

# Newsletter

September-October, 2004



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Participants of ITCN Asia, 2004

## EDITORIAL

Isn't it wonderful that BUITMS, Quetta is already in the third year of functioning? How time flies! The day is fresh in the memory when in 2001, President of Islamic Republic of Pakistan General Pervez Musharraf and Prof. Dr. Atta-ur-Rahman then Federal Minister for Science and Technology announced the establishment of an I.T university in Balochistan. The university was established through an ordinance on 8<sup>th</sup> July 2002 as the first public sector I.T University of Pakistan. In September 2002, the Chancellor, Justice (R) Amir ul Mulk Mengal, appointed Dr. Muhammad Abbas Choudhary as its first Vice Chancellor. Initially, two faculties were established, namely the Faculty of Management Sciences and the Faculty of Computer and Emerging Sciences. Regular classes for the first batch of 100 students commenced from 14<sup>th</sup> October 2002 in a building provided by the Government of Balochistan. It is now known as the City Campus. BUITMS has completed two years of its commitment to develop and sustain an environment conducive to excellence in learning, teaching, research and dissemination of knowledge.

During these years, technical and financial support of Higher Education Commission has played a vital role in making BUITMS into the highest seat of learning for spreading of knowledge and wisdom in the province of Balochistan. Pakistan Science Foundation also made a profound contribution in the organization of seminars and workshops.

The academia and administration of BUITMS is highly grateful to the experts from renowned institutions, for making excellent contributions in designing the curricula and framing of the rules and regulations as members of the statutory bodies of BUITMS.

The Honourable chancellor, Mr. Owais Ahmed Ghani and ex-chancellors Justice (R) Amir ul Mulk Mengal and Gen. (R) Abdul Qadir made remarkable impact on the rise of this university. Handing over of the building of Bolan Textile Mill for Takatu Campus of BUITMS on 11<sup>th</sup> June 2004 by Mr. Owais Ahmed Ghani, Mr. Liaqat Ali Jatoti Federal Minister for Industries and Jam Mohammad Yousaf Chief Minister of Balochistan is a step that will go a long way in the history of Balochistan. Takatu Campus now houses about 700 students acquiring education in Computer Science, Computer Engineering, Petroleum & Gas Engineering and Textile Engineering. Chiltan Campus at Hazarganji will cater to the needs of disciplines pertaining to Biotechnology & Informatics.

A student is the most prominent pillar of the four pillars of our philosophy i.e. the Student, the Faculty, the Environment and the Society. With the completion of two years of its existence, the student body of BUITMS has grown to 1300. These students are being groomed not only with quality education but also in moral, social and religious upbringing.

*Bright sunshine is forecast for the future!*



## ITCN Asia 2004

**Report by: Dr. Sabir Hussain Usmani**

*(Dean Faculty of Computer & Emerging Sciences)*

ITCN Asia, the biggest IT event of the region organized annually for the last 4 years attracts the largest number of international and domestic buyers of IT Products/Services. Balochistan University of Information Technology & Management Sciences, Quetta made its debut entry in this Mega event of IT in 2003 and this year (August 9-11, 2004) the University participated with greater number of software and hardware related projects and a larger delegate of teachers and students. The aim is to keep our faculty and students up-to-date on the latest developments in their respective fields.

The visionary and constructive approach & ideas of our Honorable Vice Chancellor Dr. Muhammad Abbas Choudhary made it possible to participate in this event with complete financing, reinforced with administrative and moral support.

Prof Dr. Sabir Hussain Usmani was assigned the task as team leader of ITCN Asia 2004. The team included 20 students from different disciplines, 7 faculty and administrative members, and 5 supporting staff members. All the members left Quetta on 7<sup>th</sup> August, 2004 by the University bus; the whole journey was very pleasant and congenial.

BUITMS students displayed projects belonging to Hardware, Web application and Mobile applications categories. The Robotic arm developed by BUITMS students was the centre of attraction for all ITCN visitors.



The stall was organized with the cooperation of IT Department Government of Balochistan for the representation of the BUITMS in particular and Balochistan in general. The students participated in seminars and lectures organized by ITCN Asia. These seminars and lectures dealt with hot topics of IT and communication industry like WLL (Wireless Local Loops) organized by ZTE Corporation Ltd; AMD Process Architecture and Hacking etc.



