



BUITEMS

Quality & Excellence in Education

NEWSLETTER

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Balochistan University of Information Technology,
Engineering & Management Sciences

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Our Vision

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

Mission Statement

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

Our Goals

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

Our Core Values

Accountability: We are committed stewards of the loyalty and goodwill of our alumni and friends of the human, fiscal and physical resources entrusted to us.

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

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

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

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

Editorial

Public sector universities provide hope of economic and social improvement in lives to the middle and lower class youth through acquisition of quality education, especially in science and technology at affordable cost. With almost one half of the population of Pakistan below the age of 18, the country is faced with the acute problem of providing them education conducive to peaceful living and contribute to Pakistan's economic development. Unless access to higher education is facilitated by the government, a large component of youth is likely to become increasingly restive and cause disruption of peace, not only in the country but overseas, as well.

Public sector universities in Pakistan are hard hit by the severe cuts imposed by the government on the provision of funds to them. This step has jeopardized the smooth functioning of the institutions of higher learning and will result in blocking the development projects. Private higher education in the country is so costly that it is impossible for the middle class even to dream of affording the expenses of university education for their youth.

Bringing modern education to the doorsteps of youth, without putting undue financial strain on the finances of their parents/guardians would result in greater intake of students from among the masses. The opportunity of getting higher education with open minds should make them more tolerant towards people who hold opinions and values different from their own. Educated people are, more or less, prone to reasoning and do not depend entirely on their emotional instincts. Management of interpersonal and inter group issues become relatively easier if individuals and groups are educated in an atmosphere of logical thinking and derivation of conclusions on rational grounds. Otherwise the 'youth force' deprived of higher education, is likely to become ideal recruitment target for groups and organizations that are alienated from the global economic, political and social systems.

The Faculty Development Program which aims at enhancing the qualifications and at improving the knowledge generation competencies of the university teachers is going to be worst hit by the afore-said stringent measures of the government. Seventy three of our young faculty members are pursuing higher studies abroad. They offer bright prospect of enhancing the scope and value of the academic instruction provided at **BUIITEMS**. With the cutting down of financial support to them, the whole edifice of our future ambitious targets would no longer be sustainable.

It is high time that the Government rethinks over her decision of stifling the supply of adequate funds to the public sector universities. If we are to get back on to our own feet and face the world as an honorable nation, we have to invest in widespread higher education of our youth on affordable terms. The threats posed to the national cohesion and integrity call for pragmatic solutions and the release of the much needed funds for the public sector universities has to be ensured on priority basis in order to counter such threats.

Inauguration of CISCO Local Academy BUITEMS

Reported By: Saima Gul

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



Ms. Saima Gul making her presentation

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

During the inaugural ceremony, Pro Vice Chancellor BUITEMS Dr M.A.K Malghani, Dean FICT, Prof. Dr A.H.S Bukhari, Directors, Chairpersons, Foreign Faculty Member and CISCO Academy instructor Mr. Muhammad-Al-Horani and a large number of faculty members and administrative staff were also present.

National Engineering Robotics Contest (NERC-2010)

Reported by: Engr. Mohammad Nadeem

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



BUITEMS' Students with their Award

Following students of Faculty of ICT presented two different Robotics Projects:

- ❖ Tanveer Hashim (CE-8th)
- ❖ Malik Zain-ul-abideen (CE-8th)
- ❖ Gazzain Gichki (CE-8th)
- ❖ Mazhar Iqbal (CE-8th)
- ❖ Dawood Khan (IT - 6th)
- ❖ Zaheer Ahmed (CE-4th)
- ❖ Saifullah (CE-4th)
- ❖ Zeeshan (CE-4th)
- ❖ Waseem Akram (TE-4th)
- ❖ Wazir Khan (IT-5th)

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

Both can be programmed to perform real world tasks repeatedly. The sensors are also installed to guide the robot to find path in case some hurdles are placed on its normal programmed path.



