



BALUCHISTAN UNIVERSITY OF INFORMATION TECHNOLOGY
& MANAGEMENT SCIENCES, QUETTA

Newsletter

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Editorial

Balochistan University of Information Technology & Management Sciences Quetta believes in strong bondage with society. We realize the needs of society in this era of Information Technology. Well-educated people being ignorant of computer usage, house wives unable to use the Internet and software, which is extremely helpful for their daily life, is simply unacceptable. Children have excellent reflexes and can learn really fast; However every child doesn't have access to computer and Internet at home. There are two aspects to be taken care of: first, people have means to buy the paraphernalia related to Information Technology but do not have access to persons who can teach them its use; second, people are eager to know about Information Technology but do not have means to buy the computer and related accessories. We at Balochistan University of Information Technology & Management Sciences have plans and vision to address to both aspects. For those who have means, we provide free access to our facilities along with expert guidance. This is what we mean by our Fee IT Awareness Programme whose second phase started on 5th August and lasted until 30th August 2003.

Workshop on

Research Funding Mechanism
& Strategies for Winning Research Grants
August 04, 2003

A workshop on Research Funding Mechanism & Strategies for Winning Research Grants was held in the auditorium of Balochistan University of Information Technology and Management Sciences on August 04, 2003. Following issues were discussed in the conference:

- ▶ Cost incentives and obstacles for implementing sustainable research management.
- ▶ The provision of earmarked funds to achieve specific purposes, including targeted redress of inequities in access and capacity, and planned improvements in operational efficiency.
- ▶ Status of financial assistance for research.



- Innovative funding mechanisms, and effectiveness of funding and in country co-ordination between financing institutions.

There were 40-50 individual participants from different universities, educational institutions and R & D organizations. People from government entities, private sector, financial institutions, inter-governmental organization and non-governmental organizations also participated. Organizing committee of the conference comprised of

1. **Dr. Muhammad Hussain**
2. **Dr. Shafiq-ur-Rehman**
3. **Dr. M.A.K Malghani**
4. **Mr. Irfan Ahmed**

As a result of this workshop co-sponsors produced a report containing a list of innovative policy options, recommendations and forward looking approaches to strengthen the coordination and mobilize support for research sector and related aspects of sustainable development.

The conference was stretched over three sessions.

Session-1

This session included the topic on aims and objectives of the seminar by Dr. Shafiq-ur-Rehman keynote addressed by Dr. Muhammad Abbas Choudhary Vice Chancellor BUITMS followed by the address of Mr. Younas Changezi, who graced the occasion in the capacity of chief guest on behalf of honorable Chief Minister of Balochsitan Mr. Jam Muhammad Yousaf. Dr. Shafiq - ur-Rehman was the coordinator for this conference, which was sponsored by PSF (Pakistan Science Foundation). Mr. Ikramullah Khan, lecturer Department of Computer and Emerging Sciences, conducted the proceedings of this conference.

Dr. Shafiq-ur-Rehman

“The industrial Revolution has brought about the emancipation of labor by using mechanical power to magnify human muscle power. In recent years many have observed that a second industrial revolution is under way with the application of scientific knowledge to management. The manifestations of this revolution are seen on every hand. The explosive growth in the use of computers and growing awareness in the use of management information needs are obvious indicators of this trend.”

Moreover he gave few major reasons for the research being under-valued in many places.

- “Research must be viewed as a tool, not an end in itself.



- Researchers should themselves become more active in the dissemination and application of their work.
- Greater emphasis should be given on the private sector, particularly the industrial sector, as a source for research.
- The results of the research are not always applied well. This is due to lack of dialogue between researchers, implementers, and the end users.”

Dr. Muhammad Abbas Choudhary Vice Chancellor

“Any activity classified as research and experimental development is characterized by originality; most higher education research work would qualify as research and experimental development.



Writing the text of the research plan is only half of the work. The rest is assembling budgets, getting the proposal through internal reviews, etc. It takes about 120 hours, broken into many segments, to write a typical proposal. A primary reviewer spends an average of 7-8 hours reviewing the proposal. Revise, revise again, and give yourself plenty of time to do it.

A good idea is necessary but not sufficient. You must develop your idea in a clear, attractive, persuasive and convincing way.”