The stalls of the BUITMS and IT Department Government of Balochistan were inaugurated by The Governor of Balochistan Mr. Owais Ahmed Ghani accompanied by Worthy Vice Chancellor BUITMS Dr. Muhammad Abbas Choudhary and Mr. Mateeullah Agha, Minister for IT Government of Balochistan, who also took keen interest in projects of the students. The students and other members of the team visited different stalls of their interest and domain, in order to get latest information about state of the art tools and technologies. The BUITMS team stayed in the guest house of the public college Karachi, and the principal of the college invited the whole team to a tea party and a visit to the college.



Six projects were selected for exhibition both from software and hardware orientation (3 from each category).

### Summary of the Projects

#### Project 1:

*Demonstration of a Robotic arm Interfaced to PC.*

#### **Team Leader:**

Mr. Shahrukh Khan, (BSCE)-5<sup>th</sup> semester.

#### **Team Members:**

Mr. Zain-ul-Sadqeen Farhan.





The Robotic arm was developed using motors which were being controlled by relays and the relays were interfaced to the computer using the parallel port, the programming part was accomplished using C-Language.

## Project 2:

*Development of Remotely Operated Vehicle (ROV).*

**Team Leader:**

Mr. Nisar Ahmed (Research Associate).

**Team Member:**

Mr. Wajahat Maqbool.



The construction of ROV is a unique project, the first of its kind in Pakistan. It is an efficient and more secure replacement of Diver in Sea and other related water locations.

## Project 3:

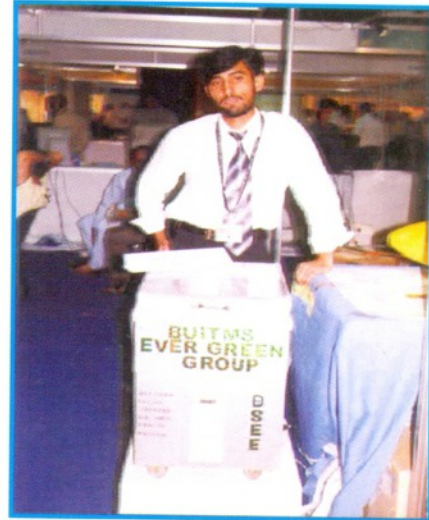
*Construction of an Automated Digital Washing Machine.*

**Team Leader:**

Mr. Faisal BS (EE)-2<sup>nd</sup> Semester.

**Team Members:**

Mr. Shahzad, Mr. Gulsher, Mr. Nadeem,  
Mr. Ali Zaman Shah, Mr. Khalid.



## Project 4:

*New Applications in Mobile Communication.*

**Team Leader:**

Mr. Waqas (Ms Foundation).



Mr. Waqas developed new applications in the mobile communication which are the need of today's business market.

## Project 5:

*Online BUTMS Examination System.*

**Team Leader:**

Mr. Muhammad Nadeem.

## Project 6:

*Online BUTMS Registration System.*

**Team Leader:**

Mr. Muhammad Nadeem

Both the facilities are being used successfully at BUTMS and the offer is extended to other Universities in particular The Universities of Balochistan.





## ITCN Asia Activity Schedule

**August 9, 2004**

Dr. Ishrat-ul-Abbad, Governor of Sindh and Dr. Abdul Hafiz Sheikh, Federal Minister for Privatization, Planning & Development along with other dignitaries inaugurated the Mega event ITCN Asia 2004. Both of them also visited the stall of BUITMS and were presented souvenirs.



The Balochistan Pavilion was inaugurated by Mr. Owais Ahmed Ghani (Governor of Balochistan) accompanied by Dr. Muhammad Abbas Choudhary (VC, BUITMS) and Mr. Mateeullah Agha (IT Minister Govt Balochistan). The Honorable Governor took great interest in each project displayed at the stall, enquired about the details and applauded and encouraged the efforts of BUITMS students.



The Team leaders of projects and their fellow participants explained the work done by them at BUITMS to all the visitors with great enthusiasm and smiling gestures.

The dignitaries who visited on 1<sup>st</sup> Day included GM PTCL, Director CTI, Secretary IT Govt of Punjab, MNA's and Senators.



Mr. Muhammad Nadeem along with MSCS students also attended the conference on Wireless Local Loop.



**August 10, 2004**

As a result of the encouragement and interest of the visitors on first day our youngsters were at the stall with more zeal to welcome the guests.







# ITCN *Special*

Students and teachers of Karachi University, NED University, and Sir Syed University and of many other institutions took keen interest and enquired about the details of our projects. They also invited our students to help them in their projects.