Robot Designed by BUIITEMS' Students

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

Professional Competency Enhancement Program for Teachers (PCEPT)

Reported by: Ms. Asma Yousafzai

3rd Professional Competency Enhancement Program for Teachers (PCEPT) was held at Sardar Bahadur Khan, Women University, Quetta from 14th July to 13th August, 2010, It was held under the aegis of Higher Education Commission, Islamabad as phase II of the professional capacity building ventures of the National Academy for Higher Education (NAHE). Two faculty members namely Ms. Asma Yousafzai (Lecturer Faculty of Biotechnology & Informatics) and Ms. Noreen Kasi (Lecturer Economics, Faculty of MS) were nominated from BUIITEMS to participate in the training program.

The basic object of the training was personal and professional grooming of university teachers. The modules taught to the participants were:

- ❖ Teaching as a Profession
- ❖ Communication Skills

- ❖ Curriculum Development
- ❖ Microteaching, Use of ICT
- ❖ English Language Teaching
- ❖ Personal and Professional Grooming
- ❖ Research Methodology
- ❖ Use of the Digital library

All modules were taught and practiced by renowned resource persons like, Ms. Ameer Bano (University of Balochistan), Dr. Iftikharuddin Khawaja (Director Iqra University, Quetta), Prof. Dr. Syed Nisar Hamdani (Director Institute of Economics, University of Azad Jammu & Kashmir, Muzaffarabad.), Mr. Ahsan Achakzai (Chairperson, Economics Department, BUIITEMS, Quetta.) Mr. Imran Bhatti (University of Balochistan), Dr. Syeda Fatima (University of Karachi), Besides such eminent scholars, guest speakers like Ms. Farhat (Corporate Trainer) and Dr. Riaz Qureshi (Advisor, HEC) also shared their knowledge and expertise for the benefit of the participants.

The participants were given an opportunity of having two days counseling session as well, by Ms. Sultana Baloch, Vice Chancellor, Sardar Bahadur Khan Women University, Quetta. This session was intended to help them in establishing counseling centers at their respective universities.



Group of PCEPT participants

Ms. Ameer Bano gave comprehensive lectures on “Emotional Barriers as the Root Cause of Contention” in human relations. It was emphasized that sympathy, empathy, norms and values should become an integral part of one’s character. The participants were given various assignments like research proposal writing, portfolio, module making,

and a project on continuous professional development centre establishment at respective university. The last two weeks were for evaluating students on the basis of assignments given. Overall this one month training program helped the participants a lot in their personal and professional grooming. The participants learnt the art of effective verbal and non-verbal communication. Microteaching practice made every teacher confident and competent. The object of the training was fully achieved when the participants from each university expressed readiness and the will to produce well trained teachers, administrators and students. That will not only play a vital role in the progress of respective institution and the province, but will also influence the social and economic standards of the country positively.

Workshop on “Youth Peace Campaign”

Reported by: **Marjan Arbab Kasi**

BUITEMS Student Affairs Society arranged a one day workshop on “The Role of Youth in Promoting Peace”. The event was held on 16th July, 2010 in the Auditorium, City Campus BUITEMS. The workshop was inaugurated by Mr. Nabeel-ul-Haq, Coordinator, Student Affairs. Resource person for the workshop was Mr. Faizan Hassan, coordinator for the promotion of Youth Peace Campaign, Balochistan.



Mr. Jahangir Bazai addressing the participants

The workshop was held in two sessions. In the first session, Mr Faizan Hassan explained in detail the important role that students can

play in promotion of peace in the province. During the second session a simulated training program was arranged for dissemination and propagation of information on Youth Peace Campaign. The workshop was attended by faculty members and students of Management Sciences, Economics, Social Sciences and Engineering. The workshop ended with expression of gratitude for the resource person. The next phase of this campaign will be held in Lahore and students of BUITEMS will participate in that event too.

