Quarterly Newsletter of Institute of Business & Technology - BIZTEK

BIOTOMINATION Sep-Deg - 2007

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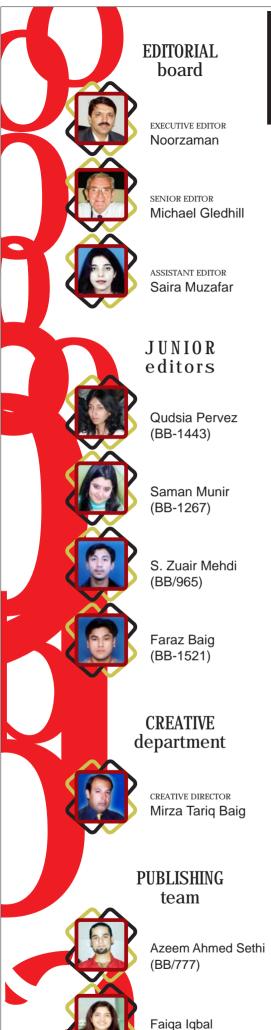






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E EDITORIAL R

Importance of Time

"We need time. We need time to work, to eat, to sleep, and to accomplish all the daily chores of living. We also need time to know and understand our mates, our children, and our friends. Most of our relationships, in fact, requires more time than we have, and it is difficult to avoid the feeling that we could never have enough. Nor is our list of demands on our time complete. We have ignored the time we need to be alone, a necessary but invariably short- changed period. . .

"All these demands come before the proliferating hardware used in the consumption of still more time - before the possession, use and maintenance of automobiles, small and large boats, tennis rackets, skis and golf clubs, sewing machines and looms, bathing suits, hi-fi sets, tape decks, cameras, etc. All these things - the inevitable trappings of affluence - make still more demands on our ever-diminishing store of time. They are responsible for many of the sour notes sounded as affluence becomes more general and more disappointing. . .

"The limit to all of this has been explored by economist Staffan Burenstam Linder. If it requires time to produce things, it also requires time to maintain and consume them. While this may seem obvious to the harried, it is neglected in most economic literature. If we assume that each worker has a total of sixteen hours to "spend" and that each hour of productive work also requires a half hour of maintenance or personal work time (including eating, dressing, washing, etc.) and a half hour of consumption time, then we can expect an increasing pressure on our available time if we produce an increasing amount of goods in our hours of directly productive work. If a new machine doubles the output of goodies, we then will have twice as much product for the same amount of work. While this may be a delight, it also means that we have twice as much consuming and maintaining to do in our "non-work" hours. Thus we become ever more harried as our productivity increases."

Noorzaman Executive Editor

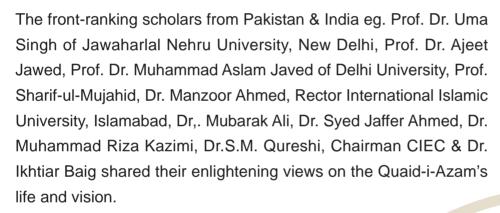
INTERNATIONAL BIZTEK'S CONFERENCE ON

'THE VISION OF QUAID'

A GRAND SUCCESS

A one day international conference on the theme 'Quaid-i-Azam's Vision of Pakistan' was held by the Faculty of Management & Social Sciences (BIZTEK) at Hotel Marriot, Karachi on October 20, 2008.

The grand event in which some of the luminaries in Quaid-i-Azam studies participated was held in collaboration with the Higher Education Commission, Islamabad, the Chief Organizer of the conference, Dr Muhammad Ali Siddiqui, a Pride Performance Award winner academic and the only D.Litt in Pakistan studies made strenuous efforts to ensure that the event was a success.



The proceedings began with the welcome address of Dr. Muhammad Ali Siddiqui, Dean Management & Social Sciences. In all three sessions, of the conference the inaugural and sessions No.2 and 3, a unique consensus of thought emerged about the Quaid's constitutional and democratic leadership which didn't admit of any communal or sectarian politics throughout Quaid's more than 50 years of political life.

In the inaugural session, presided over by Chaudhry Iftikhar Ahmed, Sindh's Minister of Law, Prof. Sharif-ul-Mujahid delivered his illuminating keynote address. He dwelt upon the pioneering role of Sir Syed Ahmed Khan in the 19th century and the Quaid-i-Azam rote in the 20th century. Sir Syed Ahmed Khan was a staunch believer in the Hindu Muslim unity, he said. However the congress, since its inception in 1885, didn't pay any heed to the Muslim susceptibilities resulting in Muslim community's staying away from its deliberations.





























Likewise the Quaid-i-Azam was also staunch a supporter of Hindu Muslim unity but he had to leave the congress in 1920 after Gandhi introduced the concept of Ram Raj from the Congress platform.

In the vision of Jinnah there was no space for secretarianism, communalism and theocracy. He was opposed to feudalism and the exploitative nature of capitalism. He wanted Pakistan to be a forward looking modern parliamentary democracy having an egalitarian economic agenda for the welfare of its people.

The second session, presided over by Mr. Hamid Abidi, Chief Minister's advisor on Information was addressed by Dr. Mubarak Ali, Dr. S.M. Qureshi, Kunwar Idrees, a senior bureaucrat and columnist. Dr. Muhammad Riza kazimi and Dr. Manzoor Ahmed, Rector of the International Islamic University, Islamabad, Mr. Abidi, the C.M, advisor, dwelt on the Vision of the Quaid-i-Azam and stressed its importance as a beacon light for country's integration and development.

The last session, presided over by Dr. Hamida, Khuhro, Sindh's Minister of Education had Prof. Dr. Uma Singh, Dr. Syed Jaffar Ahmed and Khuhro, herself, as the main speakers. Dr. Khuhro is a historian in her own right and spoke extensively on the Vision of Pakistan which, according to her, appeared to be receding day by day.

Chaudhry Iftikhar Ahmed, Minister of Law, Sindh emphasized the importance of the Quaid-i-Vision for the people of Pakistan. He said that it was a pity that we, Pakistanis have not proved ourselves as the custodians of the Quaid's Vision. Dr. Ikhtiar Beg emphasized in his talk the economic Vision the Quaid-i-Azam.

Col (R) Tahir Hussain, Rector Biztek welcomed the speakers, the guests and the students to make the occasion a great success. He said that Biztek was conscious of its role as an Institute eager to strengthen and serve the Vision of the Quaid-i-Azam.





By Azim Abbas – Dy Registrar

Dr Riaz Ahmed Sheikh, Registrar's invitation to attend an International Conference in Japan.

