



NEWSLETTER

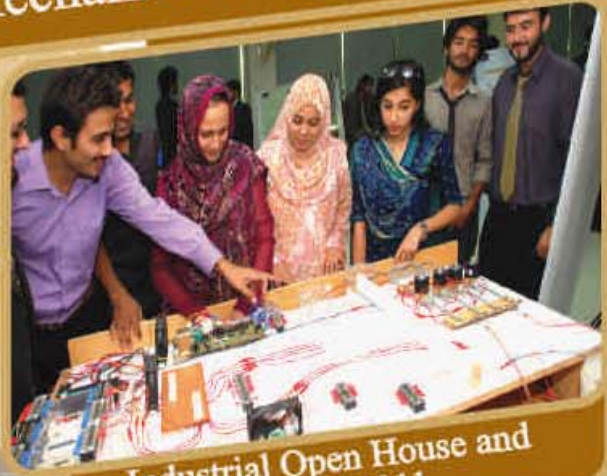
Mohammad Ali Jinnah University Islamabad Campus

ISSUE HIGHLIGHTS

- ❖ Second Workshop on Bioinformatics
- ❖ MAJU Partners in Publication of ISI IF Journal (JUCS)
- ❖ MAJU Shines at VisioSpark Software Competition
- ❖ Seminar on Turnaround Management
- ❖ First Jinnah Cup Inter-University Football Tournament
- ❖ Sheikh Rasheed Visits MAJU
- ❖ Mr. Arif Habib Talks on Entrepreneurial Opportunities



MAJU Launches Department of Mechanical Engineering



Industrial Open House and Job Fair 2011



Newsletter Team

Patron

Dr. M. Mansoor Ahmed

Editor

Dr. Nayyer Masood Dar

Members

Dr. Ansar Ali Rajput

Dr. Shoaib Ahmed

Mr. G. A. Naqi Syed

Mr. Wasim Ahmed

Co-Opted Members

Ms. Tehreem Zainab

Ms. Quratulain Siddiqui

Proof Reading

Ms. Shahida Rani

Ms. Farah Hashmi

Editor's Note

Life at MAJU has always been a galaxy of events. The nature of these events ranges from purely academic to totally excursion activities. The staff members, students and societies that are involved in conducting these events are appreciable for their efforts and time.

University is always encouraging and fully supportive for such kind of activities. We believe that a student with any caliber when enters into this university, it is our utmost responsibility to polish his/her capabilities and transform him into a better person. Our student should not only be a successful professional but a useful member of society. For this, we do not only focus on the academic side of his/her personality rather we give an equal importance to enlighten him with our moral, cultural, and religious values and principles. So, whether it is a seminar on some academic topic or a fun fair, they are being arranged with the objective that the students should learn something out of it. By the grace of Allah, the output of our efforts is positive as our graduates are performing well in their practical lives.

Covering such a large number of events in one document is a challenging task. I am thankful to my team members for their efforts to compile this issue of MAJU newsletter. In particular, I would like to name Ms. Tehreem Zainab who took the burden of editing on her

small but strong shoulder and Ms. Quratul Ain Siddiqui who played major role in the designing of this issue. Nothing is perfect in this world, so I apologize for any mistake or deficiency and thank Almighty Allah for giving us taufeeq to complete this task.

Dr. Nayyer Masood Dar

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Launch of Department of Mechanical Engineering

A broad spectrum BS Mechanical Engineering program is aimed to develop professional skills in the areas of Mechanical Design, Manufacturing and Production, Maintenance and Operations, Automotives, Power Generation, Thermo-Fluids and other branches of mechanical engineering.

The relocation to a new purpose built and spacious campus in October 2010 enabled M. A. Jinnah University to diversify its academic activities and programs.

After investing tremendous energy and effort, this rhetoric was realized in 2011 in the form of Mechanical Engineering Department. Being a large, broad and old engineering discipline, mechanical engineering programme was a well-suited benchmark of this diversification process and expansion of university's programs. This newly established department became fully functional with the launch of a 4-year BS degree in Mechanical Engineering.

With the collaboration of strong league of departments already operating in the university, mechanical engineering department also offers a Masters program in Engineering Management. As mechanical engineering is closely intertwined with the industry and business, this program is aimed to provide opportunities to create industrial linkages and act as a bridge for flow of the cross-disciplinary knowledge among all departments.