Inter Departmental T-20 Cricket Tournament, 2010

Reported by: **Masood Kasi**

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



Vice Chancellor playing the inaugural shot

He was accompanied by Pro Vice Chancellor Prof. Dr. M.A.K. Malghani who is also Chairman of BUITEMS Sports Committee. With him were Mr. Manzoor Hussain, Registrar, Mr. Abdul Qadeem Kakar, Deputy Registrar (Admin), Dr. Rafiq Baloch, Director QEC&A Mr. Babar Faiz, Deputy Director Finance, Mr. Suleman Kasi, Director Procurement and Mr. Masood Kasi, Sports Officer. A large number of players and cricket



BS(Computer Engg.) team with the Vice Chancellor and other officials

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

On the opening day, the first match of the tournament was played between BS (Social Sciences) and MBA (Evening) and BS (Social Sciences) won by a margin of 50 runs. The second match was BS (Civil Engg) Vs BS (Economics). Batting first, BS (Economics) piled up a big score of 160 runs, and then scuttled out BS (Computer Engg) for just 88 runs. In the quarterfinals, BS (Computer Engg) were pitted against BS (Bio) in Group A. BS (Bio) managed to move onto the semi-final stage by defeating BS (EE). In group B, BS (Eco) won their match against BS (Ch Engg). In group C, BS (Computer Engg) moved ahead by defeating BS (SS), while in Group D, BS (P&G) proved their supremacy by defeating MBA. The semifinals were played on 17th July, 2010. BS (Bio) played against BS (Eco) and the latter triumphed by winning the match by 84 runs, while in the second BS (Computer Engg) dominated BS (P&G) with a 70 run victory.

The final match was played on 20th July, 2010 between BS (Eco) and BS (Computer Engg). Batting first, BS (Eco) scored 121 runs and set a target of 122 runs for BS (Computer Engg) to win. BS (Computer Engineering)

responded to the challenge valiantly and achieved the target in just 10 overs. Zohaib from BS (Computer Engg) batted magnificently and scored 51 runs from only 33 balls. He was declared Man of the Match while Akmal from BS (Computer Engg) was adjudged to be the best bowler. The thrilling encounters throughout the tournament created great enjoyment and refreshed the spirits of the players and the spectators to a great extent.

Board of Studies Meeting for BS (Textile Engineering)

Reported by: Engr. Ali Asghar

The Department of Textile Engineering believes in establishing an environment conducive to top of the class professional education and research in the field of Textile Engineering. The Department is committed to producing quality textile engineers with expertise in operation and designing of textile processes and machinery. The Department of Textile Engineering is also devoted to address the industry's technical and managerial issues targeting not only the current needs of industry but also acting as a key source of ideas and expertise for the long term competitiveness of the entire textile industry of Pakistan. This will also be a resource centre for technical human resource, executives and consultants.



Board of studies meeting in progress

The Department of Textile Engineering conducted its third Board of Studies meeting via video conferencing on 21st July 2010 at Takatu Campus. The members of BOS committee included:

Prof. Dr. Syed Abid Hussain Dean, Faculty of Engineering, Engr. Ali Asghar Chairperson, Textile Engineering Department, Prof. Dr. Faheem Uddin, Textile Engineering Department, Engr. Syed Waqar Azhar Lecturer, Textile Engineering Department, Engr. Muhammad Ali Zeeshan Lecturer, Textile Engineering Department.



Board of studies meeting in progress

Prof. Dr. Mumtaz Hassan Malik and Prof. Dr. Tanveer Hussain joined the meeting from National Textile University, Faisalabad. BUITEMS has adopted the H.E.C revised Curriculum from Fall 2009 and now offers specializations at Bachelors' level in Yarn Manufacturing, Fabric Manufacturing, Textile Wet Processing and Garment Manufacturing. The revised curriculum would, in future, produce better-trained work force for the R&D organizations, universities and Textile industry of Pakistan.