Get someone very knowledgeable in your field, an intelligent non-expert, and a good scientific editor for

review of proposal.

“Don’t ever assume the reader knows what you mean; explain it. Answer the question: Who, What, How, How Much, Why are you doing the work, Why is it worth doing, Where is the work going? Follow the rules on format, length of various sections, and elements to be included. Don’t get creative, give the reviewers all the information they need in the format they expect to see. Try to get a copy of a successful grant as a model. Tell the reviewers what you are going to, and then tell them what you told them. Write the abstract at the end.”

“Think like a scientist. Define problems, ask questions, formulate hypotheses, and design experiments that test the hypotheses.

Get inside viewer’s head what does reviewer really look for?

Little things mean a lot. Reviewers like attention to details, good grammar, correct spelling, no typos, following the instructions, an easy-to-read format, and neatness. Reviewers don’t like surprises—altered format, instructions ignored, and information missing or abundant to the appendix rather than placed in the body of proposal.

Always be prepared to revise. Take reviewers’ criticism seriously.”

He suggested the following Basic Principles for Winning Research Proposal.

- ▶ A good idea is necessary but not sufficient
- ▶ A successful grant application is an exercise in communication..
- ▶ The system helps those who know the system.
- ▶ Don’t quit; revise and submit.
- ▶ Know the donors.
- ▶ Know the funding limits.
- ▶ Know your colleagues and ask them for help..
- ▶ Know yourself; time, capabilities and limitation.
- ▶ No substitute for good idea; know your subject

Chief Minister’s Address

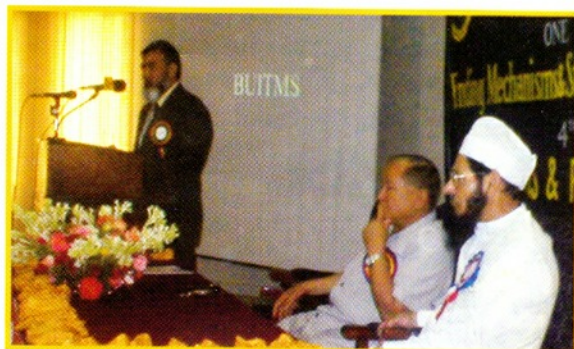
read by

Col. (Rtd) Mohd Younas Chungezi

Dear Respected guests, Students, Participant of the Workshop, Ladies and Gentlemen,
Assalamo Alaikum!



Indeed I am pleased to be here, today, for the first time in the third University in Balochistan province i.e. the recently established Balochistan University of Information Technology and Management Sciences (BUIITMS) a university established and progressed with an unusual pace. As all of us know that work on BUIITMS started in the second week of September 2002 and in the first week of October the same year it was already functioning as a university for all practical purposes with its unique style and culture that is based on meritocracy and strive to create an exciting cutting-edge academic and learning environment. I am glad to learn that the University has already planned to start PhD in Management and Economics. In the shortest possible period of only nine months the University has not only launched five different disciplines under its Bachelor programs and three under the Master programs, but has also been successful in making academic and curriculum arrangements for start of PhD Program this is, no doubt, unbelievable but highly praiseworthy. The University has the best available teaching faculty that can compete with any comparable top universities of the country. Before coming to this auditorium I was shown the classrooms, computer laboratories, and the library and I have no hesitation to declare these facilities, and the developed environment as an excellent start. I can foresee, explicitly, emerging of a finest higher educational facilities, where the student-computer ratio is one-to-three and where Internet is available 24-hours in the fully networked environment, the semester fee is just Rs. 11,500. This is far less than those comparable universities and institutions, which charge Rs. 35,000 to 50,000 for a semester. No doubt BUIITMS has laid foundations for creating a place that is accessible to those who have the learning abilities and can be selected on scholarship program and the fees concession policies of the University that is based on the criterion: “ability to learn and not ability to pay”, I am convinced that all our able young people who fulfill the merit of BUIITMS would find secure places in the respective academic programs of the University. Now, let me share some of my ideas about the realities surrounding us, and the expectations that our universities can fulfill.



According to the narrative of national life articulated by our intellectuals, politicians and the media, the economic mismanagement of the past, the poor condition of our educational institutions, the weak and poverty ridden social life of our cities and villages, and in the same time our strong desires to stand by the developed nations of the world had made us to think over changing Pakistan.