Mohammad Ali Jinnah University, Islamabad achieved yet another major milestone, in its long list of success, with the launch of Bachelors in Mechanical Engineering program in Fall 2011

The department aims to build an all-around personality of students through the mix of education, curricular and extra activities. It is also aimed to provide will, vision to excel and confidence to students

The main features of BS Mechanical Engineering program are:

- Initial accreditation by PEC
- Curriculum designed on HEC guidelines
- Foreign qualified PhD faculty
- Well equipped labs and workshop
- Regular Industrial Visits
- Students' counseling

The infrastructure of the department is pivotal to its vision of multi-disciplinary education and research. It comprises state of the art and well equipped teaching and research laboratories, lecture halls and faculty offices.

The key characteristics of the program are its breadth, flexibility and individuality which allows students to build knowledge across the discipline, while concentrating on a particular specialization areas.

Mechanical engineering has an abundance of richness when it comes

to choosing a career path. The career paths of mechanical engineers are largely determined by individual choices, a decided advantage in a constantly changing and challenging world.



First Batch of Mechanical Engineering Students



1st Industrial Open House and Job Fair 2011

The 1st Industrial Open House and Job fair of Mohammad Ali Jinnah University was conducted at MAJU Campus, Islamabad on 28th July 2011. The open house was attended by industrial and business entrepreneurs as well as employers from public and private sectors. The event was attended by members of academia and students from other universities. The event was organized to enrich the experience of students of MAJU and to introduce them to the industry representatives. Graduating students of CS and BI and EE departments displayed their projects, as well as posters prepared for the occasion. The idea was to provide the students an opportunity to share their work and experience with visitors from industry and academia. On this occasion, graduate profile books and ab-



Certificates, shields and cash prize were awarded to the best project award winners. The effort done by students was appreciated by the guests from industry and many on-spot interviews were also conducted. The guests represented a variety of communication and Information Technology companies, like Elixir Technologies, Oracle Corporation, National Instruments,

"Seamless mobile client for web services". Third prize was awarded to Kashif for *"Broiler Poultry Farm Information Management and Sales Decision System"*.

In department of BI Qurat-ul-Ain & Misbah got the first prize for project on *"Life Style Impact on Breast Cancer (LIBC)"*. Zeeshan and Aftab won the second prize for *"PredAA (Prediction of Allergens and Allergenecity)"*. Third prize was awarded to Mehwish for *"Biclustering of Gene Expression Data"*.

In department of Electronic Engineering, Tariq Nawaz, Farhat ullah Khan & Wasim Nisar got 1st prize for project *"Water Control System"*. Noman Haider, Hassan Feroze, & Mutee Ur Rehman got 2nd prize for *"Deployment of WiFi IEEE 802.11n and its use in Controlling Security Cameras"*. Third prize was awarded to Kamran Rasool & Usman Hameed for *"Design and Fabrication of Digital Power Meter"*.

In department of Management Science, 1st prize was awarded to Waqas Ahmed & Fazal Elahi for *"Human Resource Information System for SMEs"*. 2nd prize was awarded to Mohammad Amjad & Syed Hussain Naqi for *"IPTelevision Startup"*. 3rd prize was awarded to Saeed Ahmed for *"Open Source SCM Implementation in SMEs"*.

Telenor, Warid Telecom, DigiDent Solutions, Techlogix Pakistan Pvt Ltd, Huawei Technologies, Zero One Engineering, ABB (Pvt) Ltd, Ikonami Pakistan, Discrete logix, IBM, Pak Qatar Family Takaful, TEO -Talented Earth Organization (Pvt) Ltd, Alcatel-Lucent, Renzym, ZTE Pakistan, Mobilink GSM, HIT - (Heavy Industries Taxila), COMCEPT (pvt) ltd and many others. For the closing ceremony, chief guest was Dr. Mansoor Ahmed (EVP MAJU). Dr. Abdul Qadir (Dean FoC) thanked the judges, all participants from industry and academia for their time and valued judgment. He also appreciated the efforts of the students, staff and faculty for putting up a great show and wished them a happy and prosperous future. Lunch was served at the end of the closing ceremony.



stract booklets were also distributed among the visiting guests. In the exhibition Department of Computer Science, Bioinformatics and Electronics Engineering presented 8, 6 and 45 industry standard projects respectively. Department wise 1st, 2nd and 3rd positions of industry Project was announced by a jury of judges drawn from respective departments. From CS department Usman Khalid & Aneeq Hassan got the first prize for *"Intelli-Image the automatic attendance system"*. Second prize was won by Subktageen & Mehtab for



CISCO ACAD Visit

“More than 70% of internet traffic directly or indirectly passes through Cisco networking products.”