Mr. Owais Laghari (Federal Minister of IT & Telecom) visited our stall and appreciated the efforts of the students.



Corporate Sectors also took equal interest in our software projects particularly in the new application in the mobile communication. They also offered joint ventureship in software development with complete financial backing.



Vice Admiral Bahria Foundation took interest in our project on ROV. He extended his cooperation in the development of this project by providing contact points in Navy.

The other dignitaries who visited our stall included Madam Hameeda Khoro (Minister of Education Govt of Sindh), Madam Mehtab (Sectary Govt of Sindh) and many more Heads of the Institutions and Multinational Companies & Banks.

## ITCN Asia 2004 Photo Gallery



(Governor Balochistan along with Vice Chancellor, BUITMS in inauguration ceremony of ITCN Asia, 2004)

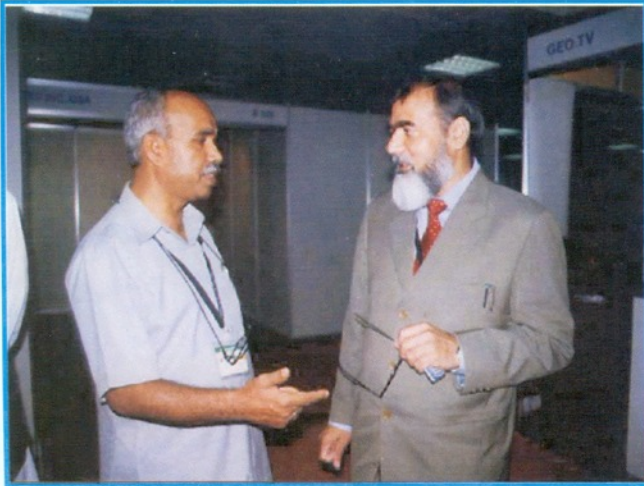


(Vice Chancellor, BUITMS presenting the shield to Governor Balochistan)



(Governor of Sindh visiting the BUITMS stall in ITCN Asia, 2004)





(Vice Chancellor with Dean Faculty of Computer & Emerging Sciences, BUITMS)



(Dr. Sabir Hussain Usmani presenting the shield to a University student)



(Dr. Sabir Hussain Usmani presenting the shield)



(Media people interviewing a University student)



(Students busy at the stall)



(Dr. Sabir Hussain Usmani presenting the shield)



## Boot Camp in Economics

**August 19 to 25, 2004**

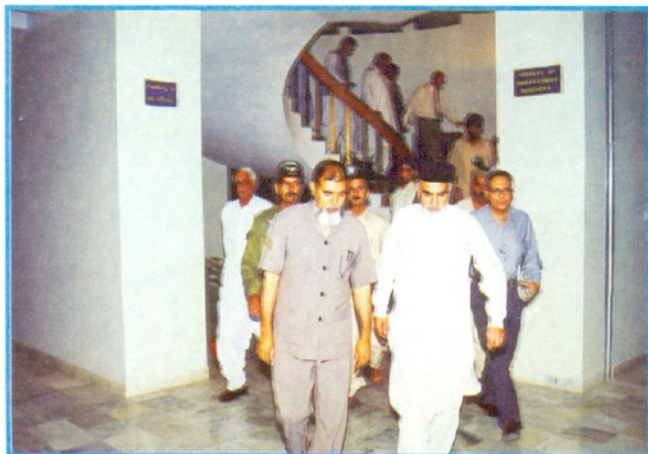
*Report by: Dr. Anjum*

BUIITS is the first public sector research university in Pakistan that has initiated postgraduate programmes having a multidisciplinary flavor. One such programme is PhD in Management & Economics run by the Faculty of Management Sciences. In the developed world persons having multidisciplinary skills show a relatively more significant contribution not only to the national prosperity but also have created better opportunities for themselves.



While endeavoring to produce world class Managers and Economists, the Faculty of Management Sciences took a leap forward and organized a week-long "Boot Camp in Economics" to invigorate its PhD students and broaden their understanding of contemporary economic and managerial issues.

His Excellency Owais Ahmed Ghani, Governor Balochistan and Chancellor of the University inaugurated the "Boot Camp" on August 19, 2004. A number of distinguished and leading economists and consultants were invited to speak on key issues facing humanity including poverty and several of its manifestations in the third world countries. The weeklong "Camp", organized from 19-25 August at the City Campus, provided an excellent opportunity to all the PhD and MBA students to interact with the hardcore professionals. Several economists and development professionals from Balochistan University and research institutions also attended the presentations and actively participated in the open forums and general discussion sessions.