But has our desires and vision about the need to bring a qualitative change in our society, infact, revolutionized? In our institution we are slow to draw such conclusions. We need more time. We need to let the clear light of objectivity illuminate these events of apathy towards the national goals before we settle into any final analysis about its meaning. But we are asked—we are expected—to join in the collective process of making meaning, to shape the continuing narrative of public life. We either join that process now, engaging the deep resources of our colleges and universities, or we stay on the sidelines. Much is at stake and much is expected of institutions with such a concentration of wisdom.

Our Pakistani universities have been modeled chiefly upon those of the British. Until comparatively recent years when one spoke of the English university it was to the Oxford or Cambridge type that he referred. Therefore the most part, the advantages of higher education were confined to the privileged few. The students were drawn largely from the landed, the titled, and the richer classes. The university was in league with the aristocracy rather than with the great body of the people. Provision was made by which some were admitted simply on the score of talent or attainment, for there were scholarships available under certain conditions for young men of exceptional ability, but the education offered was, as a rule, for the sons of the privileged classes.

In Pakistan, how ever, gradually we have come to acknowledge the university education not as the exclusive property of the well to do, a preserve for the children of the privileged, but as an advantage that should be opened as far as possible, to all who have brains and energy to avail themselves of it. We are a democracy we think that no man among us should be doomed to an inferior place by reason of birth, but that if he is gifted with superior talents the way should be opened for him to make the best of himself for the benefit of the whole community. We want to make the most of ourselves as a people, to make the best of the youth of our country on whom its future depends to develop their intelligence, their love of truth and righteousness, their power of forming wise judgments and correct opinions.

We want them to have increasing capacity for handling these sources of the country, for dealing with the

problems of commercial, social and political life, while at the same time they should be as familiar as may be with the best thoughts of the best thinkers, and have their life enriched with the ripest fruits of the generations that have gone before us. We want them to be fit in the fullest degree for citizenship in this country, which, more than any other country is opening out with amplest and most attractive opportunity.

I am confident that the nation will overcome this challenge as well and the existence of institution like BUITMS are evident of our commitments, abilities, and potentials.



So we're up to the task of coping with transforming events. I would now like to suggest two different approaches for tackling this harder work. The first approach is to acknowledge the critical role of all great Pakistani universities as an environment where we constantly live with competing tensions. Enlightenment universities were established with the idea that there is a unity of knowledge, and truth is there for human discovery. The last half-century of higher education has given reasons to believe that the universities are becoming the sources of our weaknesses as a nation and these are reflected by the lawlessness, undue political activism, absence of academic and research environment and what not. Today, the university role is becoming stronger in providing industry-required output. Not only do the universities help to educate public opinion and to shape the decisions and demands of the people, but also they help the community to cherish the higher ideals and standards of life. The university stands for what is lofty in thought, for the pursuit of wisdom and the love of truth as ends in themselves and not as mere means for amassing wealth. We are entering on a period of industrial and material development. We need all the influences that can help us to maintain correct ideas and ideals of national life, and to remember that for neither man nor nation does life consist in the abundance of what we possess. It is part of the duty and privilege of

universities to keep the hearts of the people true to lofty purposes, as well as to strengthen them in faculty for the achievement of such purposes. In this high endeavor there should be the closest union of all university people, for there should be no envy or jealousy in the fair sisterhood of universities. Ours is a country that may well call forth the most fervent hopes of her sons, and there is laid upon our universities in a special degree the duty of striving so to influence the people that Pakistan shall stand, as our great mother, for helpful and successful effort towards the progress and enlightenment of the world



However, let me underline a fact that the Pakistan's public sector/ government institutions have no more great resources to offer jobs to millions of graduates coming out of the universities, every year with very weak academically and technically developed background. Pakistan has to compete in the environment of globalization and this journey is unthinkable without strong universities where academic discipline and research environment should be the leading priorities. I am glad to see the joint efforts of the BUITMS and the Pakistan Science Foundation in educating the concerned people in designing the research proposals and in learning how to develop mechanisms and strategies to win research grants. In my personal opinion such initiatives would result in inculcating the research culture in our academia and students in both way. At first it will change the un-academic environment to a



competitive research oriented academic environment and on the other hand it will make the graduates stronger products for our respective industries and the economy as a whole once they accept the taste of research and development