With the advancement in technology every field of IT has progressed a lot. Especially the Networking field, which has made a tremendous progress during the past few decades. Computer Science students

need to have sufficient knowledge about this dimension of computer science. To fulfill this academic requirement, University arranged an Informative tour to Cisco Networking Academy located at “PTCL Academy”, in Islamabad.



“Cisco Systems is a large corporation that produces computer networking products and services. The Linksys brand of consumer networking products is also an owned subsidiary of Cisco Systems. Cisco Systems is undoubtedly best known for their line of network routers. These products range from basic consumer routers under the Linksys brand to top-end routers that help form the backbone produces numerous other types of network equipment including VPN, storage, and video conferencing systems.”



After introduction, the Cisco Networking Academy tutors briefed the students about the aims and objectives of CISCO Networking Academy and about the programs being offered at the academy.

The Major Programs at CISCO Networking Academy includes IT Essentials, CCNA, CCNA security, WLAN, VOIP and CCNP”. After the lecturing and question answer session they took the students for a visit of the networking

and Wireless labs. The CISCO team demonstrated the networking and other devices in a very effective way. The whole tour was of immense importance for the students, as they gained a lot of knowledge about networking world. At the end of tour, students took some photographs with CISCO tutors and teachers.

Training Workshop for Program Evaluators/Experts



The Quality Assurance Agency (QAA) of Higher Education Commission organized a three days training workshop for Program Evaluators (PE's)/Experts. For this purpose, the services of a Foreign Resource Person have been acquired. Dr. Christopher Terasse-Associate Director Projects, European Foundation for

Management Development (EFMD) was the resource person for this workshop. Being an expert/program evaluator, Mr. Arif Vaseer also participated in this three days workshop. There were only 30 selected participants from different universities of Pakistan. Dr. Christopher highlighted various aspects of evaluation and presented different case-studies to elaborate the concept. At the end of workshop, Mr. Arif Vaseer was awarded with a certificate that certifies him as an evaluator for the National Business Education Accreditation Council,

Mr.Arif Habib's Lecture on Entrepreneurial Opportunities

Mr. Arif Habib, Chairman, Arif Habib Group delivered a lecture on Entrepreneurial Opportunities in Pakistan on June 09, 2011. The lecture was organized by the students of entrepreneurship and was supervised by Mr. Ishfaq

khan. Mr Habib shared with the students that Pakistan has great investment opportunities in the Textile, Agriculture. Power and Exploration and Production, cement, Real State and Financial Services. He also shared with the audience that the current economic crisis is due to some policies and initiatives of government of Pakistan. At the end of seminar Dr. Anwar Fazal Chishti, the Dean of Faculty of Management Sciences presented the shield to the honorable guest.



A Delegation from Islamic Republic of Iran Visits MAJU

A Delegation from Islamic Republic of Iran visited Mohammad Ali Jinnah University Islamabad on Thursday 18 August, 2011. The delegation consisted of four Iranian university students Mr. Baqir Sawaari, Mr. Yasir Sawaari, Mr. Mansoor Sawaari and Mr. Ali Sawaari. Along with them were three gentlemen from the Iranian Embassy, Mr. Abu Turaab, Mr. Khadim Hussain and Mr. Ali Dosti, the Deputy Cultural Conciliate of Iran in Pakistan, working here for developing relationship between the universities of Pakistan and Iran. The four Iranian University students had won Iran's National Qirrat competition As a result of that success their university had sponsored them to visit other countries for Husn-e-Qirrat and group recitation of Asma-e-Rabbi. It was a spirit refreshing experience for the audiences when Qarees recited the Holy Verses from the Holy Quran in a group of four. The students from Sweet Homes also participated in this Holy event. Exchange of souvenirs between Iranian delegation and Mohammad Ali Jinnah University, Islamabad, also took place. In the end an iftaar cum dinner was served to the respectable guests



SEMINAR ON "DENGUE FEVER"

A seminar titled "DENGUE FEVER" was held on 20th of October under the supervision of Dr. Sahar Fazal. The objective was to highlight the outbreak, causes, symptoms and cures of the Dengue fever. The guest speakers were Lt. General Dr. K. A. Karamat (MBBS, FRCP, FCPS, Surgeon General D.G.M.S. Pakistan, Executive Director N.I.H) and Dr. M. Salman (MBBS, FCPS, Microbiologist consultant pathologist NIH).