Dr Riaz Ahmed Sheikh, Registrar, will be participating in an International Conference organized by 'Asia Association for Global Studies (AAG)' at Kobe University, Japan in the month of March 2008. Only handfuls of world renowned scholars are invited to attend the said conference and it's an honour for the institute that Dr Riaz Ahmed Sheikh is amongst them. He will be presenting his paper on 'Indigenous Knowledge: The Madrassah System in Pakistan'.

Expansion of Biztek Facilities.

Due to the overwhelm response and appreciation in programs offered by Biztek in its City Campus, it has been decided to expand the facilities by introducing new programs and new campuses. Efforts are in hand to launch new campuses by mid of year 2008. Biztek remains committed to offer quality education at an affordable price in pursuit of excellence.

Launching of MS and PhD Programs.

Biztek is imparting quality education and committed for its cause of inception by improving every passing day as well as by introducing new courses and programs. After the successful launching of MS & PhD programs for faculty of Management & Social Sciences, Biztek is planning to launch MS and PhD Computer Sciences & IT. MS and PhD programs will be launched by the start of year 2008.

All Karachi Inter University Squash Championship.

All Karachi Inter University Squash Championship is planned in the month of January 2008. Number of universities has confirmed their participation. This will be the first Squash Championship to be held on newly renovated squash court of the institute. Technical committees and umpires are nominated.

Address by Mr. Tasneem Ahmed Siddiqui

Nadir Faruqui

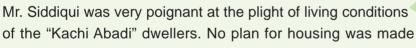
Mr. Tasneem Ahmed Siddiqui former Chief Secretary Government of Sindh, Director General Kachi Abadi, Director General of Hyderabad Development Authority, and also served in East Pakistan before 1971, was invited to address to the Students Orientation Spring 2008. Being a bureaucrat and founder of the NGO 'Saiban', he shared his views and experience with students joining Biztek.



Mr. Siddiqui did MA in Political Science from University of Sindh in 1964 and joined the Civil Service of Pakistan in 1965. He progressively ascended in his profession and became Deputy Commissioner of Sukkur in 1979. 1n 1983-84 Mr. Siddiqui received the degree to M.P.A for kennedy School.

At the Student Orientation, Dr. Siddiqui recounted his earlier professional life, endeavors and challenges that he encountered in life.

Mr. Siddiqui's dedication to the social causes and uplift of human living conditions is unparalleled. Founding of the NGO SAIBAN, in which land was acquired for the underprivileged and infrastructure is developed for the residents. The most important aspect is that land tenure rights were given to the allotee's.



and implemented with industrialization. Industrial areas being planned leading to decay of civic infrastructure.

Mr. Tasneem Siddiqui addressed that he has done what is every citizen's civic duty- to develop civic sense and its implementation. The impediments he encountered were from all sections of society, Corruption and its elements have tried to daunt his vision but have not been successful. To challenge the corruption in the system, he had to face severe professional consequences but never did he waiver or regret his decisions.

Mr. Siddiqui reminded the youth of today, needs to realize according to all times that it is always up to them to make the final decision for what they want to accomplish in life and contribute to mankind.

It was an inspiring speech for the students to receive a personal account of an individual who is blessed with so many opportunities for self gain and sacrifice them for his fellowmen.



Address by Mr. Niaz Ahmed Siddiqui

Nadir Faruqui

At the student Orientation for Fall 2007, Mr. Niaz Ahmed Siddiqui, IG Sindh addressed the Biztek Students that elaborated the emphasis of education in society and how one has to consistently keep making personal contributions for the progress of society.

Mr. Niaz Ahmed Siddiqui has made significant contributions to the academic progress despite his professional duties and extremely hectic schedule. This is in itself a manifestation to all of us that if we are disciplined and truly focus our thoughts into actions, one can deliver the tasks. For the students at Biztek who are embarking into their professional careers there was sheer evidence in presence that one has to manage time and focus their thoughts into actions to attain higher goals in life.

Mr. Niaz Ahmed Siddiqui has been the Chief Instructor of NIPA Karachi. NIPA Karachi mentors and trains public sector officials for being: skilled analyst, competent managers, and effective advocates. These ethos are the values that Mr. Niaz Ahmed Siddiqui faced daunting challenges but refused to relinquish his efforts. Mr. Siddiqui initiated efforts to establish NIPA into a University for Senior Bureaucrats.

Mr. Siddiqui has credit for devising and implementing incentive methods for crime riddance. A rare police officer who has clear understanding of prevalent reasons for crimes in society and a philosophy on improving the conditions for its citizens.

Mr. Niaz Ahmed Siddiqui started his career as an ASP officer and served in various capacities including DIG Hyderabad, Commandant Police Training Institute. This is a manifestation to us all students that being consistent and hardworking will yield results as we see how Mr. Siddiqui has established his professional life.

Mr. Siddiqui is a multifaceted personality with great understanding, in depth knowledge and recitation in poetry of the great likes of Faiz, Nasir Kazmi and Western poetry. Such diversity shows us how to balance and coordinate our life and refine ourselves.

The attendees at the Student Orientation had a great opportunity to see and hear first hand how multifaceted, focused and determined individuals leaves a significant mark and impact in society.

Address by Mr. Zafar labol

Nadir Faruqui

Mr. Zafar Iqbal member CBR Technical Customs, Excise and sales Tax Appellate Tribunal made an interaction during his visit to Biztek on the occasion of Student Orientation of Fall 2007.

In his distinguished path of education: Mr. Zafar Iqbal has obtained Law degree from Punjab University, MPA from University of Southern California, Los Angles in 1986 and LLM from Harvard. With rich diversified educational background, students got an oppertunity to learn from his experiences.

Along with his rich educational back ground, he has been on high portfolios in his career as Assistant Controller, Central Excise Karachi, Assistant Collector of Customs, Appraisement Attorney with Azmuddin while having Law Associates with extensive experience in Private International Law.

In the international arena, Mr. Iqbal has Professional Honors in US AID research Scholar USA and Common Wealth Fellow. Mentioning some of the publications to his credit are "Re-Structuring of District Administration in Pakistan", 'Changing Commercial Policies: Comparative Study of USA, China and Pakistan', 'Pakistan's Experience in Indirect Taxation', 'Understanding The Concept and Nature of Frauds', and 'Understanding The Law of Sales Tax'.

The importance of education in the development of one's mental faculties for strengthening and development of human civilization was the key aspect stressed by Zafar Iqbal. In today's commercialized daily life, one tends to overlook the essence of education and purpose which Mr. Iqbal stressed can make us digress from the mission we set out for-Education is not only for today, but for our future generations to come.

Mr. Zafar Iqbal from his experiences of policy making, implementation as Tax Administrator, teaching at Karachi University on Development Problems, working with ILA, IMF and World Bank elaborated to the students the necessity of acquiring and disseminating education.

The students were motivated by Mr. Zafar Iqbal's speech and realized the pivotal role education plays in their lives.