A second approach involves another university responsibility—to build culture—to build a "national" culture. When the modern university was born in 19th century in Germany, it played an instrumental role in bolstering the German nation. In our country, higher education played a similar role in the decades of 1960's but the later regional and national socio-political conditions reversed that positive culture. Presently, the government is trying its level best to strengthen the universities so that they are able to contribute in developing the required national culture. The federal Government under the leadership of the President, the Prime Minister, and the Chairman Higher Education Commission, has increased the funding to universities to about 5.000 billion rupees, which indicates their commitment to make these institutions stronger. The Balochistan Government assisted BUITMS not only in allocating this beautiful building for its immediate launching, but also, as I am glad to announce today, in providing 400 acres of land for construction of its University Complex at Daman-e-Koh, Hazaganji. Inshaallah, the University would find the Provincial Government on its side when and where our inputs are required for creating a discipline, competitive, and quality learning environment in the Province. I am pleased to announce Rs. 20.000 million as grant-in-aid out of my special funds for BUITMS and expect that this will be utilized in an efficient manner for further improvement of the faculties, students learning facilities, and hiring of best available teachers for the dissemination of education in the field of computer science, computer engineering, electronics engineering, and management sciences.

Pakistan Zindabad!

Session-2 & 3

In this session representatives from following organizations presented their papers.

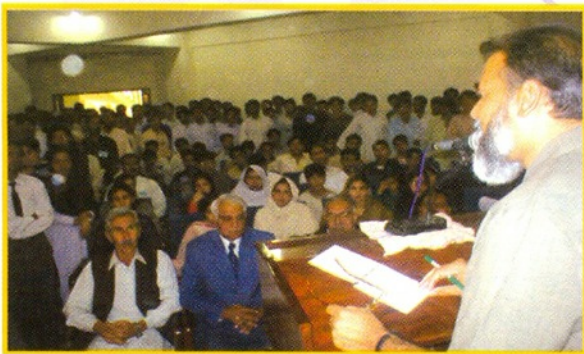
- Higher Education Commission
- PTCL R & D Fund
- Pakistan Science Foundation
- Ministry of Education

The session ended with the vote of thanks and recommendations.

IT Awareness Programme (August 04-30, 2003)

University of Information Technology and Management Sciences is committed to bring IT awareness in society at large. In the first year of its existence, the University has arranged 2 free IT courses for dissemination of knowledge in the domain of computer literacy to the common populace of Balochistan.

The 2nd free IT course commenced from 4th August and was carried up to 30th of August. The Programme was organized by the students of BUITMS who voluntarily arranged the classes during their one- month semester break.



A total of 415 persons from different walks of life registered for the course out of which 370 participated, 314 male and 56 female. Among them there were 27 (14 boys and 13 girls) children below the age of 15 years. People from different professional groups also acquired this training. This category included 5 doctors, 5 teachers, 3 lecturers, 2 engineers, 1 news reporter and 1 article writer. Mr. Abdul Qadeem Kakar and Miss Fozia Inayat were the Chief Coordinators of the course. Following senior students of the university imparted it training

to the participants voluntarily: Ali Rind (Head), Somia Malik, Sumbal Malik, Mehwish, Safa Anjum, Nayaf Bugti, Javed Hasni, Atif Iqbal, Atif Younas, Abdul Qayyum, Rehmatullah, Jumma Khan, Rehman Mahmood Butt and Zafar Saeed.



BUITMS Participated in ITCN Asia Exhibiton (August 09-11, 2003)

ITCN Asia Exhibition is where you see new technologies and solutions in action. It is the electronic business event for the enterprise decision-makers in this region.

BUITMS played the role of a major participant from Balochsitan in this exhibition. Spanning three days (August 09-11, 2003), the exhibition at Karachi Expo Center, provided BUITMS with a desired opportunity where potential of our beloved province could nicely be projected.