Dr. Salman was the first speaker. He discussed the general role of viruses as a disease causing agent and explained different features of viruses responsible for diseases in human beings and the way virus is involved in causing dengue fever. He also elaborated the reasons and causes of the break out of dengue fever in different areas of Pakistan comparing it with its previous history of outbreak in the subcontinent. He also educated the audience about the harmful effects of the virus implicated and spread by the female mosquito.

Dr. Karamat was the second speaker. He gave the statistics about dengue fever responsible for the deaths in the different regions of the world, especial-

ly in Pakistan. He then highlighted the symptoms of disease, habitat and dwelling places of the mosquito, and cure for dengue fever. He spoke on the current situation of dengue outbreak and its severity in Pakistan and how it is becoming an economical threat in the Punjab.



Seminar on Turnaround Management

Turnaround Management involves management review; activity based costing, root failure causes, analysis, and SWOT analysis to determine why the company is failing. Once analysis is completed, a long term strategic plan and restructuring plan are created. These plans may or may not involve a bankruptcy filing. Once approved, turnaround professionals begin to implement the plan, continually reviewing its progress and make changes to the plan as needed to ensure the company returns to solvency.

Seminar on Turnaround Management was held on 20th OCT, 2011. Mr. Tahir Chaudhry was the guest speaker, currently serving as CEO Falcon Engineering (IT Division), President and CEO Falcon Consulting & Training, President, Computer Society of Pakistan, President &

CEO, Pakistan Institute of Entrepreneurship and President, Pakistan Society of Security Professional. The Dean FoC, Dr. Abdul Qadir showed his presence at the start of event. Dr. Aamir Nadeem was also present in the audience. It was a very informative and interactive session and the speaker pulled out real life Pakistani environment specific examples and scenarios.

Students planned and coordinated the whole event by themselves while working in three equally divided teams (Alpha, Bravo & Charlie). Alpha team was responsible for the protocol of guest speaker, Bravo for the administrative issues and Charlie for R&D on the topic. Dr. Aamer Nadeem offered the shield and souvenir to the guest speaker.

Since the data analysis is one of the most important procedures of research, in order to achieve accurate and precise result, business research students need to be trained for the use software package designed for statistical purpose – from basic to advanced steps. There are numbers of statistical software package, but one of the most popular packages is the SPSS package. Therefore, in order to train the business students for transferring knowledge and experience in working with SPSS program; from preparing data, analyzing, until reporting the results a two day workshop was both arranged and conducted by Mr. Wasim Ahmed and Mr. Shujahat Haider Hashmi on 24th & 25th of November, 2011.

Workshop included the following features of the software:

- Coding the data
- Descriptive statistics: Cross tabulation, Frequencies, Descriptives, Explore, Descriptive Ratio Statistics
- Bivariate statistics: Means, t-test, ANOVA, Correlation
- Prediction for identifying groups: Factor analysis, cluster analysis

SPSS Workshop



Seminar on the Cyber Crimes and Information Security

With the collaboration of Pakistan Information Security Association (PISA) IEEE Computer Science Islamabad Chapter arranged a seminar at Mohammad Ali Jinnah University, Islamabad, on 12th September 2011. The speaker, Mr. Aamar Jafferi, the Chief Executive of Pakistan Information Security Association, while speaking on "Challenging to remain secure the information on Cyber Space" explained cyber crime dealing with computers

and networks. He said that it includes the crime through internet. They can be telemarketing, internet fraud, identity theft or credit card account thefts. He emphasized on security to stay a step ahead of hacking. One should be careful with valuable information and should change passwords regularly. To stop hackers from obtaining the control of industrial systems one should join clubs and societies and not only rely on books. According to him Glob-

al Coordinators and Computer Emergency Response Teams (CERT) should solve misconducts through internet.

Mr. Aamar advised the ordinance to secure their information in the social networks and urged that while installing software's, online or by CD's, one should read the provided instructions. At the end of seminar the speaker was presented souvenir.