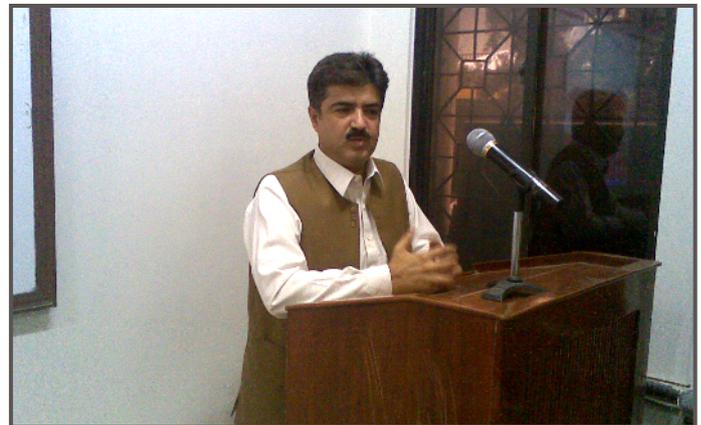
Seminar on “Dianetics: The Modern Science of Mental Health”

Reported By: Shahaq Nabi

A seminar on “Dianetics: The Modern Science of Mental Health” was organized by the students of BS (Social Sciences) on July 22, 2010, under the supervision of Ms. Ayesha Manzoor.

Dr Atta Muhammad Barech, who did his PhD in Health Psychology from Open International University of Colombo and Dianetics (scientology) from Institute of Los Angeles, was the guest speaker of the seminar.

Misri Khan, student of BS (SS) was the compere on the occasion. The seminar started with recitation of verses from the Holy Quran followed by the recitation of a Naat.



Dr. Atta Muhammad addressing the participants

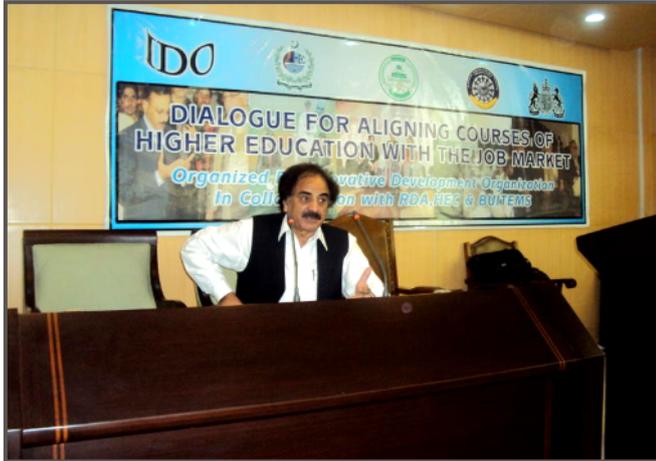
Dr Atta Muhammad started with a brief introduction of Psychology. Then he showed a very informative video related to Dianetics, following which, he discussed the methods of dealing with daily life problems and their professional management. His presentation was followed by a question answer session. The seminar ended on a vote of thanks for the guest speaker.

Dialogue for Aligning Courses of Higher Education with the Job Market

Reported by: Prof. Dr. Muhammad Nawaz

BUITEMS organized a dialogue for aligning courses of Higher Education with the job market in collaboration with Govt. of Balochistan, IDO (Innovative Development Organization),

HEC and RDA (Rural Development Authority) in Sikandar Jamali Auditorium of Civil Secretariat Quetta on July 27, 2010. Prof Dr. M. A. K. Malghani Pro Vice Chancellor BUIITEMS opened the dialogue by comparing the national job market with international job markets.



Dr. M.A.K Malghani presenting his views

He emphasized the importance of human resource development for exploration of natural resources and promotion of modern information based technologies.

Ms. Fauzia Shaheen (IDO) gave a detailed presentation on Sharing of Program Objectives and Findings of the Job Market Assessment Survey. Mr. Ahsan Hashmi, Asstt. Project Director, HEC explained HEC's vision and strategic interventions for promoting and improving higher education in Pakistan. Qazi Shahid Pervez, Secretary S&GAD Government of Balochistan expressed his views on Government of Balochistan's commitment and strategic interventions undertaken to promote employment of youth. The dialogue concluded with a panel discussion. The panelists included: Prof. Dr Mohammad Nawaz (BUIITEMS) and Qazi Shahid Pervez Secretary S&GAD.