A total of 15 sessions were conducted during which very impressive presentations were made on issues having direct impact on Pakistan's economy. Mr. Akbar Zaidi, an eminent economist made presentations on "Globalization, the wide-ranging role of International Financial Institutions" in influencing the third world economies. Dr. Muhammad S. Anjum, Professor and Director, Applied Research Centre, BUIITS further elaborated the globalization aspects and made presentation on "Millennium Development Goals and Poverty Reduction Strategy in Pakistan". Dr. Etizaz Ahmad, Chairman, Department of Economics at Quaid-i-Azam University, Islamabad delivered lectures on "Exchange rate determination, research methodologies and contemporary issues in the field of Economics".



Dr. Syed Tahir, Professor, International Islamic University, Islamabad gave an elaborate review of "Issues of Riba and Interest in the economy of Pakistan" and "Islam and Poverty: The Approach, Policy Framework and Economic Agenda". These sessions generated great interest and the participants continued discussions even after the long sessions to quench their thirst for learning more about the Islamic ways of solving worldly problems of humanity.

Professor Dr. Asmatullah Khan, an economist from Kohat University of Science and Technology made presentations on "Growing trend of urbanization and environmental hazards in Pakistan" and "Economic Impact of new local government system in Pakistan".

A follow-up evaluation of the Boot Camp was conducted to learn the views of the participants regarding major strengths, weaknesses and suggestions for further improving the conduct and utility of such programs. The participants conveyed their views verbally as well as in writing about the unique program first-ever organized by the Faculty of Management Sciences. An almost unanimous view was expressed by the participants regarding the profound practical utility of the Boot Camp in terms of selecting topics for PhD research and urged the University management to continue such programs in future.

Experience has shown that Managers without sound background of Economics and vice versa turn out to be less effective managers and policy planners. To accomplish these goals, it is highly desirable that the PhD scholars are regularly exposed to the experience of renowned Managers and Economists in their early part of course work. Based on the feedback from the participants, the Faculty of Management Sciences plans to hold a series of Boot Camps in future on a variety of specialized fields relating to Management and Economics.



## National Workshop / Refresher Course on

**Contemporary Life Sciences and its Applications**

**August 19<sup>th</sup> - 25<sup>th</sup> August, 2004**

**Jointly organized by HEC and Faculty of Biotechnology & Informatics, BUITMS**

**Reported By: Dr. Abdul Hameed Bajoi**

The one week National Workshop on "Contemporary Life Sciences and its Applications" was jointly organized by the Faculty of Biotechnology & Informatics BUITMS and National Core Group HEC from 19<sup>th</sup> August 25<sup>th</sup> August, 2004 in the BUITMS Auditorium.

Honorable Governor Balochistan Mr. Owais Ahmed Ghani inaugurated the workshop. More than 22 eminent national and provincial scientists from different universities and institutions delivered informative lectures. Over one hundred trainee Assistant professors and lecturers from different Provincial degree colleges and PhD Students of BUITMS attended the refresher Course.



In the inaugural session professor Dr. M.A.K Malghani (Chief Organizer) briefed the participants about objectives of the workshop and thanked Prof. Dr. Atta-ur-Rehman (Chairman HEC) and Dr. Anwar Nasim for the financial support they provided for the promotion of sciences, biotechnology and specially Biology through such programs. He also thanked The Governor / Chancellor BUITMS for his efforts for promoting education in the Province. Dr. Farid A. Malik, Chairman Pakistan Science Foundation appreciated the efforts made by BUITMS to organize such an important training program to introduce and train Assistant Professors and Lecturers of degree Colleges of remote areas of Balochistan with current technologies of life sciences. He ensured regular assistance and support to BUITMS in its future endeavors. Dr. Muhammad Abbas Choudhary (Vice Chancellor BUITMS) in his address thanked the Chief Guest who despite his busy schedule spared time to grace the occasion. He disclosed to the audience that BUITMS had recently acquired the services of eminent scientists of international repute to join the Faculty of Biotechnology & Informatics to teach the students of higher classes in BUITMS. In order to equip the labs, different sets of valuable equipment including PCR have been acquired to initiate molecular level studies on DNA / RNA fragments.