MAJU Shines at VisioSpark Software Competition

VisioSpark 2011 Software Competition was held at CIIT Wah Campus on 22-23 October 2011 in which 24 universities participated. On behalf of Mohammad Ali Jinnah University, students from department of Computer Science and Bioinformatics participated in four categories of the events; Quiz, Gaming, Programming and Software Competition. Teams were accompanied by three of the faculty members, Mr. Faisal Shahzad, Ms. Tehreem Zainab, and Ms. Raabia Mumtaz. The event was jointly inaugurated by Dr. Nayyer Masood and Dr. Munir Ahmed. Dr. Aamer Nadeem of MAJU was one of the evaluators for Software competition. Adil-ul-Rehman, Amir Shehzad & Nauman Zaka participated in gaming competition and secured second position. In Programming, M.Umar Arshad, Moeed Ahmed & Zashan Khan participated. In the Quiz Competition, MAJU team comprising M. Nadeem, Zafar Iqbal, & Maria Niaz got Second position. Two projects "*Vehicle Movement Control System*" By Afshan Javed & Saba Wakil and "*Life Style Impact On Breast Cancer*" by Quratulain Siddiqui and Misbah Rafique were presented in software competition of which "*Life Style Impact on Breast Cancer*" got second position. The event ended by the certificates and shields distribution ceremony.



Sheikh Rasheed Visits MAJU



A lively talk of Mr. Sheikh Rasheed was organized by JSpark at Mohammad Ali Jinnah University on 11th July 2011. The topic of his talk was "War on Terror". The event started with the recitation of Holy Quran. Subsequently, Dr. Muhammad Tanvir Afzal said few words about the guest and formally invited him to deliver the talk. The honorable speaker highlighted different aspects of the topic and enlightened the audience. Being a part of the successive governments, he had deep insight into the issue. The crux of his speech was that the cause of terrorism is the mishandling and dishonesty of our leaders who have been making the policies focusing only on their personal interests. He was of the opinion that the masses have to identify the honest leaders and bring them in front if we really want to get out of this mess. Best part of this event was the free style of the guest during discussion. The talk was followed by refreshments and souvenir presentation ceremony.

Singing & Mhendi Fun Gala



Jinnah Girls Forum organized a "Singing and Mhendi fun gala". In which there were singing and mehndi competitions. There were also stalls of nail art and mehndi. Girls from EE, CS and BI departments participated and enjoyed this function. It was a really fabulous and cheerful activity for girls. They sang and danced with full liberty.

Organizers of this event were Amina Saddiqua, Seema Begum, Irum Mehmood, Naureen under the supervision of Mrs. Dur-e-Shehwar Sagheer.

Following the tradition of consolidating the society, Gleam under the supervision of Assistant professor, Mrs. Qurat-ul-ain Jalil, and with the support of numerous students, organized "Christmas" on 22nd Dec 2011. They decorated University backyard with red balloons, shining ribbons etc. Two large-sized cakes were cut and gifts were distributed amongst the Christian students, peons and sanitary workers. A small cake was brought for the special prayer which was performed by a senior member of the Christian community of MAJU, and that cake was distributed particularly amongst the Christians. The "occasion" was a sufficient evidence of the Muslims' broadmindedness and the due respect that they give to the minorities.



SOCIAL SERVICE
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Welcome Party Fall 2011

A welcome party was arranged for new students registered in Fall 2011. All student societies (Genix, JSpark, Crescendo, SHRM, NEXUS, Gleam and JES) actively participated in the event to make it a memorable day for the new comers. The event started with the recitation of the Holy Quran followed by a welcome speech by Dean Faculty of Computing, Dr. M. Abdul Qadir. The Crescendo group that was participating under the supervision of Ms. Ameena Zafar presented National songs, Cultural dances, Modeling and Modern dances. All the participants performed very well.

Professors from all departments attended the function. Memorable performance by children of Sweet Home captivated the audience attention. A standing ovation was given to the children as an appreciation of their contribution. The EVP, Prof. Dr. M. Mansoor Ahmed also graced the occasion. At the end of ceremony, group photos of students from each department were taken along with their respective teachers.