Inter departmental declamation contest

Reported by: Ali Asghar

BUIITEMS Student Affairs Society arranged the first Inter Departmental Declamation Contest in collaboration with Society of Textile Engineering. The event was the first of its kind and was the result of enthusiastic efforts of Mr. Jahangir Khan Bazai, President

Society of Textile Engineering. The contest was bilingual and covered both serious and humorous topics. Chief Guest on the occasion was Prof. Sultan Mehmood Niazi, Director Communications, BUIITEMS. Prominent debaters from the university participated in the event and gave impressive proof of their speaking skills.

The winners were:

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



Ms. Marjan Arbab with her prize

At the end, the Chief Guest awarded certificates to the students. In his address, the president of Society of Textile Engineering informed the audience that this was only the first event arranged by the society and Inshallah more would follow. Prof. Sultan Mehmood Niazi appreciated the initiative of Society of Textile Engineering and urged the organizers to invite debaters from other institutions in order to create an atmosphere of real contest. He lauded the element of variety in the selection of topics and termed the event as a practice ground for the competitors.

PRCS Workshop on Youth Leadership

Reported by: Sania Sabir

A three day workshop was arranged by Pakistan Red Crescent Society on "Youth Leadership, Team Building and Disaster Management". Thirty students from different institutions of Balochistan including Eight students from BUIITEMS participated in the workshop. Students from BUIITEMS were:

- ❖ Qazi Habib
- ❖ Mohsin Khan
- ❖ Kaleemullah Tareen
- ❖ Israr Tareen
- ❖ Faizan Khan
- ❖ Sania Sabir
- ❖ Sana Ali
- ❖ Waheed ullah Shah.

Three students from BUITEMS were chosen as facilitators and trainer of the workshop. Mr. Jahangir Khan Bazai BS (Textile Engineering) was the facilitator for Youth Leadership and Team Building, while Mr. Basim Ahmad BS (Social Sciences) and Mr. Sohail Mushtaq (MBA) were facilitators for Disaster Management Workshop.

On the closing ceremony, the chief guest was Mr. Sabir Durrani, Secretary PRCS. In his concluding address, he remarked that volunteers from BUITEMS always stand out. This speaks volumes of the standard of grooming being done at this institution.



Mr. Jahangir Khan receiving shield

BUITEMS Online Admission System

Reported by: Abdul Wahab

Directorate of IT launched BUITEMS Online Admission System in Seminar Room 1 Takatu Campus on August 3, 2010. Prof. (Dr) M. A. K. Malghani Pro Vice Chancellor / BUITEMS was the chief guest on the occasion.

Mr. Manzoor Hussain Registrar BUITEMS, Deans of Faculties, Chairpersons and Directors also participated in the launching ceremony. The event commenced with the recitation of verses from the Holy Quran. Mr. Ateeq Jaffar, Webpage Administrator presented an outline of the Online Admission System and described the various stages from calling for applications to the final selection on merit in each program of study. Mr. Arif Qazi, Incharge CMS elaborated the arrangements in detail and responded to the queries from the participants. The credit for the development of the program for online admissions goes to Ms. Hafsa Ashraf (Functional Lead) and Mr. Ateeq Jaffar.



Online admission session in progress

Prof. (Dr.) M.A.K. Malghani appreciated the efforts of the ICT team regarding the launching of this unique system. BUITEMS has once again taken the lead in adapting its functions to developments in modern technology.

Free Medical Camp

Reported by: Ms. Imrana Niaz Sultan

A free medical camp was organized on August 3, 2010 at the City Campus under the aegis of Faculty of Life Sciences and Informatics. The focal organizer of the camp was Ms. Imrana Niaz Sultan. Facilities for different medical tests like Hemoglobin test, Blood Glucose Level test, Blood Group Determination, Body Mass Index (BMI) test and Dental and Physical examinations were available at the camp under the supervision of renowned medical specialists and technicians. The free medical camp was inaugurated by Mr. Munir Kakar Controller

Examination, BUIITEMS. He expressed views on motivation and appreciated volunteerism and the splendid effort by the Faculty of Life Sciences & Informatics for a noble cause. Deans, Directors, Chairpersons and a large number of students were present at the inauguration session.

The objective of this camp was to provide an opportunity to the entire BUIITEMS family to have essential medical tests and checkups carried out.