Automatic Canal Distribution and Flood Control System

(By Manzoor Khilji & Ikramullah Khan)

The control of barrage/dam gates in Pakistan is manual, hence somehow it is an inefficient procedure for canal distribution & flood control. Manzoor Khan Khilji of BUITMS provided an effi-

cient solution of automatic flood control system. In this system barrage/dam gates are controlled through computer. The hardware which was involved in this system is micro controller, based circuitry, computer and different electronic components. The best thing about this project is that gates can be controlled remotely.

This project was presented in ITCN exhibition and caught everyone's eye. The prototype of this project including Mechanical and Microcontroller based Electronic Circuitry interfaced with Computer and especially the practical demonstration attracted most of the visitors in particular the officials from Naval Department, Minister for IT Department, Government of Punjab and students of Engineering universities.

www.balochistan.gov.pk

(By Asif Naeem, Talha Shah Rukh & Khurram)

The official website of Balochistan Government developed by BUITMS added the best of its part in letting people know about Balochistan. The website was exhibited at ITCN.

Vice Chancellor Visited ITCN

Worthy Vice Chancellor BUITMS Dr. Muhammad Abbass Choudhary guided and appreciated the efforts of exhibitors from BUITMS. The honorable VC remained active participant in giving the stall an appreciable look. He encouraged the participants and said that BUITMS will be in much better position in future exhibitions. He paid several visits to ITCN during his three days stay at Karachi and also attended the ITCN conferecne.

Balochistan IT Minister Visited ITCN

Minister for IT Government of Balochistan, Maulana Muhammad Hussain Sherudi paid visit to ITCN Asia on August 11, 2003. He spent some of his precious moments with participants at Balochistan IT Department stall. He appreciated the efforts of participants.



Dignitaries who visited BUIITMS stall at ITCN

- Federal Minister Mr. Liaquat Jatoi
- Minister of IT Department, Government of Punjab.
- Minister of IT Department, Government of Balochistan.
- MPAs of Sindh Assembly.
- Officials from Armed Forces.
- Secretary of IT, Government of Sindh.
- Officials from Multinational Companies.
- Vice Chancellor BUITMS.
- Additional Secretary for IT Department, Government of Balochistan.
- Deputy Secretary IT Department, Government of Balochistan.
- Professors of different universities.

Admissions fall Semsteser 2003

BUITMS received a big response from the students of Balochistan for the admission of Fall Semester 2003. The details of each discipline are as follows.

Course	Students	Students Selected
BS (CS)	114	71
BS (CE)	97	77
BS (EE)	82	71
BS (BA)	247	124

BUITMS had arranged the entry tests not only at Quetta but also at Loralai, Turbat and Khuzdar. All the teams received very good response for all of the offered disciplines by BUITMS. The tests at Loralai, Turbat and Khuzdar were conducted on 25th while the test and interviews at Quetta were conducted on two consecutive days that is on 25 & 26th August 2003. Candidates for admission to BS (CS), BS (CE) and BS (EE) appear for and exclusive on-line test and were interviewed on 25-8-2003 while the candidates for admission to BS (BA) went through the test and interview on 26-08-2003. Entry test at Quetta was conducted online.

The team that was sent to Loralai included Mr. Jahanwesh Karim and Mr. Habib Mengal. Team that went to Turbat included Mr. Khalid Mengal and Mr. Aftab Sheikh. The team that went to Khuzdar included Mr. Abdul Raziq and Mr. Sohaib Majeed. The qualifying criteria for admission in BS(CE) and BS (EE) was that the candidate should have scored at least 50% marks in the intermediate and should have scored 9 or more marks out of 25 in the entry test. The criteria for admission in BS (CS) and BS (BA) was that the candidate should have scored 9 or more marks out of 25 in the entry test. Once these students were selected, a merit list was displayed on the university notice board at 2:00 p.m. on 30th of August and uploaded on the website of BUITMS at the evening of the same day.

This merit list was prepared on the basis of the descending order of the total percentage. This total percentage had 50% weight from intermediate, 30% weight from matriculation, 25% marks from the entry test and 5% weight from the interview. The top 10% students in each discipline has been given scholarship.

