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Editorial

Progress and prosperity of a country are linked with ascendancy in the field of information and knowledge, particularly the knowledge of Science and Technology. Social amenities like housing, health care, nutrition, improvement of sanitation and hygiene, provision of environmental conditions conducive to cheerful living, better use of natural resources, all depend on the high standard of knowledge of Science and Technology.

Unfortunately the general masses in our country are generally ignorant and devoid of a scientific culture which can become the cornerstone of our national prosperity and economic growth. Majority of our population is illiterate and ill-informed, unable to grab the importance of science in their own daily lives, and incapable of adapting themselves to the demands of time.

We are lucky to have a handful of highly competent and highly regarded scientists and technical experts in the country. They have pledged all their intellectual and physical energies for the improvement of the above stated situation. They need to be supported by the print-media, radio, and television as well as by the politicians in the communication of the knowledge of science and technology to the masses. It is vital that the scientists and the mass media work in conjunction with each other in educating the general public about new realities, new developments and new problems that effect all of us and thereby generate a kind of general awareness and imbibe in the general masses the scientific attitude that would be crucial to develop the science culture in our society.

With this objective in view, the Balochistan University of Information Technology and Management Sciences joined hands with the Pakistan Science Foundation in their endeavor to seek cooperation from the mass media for the purpose of devising effective ways and means for the propagation of scientific knowledge and thought all over the country.

WORKSHOP ON “SCIENCE AWARENESS THROUGH MASS MEDIA HELD FROM JUNE 1-2, 2007

Report By: Dr. M.A.K Malghani

The Inaugural ceremony of the workshop was covered in the previous issue of the BUITMS Newsletter. Session wise proceedings leading up to the certificates award ceremony are now being projected through this article.



Inaugural session of the workshop

The workshop was yet another effort of BUITMS and Pakistan Science Foundation for the promotion and progress of society for the translation of science and its benefits through electronic and print media to the general public.



Prof. shameem Akhtar, presenting his paper

The first session of the workshop was chaired by Dr. N. M. Butt chairman Pakistan Foundation. The first speaker of the session, Prof. Shameem Akhtar, Dean Faculties of Management and Social Sciences gave a detailed informative lecture on “Science Awareness for Peace”. He said that he was aware of the constraints on Pakistani Television channels but they should devote more time to the advances of sciences that are beneficial to the mankind at large. At the same time our TV channels should air feature programmes on the destructive potential of war technology that is being developed to genocidal proportions by predatory military-industrial complex, especially in certain developed countries.

He added that it is indeed shocking to learn that the scientific community has become a hostage to the war-mongering military-industrial mafia which uses scientists as mercenaries to develop weapon of mass destruction.

He further expected electronic media to focus on the impact of arms race on the regional and world peace. Why should nations develop weapons that may wreak worldwide destruction and destroy peace? The theme that disarmament development and peace are interlinked should form the basis of media policy. People should be informed by the TV channels and other media that the vertical proliferation of nuclear weapons, weaponisation of space and stockpiling of the bacteriological and chemical weapons will destroy the entire world, not sparing even the owners of such WMD's.



Dr. Masoom speaking on the occasion

The 2nd speaker of the session, Professor Dr. Masoom Yaseenzai, Director Institute of Biochemistry, University of Balochistan in his lecture on “Public awareness of Science and Technology” quoted the example of National Geographic channel and pointed out that India invested millions in the dubbing of program in Hindi so that young children and rural masses of the country could benefit from the knowledge presented through the channel.



Audience listening to the speaker

He volunteered to make a valuable contribution, both monetary and intellectual, to any education program undertaken by any TV channel for the popularization of Science.



Prof. Dr. M.A.K Malghani speaking to the audience

The speakers in the 2nd session chaired by Prof. Dr. M.A.K Malghani elaborated on the ways and means for achieving the objectives. Prof. Sohail gave detailed information on the present status of media in general and suggested changes to meet the future requirements with respect to its efficiency to meet the challenges. Dr. Shakeel urged that the results of scientific research carried out in Pakistan and also in his own institute were not being utilized by the end users as they should have been. He emphasized the need for some kind of extension service to be initiated by the government and also by the institutes which should transform the research in comprehensible languages for transmission through personal efforts and media.