Blood pressure of a student being checked

There were 3 doctors, 2 medical technicians, and 35 volunteers who rendered services for this noble cause. Over 800 medical tests were performed and instant reports were provided to the individuals.

The free medical camp was an initiative for the students of Faculty of Life Sciences and Informatics to make them utilize their knowledge, skills and expertise with zest and devotion.

The students also got a platform for participation, contribution, and expression of a sense of belonging to BUIITEMS through volunteer service.

Seminar on “Research Methodology in Psychology”.

Reported by: Ms Ayesha Manzoor

Department of Social Sciences organized a one day seminar on Research Methodology at Takatu Campus on 4th August, 2010. Dr. Anila Amber Malik Assistant Professor University of Karachi was the resource person and Prof. Dr. M. A. K. Malghani was

the Chief Guest. Students of BS (Psychology) and BS (International Relations) attended the seminar along with senior faculty members from all faculties of BUIITEMS. Ms. Batool Ishaq, Lecturer Department of English conducted the seminar. Ms. Ayesha Manzoor from Department of Psychology was the Chief Organizer of the seminar.

Dr. Anila Amber Malik made a comprehensive presentation on Research Methodology and covered all aspects in reference to social sciences especially Psychology. The presentation was followed by a question answer session in which students raised very interesting questions.

At the end Prof. Dr. M. A. K. Malghani addressed the audience and thanked the learned scholar for her comprehensive presentation. Prof. Dr. Mohammad Nawaz Dean Faculty of Arts and Basic Sciences, Prof. Sultan Mehmood Niazi, Director Communications and Ms. Ayesha Manzoor also expressed their gratitude to Dr. Anila Amber Malik for her scholarly talk.

Workshop on “Understanding of Degree Supplement Form (DSF) and its Effective Implementation in HEIs”

Reported by: Manzoor Hussain

Degree Supplement Form (DSF) is a tool for providing independent data to improve international transparency and fair academic and professional recognition of qualifications. Higher Education Commission of Pakistan held a workshop titled “Understanding of Degree Supplement Form (DSF) and its Effective Implementation in HEIs” on August 10, 2010 for Balochistan region in the Video Conferencing room of Sardar Bahadur Khan Women University Quetta.

Mr. Manzoor Hussain Registrar and Prof. (Dr) Mohammad Nawaz Dean FABS participated in this workshop from BUIITEMS.

Ms Sultana Baloch, Vice Chancellor SBK Women University, chaired the sessions. Dr. S. M. Raza Advisor (QA&LI) HEC Islamabad welcomed the participants while Ms Batool Zia Director General (QA&Stat) gave a brief overview of Degree Supplement form via video conferencing.



DSF Workshop in progress

Engr. Muhammad Ismail, Director QEC NUST was the guest resource person who made the major presentation on the concept and held a very informative question answer session. Mr. Abid Hussain Director (A&A) HEC briefly talked about online degree verification. Finally Mr. Munir Ahmed Deputy Director (QA) HEC gave a demonstration on anti-plagiarism service "turnitin".

Faculty of Arts and Basic Sciences Holds Meetings of Boards of Studies

Reported by: Tariq Mehmood

Curriculum review is essential for imparting quality education to the students. BUIITEMS frequently reviews curricula of its programs and updates them in the light of latest developments in the cognitive and pedagogical domains. Faculty of Arts and Basic Sciences held meetings of Boards of Studies of International Relations, Mathematics and Psychology during the last quarter. Eminent scholars from respective fields contributed towards the betterment of the schemes of studies, course outlines and pedagogy of their respective disciplines. Meeting of the board of studies for International Relations was held on 10th of May, 2010. Professor Dr. Shaista Tabassum from University of Karachi, Dr. Abdul Mannan Bazai and Dr. Zahid Marwat from University of Balochistan participated in the meeting and made valuable contributions. Participants from BUIITEMS included Mr. Tariq Mehmood, Mr. Haider Iqbal and Mr. Abdul Wadood. Mr. Aurangzaib Alamgir, a visiting scholar

from the University of Malaya participated as the co-opted member.