Second Meeting of the Syndicate (27th August, 2003)



Second meeting of the Syndicate of Balochistan University of Information Technology & Management Sciences was held on 27-08-2003 at 9:00 a.m

Dinner in the honor of members of Syndicate 2003

A dinner was hosted in the honour of the members on 26-08-2003 at 8:00 p.m. The Chancellor/ Governor of Balochistan, his Excellency Mr. Owais Ahmed Ghani, Federal Minister for Education Madam Zubaida Jalal were also present among the honourable guests. Other dignitaries included, Justice (Rtd) Amir-ul-Mulk Mengal ex-Governor Balochistan, Justice (Rtd) Abdul Rasheed Vice Chancellor University of Balochistan, Mr. Munir Ahmed Badini Secretary Education Govt. of Balochistan, Mr. Mian Muhammad Javaid Chairman PEMRA, Dr. A.Q. Mughal (HEC), Dr. M. Ayub Alvi (FAST) Islamabad, Dr. Shafi Shumyal (LUMS), Prof. Fazal Haq Mir (Tamir-Nau Education Foundation) and Prof. Barkat Ali (IMS University of Balochistan).



The Syndicate meeting

The Meeting Started at 9:00 a.m. in the Syndicate room of Balochistan University of Information Technology & Management Sciences. The meeting was chaired by Dr. Muhammad Abbas Choudhary, Vice Chancellor Balochistan University of Information Technology & Management Sciences. Meeting started with recitation of verses from Holy Quran by Dr. Muhammad Hussain. Dr. Muhammad Abbas Choudhary presented the report of academic and administrative development of the University.



After that the Syndicate thoroughly deliberated on the working paper for second meeting. The meeting lasted until 2:00 p.m. The lunch was served at 2:30 p.m. after which the honourable Federal Minister for Education Madam Zubaida Jalal and other members of Syndicate visited the University Campus and conversed with the participants of 2nd Free IT Awareness Program of BUITMS.



Visit By Prof. Dr. Atta-ur-Reham

Prof. Dr. Atta-ur-Rehman Federal Minister for IT for Science and Technology and Chairman High Education and Dr. Akram Shaikh Executive Director HEC, and Chairman Pakistan Engineering Council visited Balochistan University of Information Technology & Management Sciences on 29th August 2003 at 3:30 p.m.

In the Syndicate Room

On their arrival, the honorable guests were accompanied by Dr. Muhammad Abbas Choudhary, Vice Chancellor Balochistan University of Information Technology & Management Sciences and the faculty members. In the Syndicate room, Dr. Muhammad Abbas Choudhary gave a brief presentation about functioning of the university and its philosophical theme. The conceptual pillars of the BUITMS are, the student, faculty, learning environment and the society. In reference to bondage with society, he referred to the ongoing Free IT Awareness Program of BUITMS. After Vice Chancellor's presentation, Dr. M.A.K Malghani presented aims, objectives / plan for establishment of Biotechnology & Bioinformatics Center at BUITMS

In his informal speech, Dr. Atta-ur-Rehman said that the HEC has several schemes related with faculty exchange, foreign faculty hiring, research, purchase of textbooks, scheme for hiring of retired professors etc and it is up to the academia to benefit from these schemes.

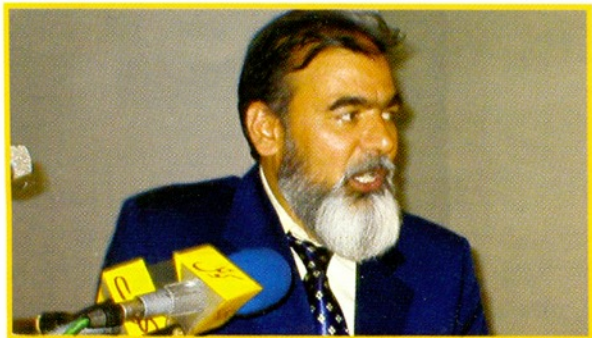
He suggested that the universities should hold annual critical review of their functioning regarding, examination and validity / reliability of test instruments, quality of instruction, validity of syllabi and their coverage. Reviewers must critically look into functioning of a university and should mention the short comings rather than doing unnecessary praise. Reviewers could be from home or abroad.

Welcome Address

by

Dr. Muhammad Abbas Choudhary

After the syndicate room session, the honorable guests were welcomed in the auditorium by the students and faculty of BUITMS. In his welcome address Dr. Muhammad Abbas Choudhary expressed his heartiest gratitude to Dr. Atta-ur-Rehman, a tireless and eminent scientist, for visiting BUITMS.