He further added that the training was the beginning of such services of workshops to build up human resource development of institutions in the province. He therefore urged the trainee participants to actively participate and interact during the different events. He advised the participants that the knowledge picked here may further be shared with students and teachers when they return back home. He appreciated the Chancellor for his valuable trust for creation of a scientific cell at BUITMS.



The Honorable Governor (Chancellor BUITMS) in his inaugural address highlighted the importance of Biotechnology and Informatics and emphasized to enhance research activities of the faculty in the entire province. He encouraged the university administration especially the organizers of the workshop in taking this pioneer step of successful initiation of the important and much needed activity. He ensured his future support to the university in its future similar activities.

From the next day 20<sup>th</sup> August, 2004 several lectures were delivered beginning from 10:00 am to 5:00 pm. Dr. Abdul Majeed Cheema highlighted history and methodology in life sciences. Dr. Shahana Urooj Kazmi emphasized the application of Microbiology in relation to health and environment. Dr. S. Arif Kazmi explained the use of Microorganisms in metal extraction. Prof. Dr. Kausar Cheema elaborated the microbial impact on health and its hazards. Dr. Abdul Hameed Bajoi highlighted the potentials of major natural resources in relation to the Agriculture sector and the use of microbial agents in the insect/pest control. Dr. Arsala Mansoor emphasized the use of organic chemistry in relation to microbiology. Dr. Shaukat Iqbal and Mr. Abdul Sattar explained the use and operation of SAR and genomes in RNA/DNA. Mr. Abrar Hussain elaborated on genomics. Mr. Sanaullah Chughtai explained Genomics and their roll in scientific studies and Dr. M.A.K Malghani discussed metabolism in some detail.

At the end of the workshop, the participants were given some topics for brainstorming and deliberations. The groups unanimously recommended continuation of similar training programs in future. The groups also emphasized on the provision of learning resource materials necessary for the development of technologies for industry and strategies for the promotion of research activities.

In the concluding session the recommendations of the panels were presented to the Secretary Education Department Balochistan Mr. Munir Ahmed Badini who was the Chief Guest. He approved the recommendations. He addressed the participants and congratulated the organizers for conducting the successful workshop. At the end certificates were distributed among the participants.





## Media Management

**Report by: Masroor Alam Khan**  
*Media Manager, BUITMS*



Balochistan University of Information Technology and Management Science (BUI-TMS) Quetta has already started a media management cell. The main object of the development of the media management program is to establish academic network and exchange Audio Video information among universities of the country and abroad. Integrated information technology with media is invading the world at large. This amalgamation will provide more opportunities to students and teachers of different institutes and develop a competitive environment. It is therefore, the dire need of time to develop our audio video programs library for the establishment of the media management and for the coverage of all the activities of this university under the direction of Vice Chancellor, BUITMS.



Being the most well equipped institute with a high quality of education, BUITMS is the best place for the media development program.

Moreover the above mentioned project envisages the collection of vocational training CDs and Video tapes from all over the world and tailoring these training programs to suit the world traits need of the country in general and Balochistan in particular. After collection, all visual training materials would be transferred on the electronic media i.e., CDs, Computer Disk and would be provided to the vocational training institutes throughout the province and would also be transmitted on Radio and Television for the benefit of intending users. The technically trained persons and teachers in various trades generally opt for

employment overseas and there is a great shortage of skilled people in various trades. The vocational training videos would help fulfill the shortage of skilled technicians to some extent. The media management cell will play a leading role in the progress of BUITMS Quetta.

### Following Are the Main Features Aims & Objectives of this Cell

- Planning, managing production of programs.
- Visual introduction of the University (BUI-TMS) through documentaries and film reports.
- Introduction of indoor and outdoor activities of students through audio-video recording.
- To highlight the facilities, special occasions and policies of the University through National and International Programs.
- To manage the recording of seminars, lectures, workshops and their technical display on CD's.



- To manage the audio-video library for staff members and students.
- To manage the monitoring of the correct and true information to local and national media, protecting credibility of the organization.
- To make the CD's on technical training programs available in the market inside or outside the country for the audio-video record in library of BUITMS, Quetta.
- To manage CD's on technical training programs for their distribution to the technical institutions for education purposes.
- To manage transcription of CD's for Radio and TV education programs.
- To manage transcription and to translate commentary in Urdu or English for a better understanding of technical programs for the students.
- Media Management intends to offer modern quality of education through audio-video arrangements in technical academic environments to overcome the shortage of skilled people.
- Media Management is a strong and important part of any organization; which requires individuals who are technically trained, experienced, committed and proficient in their fields. We intend to manage such a team with the help of both the young students and the staff members.
- Media Management requires technical facilities to





maintain Media Development laboratory. We intend to provide technical training to the University students in the field of production of programs, use of camera and technical equipment.