Meeting of the Board of Studies of Mathematics was held on 12th of July, 2010 in the conference room of new hall at Takatu Campus. Prof. Dr. Lala Rukh Kamal from University of Balochistan was the external participant. Participants from BUIITEMS included Prof. Dr. Muhammad Nawaz, Prof. Dr. Ansaruddin Syed, Mr. Nadeem Raza and Ms. Sahar Raza. The Board thoroughly revisited the curricula for BS (Mathematics) and MS (Mathematics) programs and made several recommendations for bringing the curricula in line with practices in vogue at top ranking universities of the world.

Meeting of the Board of Studies of Psychology was held in Conference Room of Takatu Campus on 5th August 2010. The meeting was chaired by Prof. Dr. Mohammad Nawaz, Dean Faculty of Arts and Basic Sciences. External members who attended the meeting were Dr. Anila Amber Malik from University of Karachi, Dr. Azam Tahir and Mr. Aziz-ud-din Agha from University of Balochistan. Prof. Sultan Mehmood Niazi, Mrs. Ayesha Manzoor, Mr. Abdul Wadood, Mr. Tariq Mehmood and Qari Arshad Yameen participated from BUIITEMS.

The board thoroughly deliberated, intensively worked on the agenda and revised the scheme of studies and course outlines for imparting in-depth knowledge of the subject to the students.

The Board suggested several new books for studies related to various courses.

BUIITEMS Scholar gets Excellence Award

Reported by: Dr. Dost Mohammad Baloch.

Dr. Mohammad Azam Kakar, Faculty of Life Sciences and Informatics, BUIITEMS had the distinction of being awarded Khan of Kalat Mir Ahmed Yar Khan (Late) Award at a ceremony held at Hotel Quetta Serena on August 11, 2010. The ceremony was a part of celebrations marking the International Youth Day. Extra ordinary services rendered by prominent persons for the betterment of human beings were recognized under the aegis of the Balochistan Youth Front (BYF).

Mr. Manzoor Ahmed Kakar General Secretary of BYF was the Chief Organizer of the program, while Engr. Zamrak Khan Provincial Minister for Revenue was the Chief Guest. Mir Ismail Lehri, President BYF stated the aims and objectives of the organization and eulogized the commendable services of those who had worked hard for the improvement of living conditions of the people of Balochistan.



Dr. Azam Kakar receiving the Gold medal

They were distinguished with the award of Gold Medals and certificates of excellence. The Provincial Minister paid rich tributes to Dr. Mohammad Azam Kakar for his valuable services in the field of Biological Sciences and exhorted him to continue working further for the improvement of life conditions in Balochistan. He remarked that BUITEMS stood as a symbol of hope and prosperity in the province and Dr. Azam Kakar, as a faculty member of the university had succeeded in upholding the standard and fame of his institution. He hoped that Dr. Azam would continue adding new knowledge for the amelioration of the condition of the poor.

Scholarships Cheques Distribution Ceremony

Reported by: Muhammad Shah Khan

BUITEMS provides fee concessions to the students from lower income groups. This facility is linked with the need and performance of a student. The university has established the Directorate of University Advancement and Financial Assistance to explore new opportunities for addressing the financial needs of students.

HEC-USAID Need Based Scholarships and HEC-Japanese Need Based Scholarships provide help to those students who face difficulty in continuing their studies owing to financial hardship. On August 8, 2010 Vice Chancellor Engr. Ahmed Farooq Bazai distributed cheques amongst the awardees of the two scholarship schemes at a ceremony held in the seminar room of New Academic Block at Takatu Campus. A large number of students, their parents, faculty members and administrative staff were present on the occasion.



Participants of the cheque distribution ceremony

In his address, Vice Chancellor Engr. Ahmed Farooq Bazai extended greetings to the students and their parents on getting awards. He advised the students to focus on their studies and achieve excellence in their respective disciplines as the scholarships would serve to ease their financial strain. He emphasized the role of youth in bringing peace and prosperity to the nation and in reversing the trend of deteriorating law and order situation. Also present on the occasion were Pro Vice Chancellor Prof. Dr. M. A. K. Malghani and Deputy Director UA&FA Mr. Mohammad Shah Khan.