Research Methodology Workshop

A one-day workshop on "Research Methodology" was held on 9th April, 2011 at MAJU, Islamabad. The workshop was organized by JSpark. The speaker in the workshop was Dr. Sohail Asghar. There were 40 students who registered for the workshop. The focus of the first part of the workshop was on the basics of the research and literature review. In the second half, the speaker educated the students about performing literature review, finding limitations and research gaps in the literature. There were a couple of exercises and some useful discussions as well. In the third part of the workshop the speaker discussed how to do referencing and which style of references should be adopted. The speaker also discussed some cases of plagiarism. The purpose of this was

to make the students aware of the adverse effects of plagiarism. The workshop was held in a very conducive environment where the students fully participated in discussions and asked different questions.

At the end of the workshop, Dr. Tanvir Afzal, who is the coordinator of JSpark, presented a souvenir to Dr. Sohail Asghar and thanked him for giving such an informative presentation.



The students who perform exceptionally well in an institution are included in Dean's and Chancellor's Lists. Mohammad Ali Jinnah University following the same tradition awarded certificates to its excellent and outstanding students who achieved high grades during academic term of Spring 2011.

Chancellor/Dean Honor Roll function was held on Oct 26, 2011. All high achievers belonging to the Departments of Bioinformatics and Computer Science attended the ceremony. The Dean, Dr. Muhammad Abdul Qadir congratulated the students on their excellent academic achievements. He expressed his appreciation for the efforts and contribution of the university in the area of Computer Science and Bio-Informatics.



Rashid to Bioinformatics students.

Chancellor/Dean certificate award ceremony of the Department of Electronic Engineering for Spring 2011 was held on November, 22, 2011.

Dean Faculty of Engineering, Head and faculty members of Department of Electronic Engineering attended the ceremony.

CHANCELLOR/DEAN HONOR ROLL SPRING 2011

Dr. Nayyer Masood awarded certificates to Computer Science students and Dr. Hamid

Thirty Two (32) students of BS and MS (EE) were awarded Dean Honor Roll Certificates where as 6 students of BS/MS/PhD EE students were awarded Chancellor Honor Roll Certificates.

Dean, Faculty of Engineering, Prof. Dr. Amir Qayyum and Head of Department Electronic Engineering, Prof. Dr. Imtiaz Ahmed Taj distributed the certificates among students.



Blood Donation Camp Arranged in Collaboration With Red Crescent Society



Two-Day Allied School Workshop

A Two-Day Workshop for Pre-School, Primary and Elementary teachers of Allied School was organized at MAJU Islamabad in collaboration with Oxford University Press on 28th and 29th Oct 2011. Allied Schools System is a Project of Punjab Group of Colleges. The subjects covered in the workshop were English, Urdu, Social Studies, Computer Science, Mathematics and General Science. The trainers were from PGC Head Office.

Dr. M. Mansoor Ahmed, Executive Vice President MAJU Islamabad while distributing certificates among participants appreciated the efforts made by Allied School management for conducting training workshop.



TV Commercial Competition

Crescendo Hunerkada & Daneshkada organized a TV Commercials Competition at MAJU in the Fall semester 2011 under the supervision of Mrs. Ameena Zafar. A senior professor of the Management Science department, Mr. Arif Vaseer, was the judge at this occasion. Various aspects including the finer points of a concept, script, visualization and editing were evaluated. At the end of the competition, three cash prizes were awarded to the top three ads. Masterminds group members Rabia Zulfiqar, Rabia Sharfi, Ayesha, Faisal, Imran and Junaid Iqbal got the 1st Prize. Strikers group members Taimur, Amber, Saira, Shahzaib, Sarah and Zeeshan got the 2nd Prize. The 3rd Prize was awarded to Xtremers group members namely, Ehtisham Qureshi, Waqar Ahmad, Atif Qureshi and Raja Husnain Tahir. In the end the students were briefed on special features of editing software like Ulead and Sony Vegas.



Online Session on Windows Phone 7

An Online session on windows 7 was held on 5th April, 2011 in which students took keen interest. The speaker of the session had a sound grip on the topic. He explained the topic in depth. The seminar was also attended by Students online from other universities. At the end, students asked questions relevant to the topic to which the speaker answered in a very positive way. Over all it was a very helpful and informative session for all the participants. Students also suggested that such session should be held more often in future. Students appreciated the efforts done by Microsoft and thanked the speaker for delivering such a nice presentation where as of the students also showed their interest in doing some sort of project in this technology.