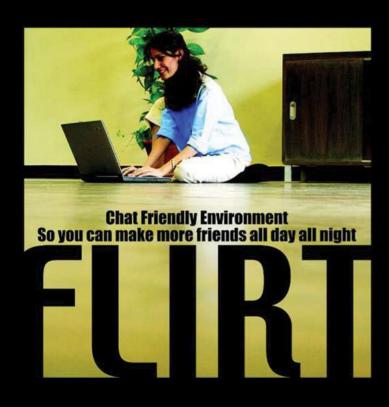
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BRAIN FOODS: THE SMART WAY TO EAT

Saira Muzafar

Brain food. What is it? My grandma always told me fish was brain food, but she also said, "If you keep doing that you'll go blind." That was an old wives' tale, but is nourishing your noggin as easy as opening a can of tuna? You may be surprised.

Fish is good for your body and your brain. eating fish at least once a week can slow mental decline by three to four years. Give a man a fish and he eat for a day? -- teaches a man to fish and you may prevent dementia.

Fish isn't the only brain-booster, but building your brain can be pricey with all the supposed brain-boosting pills on the market, so to keep your waist thin, your wallet fat and your mind moving here are the foods that keep you health, wealthy wise:



Fish is particularly rich in omega-3 fatty acids, the essential fats that ensure healthy functioning of the cells in the brain.

Nuts and Seeds are rich in selenium, vitamin E and photochemical, nuts and seeds protect against brain aging. Their plant sources of omega-3 fats also contribute to healthy brain cells.

A cup of **green or black tea** provides polyphenols, special plant compounds that keep brain neurons healthy and blood vessels elastic so that nutrients can flow to the brain. Choose green tea to enhance memory and alertness and improve attention span. Whole grains supply the brain with its preferred source of fuel: carbohydrates. Whole grains also contain three B vitamins important for brain energy: folic acid, vitamin B6 and B12. Whole wheat pasta, barley, oatmeal, brown rice and whole grain breads are all sources for complex carbohydrates.

A CART OF MANY COLORS

In general, think colors when perusing the produce aisle. If it's brightly colored, it is brain food -- loaded with vitamins, minerals and photochemical that maintain brain health and enhance mental performance.

A diet rich in **fruits and vegetables** contains many antioxidants, vitamins and minerals essential for optimal brain function and memory.

All **berries** are good, but especially blueberries are rich in anthocyanin pigments and potent antioxidants that build a protective shield around the brain, guarding against aging and damage to the brain.

Spinach is an antioxidant powerhouse, bursting with beta-carotene, vitamin C and folic acid that help to keep blood vessels healthy and brain nerve impulses working properly. The iron in spinach is important for getting oxygen to the brain and improving concentration.

To improve your brain function, even out your blood-sugar level by eating and drinking water regularly -- try a meal or snack every three to four hours.

The best sugars for the brain are complex carbohydrates. Starches and fruit sugars (fructose) do not cause the roller-coaster mood swings that junk sugars do. The molecules in complex carbs are long, so it takes longer for the intestines to break them down into the simple sugars the body can use. They provide a time-released source of steady energy, instead of a sudden surge followed by a sudden drop.

Now challenge your friends to a rousing game of Trivial Pursuit to show them just how smart you are, and remember:

"One cannot think well, love well, or sleep well, If one has not dined well"















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BIZTEK STUDENT/APPLICATION

Faiza Khalid BB-1188

As we all know that the world is now become as a global village, means there are no more boundaries between the countries, it is just because of information technology. In all over the world, the concept of virtual universities is also a part of this era.

Nowadays, we witness that most of professional higher education institutes and universities are operating information technology in a sense that they completely shrink their entire process of computing and information by giving online access to every user and every user can directly access it at their homes very conveniently. Applications like digital libraries, Online query system and online information system through which student can get online lectures, information regarding Assignments, Project, Reports , Academics details, their queries as well as their Results. Its matter of honor that with the grace of Almighty Allah our university, Institute of Business & Technology (Biztek) also implemented these high profile online applications for Students access.

ONLINE APPLICATIONS ENQUIRY





FOLLOWING ARE THE APPLICATIONS.

- 1. Online Student Application (www.biztekian.com/stapp)
- 2. Online Student Information System (www.biztekian.com/bizsis)
- 3. Online Digital Library (www.biztekian.com/digitallib)
- 4. Official Emails account for all students (www.biztekian.com/exchange)

Students can get online lectures through Digital library, check their progress report, Accounts details, examination details and their emails. All students when they get registered in their first semester, they are assigned individual ID's and Passwords for the same. No doubt it is really an international touch and we being students proud on our institute and especially on our IT department with this type of system making a bridge between students, teachers and university management. Whenever,

a student feels any difficulty at any stage, from the time of registration to his/ her pass out, he/ she can directly contact with concerned department at any time (24/7).

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EXPANSION OF EXECUTIVE DEVELOPMENT CENTER (EDC) - CITY CAMPUS

By Azim Abbas, Dy Registrar

Executive Development Center (EDC), City campus of the institute was launched in October 2006. Idea behind launching EDC at Uzma Plaza, Main Shahrah-e-Faisal was to give an opportunity to the working executives so that they develop their skills required to progress in their careers. Launching of Executive development center was appreciated by the executives that gave them easy excess to the top ranked Institute of Pakistan at their door step. Traveling time is always the major concern in the city of Karachi where long queues and traffic jams becomes a major concern for executives who wish to get better equipped with skills they need to enhance their respective fields. Biztek City campus was a very simple and most desired solution for these individuals.

City Campus was initially started by taking two floors where evening and weekend programs were offered. However, due to the overwhelm response, Biztek felt immediate need for expansion of facilities at City campus. For this purpose, third floor in the same building was acquired that enabled Biztek to fulfill the growing requirement of classes and auditorium due to the executives joining Biztek. In addition to this, new computer labs were establish so that growing number of students be able to utilize maximum facilities provided by the institute to keep abreast with their respective fields.

On acquisition of third floor, City campus is now able to accommodate and facilitate more executives/students. Newly furnished auditorium with modern sophisticated training aids became instrumental in inviting renowned seasonal executives as guest speakers to share their views and experiences. This Auditorium become a platform of all such activities and largely appreciated by the students.

Biztek is committed for it cause to impart quality education at an affordable cost while increasing the facilities for existing students and for those who will join Biztek for becoming part of Biztek success story.



SOLAR POWERED WI-FI SYSTEM

The Internet has provided us Information and Knowledge. Its accessibility is not just limited to developed countries in fact, many developing countries, jumped on the internet bandwagon so to speak. However, inspite of the advantages of internet, there are some limitations attached to it too.

One of its many limitations includes its dependency on electricity. But this is not much of a problem anymore because a revolutionary way of being on line all the time has been pioneered the solar wi-fi power system.