- Media Management and Public Relation are technically two different fields. Media Management implements the policies of Management and monitors the public relations to maintain the credibility of the organization.
- Media Management prepared PCI for the establishment of a system to impart education through audio-visual aids.
- Media Management prepared two documentaries, one of these was on BTM, a new campus of BUITMS called Takatoo campus.



- Media Management invited all the journalists of Balochistan to cover the handing and taking over ceremony of Bolan Textile Mill.
- Media Management arranged the coverage of BTM ceremony through electronic media. The program was shown in Khabarnama and current affairs program "Qadam Ba Qadam".
- Media management covered the visit of the Governor of Balochistan to Takatoo Campus and City Campus on three different occasions within two months.

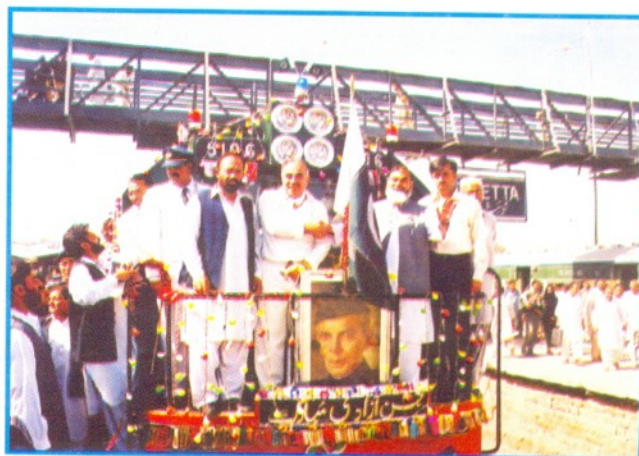


- Media Management arranged a talk show on PTV-Quetta regarding progress and achievements of BUITMS.
- Media Management arranged a special interview of Vice Chancellor on Radio F.M-100.
- Media Management appreciates the efforts of The Worthy Vice Chancellor for the implementation of Media Development program in BUITMS, Quetta.

## Azadi Train Report

**Report by: Masroor Alam Khan**  
*Media Manager, BUITMS*

The Independence Day celebrations were also held in Quetta like other parts of the country. As a part of these activities the BUITMS, in collaboration with the Pakistan Railways, ran a special "Azadi Train" from Quetta to Khojak. It was decorated with colorful banners, flags and Bunties. All the way enthusiastic students sang National Songs to show their love for freedom and their country. The train stopped at different stations where people warmly welcomed the travelers. Songs & Cultural dances were presented to display the unity and integrity of the four provinces.



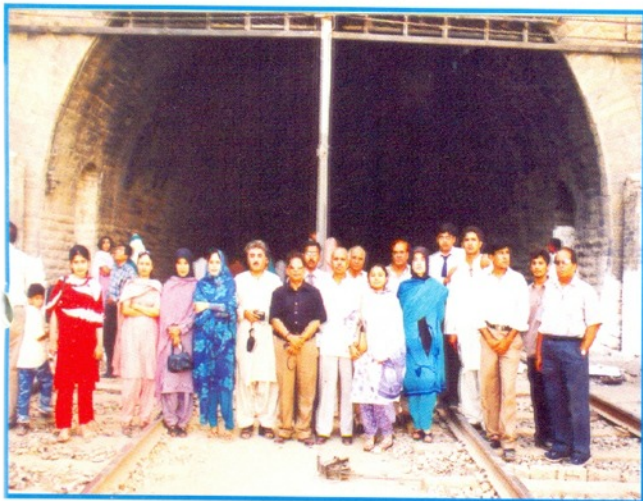
It was a scene of jubilation and happiness when "Azadi Train" reached Khojak. A large number of people were there to welcome and participate in the celebrations. The most important part of this function was the National Song competition between the students of various colleges and universities of Balochistan, in which they participated with full zeal and devotion and won





the applause of the audience. The Vice Chancellor of BUITMS Dr Muhammad Abbas Choudhary was the guest of honour for this program and The Divisional Superintendent Pakistan Railways Mr. Shafiqullah Khan presided over the whole function.