Mr. Dur Muhammad Kasi speaking on the occasion

Mr. Dur Mohammad Kasi, former General Manager, PTV Quetta was the third speaker of the session. He pointed out the significance of the propagation of the scientific knowledge through documentaries. He informed the audience that PTV Quetta had prepared and telecast a number of documentaries through which the discovery of mineral Wealth, its excavation and treatment etc. had been presented in logical terms, understandable by the common viewers. Such documentaries presented in the local languages and enhance the effective impact of telecasts. People see the facts with their own eyes and are able to understand the process and skill in the production of industrial goods on modern lines.

Dr. Hafiz Khush Naseeb, Nuclear physician, CENAR, gave detailed information on the services of CENAR with respect to cancer. He showed data on the present status of mammary carcinoma and need for early diagnoses of the malignant disease. He also pointed out the taboos related to the issues of malignancies and the need of providing necessary information through curricula of colleges in order to meet the threat by involving teachers, researchers and all media through collaborative efforts. The question answer session also was informative for the audience and the media personnel present in the session for necessary impact on the society consequently. The session concluded with vote of thanks to the organizers and speakers. Prof. Malghani thanked the audience and pledged that university would do all possible to support the awareness programs in the light of deliberations.

The second day of the workshop saw the commencement of the third session, chaired by Mr. Dur Muhammad Kasi, formal General Manager PTV Quetta. Incidentally the first speaker of the session, Mr. Sajjad Ahmed also belongs to TV. His productions have been acclaimed at the National as well as at the International level.

Mr. Sajjad Ahmed traced the history of films and TV programs based on science fictions. In his thrilling and exhilarating presentation he proved that films like “The Time Machine” and “The First Man on the Moon” were figments of imagination of the writer H.G. Wells but later, they opened the way for scientific exploration of space and the conquest of the planets. He also quoted the example of “The Fantastic Journey” The recent clamour about the NANO technology is akin to the brain child of fiction writer.



VC giving shield to Mr. Sajjad Ahmed

The last session of the two-day workshop on “Science Awareness through Mass Media” was a round table discussion on “Strategies for Popularizing Science through Media” which was chaired by the worthy Vice-Chancellor, BUITMS, Engr. Ahmed Farooq Bazai.



Mr. Nawaz Magsi, GM. PTV

The participants from various organizations suggested that the duration of science programmes should be increased on all national and private TV channels and PSF and PASTIC should sponsor these programmes.



Dr. Nageen receiving Shield from VC

They further discussed that the PSF and PASTIC teams should visit backward remote areas and arrange science awareness campaign through practical means which can have a positive impact on their minds. They also suggested that every individual should play a dynamic role in the propagation of science and technology.

Vice - Chancellor, BUIITMS, Engr. Ahmed Farooq Bazai appreciated the efforts of PSF and PASTIC and pledged that BUIITMS will always play a dynamic role in the propagation of science alongwith PSF and PASTIC on each and every level. He finally distributed the certificates and shields among the participants of the said workshop.

Pakistan Developer Conference 2007

Report By: Muhammad Rizwan Alvi (BSCE) 8th

Seven students of BUIITMS visited Karachi to attend the Pakistan Developer Conference 2007 for two days on 19th and 20th June, 2007 under the supervision of Prof. Engr. Dr. Abdul Razzak Memon arranged by Microsoft and its partners including Acer, Inbox, Samsung, KalSoft, Mixit Viper, Softronic, Geopaq, Itim, CTTC, Ligitech etc.



Engr. Dr. Abdul Razaque Memon with his team

Pakistan Developer Conference 2007 turned to be a very effective platform for our students who could participate as developers to create the next generation of software that has enabled people to better realize their true potential. Although Pakistan Developer Conference 2007 being the Microsoft's Premier annual conference for technology professionals, academicians and students but it provided an appropriate medium for transfer of knowledge and exchange of cutting edge ideas for the students representing BUIITMS.