HOW IT WORKS

Like many other forms of technological innovation, the internet is also dependent on the availability of cables and electricity for it to work. For this reason, its usage is limited in the developing countries where power failures are rampant, specially the rural areas. The solar powered wi-fi system has been designed to facilitate the use of the internet in such areas.

The solar powered wi-fi system is termed to be a solution for the conventional limitations and dependencies of the internet on cables and electricity. Its usage is based on a wireless system through its installed hot spot stations. Traditionally, the energy for activating the centralized hot spot station is usually provided by some electrical source. However, to overcome this dependency, the power is run to the hot spot station comes from solar energy. The solar wi-fi system has been designed, keeping in mind the more distant areas where there is little or no electricity and an absence of cables required for using the internet. The solar energy comes in the form of light waves and the solar panels are used for storing these light waves from the sun. The light wave, AP-1000, solar powered access point comes in two types of models, single and dual. The dual system is deployed on a chosen roof top and has two hinged solar panels. The single model light wave has only one panel. Each access point has a potential range of up to 30 miles. The light waves unit opens up and gathers energy from the sun, thus charging the batteries.



With these charged batteries, the network's wi-fi signals are transferred over a grid using a wireless network. It almost takes five hours of direct sunlight or an increasing amount of light over a longer period of time to charge one battery completely. One completely charged battery can energies one hot spot for 72 hours. Storing few batteries together can keep the system running for a few days quite easily. This has been a challenge in deploying the solar power wi-fi system to counter the constantly charging weather conditions. A commercial, solar-based system has been found to work for as long as a week without incoming light, but during the monsoon season (which usually lasts a month) in country its use is dependent on the amount of stored energy.

ADVANTAGES:

The solar powered wi-fi system is more reliable because the source of energy is unlimited and it is cost-effective in the long run. Studies shows that a 100 percent solar powered-based network can continue to work when there is no power, for example, on rainy days, storms and in disaster-hit areas or even deserts. The use of solar energy as a

power source decreases the cost of installing wi-fi power stations based the use of rechargeable batteries which are too expensive to be used as a source of energy. Rechargeable batteries also need to be changed every now and then, where as solar energy panels are much more reliable, as they have providing energy for the past 20-30 years in developed countries. Besides this, another advantage of solar-powered wi-fi systems is that they are portable and can be moved to areas which have lost power and require all information to be transferred to another area along with resource management.

By providing developing regions with a solar-powered wi-fi system, people from remote areas can finally go online and be a part of the global village the solar-powered wi-fi system is broadening the realm of global communication as it is expected to empower people for meeting the challenges presented by technology.



FUNKASHI DRAMA FESTIVAL

Faiga Igbal BB-1253

For the first time, BIZTEK participated in an Inter-university drama competition that had been organized by the Institute of Business Management on the 8th and 9th of November, 2007. The competition was called 'Funkashi' and it took place over 2 days in which a total of 7 universities from all over Karachi took part. These universities included Indus Valley School of Arts and Architecture, FAST, Karachi University and many more.

This event was a great opportunity for the students of BIZTEK to showcase their hidden talent. Our drama group members consisted of: Adeel as 'Hakeem & Zankha', Faiqa Iqbal acted as 'begum Sahiba' (wife of Hakeem), Salman Nosherwani acted as 'Sharfoo' (servant), Saman Muneer as Mrs. Butt & Munni (daughter of Hakeem), Umair Mudasser as 'Smandar Khan', M. Jahangir as 'Baboo Bhaiya' & Umair Wavdiwalla as 'Mr. Butt'. The script was written By Syed Salman Ali and was directed by Mr. Adnan Alam.

The events department supported the students and made them rehearse & polished the hidden talents Mrs. Samreenah Zeeshan & Mr. Adnan Alam were the back support for these students.

The theme of the drama "Neem Hakeem Neem Peer" skit was based around a Hakim and his family and all the "herapheri" he does with his patients and their medication. It was a comedy based play which was thoroughly enjoyed by the audience. Although our team did not win any award, we made theaudience laugh with our hilarious script, dedicated directors and comical actors. It was wonderful to see how much talent there is in our university. This talent ranges from singing, dancing and acting which was all portrayed in different ways throughout the play.

Taking part in this event was the first step towards taking part in many more inter-university events in the future.





ASSOCIATIONS

Academic and research associations with national and international organizations which includes: Georgia Institute of Technology, USA; John Hopkins University, USA; Virtual University Enterprise, USA; Microsoft, USA; World Bank; USAID: University of Oxford, UK; University of Greenwich, UK; ISMA, Aga Khan University and many more.

PUBLICATIONS

▶ Publishing two inhouse internationally refereed research journals i.e. Journal of Management & Social Sciences (JMSS) and Journal of Information & Communication Technology (JSIT) regularly.

▶ Biztekian Vision- The In-house Newsletter is published three times in a year covering the Campus activities and achievement of Biztek students.

- ▶ The Curricula matches those of world class international universities and tailor made / customized courses based on local requirements.
- ▶ Research oriented practical curricula meeting the present day business needs.
- ▶ Periodical software competitions are organized for inculcating creativity among students.

- ▶ The main Campus is located in the peaceful environment of Korangi Creek. It is designed for all those who want to study during day time.
- It's lush green lawn and spectacular building are spread over an area of more than 5 acres of land, an area many of our competitors envy.
- ▶ The air-conditioned spacious classrooms have multimedia and OHP facilities for teaching.
- ▶ Appreciably equipped modern Computer Labs have more than 300 P4s with latest technology.
- ▶ Biztek 'Knowledge Hub', the library has more than 10K titles of professional books and un-interrupted online access to 11,500 research journals worldwide through different library programs of HEC.
- Secure in-campus parking facility.
- ▶ In house Research Center, Discussion Forum, Students' Lounge, Girls' Common Room, Prayer Area etc.
- The Institute has established its Executive Development Center (EDC, City Campus) in the heart of the city at Main Shahra-e-Faisal. The Campus is equipped with the state of the art facilities

EXTRA CURRICULAR ACTIVITIES

- A well equipped Gymnasium plus Basketball Court, Snooker Hall, Table Tennis, Badminton Court, Cricket and Football ground etc.
- ▶ Elocution Contest, Creative Writing Competition etc. are organized for improving communication skills in the students.
- Student Week, Basant Mela, Mehfil-e-Milad, Music Masti, Fashion show all are organized for improving social skills and increasing fraternity among

FINANCIAL SUPPORT

- ▶ Biztek has awarded scholarships worth Rs. 15 million to its outstanding and deserving students during the last one year period.
- ▶ HEC approved Institute for need based Japanese Scholarship.
- ▶ Education loan facility available through designated banks...