In the end prizes were distributed among the students. Students were also taken to the historic Khojak Tunnel. The Azadi train started its way back journey for Quetta at 5 pm. In this way the journey for Celebrations came to an end.



## BUITMS Successfully Completes 4th Free IT Awareness Program

*A Mile Stone Towards Fulfilling Social Responsibility*

**Report by: Rehan Zafar**  
**MBA (Reg)-4th Semester**

The 4<sup>th</sup> Free IT Awareness Program was offered by BUITMS from 3<sup>rd</sup>-24<sup>th</sup> August, 2004, in which 575 people were registered from various spheres of life. Children, students, housewife, teachers and doctors attended this program during the semester break of BUITMS. The basic aim of this program was to introduce the participants to the basics of computer science, MS-Office and Internet.

The Free IT Program was held under the supervision of the Faculty of Computer and Emerging Sciences. Mr. Qadeem Kakar Superintendent Students Affairs was in charge of this program and Kamran Ali student of MSCS (Foundation) was the leader of the students committee comprising 15 students, 5 from MSCS (Foundation) and 10 from BSCS.

The certificate distribution ceremony was held on 26<sup>th</sup> August in the auditorium of BUITMS. Worthy Vice Chancellor Dr. Mohammad Abbas Choudhary was the chief guest on this occasion. Dean Faculty of Computer & Emerging Sciences Dr. Sabir Hussain Usmani and Chairman Faculty of Computer & Emerging Sciences Dr. Muhammad Nawaz also shared their views with the audience. The Honorable Vice Chancellor in his speech stressed upon the students to continue their efforts to serve the community at their best. He said that the Free IT program was designed to create awareness about Information Technology in the society and provided an opportunity to the common man to have hands on experience on the latest machines in use of Internet and simple application of MS-Office.

## Ph.D in Electronic Engineering & Solid State Physics.

**Report by: Dr. Waqar Ahmad Syed**

The Electronics Department of BUITMS has successfully completed its first semester of the first batch of MS Electronics Engineering and M.Phil in Solid State Physics programme this month. This programme is a part of the course leading to PhD, with the intention to produce PhDs in some of the most advanced science and engineering fields in Balochistan as well as in Pakistan.

People of the province and other areas of Pakistan have shown a great interest and enthusiasm in these programs and a large number of applications were received. Admissions are given on open merit with no reserved seats. Due to the limitation of resources and seats the programme has been initiated with a class strength of 18 students. Out of these six students belong to various colleges in Balochistan, serving at lecturer and assistant professor level. Remaining are engineers by profession, and they have joined this course to improve their skills and academic qualifications.

The Best available faculty in the province has been hired for this programme. Dr. S H Usmani, Dr Waqar Ahmad Syed, Prof. Ashfaq Ahmed of Balochistan University took the classes of the first semester. The courses offered were Semiconductor physics, semiconductor optoelectronics, and advanced engineering circuit analysis.

The second semester will start this month. The department has already a very good fully equipped Computer and Electronics laboratory for undergraduate students and the same is being upgraded for the Masters level studies. Another proposal for Telecommunication Laboratory is under process, and it is hoped that by the mid of the next year that will be available to the students at Takatoo campus.

Establishment of a new library at Takatoo campus is about to be completed. However, at city campus the existing library has more than 12000 on-line national and international journals accessible to the university faculty and students.

It is hoped that the ongoing programme will enhance the academic and research activities in the province and will help academicians to improve their research capabilities and qualification.

## Library System

**Report by: Mr. Muhammad Nadeem**

As per instructions of Governor Balochistan, for inter connecting all libraries of Balochistan; the library system developed by BUITMS was also installed in Balochistan Agriculture College Quetta. The system has already been installed in the University of Balochistan and Engineering University Khuzdar. Two computer experts from Agriculture College were trained by Mr. Muhammad Nadeem to operate the system smoothly.





## Workshop & Training on Neural Network Fuzzy Logic.

Dec. 27 - Jan. 1, 2004.

Report by: Ikramullah Khan Babai

Balochistan University of Information Technology and Management Sciences Quetta in agreement to its commitment of pursuing knowledge of the latest activities in the field of Engineering Sciences made arrangements for sending all the faculty members in the department of Computer and Emerging Sciences to a national workshop and training on Neural Networks and Fuzzy logic in NED University Karachi.