During the Conference, the BUIITMS students interacted with the experts and collaborated with peers and engaged in trainings focused on Microsoft innovative technologies so that BUIITMS as the University of IT in Balochistan could safely stay ahead of the game. Since the Pakistan Developer Conference 2007 was regarded as the most significant and a must-attend event for the software developers and IT professionals who would be interested to witness the latest as well as the next generation of technologies and therefore the BUIITMS dispatched the team of seven students to be present in this mega IT event to personally interact with 2500 software professionals from across Pakistan including audience in Karachi, Lahore and Islamabad.



Students who participated in the Conference



Pakistan Developer Conference 2007 was inaugurated in Islamabad by the Federal Minister for IT & Telecom, Mr. Awais Ahmad Khan Laghari. The proceedings of the inaugural session were relayed live via video conferencing to the other two venues. The Closing session of the conference was presided over by Dr. Ishrat-ul-Ebad, Governor Sindh in Karachi.

This all Pakistan mega-event provided participants of BUITMS with the opportunity to hear from more than 30 top Industry and regional experts from Microsoft. With over 50 sessions in several different tracks, the Conference provided content-rich agenda to meet the diverse needs of software developers with sessions on technologies such as:

- Microsoft Widows Vista
- The 2007 Microsoft Office System
- Visual Studio Team System
- Microsoft Silverlight
- Frameworks like ASP.NET, AJAX and IIS

Training Workshop on “Environmental Issues and Pollution Control”

Report by: Ahmad Shah



In conformity to the demands of the proverb “A stitch in time serves nine”, the Quetta Chapter of the Pakistan Engineering Council and the Balochistan University of Information Technology & Management Sciences, Quetta joined hands with the object of fulfilling the

paramount need of professional development of the engineers community in respect of environmental issues and pollution control. The venue for the two - day seminar held on 26th and 27th of June, 2007 was the auditorium of the City campus of BUITMS, where engineers from all over the provinces, irrespective of their respective engineering disciplines were provided opportunities to learn basic concepts in environmental engineering and to suggest possible strategies in the light of their own experience. Senior students from the Faculty of Engineering and department of Environmental Management and Policy, BUITMS were also given a chance to grasp the relevant environmental issues.

The proceedings of the seminar started with the recital of verses from the Holy Quran by Qari Muhammad Arshad yameen. Brig® Shamshad Ahmed, Advisor PEC welcomed the guests and participants and expressed the hope that the present exercise would yield fruitful results.



VC, inaugurating the session

Engr. Ahmed Farooq Bazai, Vice Chancellor, Balochistan University of Information Technology & Management Sciences was the chief guest for the opening session. Formally inaugurating the session, he stressed upon the need of enhancing awareness about environmental issues among the people at large and especially among the engineers who are responsible for implementing development projects and industrial installations.

He hoped that the learning outcomes of the training seminar would benefit the participants in the realization of the disastrous changes ominously threatening the future happiness of the people on the planet earth.

Dr. Irfan Aslam, Assistant Professor, Institute of Environmental Sciences & Engineering (IESE) started the main proceedings of the training seminar with his lecture on the Fundamental Concepts in Environmental Engineering. He supplemented his points with illustrations depicted through slides. As Dr. Irfan Aslam specializes in “Numerical Modeling” he supported his presentation with statistics. The lecture was followed by a question answer session which was very lively and continued up to the tea break. After the tea break, Dr. M. Anwar Baig, Associate professor, Institute of Environmental Sciences and Engineering presented an over- view of the environmental problems in Pakistan.

Dr. Baig is currently supervising research work of MS. M.Phil and Ph.D students of IESE at the National University of Science and Technology (NUST). He quoted the damaging effects of water pollution by the indiscriminate use of pesticides and the flow of waste water from tanneries into the sources of drinking water. The smoke emitting vehicles plying in our large cities and non-management of solid and fluid waste pose a horrible threat to the health of the people in Pakistan. Dr. Irfan Aslam was again called to the podium to deliver his lecture on Water Quality Issues in Pakistan. He gave a detailed description of the sources of water pollution and proposed ways and means of controlling the alarming state of water pollution.



He presented an effective water treatment design, much to the advantage of the participants. This time again there was a lively question answer session at the end of the lecture.

On the second day, Dr. M. Anwar Baig elaborated the features related to Air-Pollution, Air Pollutants, Air-Pollution Meteorology and Control. He discussed major pollution sources and sinks, visibility, stability, Reynolds' averaging turbulence and wind profiles. His exposure of atmospheric diffusion and plume modeling and the design of air quality monitoring networks generated relevant discussion during the question answer session.