FACULTY

Qualified academicians having PhD, and Masters degrees from foreign universities i.e Portland State University, California State University, USA; State University of New York, USA; University of Pennsylvania, USA; Western International University of Arizona, USA, (Lomdon Campus) Middlesex University, UK; University of Sheffield U.K; Cambridge University, U.K; Birmingham University, U.K; University of Southhampton, UK; University of Dundee UK, Startford University, London; University of Tehran.

Industry experienced faculty have been arranged particularly to add enhanced knowledge enrichment for the weekend students who are mostly serving executives.

Institute of Business & Technology

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Executive Development Center City Campus: 1st & 2nd and 3rd Floor, Uzma Plaza, Plot No. 20-A/1 Block-6, PECHS, Main Shahra-e-Faisal, Karachi Phone: (92 - 21) 4301085-88 Fax: (92 - 21) 4301089 E-mail: edc@biztek.edu.pk

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PROGRAMS OFFERED

FACULTY OF MANAGEMENT & SOCIAL SCIENCES

- BBA (Honors)
- Banking & Finance
 Management Information Systems (MIS)
 Marketing
- Human Resources Management

- Communication & Media Sciences BS (Social Sciences)
- Criminology Economics
- International Relation
- Psychology

- Banking & Finance
- Corporate Finance & Treasury Management Islamic Banking Management Information Systems (MIS)

Marketing

• MRA (Executive)

- MS/M Phil
- Finance Economics

Banking & Finance
Corporate Finance & Treasury Management Islamic Banking

Health Management
Human Resources Management

- Management Information Systems (MIS)
 Marketing
- Health Management
 Human Resources Management
- M Fd
- M.Sc
 Professional Psychology • MA
- Criminology International Relation Sociology

- Mass Communication & Media Studies

- Management Marketing

- Human Resource Management Education Social Sciences
- PhD
- Finance Economics
- Management
- Marketing Human Resource Management

- Media Sciences
- Education
- Social Sciences

FACULTY OF COMPUTER

- **SCIENCE & ENGINEERING**
- BCS
- BCS (H)

- Software Engineering Software Engineering
 Electronics
 Computer Systems\
 Communication and Media Sciences
- Web Designing & Multimedia

Electronic Engineering

Multimedia & Mass Communication

- Networking
- Web Designing & Multimedia Software Engineering
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- MS Telecommunication
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- Management Information Systems (MIS)

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Unix (officially trademarked as UNIX®, sometimes also written as Unix or Unix® with small caps) is a computer operating system originally developed in 1969 by a group of AT&T employees at Bell Labs including Ken Thompson, Dennis Ritchie and Douglas McIlroy. Today's Unix systems are split into various branches, developed over time by AT&T as well as various commercial vendors and non-profit organizations.

As of 2007, the owner of the trademark UNIX® is The Open Group, an industry standards consortium. Only systems fully compliant with and certified to the Single UNIX Specification qualify as "UNIX®" (others are called "Unix system-like" or "Unix-like").

During the late 1970s and early 1980s, Unix's influence in academic circles led to large-scale adoption of Unix (particularly of the BSD variant, originating from the University of California, Berkeley) by commercial startups, the most notable of which is Sun Microsystems. Today, in addition to certified Unix systems, Unix-like operating systems such as Linux and BSD are commonly encountered. Sometimes, "traditional Unix" may be used to describe a Unix or an operating system that has the characteristics of either Version 7 Unix or UNIX System.

Unix operating systems are widely used in both servers and workstations. The Unix environment and the client-server program model were essential elements in the development of the Internet and the reshaping of computing as centered in networks rather than in individual computers.

Both Unix and the C programming language were developed by AT&T and distributed to government and academic institutions, causing both to be ported to a wider variety of machine families than any other operating system. As a result, Unix became synonymous with "open systems".

Unix was designed to be portable, multi-tasking and multi-user in a time-sharing configuration. Unix systems are characterized by various concepts: the use of plain text for storing data; a hierarchical file system; treating devices and certain types of inter-process communication (IPC) as files; and the use of a large number of software tools, small programs that can be strung together through a command line interpreter using pipes, as opposed to using a single monolithic program that includes all of the same functionality. These concepts are known as the Unix philosophy.

Under Unix, the "operating system" consists of many of these utilities along with the master control program, the kernel. The kernel provides services to start and stop programs, handle the file system and other common "low level" tasks that most programs share, and, perhaps most importantly, schedules access to hardware to avoid conflicts if two programs try to access the same resource or device simultaneously. To mediate such access, the kernel was given special rights on the system, leading to the division between user-space and kernel-space.

The microkernel concept was introduced in an effort to reverse the trend towards larger kernels and return to a system in which most tasks were completed by smaller utilities. In an era when a "normal" computer consisted of a hard disk for storage and a data terminal for input and output (I/O), the Unix file model worked quite well as most I/O was "linear". However, modern systems include networking and other new devices. As graphical user interfaces developed, the file model proved inadequate to the task of handling asynchronous events such as those generated by a mouse, and in the 1980s non-blocking I/O and the set of inter-process communication mechanisms was augmented (sockets, shared memory, message queues, semaphores), and functionality such as network protocols was moved out of the kernel.

Unix

When All Doors Close

Talha Hameed

A recent sad story of my cousin's friend enlightened my mind and brought to light a very important fact of life that



when a person is happy, he has a host of people to share his happiness with but when he is sad there is no one to lend a shoulder.

My cousin's friend who was once a multimillionaire and had such a status in the society that many mediocre rich people in the society bowed down before him, faced a severe blow. He had a huge business empire. Yet in spite of being the sole owner of such a huge empire he was a man of humble nature, and that's where his greatness lay. He felt that the real pride of a man was his being human and beneficial to the

mankind.

Unfortunately, one wrong step in business was a great blow to his empire and within a few days he was on the streets. In his time of need all those people who had bowed down before him when he was rich didn't even bother giving response to his plea for help. They acted as if he did not exist. All his friends forgot how he had helped them in their time of need.

When I heard this story I couldn't believe that anybody could be so cruel and ungrateful. I was in deep shock when my father very slowly explained it to me that this was the way the world was. And that unfortunately was the rule of today's world. When you need help everybody you know becomes a stranger. And so man should never depend upon these worldly friends .He told me that always keep in mind that God is your most dependable friend. This was one statement which changed my life. I analyzed what my father had said and came to the conclusion that in order to face the obstacles of the world the biggest weapon a person should be armed with is faith in God.

There are times when man loses hope and all his friends, comrades, companions and relatives leave him and he has no one. But man should never face despair, he should never lose hope because there is someone who cares for him, who knows what is happening in his life and who knows that what's better for him and this is his Creator. Man should have faith in his God who is omnipotent and sovereign and who has the power over everything. Man should only spread his hands humbly before God. He should not bow down before rich people or powerful people because all these people are also answerable and accountable to God and the wealth in which they take pride is what God has given to them.