Hiking Trip To Pir Sohawa

Jinnah Sports Society reshapes its Activities and Programs in Mohammad Ali Jinnah University. The new objectives of this society set by Mr. Arif Khattak (Sports Coordinator) are to organize different sports activities in the university and to involve the students and faculty members in those activities.

To achieve the objectives, the members of the society thought that Hiking Trip should be a part of the society's activities. So for that purpose society planned to arrange a Hiking trip to Pir Sohawa through Track 3 on the 26th November 2011. Lots of students registered themselves to participate in the hiking trip and besides this some faculty members (Dr. Amir Qayyum, Mr. Waseem Ahmed and Mr. Asif Kiani) also participated.

It was relatively a hot day but students had great fun during the whole trip along with the faculty members who motivated the students throughout the trip. The students reached at Pir Sohawa in good time and the lunch was arranged for the students.



Trip to Khewra Salt Mine & Kataraj Temples

A one-day trip to Khewra Salt Mine was arranged by members of the CSD (Center for Software Dependability) research group. Khewra Salt Mine is located in Jhelum District, and is the second largest salt mine in the world. On the way back from Khewra, the group visited Kataraj Temples in Chakwal. Most of the temples here were built during the reign of Hindu kings some 900 years ago or more. The earliest of the Kataraj temples dates back to the 6th century A.D. It was a very informative and educational trip for the group.



Visit to ICI Soda Ash Plant

Students of MBA 2 section 3 arranged an educational tour under the supervision of Mr. Ishfaq Khan to visit Khewra ICI Soda Ash Plant. At the ICI plant, students were welcomed by Mr. Ali Ahmad, who is Head Engineer there. Mr. Ali arranged the visit of the plant for the students and showed them different sections of the plant. Students were explained the process of separating sodium carbonate and sodium bicarbonate from locally found raw materials of Salt and Limestone. The plant uses two main sources of power, that are steam engines and natural gas. Overall, it was a very informative trip.



Faculty Trip to Donga Gali

The faculty members of the departments of CS, BI and EE along with their families enjoyed a one-day trip to Donga Gali which was sponsored by the university and arranged by Mr. Faisal Shahzad. The journey was a bit long and tiring but the pleasant environment of the busses due to lively gup shup kept all the members fresh. Lunch was arranged at Amore Hotel, Murree. After the lunch, many of the members went on the track from Donga Gali to Ayubia while some faculty members enjoyed playing carom board. On way back from Ayubia the monkeys on either sides of the road captured accompanying kids' attention. The Day came to an end with lots of pleasant memories for all to share and with a hope that such refreshing trips should be arranged in future.



"Aaloo Anday" by Dr. Ashraf Iqbal



Dr. Ashraf Iqbal, is a renowned Pakistani Professor who has been serving in top level educational institutions like LUMS. Now a days, he is serving at UCP, Lahore. On 22nd December 2011, Dr. Ashraf visited MAJU and delivered an interesting but enlightening seminar with the title "Aaloo Anday". The title was referring to a famous Pakistani song that does not have any intellectual grounds but is quite popular among Pakistani youth. The thesis of Dr. Ashraf is that if such a strange song can get popularity then why cant our academic stuff get liked by our students. In his seminar, Dr. Ashraf demonstrated that learning can be as simple as Aalu Anday (potatoes and eggs) if right teaching method is used by the instructor. During his lecture, he developed a complex algorithm of graph theory by involving students in an interesting interactive session. Audience were impressed and convinced by the approach of Dr. Ashraf Iqbal.

Visit to Islamabad Chamber of Commerce

BBA (Honors) students visited Islamabad Chamber of Commerce & Industries (ICCI) on May 26, 2011. Mr Majid Shabir, Secretary General, presented the activities and functions of ICCI.



Discussion on Industry-Academia Relationship

Mr. Izzaar, Director Students Affairs, Institute of Space and Technology Islamabad, Mr. Azhar Nubir and Dr. Mujtaba Hassan Agha visited Mohammad Ali Jinnah University Islamabad, on Tuesday 27th September 2011, and discussed different opportunities of mutual interests, including student projects. Mr. Azhar Shared with the delegates that they have funds available for projects based on the industry requirements. Some other avenues were faculty exchange program as AWC has a huge profile of PhDs with work experience.

A time Need of Career Counseling at MAJU

A seminar on "The Concept of Center of Excellence" was held at MAJU on 6th April 2011. Guest speaker Dr. Amir Murad, Executive Vice President-HR in PTCL introduced and elaborated this concept to the engineering and business students.