The later two sessions of the training seminar were allocated to Dr. Irfan Aslam who presented his expert description of Waste Water, stressing upon the Fundamentals of Treatment System Design. The last session was used by Dr. Irfan for the exposition of Solid Waste Hazards. He talked in detail on the importance of Regulating Municipal Solid Waste. The question answer session again produced some thought provoking results.



Audience listening to the speaker

Brig. Shamshad Ahmed Khan, Advisor, Pakistan Engineering Council thanked the participants for showing interest in issues which need immediate attention. He expressed his gratitude to the resource persons. Dr. Irfan Aslam and Dr. M. Anwar Baig for their masterly coverage of the issues of prime importance. He also thanked the BUIITMS authorities for providing space and physical facilities for holding the training seminar.

Dr. M.A.K Malghani, Pro Vice Chancellor, BUIITMS distributed certificates among the participants. It is worth mentioning that Engr. Abdul Wahab, Deputy Registrar, Pakistan Engineering Council, arranged the training seminar in collaboration with the administrative staff of the Balochistan University of Information Technology & Management Sciences, Quetta. Malik Muhammad Hayat, Juma Khan and Sher Ali of PEC, also helped in making of the arrangements

STUDY VISIT OF KARACHI AND DISTT LASBELLA

Report by: Jibran Paracha & Ameer Jan Jamaldini
BUIITMS is determined not only to provide educational and academic excellence to its students, but also provide supplementary and extra curricular activities to help the students achieve academic brilliance. Considering the above objectives, BUIITMS gave an opportunity to the students of BS (BA) to have a study visit of different sectors of the economy including corporate and industrial sector of Karachi and Distt Lasbella.



Group photo of students

A team of 40 students under the supervision of Mr. Ali Kakar (Research Associate) and Mr Aziz Ahmed (Research Associate) left for Karachi on 6th March 2007. The students visited different organizations which included:

- !Thal Engineering
- !Pakistan State Oil (Head Office)
- !Goethe Institute
- !LIEDA
- !Candyland Pvt Ltd
- !Marble City
- !Sana Textile Mills
- !LG
- !Gadani Ship breaking Yard
- !Cadbury



A View of Marble City



In visiting each organization the students gave a brief presentation regarding the institute and then the spokesperson of the visiting organization gave their presentation which was succeeded by a question/answer session. After that the students were taken to different parts of the company/organization.

Thal Engineering

Thal Engineering currently employee approximately 1000 employees in various functions. Hiring is based on merit as well professional expertise with Kaizen mind. Thal Engineering attaches a lot of importance towards Human Resource Development and Continuous Improvement

We learned different motivational techniques to improve efficiency in work. Like in Thal Engineering they give lots of respect to their labor force, they call them the lower management. The major thing which I noticed was that in their upper management meetings they also let their lower management to take part. They believe that they must take the advice from the labor force also to bring efficiency in our production level. So due to which Thal Engineering got 100% efficient production level and 0% Employee Turn over rate.

Pakistan State Oil

PSO has got a very warm and attractive working environment. We visited their Head Office and came to know how their Upper management is applying rules on themselves and the lower management. We visited different sectors of economy and tried our level to best to get more information and knowledge. This proved to be a great exposure and learning opportunity for the students of BS (BA), where the students analyzed the working environment of the company. In our visits to different sectors of economy we analyzed how the labor force is motivated with different motivational factors.

HEC Sports Gala, 2007

Report by: *Naveed Ahmed*



Sports and games are an integral part of the educational institutions, because they make valuable contribution to the making of a sound personality. Balochistan University of Information Technology and Management Sciences is pledged to the provision of sports facilities at the campus,



VC, Chief Guest, and BUIITMS team

and we have the distinction of making our mark in the sports circles in the province. Balochistan University of Information Technology and Management Sciences was entrusted with the task of managing the Sports Gala, 2005 by the HEC, and all the stakeholders were impressed with the quality of arrangements made by the BUIITMS two years ago. As such the Higher Education Commission once again reposed confidence in this prime institution and asked us to hold Sports Gala, 2007 as well. Six universities from all over the provinces were invited to take part in 8 events and to prove their prowess in the physical activities. The participating universities were:

- Balochistan University of Information Technology and Management Sciences, Quetta.
- University of Balochistan, Quetta.
- Sardar Bahadur Khan Women University, Quetta.
- Balochistan University of Engineering and Technology, Khuzdar
- Iqra University, Quetta.