When all friends leave there is one sincere friend who always thinks good for us. And that friend is God. My cousin's friend got back his empire not by the help of his rich and selfish friends but with his own strength and God's help.

I am happy my cousin told me this incident because now when all doors close, I know where to seek help.





Goals keep us motivated. But sometimes, people find it too hard to achieve their goals. Maybe because they have set long-term goals before setting short-term ones, or they did not plan their goals carefully.

Goal-setting strategies are important especially for those who want to achieve long-term goals. Here are five goal-setting techniques to help you realize them.

1. Start with short-term goals that will lead you to long-term ones.

Sometimes, people start with short-term goals unconsciously. Why unconsciously? Some of them may have considered the goals to be long-term at the time they planned them; and after achieving a goal, they realize that they are in fact, looking forward to a longer one.

Some are contented with their short-term goals, but after a while will realize that they also need to attain longterm ones. Short-term goals seem to be our set off for longer ones. They will motivate the person to plan for longer goals, which will usually take some time before achieving them in full.

2. Make sure you really want the goal.

By this, you have to ask yourself: "Do I really want this goal? Will this goal gives me a better life?" Answering these questions will give you more passion to achieve your goal. Some people recall their past to find out why and how they came up with such goal.

3. Speak up. By this, it means you shouldn't keep your goals to yourself only.

Sharing your goals could help you get the support you may need from others. Some people are too shy to tell others about their goals for reasons like they are afraid they cannot achieve these in the end, or they lack the courage to speak up their minds. This is not a good habit because when the time comes that you really need

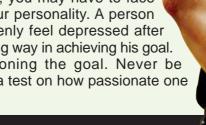
Their support, you will have a difficult time to get such support. You will then have to achieve your goals all by yourself. Also, sharing the fruits of your goals is uplifting to the mind and spirit.

4. Write down your goals.

This strategy is more advisable for those who have a long list of goals. After writing them, it is advisable to review them because this will encourage you to achieve them.

5. Stay on track and don't give up.

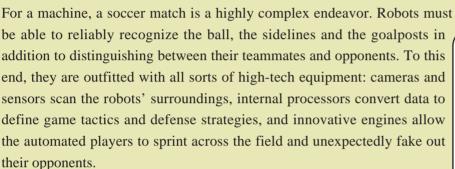
Reviewing notes will help open your mind to see if you are on the right track. While on track, you may have to face challenges that might change your personality. A person who is overconfident might suddenly feel depressed after finding out that he is going the wrong way in achieving his goal. Thus this might lead to abandoning the goal. Never be discouraged. Facing obstacles is a test on how passionate one is to realize his goal.



Soccer Robots Compete For The Title

By Abdul Aziz

Robot soccer is an ambitious high-tech competition for universities, research institutes and industry. Several major tournaments are planned for 2008, the biggest of which is the 'RoboCup German Open'. From April 21-25, over 80 teams of researchers from more than 15 countries are expected to challenge in Hall 25 at the Hannover Messe. In a series of soccer matches in several leagues, they will be putting the latest technologies on display. The tournament is being organized and carried out by the Fraunhofer Institute for Intelligent Analysis and Information Systems IAIS in Sankt Augustin.



There are now nine leagues, each of which has its own technological focus. In the middle-size league, robots get around on wheels. Four players and a goalkeeper compete for each team on a 20 x 14-meter pitch with standard soccer goals. They must be able to function completely independently and are equipped with internal camera systems that process information in real time. What's more, the robots can move up to two meters per second.

Other automated soccer players, such as Sony's robotic dog Aibo, run on four mechanical paws. And two-legged robots have been competing against each other at the RoboCup since 2005. "These

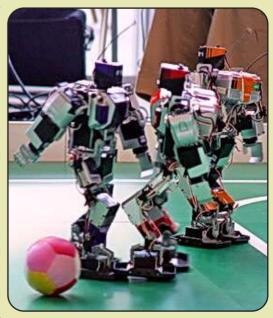
humanoid robots have come a long way in recent years," says Dr. Ansgar Bredenfeld, who is in charge of the RoboCup at IAIS. "Just like real players, they fall down and get up again, go after the ball autonomously and score goals."

The RoboCup is more than just a soccer tournament. Since 2006, there has been aÊ 'RoboCup(at)Home' category, a competition for service robots. In a replicated room, the robots must access refrigerators, collect garbage and recognize people. And in the 'RoboCup-Rescue' category, rescue robots must complete an obstacle course.

In addition to fighting it out in a robot soccer tournament, the future generation of scientists will be competing in the RoboDance (robot dancing) and RoboRescue (obstacle course) competitions. These events are extremely popular: about 300 teams have registered for this year's competition. "Robo Cup is a very important event, as it sparks young people's interest in technical degree courses."







Sports News

NEWLY CONSTRUCTED CRICKET GROUND

Cricket is not only the game, but a passion rather obsession in Pakistan. Its been played at all levels and educational institutions are main source of producing great players of Pakistan. Cricket not only encourages students to involve in physical activities, but it generates a healthy congenial environment for students.

Biztek constructed a cricket ground in the premises of main campus. On construction of this ground, Biztek is now amongst very few private institutions of Pakistan having their own cricket ground. Cricket ground was formally commissioned and inaugurated by the Vice Chancellor of Institute, Col (Retd) Tahir Hussain. On his speech, he affirmed institutes commitment to promote a healthy environment by giving more opportunities to its students while involving in such sports activities.

On inauguration, a cricket match was played between staff and students of the institute. Match was witnessed by large number of students and staff members that made this event even more colourful. An equally contested match was won by the team of Students who showed better skills and physical fitness.











RENOVATION OF SPORTS COMPLEX

Biztek believes that the extra-curricular activities play a vital role in students' mental growth and their involvement in sports activities produces healthy congenial environment.

Basket ball court at the main campus is re-constructed and a new court was made available for students. This basket ball court was constructed with superior quality material that is being used by the students and staff. Matches are being played and efforts are in hand to organize tournament in due course of time

In addition to the new basket ball court, Squash court of the campus is also renovated and new wooden flooring as well as glass walls are installed. Renovation of Squash court is much appreciated by all students and since its renovation it remained occupied most of the times. Inter university squash championship is also planned in the month of January 2008.

Biztek is amongst very few institutions in Pakistan those provide ample opportunities to their students to involve in sports activities. After renovation of Basket ball and Squash Courts, students can now luxury of vast variety of games including cricket, snooker and gym.











PICNIC! SOUNDS INTERESTING...

A trip to Al-Zaib Farmhouse was arranged by the students of Biztek, on 9th September 07. This picnic was organized by some of our very fun loving students those included Fahad Anwar, Sohaib, Rabistan, Faheem, Shahid and many more...