Vice Chancellor handing over cheque to a student

Parents of scholars also expressed their views on the occasion and expressed satisfaction over the quality of education being provided at BUITEMS. They also thanked USAID and Japanese Government authorities for their valuable contribution to the education of their children.

Research Publications of the Faculty of Life Sciences.

Reported by: **Dr. Dost Muhammad Baloch**

Two valuable research publications by BUITEMS scholars appeared in prominent research journals of the country during the quarter July - September, 2010. Dr. Mohammad Saeed's paper on 'Effects of Light and Temperature on Seed Germination of Three Species of Labiatae' was published in BIOL (E-Journal of Life Sciences) 1(3) . 44-51, 2010 on August 31, 2010 while Mr. Naseebullah Kakar's Paper on "Epidemiology of Van der Woude Syndrome from Mutational Analyses in Affected Patients from Pakistan" was published in the journal named Clinical Genetics Vol. 78 (247-256) by John Wiley & Sons A/s 2010. Their contributions in relative disciplines are regarded with esteem and BUITEMS Newsletter offers them tributes for their valuable achievements.



Mr. Naseeb Ullah



Dr. Saeed

Abstracts of their research are reproduced below for the benefit of readers.

EFFECT OF LIGHT AND TEMPERATURE ON SEED GERMINATION OF THREE SPECIES OF LABIATAE

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

ABSTRACT

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

EPIDEMIOLOGY OF VAN DER WOUDE SYNDROME FROM MUTATIONAL ANALYSES IN AFFECTED PATIENTS FROM PAKISTAN

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

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

ABSTRACT

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

Another Distinction Achieved

Reported by: **Manzoor Hussain**

Balochistan University of Information Technology Engineering and Management Sciences (BUIITEMS) achieved a memorable distinction when it was awarded 'License of Professional Engineering Body' by the Pakistan Engineering Council, under byelaw 16 of PED Byelaws-2006.

The license authorizes BUIITEMS to carry out "Continuing Professional Development (CPD)" programs and activities, on the basis of accreditation of engineering programs of the university. Pakistan Engineering Council recognized the continuous growth of BUIITEMS in terms of imparting quality education in the field of Engineering.



A facsimile of the PEC license

This remarkable achievement is the fruit of determined leadership of Engr. Ahmed Farooq Bazai, Vice Chancellor and his dedicated team of colleagues. With continued adherence to BUIITEMS vision and mission, it is hoped that this university would achieve greater distinctions in future.

Re-Accreditation visit of Pakistan Engineering Council

Reported by: **Dr. Ehsanullah**

Pakistan Engineering Council team visited BUIITEMS, Takatu Campus for two days on 1st and 2nd Oct. 2010 for the re-accreditation of different engineering disciplines. PEC Team first had a meeting with the worthy Vice Chancellor Engr. Farooq Ahmed Bazai, who briefed them about the state of engineering education at the University. The Chairpersons of the concerned departments presented the information relevant to their

departments before the committee. The team also visited the office of the Controller of Examination where they were enlightened about the examination system and the grading criteria etc.

The PEC Accreditation committee was briefed about each Engineering program by the concerned chairperson and visited various areas of university. The team monitored and evaluated all the engineering programs being presently offered.

The Panel also visited the Directorate of Information Technology BUIITEMS where they were briefed about the state-of-the-art ERP Software which is running in six elite universities of Pakistan.



Vice Chancellor exchanging views with the guests

They also went around the Laboratories and the Library. The following Engineering programs are being offered at Faculty of Engineering and Faculty of Information & Communication Technology:

1. **BS Chemical Engineering**
2. **BS Petroleum & Gas Engineering**
3. **BS Textile Engineering**
4. **BS Electronic Engineering**
5. **BS Telecommunication Engineering**
6. **BS Computer Engineering**

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

BUIITEMS hosted a dinner at Quetta Club in honor of the visiting PEC team.

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



A view of dinner at Quetta Club

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

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