Unfortunately, Balochistan University of Agriculture and Marine Sciences, Lasbela could not arrive.



BUIITMS Team holding the flag



The organizing committee for the Gala Sports 2007 comprised Mr. Masood Khan, Sports officer, Mr. Sadiq Ahmed Bugti, Mr. Abdul Qadeem Kakar and a few others. Mr. Shoaib Gola Director Balochistan Sports Board extended all possible coordination to the committee in the form of provision of ground facilities. Syed Ibrar Hussain, Director Pakistan Sports Board provided the auditorium and gymnasium for indoor contests.

The inauguration ceremony was held in the Auditorium of the Pakistan Sports Board. The Venue was decorated with the banners of the six participating universities. The presence of the Yazdan Khan School band added a festive colour to the occasion.

The chief guest, Brig. (R) Agha Ahmed Gul, Vice Chancellor, University of Balochistan arrived at the auditorium amid cheers and clapping from the audience. He was flanked by Engineer Ahmed Farooq Bazai, Vice Chancellor, Balochistan University of Information Technology and Management Sciences, and Mr. Talat Khurshid, Director General Sports, Higher Education Commission. The participating teams marched on to the centre of the venue to the enthusiastic tunes played by the band.

The inaugural proceedings started with the recitation of verses from the Holy Quran by Syed Jamiluddin. All the guests, players and audience stood up in honor of the national anthem when the band played its tunes. Mr. Inayatullah, took oath of maintaining the dignity of the sports by upkeeping the norms of fair play and discipline. Mr. Abdul Qadeem Kakar gave a brief introduction of the Sports Gala.



VC, Chief Guest Standing in respect for the National Anthem

Welcoming the Chief Guest and other dignitaries, Engr. Ahmed Farooq Bazai, VC, BUITMS stated that sports form an essential component of personality buildup of our youth and high level competitions help improve the standard of sports. He described the various sports projects in progress at the Takatu Campus of the BUITMS. He stressed the need for reviving Pakistan's lost glory in sports. In the end he thanked the chief guest and officials of PSB and BSB for their effective patronization of sports activities in the province.

Mr. Talat Khurshid, Director General, Sports, HEC expressed his gratitude for the sports loving people of Quetta and gave a detailed account of the steps taken by the HEC for grooming the university sportsmen and sports women to the world class level. The sports facilities at various universities in Balochistan are being developed on international guidelines for the overall uplift of sports in the country.

Brig. (R) Ahmed Gul, the Chief Guest exhorted the participants to uphold the sportsman spirit and to generate an air of mutual understanding, goodwill and fellow feelings. According to him victories and defeats on the sports grounds are immaterial. Lasting friendship and acquisition of positive qualities of endurance, team spirit, discipline and fair play are the essence of such tournaments. He wished the players a jolly and rewarding time during the contests.

The 3rd day Gala Sports event formally got off to a start with the two VCs playing a few shots of table tennis.



BUITMS basketball team in action

The scheduled matches started at around 12 noon and three events took place on the first day. Badminton matches were played in Magsi Badminton Hall, Table tennis matches in Table tennis hall and Basket Ball competitions were held on the Basket Ball Court. BUITMS played all of its 3 matches against Iqra University, and gave a tremendous performance. Its talented teams won all the matches.



A view of Football Match



The 2nd Gala day started at 9 a.m. with a thrilling Football match between Balochistan University of Engineering & Technology and University of Balochistan. In which University of Balochistan were able to defeat the team of University of Engineering & Technology and entered the next round.