The workshop consisted chiefly of theoretical concepts given by different speakers from the industry and academia of Karachi. However, a few lab sessions were also conducted for the erudition of the practical counterparts of the theory taught in the class sessions. One of the faculty members at Computer Engineering Department, NED University, and Mr. Waseem Siddiqui played a vital role in making all the teaching and training activities possible both in the theory classes and in labs.

The large-scale participation by BUITMS was appreciated a lot by NED University. Nine faculty members from the department of Computer and Emerging Sciences, Ikramullah Khan, Khalid Mengal, Asif Naeem, Aftab Sheikh, Naveed Ahmed, Muhammad Nadeem, Sadique Bugti, Manzoor Khilji and Malik Mubashir participated. The other participants took pleasure in the thrilling discussions originated by BUITMS faculty members.

The participants were also shown various labs in NED University. The robotics lab was of special interest. The participants gained knowledge of various new lab instruments and exchanged views on the practice carried out in their own Universities and organizations.

The knowledge acquired at this workshop would bring benefit to BUITMS when any new setup of lab for robots will be designed.

## Prof. Dr. Syed Abid Hussain

Dean,

Faculty of Eng. & Applied Sciences

Chairman,

Petroleum & Gas Eng. Dptt:

Dr. Hussain, Ex Chairman Mining and Geological Engineering Department, University Of Engineering and Technology Lahore-Pakistan, joined BUITMS in August 2004.



Dr. Hussain is a Chartered Engineer from Engineering Council, U.K, and has worked as full time Consultant of Asian Development Bank. He has a total of 38 years of experience of Teaching and Research and Mining Field administration. Dr. Hussain has been involved in teaching and research in University of Engineering and Technology Lahore-Pakistan, Alfateh University, Tripoli-Libya, Nottingham University, U.K, and Middle East Technical University, Ankara-Turkey.

He got his Ph.D and M.Sc Engg Degrees from Middle East Technical University, Ankara-Turkey, M.Phil. From Nottingham University (UK).

Dr. Hussain won several scholarships and grants. He has obtained several special awards and honors from Iran, Turkey and International forums. At present he is serving 22<sup>nd</sup> IMPC (South Africa, 2003) as member International Advisory Board and International Scientific Committee.

Dr. Hussain has been actively involved in research (as approved Ph.D Supervisor) and produced over 60 publications of national and international repute.

Dr. Hussain enjoys professional affiliation of IMM, London, Chartered Engineer (UK), MES (UK), AIME (USA), FIE&PE(Pakistan), and SEGMIITE(Pakistan).

## New Team Members

### Dr. Muhammad S. Anjum

Professor / Director

Faculty of Management Sciences, BUITMS.

Dr. Muhammad S. Anjum is a senior economist having obtained his Ph.D from the University of Hawaii, USA. He has developed special interests in the fields of Resource Economics, Marketing



Studies, Managerial Economics, Project Planning, Management, and Monitoring & Evaluation.

Dr Anjum's teaching and consulting experience spans over 25 years. He taught post-graduate classes at King Faisal University, Saudi Arabia; worked as Research Economist at PIDE; Director Research, Social Sciences Division at PARC and Senior Research Analyst at Social Sciences Research Institute, Honolulu, Hawaii, USA.

Dr. Anjum has provided consulting services to USAID, FAO, World Bank, UNDP and several international consulting firms such as DAI-USA, International Consulting Division, Chemonics (USA), Academy for Educational Development (USA), Winrock International (USA) and Halcrow Technical Services (UK). Dr. Anjum has also served as "Monitoring & Evaluation Advisor" and "Program Technical Advisor" for UNDP's Area Development Program.

Dr. Anjum has now joined the Faculty of Management Sciences, BUITMS as Director, Applied Research Center. He is teaching

### Mr. Iazaz Rahim Shahzada

Lecturer, Exam: Branch, BUITMS.

Mr. Shahzada is currently working as a Lecturer attached with the Examination Branch as Software Developer and Systems Administrator. Before joining examination branch he was working as a Research Associate in the Department of Electronic Engineering. Previously.



Establishment of Computer Labs in the remote areas of Balochistan and teaching to Graduate & Post Graduate classes for more than three years goes towards his credit. His expertise is in Network Development and Distributed Systems.

Recently He developed Network for an Advanced IT & Operating Systems Lab at City Campus, BUITMS. His current Research Interests are:

1. Security Issues in VPN-PPTP/L2TP.
2. Routing Problems & efficient use of Multi-home Systems in an Enterprise.