The journey started from the City Campus where all the students and faculty members. After breakfast the Biztekians headed towards the farmhouse...The beginning was fun which was carried out through out the day.

The whole day was very lively, full of excitement and delight. There were live music sessions, in which students had their guitars and other music instruments with them.

The students were enjoyed themselves in Swimming, Playing Cricket and indoor games while involving in lots of more other activities. The most interesting of all was that there was this movie theatre as well which was enjoyed by all along with lunch. Camel ride was another attraction.

Cricket was played between the students and faculty...off course students won as usual. Then there were lots of other games played such as 'kho kho' students and faculty played together and thoroughly enjoying themselves. It was an over all good entertainment and a mind relaxing entertainment for everyone.









Thoughts, Threats of Solfal Waste & Heap Of Trash

Muhammad Hussain Khorasan

In this big city of millions of people, there are several heaps of trash on fire and the toxic smoke rising is mixing with air and slowly making its way into our lungs, Somewhere else there is a rotting dump of garbage nurturing pathogens which sooner or later will make people sick, and at another place a plastic bag has clogged the sewerage line and the raw sewerage water is running on the street, the mosquitoes are breeding in it. The mosquitoes and the people are traveling on different history lines which are destined to cross at a point when people will get malaria and mosquitoes will have all the fun. Karachi is sick beyond measure and nobody seems interested in findina a cure to it's aim.

Why have we continually failed in solving our solid waste problem? Part of the problem lies in the fact that we are trying to solve the 20th century problems with 16th century education, skills and tools. When the going gets really tough we look for help to the developed countries, we scream for ready made solutions. God knows what makes our people believe the developed countries care about a remote third world country known as Pakistan, when we do itmake anyefforts our selves in the first place.

Then the IMF comes for help. The IMF gives its recommendations for higher taxes and cuts in expenditure. Such cuts invariably enervate the non-producing projects such as experimenting with new ideas to develop technologies more suitable for indigenous conditions. The message to the third world countries is the effect that they should keep on doing whatever they are good at and should not try new things. When the third world countries don't try new things on their own they have to import ready made solutions from somewhere for their new problems and the cycle of misery continues.

Some solid waste experts believe Karachi just needs a good leadership, more common sense, and some education.

An integral part of a successful solid waste management program in developed countries is the use of compost plants. But that solution is for a different world.

We need a compost plant? What is at the root of our garbage problem? It is its collection and transportation, or is it its disposal? Most of us thought it to be the former. By importing millions of piece of equipment the civic bodies is trying to make us believe otherwise.

Just as milk plant does not produce milk, a compost plant in the very true sense does not produce compost or fertilizer. Bacterias do that for you. Bacteria called microorganisms which multiply by simple division. Bad bacteria give you pneumonia, tuberculosis, etc. Goods bacteria curdles milk, ferment juices and compost biodegradables.

Some people think being environmentalist is being haughty; they believe environmentalists are trying to be fashionable by espousing "western ideas", they presume environmentalists pretend to care about environment because that is the in thing to do. Such people are clearly out of touch with reality.

The land, the sea, the air and the water make our environment. We live on it, we inhale it, we drink it, and we eat the food grown on it. Our relationship with our environment is a very direct one. One would be naive to miss such a clear relationship.

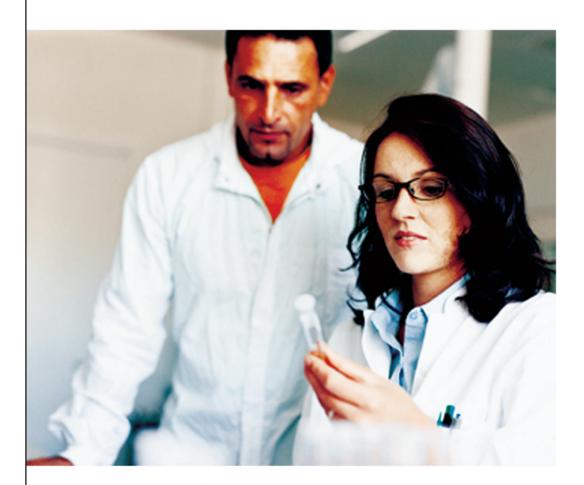
Caring for environment is caring for our future generations. Being conscious of environment is being interested in staying alive. Being environmentalist is being practical.

By polluting our land, our air, and our water we are threatening the sustenance of the beauty of ourselves, our family and our planet. Lot of damage is being done to our environment, mother earth is calling for help and we need to respond, not only to save her but in doing so to save ourselves.



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Speaker's Session

Abdul Aziz (CS Faculty)

Guest speakers can be effective pedagogical tools in the institute's classroom. They enhance student learning in a variety of ways. Studies have found guest speakers raise cultural sensitivity and enhance practical and technical knowledge in a particular field. Guest speaker session is a regular feature at BIZTEK. Speakers from various industries are invited to deliver knowledge on their subject of interest and experience. In this academic session of Fall 2007, eight Guest Speaker sessions were arranged by the faculty of CS & IT.



Mr. Talat Hussain, Country Manager ABN Amro Bank on September 20th, 2007 was invited by Mr. Adnan Alam Asst. Prof. in faculty of CS & IT. Mr. Talat discussed in detail the working of Link1 ATM systems. The lecture included both technical as well as general aspects related to the services that are provided by the system. It was a knowledgeable lecture and attended by a large number of students.



Faculty member Mr. Zafar Ali invited Mr.Kamran Khizar on 4th October 2007 for guest lecture. Mr. Kamran is working as a Program Manager at Pakistan International Airline (PIA), Who is an experienced Database Administrator. He delivered a detailed information regarding the Market Utilization of Oracle Database Server. He explains how Oracle Database Server can help us to get a competitive advantage in the market. He also talked about the latest marketing strategy by the Oracle Corporation. Students were enlightened to have such a lecture from guest Speaker informative.



On October 16th 2007, Mr. Noor Zaman Asst. Prof CS & IT and Manager IT at BIZTEK invited Mr. Engr Zubair, HOD Telecommunication, Usman Institute of Technology to provide a comparison between different operating System from industry prospective. Mr. Engr Zubair provided an in depth knowledge to the students, and students found this guest lecture very informative.



On October 31st 2007, Prof. Dr. Mansoor-uz-Zafer Dawood Dean CS & IT invited Mr. Adnan Moin Siddique to speak on WIMAX Technology. Mr. Adnan Moin Siddique is a senior Executive Engineer Planning at AlWarid Telecom. He discussed about the growth and development of the telecom sector in Pakistan and briefed students and other audience about the WIMAX Technology in detail.



Mr. Muhammad Owais Zameer, one of our faculty member invited Mr. Noman Atique, Senior Lecturer at Baqai Institute of Information Technology on 21st November 2007. He spoke on "Data Interchange (EDI)" using XML. He has been involved in research and development for quit some time. Some of the aspects were preliminary for the students of CS & IT, but never the less it was able to get equal attention by business students also.