Foot Ball team of BUITMS made its way into the semi finals. In the semi final, BUITMS' players showed great teamwork and secured position into the finals by winning the match with ease. Badminton teams of BUITMS and University of Balochistan. won their semi final matches against University of Engineering & Technology and Iqra University respectively. Whereas, BUITMS also defeated Iqra University in the semi final of Table Tennis. The Basket Ball final was played between BUITMS and University of Engineering & Technology in which BUITMS' team got the victory. In Tug of War event, along with 4 male teams 3 female teams also participated. All the league matches of Tug of War were played on the same day. BUITMS had its match against University of Balochistan in which BUITMS were crowned with success.

27th June was the day for finals of almost all the events. Among the finals five matches including the Foot Ball, Badminton (male), Table Tennis(male), and The Tug of War (male & female) competitions, were played between BUITMS teams and teams from University of Balochistan. All the matches started at 10 a.m. Foot Ball match was held on the Foot Ball ground of Ayub Stadium.



Badminton match in progress

The final matches of Badminton (men) and Table Tennis (men) were also carried away by University of Balochistan. The females of University of Balochistan also followed their fellow teams and gained success by beating the Tag of War team of BUITMS. In the final competition of Tug of War (men) BUITMS defeated the team of University of Balochistan. The girls of BUITMS faced the teams of Sardar Bahadur Khan University in the finals of last two events. In both the contests BUITMS outclassed the female teams of Sardar Bahadur Khan University and scored successes in the finals of Badminton (men) as well as Table Tennis (women).

Dr. Ehsan ullah Kakar, Akhtar Mohiddin, Zainullah, Abdul Nabi, and sadiq Bugti were the members of Protest Committee selected for Sports Gala, whereas the medical Facilities were provided by D. Agha Mohammad Raza and D. Zubaida Umer. To give full coverage to the events Mr. Ahmed Shah took the charge of Media Committee.

The event organizers were Faisal & Hafeez Ullah for Table Tennis, Sabir and Jameel for Badminton, Naseeb Ullah and Nasir Khan for Foot Ball, Mr. Ahmed & Faizullah for Basket Ball while Abdul Nabi and Masood Kasi were given onus for organizing the Tug of War event. Mr Qdeem Kakar was the overall Organizer and he assisted in the matters whenever and where ever needed.

It was 28th June, 2007 the closing ceremony of other successful and memorable sports gala was about to begin at Takatoo Campus (Expo Centre). The audience in hall gave a round of applause when they saw the chief guest Brg: Agha Gul and Pro Vice Chancellor M.A.K Malghani entering the hall.



BUITMS Basketball Winner Team

Before the proper commencement of the ceremony Quranic verses were recited. Soon after the programme proceeded according to the preparation and the organizing secretary was requested to address the audience followed by the address of the worthy Vice Chancellor Engr: Ahmed Farooq Bazia and Brg: Agha Gul Chief Guest for the ceremony. Both of them not only appreciated the organizers for holding such a fabulous event but also appreciated the participants for showing keen interest and zeal in sport activities.



BUITMS Girls Winner Team



Lastly the prize distribution ceremony begun and the results were announced firstly the prizes were distributed among the captains of the winning and runner up team in the tug of war.

Tug of War (Male)

- Winner trophy (BUTIMS)
- Runner up trophy (UOB)

The females took active part in all the activities and impressed the spectators with the impressive performances. UOB was declared the winning team of Tug of War (Female)

Tug of War (Female)

- Winner trophy (UOB)
- Runner up trophy (BUIITMS)

Basket Ball (Male)

In Basket Ball team BUIITMS won the Gold medals for all the team players whereas the Silver medals were distributed among the runner up team of BUET Khuzdar.

- Winner trophy (BUIITMS)
(Gold medal for all the team players)
- Runner up trophy (BUET Khuzdar)
(Silver medal for all the team players)

Table Tennis (Male)

The Table Tennis event was quit interesting and several tough matches were witnessed.

However the result shows

- Winner trophy (UOB)
- Runner up trophy (BUIITMS)

Table Tennis (Female)

- Winner trophy (BUIITMS)
- Runner up trophy (SBK)

Badminton (Male)

- Winner trophy (UOB)
- Runner up trophy (BUIITMS)

Badminton (Female)

- Winner trophy (BUIITMS)
- Runner up trophy (SBK)

Football

- Winner trophy (UOB)
(Gold medal for all the team players)
- Runner up trophy (BUIITMS)
(Silver medal for all the team players)

Champion trophy of the university

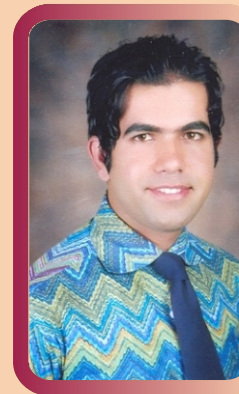
Winner Up

Runner Up

It was a memorable day in the history of BUIITMS and will be remembered for long period of time. Refreshment were offered to Chief Guest, Guests and participants.

