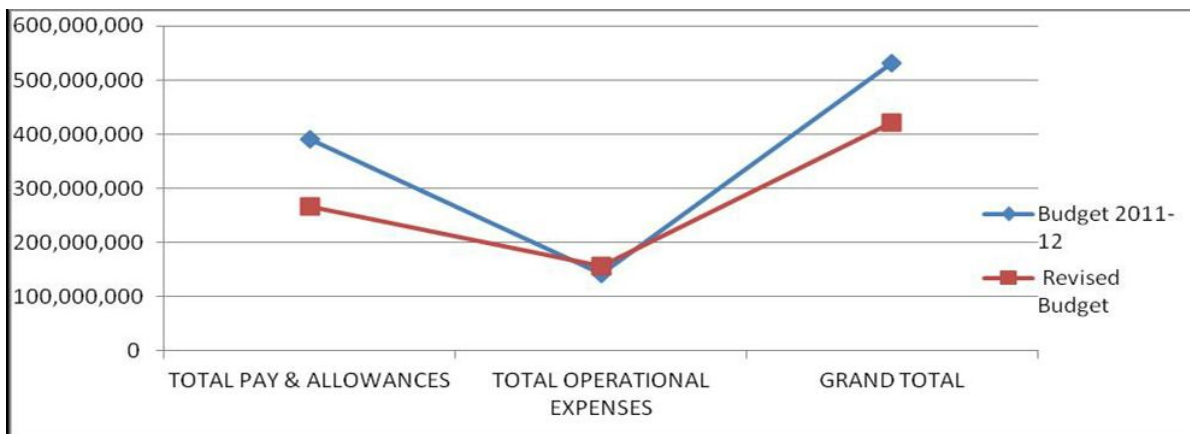
Financial Review for the year 2009-2010



Financial Review for the year 2010-2011



Financial Review for the year 2011-2012



Audit of BUITEMS Accounts For 2011-12.

The BUITEMS Accounts for the financial year 2011-12, were audited by the Auditor General of Pakistan office. The Departmental Accounts Committee meeting was convened to discuss the Audit Report, the report was discussed accordingly. The audit authorities appreciated BUITEMS efforts in the maintenance of financial discipline.



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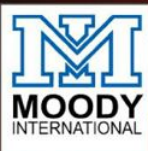
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