He recalled that two years ago, when President of Pakistan General Pervaiz Musharaf announced that there should be a new university in Balochistan, Dr. Atta-ur-Rehman was accompanying him. Once it was announced, the ball was in the court of Department of Information Technology headed by Mr. Ayub Baloch. No body could have done better than what Ayub Shib did, he said.



“Boys and girls of Balochistan are equally competent. We are determined to bring the students of Balochistan at par with students of areas of Pakistan and with the help of visionaries like Dr. Atta-ur-Rehman we are going to make it. we are not producing job seekers rather we are aiming at sending job creators to the market.”

Address by Prof. Dr. Atta-ur-Rehman

In his address Dr. Atta-ur-Rehman said that Information Technology has caught every one surprisingly. Two and a half years ago only 29 cities of Pakistan got access to Internet, which comes to about 4 cities per year since the emergence of Internet 8 years ago. Now in the Year 2003

over 1600 cities have Internet access.

We are 40% ahead of India in Internet spread according to UNCTAD report. Fiber link access has increased from 30 to 400 cities have Internet access. Bandwidth has risen from 32 MBps to 600 Mbps in two years.



There are 2.2 million users of Internet. Bandwidth prices have been slashed down from \$87000 per MB per month to \$5800 per MB per month. Our first satellite, Paksat-1 has been launched and is fully functional. Very soon 56 universities will be linked with each other through fiber and radio link. By January 2004, all the universities will have access to 5000 research journals through Internet. It will open a huge window of knowledge for researches. Information Technology is not only about computers, it is about agriculture, games (a market which is bigger than Hollywood in entertainment), biotechnology and so on. Name any field, you will find it linked with Information Technology. He referred to Vice Chancellor's remark that BUITMS is not producing job seekers rather it is committed to produce job creators and advised the students to go to market and establish small companies after their graduation. He recalled discovery of DNA in 1953 by James Watson and Francis Crick who looked at all the available data around and came forward with a beautiful model that headed to a new era: 2.3 billion four-color pearls determine one's complexion color of eyes etc. Deeper one goes into study of nature more surprises one meets with. The theory has tremendous applications in medicine and agriculture and computer science is at the heart of these applications.



He emphasized that one should take pleasure in reading. Reading should cause excitement and sense of relaxation. He said that universities are known for their research impact and number of citations of their academia.



He advised the students to follow the guidance provided by Holy Quran and think deeply about everything surrounding. Do not take every thing in print as an absolute reality. He recalled an event from his own life about finding a mistake in a newly emerging theory in 1972, which won him UNESCO Science Prize. Believe in yourself, he stressed.

After his address to the faculty and students, Dr. Atta-ur-Rehman inaugurated the Biotechnology and Bioinformatics Center. Dr. A.K Malghani briefed the honorable guest about activities of the center and its future plans. Then he visited Dr. Atta-ur-Rehman Center for IT and Telecommunication where Mr. Manzoor Ahmed Khilji demonstrated the functioning of automatic canal distribution and flood control system. Dr. Atta-ur-Rehman also visited the computer labs where the 2nd Free IT Awareness Programme was in progress and had an informal conversation with participants of the training. After having tea with faculty and students the honorable guest recorded his impressions on the guest book.



Visit by Members of Balochistan Public Service Commission

Members of Balochistan Public Service Commission visited the BUITMS and were really very pleased to see the online testing system for induction of students to different courses, as well as job recruitments. They admired the way online tests were conducted.

Welcome to new faculty at BUIITMS

Prof. Dr. M.A.K. Malghani

Joined Balochistan University of Information Technology and Management Science on 24-08-2003 as Director and Dean Research. His present assignments are to develop newly established Center for Biotechnology and Informatics inaugurated by Prof. Dr. Atta-ur-Rehman Federal Minister for Science and Technology and Chairman H.E.C. on 29-08-2003.



Prof. Malghani joined university of Balochistan in 1973 as lecturer and served Institute of Biochemistry and U.O.B. for about thirty years in his capacity as Biochemist, Molecular Biologist, and Dean Research and Director Institute of Biochemistry. He supervised a number of M.Phil. and Ph.D. students in addition to his active involvement in the teaching through out his career. He has about forty national and international publications.