Lecture by Prof. Dr. Altaf Ali G. Sheikh

Report by: Zulfiqar Mushtaq



Human beings are always engaged in the hunt for finding answers to the riddle of progress and through their constant exploration they open the way to progress in any field either management sciences or biotechnology computer engineering or science and technology. The essential factor is the Continuous research.



Dr. Altaf Sheikh, DG research and Dev. HEC

The research will not only be helpful to the organizations, businesses and individuals in notifying the factors where they can improve their effectiveness and efficiency but also facilitate them in rectifying the mistakes. Keeping the significance of research in mind the Balochistan University of Information Technology and Management Sciences (BUIITMS) arranged a seminar in collaboration with the HEC (Higher Education Commission) which was keenly attended by the Deans, Chairmen and other Faculty members of all the departments of university. Prof. Dr. Altaf Ali G. Sheikh, Director General Research and Development and Engr. Zarsher khan (International Liaison Officer) delivered their lecture on the significance of research and HEC's strategies and aims. He told that the HEC's main aim is to fuel the national growth with the help of Govt. sector by training manpower. HEC's mission is to "facilitate institutions of higher learning to serve as engine of socio-economic development of Pakistan".



He identified three key areas of importance which had been neglected for the past 55 years they included access, Quality and relevance problems. It was told that HEC aims at four core issues i.e. faculty development, improving access and learning, excellence in research and relevance to the national priorities which in turn prove out to be supportive in infrastructure development, better governance & management and quality assurance.

Some of research support programmes offered by HEC are listed below:

National Research Programme For Universities (NRPU)

University-Industry Technology Support Programme(UITSP)

Strengthening Of Universities And Institutions Of Higher Learning In The New And Emerging Technologies(Umbrella Project)

Country Licenses of Advanced Design Soft wares For Teaching and Training in Engineering Institutions.

Pak-U.S Joint Academic and Research Programme.

University Industry Interaction

International Linkages of Pakistani Universities with Foreign Universities.

Training Programme for Technical/Scientific Staff and Researchers.

BC_HEC Joint Higher Education Links Programme.

Travel Grants to Teachers/Scholars.

Grants for Organizing Seminars/Conferences/Workshops Etc.

Pakistan Organization Of Collaborative Research.(POCR)

Access to Scientific Instrumentation.

He highlighted that the NRPU is basically designed for the faculty members of the public universities/DAIs, this has been extended to nine private sector universities (including Social Sciences, Basics, Natural, Physical, Medical Sciences, Dentistry, Agriculture, Engineering and Technology). The application for the programme is accepted throughout the year and the award decision is based upon the peer review.



Audience at the briefing

He told that 11 professors/experts from Germany have joined different universities/institutions and completed their assignments. To provide travel grant to university faculty and PhD students for presenting their research papers ORALLY in National or International conferences or to peruse their PhD studies, Travel Grants Project is working.

During his lecture Prof. Dr. Altaf Ali briefly introduced all the other projects as well. Finally the question answer session was conducted and all the participants were given refreshment.

TV Programs of Dr. Abdul Razzaque Memon

Report by: Yasir Ishfaq BS(CE) 8th

Prof. Engr. Dr. Abdul Razzaque Memon represented Balochistan University of Information Technology and Management Sciences (BUIITMS) Quetta and participated in series of PTV programs on issues related to Earth, Energy and Environment to create public awareness regarding earthquake forecast, production of free energy and environmental protection.



Interview of Engr. Dr. Abdul Razzaque Memon

In his recent program of Sunday Lounge of PTV on Sunday, June 17, 2007 with Mishi Khan, Nauman and Qaiser Nizamani, Dr. Memon spoke on forecast of earthquakes through network of substations with tilt-meters, gravimeters, seismometers, accelerometers and magnetometers surrounding the vulnerable areas near the fault for the life and property saving research effort for a project to predict the impending earthquake in advance.