Mr. Abdul Hafeez on November 22, 2007 invited Mr. Syed Haider Abbas as a guest speaker session on GPRS and Remote Sensing programming. This session was specially arranged for the students of CS&IT. Students exhibited great interest and very actively participated in the discussion, at the end of the lecture.



Mrs. Shaista, one of our faculty member, invited Mr. Engr Khalid Bin Muhammad, IT Manager at Institute of Business Management on November 23, 2007 who spoke on 'Software Usage in Industry'. He highlighted some of the major problems which our industry is facing in the recent times and also discussed in detail the software requirements of different industries. Students found the lecture very interesting and informative.



Mr. Abdul Aziz, lecturer in the faculty of CS & IT, organized a workshop on "Server 2003 Active Directoy" on 27th Nov 2007. The workshop was conducted by Mr. Sheikh Muhammad Fahad, System Administrator at Liaquat National Hospital, Karachi. He is an expert in the area of networking. He is also a visiting faculty member at various Institutes and universities in Karachi. The workshop was very well organized and mainly attended by the students, lab attendants and teachers of CS&IT.



Students' week

Biztek always promotes extra-curicular activities along with the emphasis on quality education. Biztek's Event Management team remains busy in planning and organizing several events that keep students motivated and thrilled so that they always remember their university life. In accordance with institute's policy to promote such activities, Student's week was celebrated from 3rd of September 2007 till 9th of September 2007.

Snooker tournament

Students' week started with a Snooker tournament on Monday the 3rd September. Number of students participated in this tournament which started in morning and after the day long competitions, final was played on the same day. Sports Officer Biztek, conducted the tournament which was witnessed by students as well as staff members. Staff member were equally participating in encouraging young armature players.

Movie Show

Institute's auditorium was utilized for Movie show that was organized on 4th of September 2007. A popular comedy movie 'PARTNER' was shown during the show. Large number of students turned up to enjoy the show and the show proved to an excellent entertaining event of students week.

Table Tennis

Biztekians have shown tremendous talent in Table tennis. Therefore, a table tennis tournament was played on 5th of September 2007. Talented players of Biztek include students as well as staff members. In this event staff members also tried to compete but students proved to be the better contestants. Whole tournament was witnessed by thrilled students and staff members.

Badminton Tournament

On Tuesday 6th of September 2007, a badminton tournament was organized and played under the supervision of sports officer. Students actively participated in this event and spectators had a great time in witnessing each game. This tournament not only exposed the talent Biztek has but also brought interest amongst spectators.

Antakshari

Last event of the student's week was based on the famous singing program, Antakshari. Students were extremely excited about this event and found practicing in groups.

Antakshari was organized in student's lounge where students were divided in two teams. This competition proved to be extremely competitive since none of the team appeared to loose at any stage. Game was played in very positive manner where main aim was to enjoy.

This event concluded Students' Week celebration in which almost all of the students participated, few being part of any team and rest by witnessing them.











FACULTY FURTHER STRENGHTENED



M. Owais Zameer Khan: Lecturer CS & IT}

MS in Networks & Specialize in Communication from Australia R.M.I.T University. Certified in Business Management Courses from Australia.

BS in Computer Engineering from Sir Syed University of Engineering & Technology.

Research Concentration and Subject Area

Networks & Communication.



Nazia Zubairi: Lecturer Management Sciences

M.Sc in Economics & Finance From Karachi University.

Bachelors of Commerce from Government Degree Science & Commerce Collage.

Working as a Research Assistant of Accounting and Law department of IBA.

Research Concentration and Subject Area

Public Finance and Fiscal Policy



Sanatullah: ManagerAdmin \ Lecturer Management Sciences

PGD from IBA, Karachi.

MBA (Marketing) from IBA, Karachi.

M.Sc from Karachi University.

B.Sc from Karachi, university.

Research Concentration and Subject Area

Marketing



Sana Arz Bhutto: Lecturer Management Sciences

MBA (Gold Medalist) from MAJU, Karachi.

B.B.A from MAJU, Karachi.

Research Concentration and Subject Area

Marketing Management & Business Communication

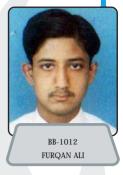
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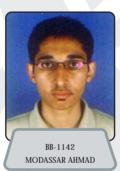






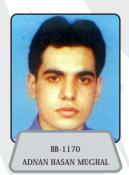






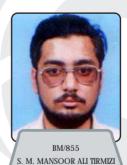


























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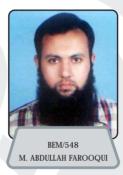




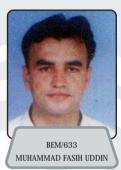


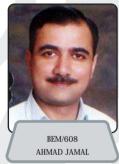














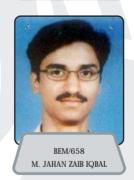


















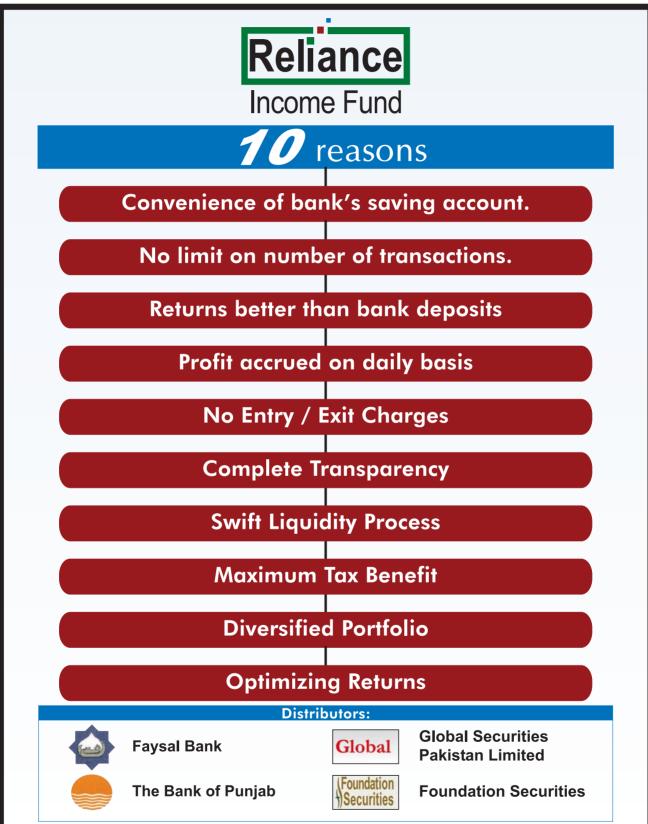












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