Prof. Dr. Sabir Hussain Usmani

Prof. Dr. Sabir Hussain Usmani did M.Sc (Physics) with specialization in Electronics from Punjab university Lahore in 1973.



He started his career from Aitchison College Lahore and then joined University of Balochistan in March 1975. He earned Master of Electrical Engineering in 1980 from Katholieke University Leuven, Belgium with distinction. In 1983 he completed his Ph.D from Katholieke University, Leuven, Belgium. His sincerity and efforts in IT was recognized by nominating him as a member, IT Steering Committee, Government of Balochistan in 2001. Government of Balochistan proposed his name for Advisory Board on IT and Telecom. He was then nominated as member of advisory board on IT and Telecom, MOST in 2002.

Dr. Usmani is member of various professional bodies. He is lifetime member of Pakistan Institute of Physics and Pakistan Society of Semi-Conductor Technology. He has more than twenty national and international research papers to his credit. He is currently supervising 5 M.Phil and one Ph.D. student. His areas of interest are electrical properties of conducted matter material, environmental pollution and Semi-Conductor physics. Dr. Usmani has recently joined as Chairman Department of Electronics Engineering in the Faculty of Computer and Emerging Sciences. In addition to the membership of different statutory bodies of his parent University, he is also the member of Board of Advanced Studies and Research as well as subject expert of board of study of electronics at Balochistan University of Engineering and Technology Khuzdar. His work on natural zeolite (sample collection from the volcanic area of Balohistan) interest in environmental pollution, semiconductor devices and practical work on Information Technology would indeed bring a constructive impact in the research activities and use of these results for the economic growth of Balochistan province.

Sana Ullah Chughtai (M. Phil)

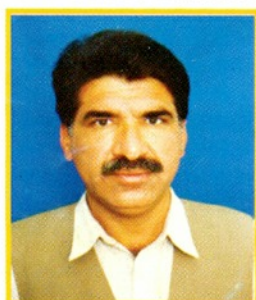
Sana Ullah Chughtai is a Human Genetist and a Research Fellow in the field of Biotechnology and Informatics. He is Graduate from Univesity of Arid Agriculture Rawalpindi and post Graduated from Quaid-i-Azam Univesity Islamabad. He has performed extra ordinary through out his academic career.



Mr. Chughtai joined the BUITMS on 27-08-2003 as Research Associate. He is working with Prof. Dr. M.A.K Malghani at newly established Centre for Biotechnology and Informatics. His fields of interest are Bioinformatics, Molecular Genetics and Computational Biology.

Syed Haider Shah

Syed Haider Shah is a graduate in Statistics from Balochistan University. He had done his M. Phil in Statistics (Statistical Modeling) from the University of Balochsiant. He is also Ph.D Student under the Supervision of Prof. Dr. G.R. Pasha, Dean/Chairman Statistics Faculty of Science, Bahauddin Zakarya University Multan. Mr. Shah's Research interest includes:



- ◆ Econometrics.
- ◆ Experimental Designs
- ◆ Operation Research
- ◆ Quantitative Techniques
- ◆ Statistical Inference
- ◆ Management Science

He has got an experience of 18 years teaching and research in University of Balochistan , Quetta. He has been working as part time teacher in Institute of Management Sciences University of Balochistan, Federal Degree College and Other degree awarding institutions He has got number of Research Articles on his credit.

Forthcoming Events

1. Notification of Time Table 01-09-2003
2. Commencement of BS (CS), BS (CE) 2nd and 3rd Semester classes 02-09-2003
3. Distribution of certificates among Participant of 2nd Free IT Awareness Programme 04-09-2003
4. Quiz Competition. 06-09-2003
5. Orientation for BS (CS),BS (CE), BS (EE) First semester 08-09-2003.
6. Commencement of classes for BS (CS), BS (CE) and BS (EE). 11-09-2003
7. Welcome party to newcomers 25-09-2003
8. Workshop on "Data communication, Computer Networks & Network Security" 26-27 September 2003.



The Newsletter is published monthly. Items and advertisements for inclusion in the Newsletter should be sent to Ms. Fozia Inayat, Faculty of computer and Emerging Sciences before the first day of the month prior to the publication. Telephone 081-9201051 (Ext) 211-219

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