The next most appealing TV program of Dr. Abdul Razzaque Memon was televised on the channel of Hum TV in the Mindpower program with Ghazal on Monday, June 18, 2007. With the excellent compering by Ghazal, the large audience of Pakistan benefited from the public awareness effort of Dr. Memon regarding the disaster relief tips needed during the sudden disasters that can befall on the citizens during earthquake, landslides, floods, mudslides and fire emergencies faced by the nation.



The common public learnt a lot about the valuable as well as crucial life-saving information for such suddenly occurring natural disasters.

Dr. Memon also described his participation and contribution towards many scientific research projects in pipeline with various government departments as joint venture programs which he is conducting and promoting to cultivate the culture of research in the country. As the chairman of the faculty of Computer and Emerging Sciences at BUITMS, Takatu Campus, Dr. Memon is actively associated with the research projects of Alternate Energy Resources including the generation of electricity from wind tunnel along the mountain slopes, desalination of sea water into drinking water along the sea coast, using solar and windmill energy and electrification of rural and far-flung villages under the rural electrification and economic development program.

Another appealing TV program of Dr. Abdul Razzaque Memon was televised on the channel of PTV National in the Khatanhar program of Tajdar Aadil with Shaista Gul on Tuesday, June 19, 2007. The large audience of Pakistan benefited from the public awareness effort of Dr. Memon regarding the education of Science and engineering in Pakistan. The common public of rural areas of Pakistan learnt a lot about the valuable as well as crucial information needed to encourage the rural lot to turn to the education. Dr. Memon received several queries of the public and explained his answers with solid examples of Japan and America.

Quetta CAD/CAM Centre

Reported by: Abdul Qayyum.



Quetta CAD/CAM Centre was launched on 5th March 2007 under the supervision of TUSDEC (Technology Upgradation and Skill Development Company). It has been established by Pakistan's Ministry of Industries, Production and Special Initiatives to upgrade technology and skills of key and

strategic industrial clusters and connect Pakistan to the global value chain. TUSDEC is a Guarantee Limited Company, wholly owned by Government of Pakistan but managed by the private sector.

After conducting detailed need assessment surveys, CAD/CAM centers in Peshawar, Gujranwala and NIDA in Lahore are currently in the planning phase.

Trained persons from these centers will cater to the needs of different manufacturing sectors of the respective cities e.g. automotive, light engineering, sport guns and arms, agriculture tools and implements, electronic appliances, plastic and rubber goods, leather and footwear, fan manufacturing, ceramics, sanitary fittings, cutlery, home appliances, machine tools, furniture, construction/architecture, etc

After establishment of NIDA (CAD/CAM) centre, Quetta has successfully trained 4 batches professional engineers, assistants, draftsman, and professionals involved in designing and analysis.

The Certificate Distribution Ceremony of Two courses held (3D Modeling) 18 To 23rd of June 2007 and (Computer Aided Drafting) 18 To 30th of June 2007 training at NIDA(CAD/CAM) Centre, Quetta was arranged at 4:00 PM. 3rd of July 2004.

Vice Chancellor Balochistan University of Information Technology and Management Sciences, Engr. Ahmed Farooq Bazai presided over the ceremony with other guest.

Mr. Azhar Hussain Started the ceremony with the recitation of Holy Quran, Manager CAD/CAM Centre, Quetta, Engr. Muhammed Jamil told the candidates about the mission, goals and objective of TUSDEC NIDA (CAD/CAM) its projects and programs Chairman Faculty of Computer and emerging Sciences Dr. Abdul Razzaque Memon told the audience about the importance and applications of CAD/CAM in the modern age.



VC, BUITMS in the certificate distribution ceremony

The chief guest Vice Chancellor Balochistan University of Information Technology and Management Sciences, told the participants about the cooperation between both the organization and appreciated the programs offered at the Centre, and distributed certificates among the participants.

It is announced with great pleasure that Pakistan Engineering Council has accorded transitory accreditation to the BS (EE) and BS (CE) Programmes of BUITMS