MAJU students representation at PTV National Awards Ceremony

On 23rd July 2011, the students of MAJU Islamabad performed the duty of ushers to welcome the guests of 16 PTV Academy Awards at Jinnah Convention Centre Islamabad. The Prime Minister of Pakistan, Yousaf Raza Gillani, ministers and ambassadors of many countries also attended this colorful ceremony. It was a wonderful experience for the students of MAJU.

MAJU students participation in Polio Workshop

The Students of Mohammad Ali Jinnah University Islamabad attended a Polio workshop organized by Rotary Club Rawalpindi on 18th April, 2011, at PC Hotel Rawalpindi. Rotary Club is the world's first service club organization with over 1.2 million members worldwide. Rotary is focusing on eradication of polio.

Gleam celebrates "The Vision of Iqbal"



Glimmers celebrated the philosophy, vision and poetry of Iqbal, under the supervision of Mrs. Qurat-ul-ain Jilil. Students from different de-

partments e.g. BI, EE & ME participated enthusiastically. Nazams, Gazals and speeches were the main features of the occasion. Ecstasy prevailed throughout the duration of celebration. Dr. Masood was invited as a judge. The main objective of this celebration was to enhance and promote Iqbalic views amongst the youth of the nation.

Creativity and Innovation in MAJU

On October 10th 2011, Mr. Salman Shehzad, British Council's Regional Skills and Business Development Manager for South Asia and Mr. Atle Hetland, Social Scientist-International Consultant Norway, visited Dr. Ansir Ali Rajput, Associate Dean Corporate Linkages, Mohammad Ali Jinnah University Islamabad. The delegate delivered a speech to the students of BBA mentioning ingredients of creativity and innovation. They shared the ideas like defining general terms like "innovation and creativity in new ways" for example they mentioned that innovation does not always mean building something new which has a break through, but it is also to put together a team which can build a business empire.

Sports Highlights



MAJU Wins Faculty Cricket Match
against CIIT, Wah



Glimpses of 1st Jinnah Cup Inter-University
Football and Hockey Tournaments



Girls Cricket Tournament Certificate
Distribution Ceremony



MAJU Sports Teams



Basketball Team



Cricket Team: T20 Champions



Football Team



Hockey Team



Jinnah Hockey Cup Winner Team



Rugby Team



Volleyball Team

Second Workshop On Bioinformatics 2011

The Department of Bioinformatics, Mohammad Ali Jinnah University, Islamabad organized 2nd workshop on Bioinformatics on 25th July, 2011. About 75 participants from different Universities, Research organizations, Medical colleges etc participated in the workshop. The Workshop was inaugurated by the Vice Chancellor Quaid-i-Azam University, Prof. Dr. Masoom Yasinzai. The chief guest highly appreciated the organizers of the workshop, specially Dr. Hamid Rashid, the organizing team for organizing such a successful workshop. Prof. Dr. Muhammad Abdul Qadir, Dean FEAS presented vote of thanks to the participants. The workshop included lecture sessions followed by the lab session in which the participants were introduced with the combination of some basic and advance techniques of Bioinformatics. There was a very interesting display of poster session in the middle in which the students displayed their course projects. The participants showed keen interest in these projects. At the end of the session, certificates were distributed among the participants by the HoD Computer Sciences and Bioinformatics, Dr. Nayyer Massod Dar. In the closing ceremony, some of the participants shared their views about the workshop praising the hospitality of the organizers and also asking for extending the workshop for 2-3 days the next time.



IEEE MAJU STUDENT BRANCH ACTIVITIES FALL 2011

IEEE MAJU student branch is a vibrant student society in Mohammad Ali Jinnah University. The society provides platform for curricular and co-curricular activities for students. IEEE MAJU student branch comprises of an academic counselor (Dr. Muhammad Arif Khan from EE Department) and is mainly run by the student executive committee. The elected student members of IEEE MAJU student branch are Hammad Shafqat (Branch Chair), Faizan Haider Hashmi (Vice Chair), and Owais Sagheer (Branch Secretary). The main purpose of IEEE student branch is to encourage students to participate more actively in engineering activities along with their studies. In this regard, the branch organizes different academic seminars, workshops,

industrial visits, student competitions, and social get together. During Fall 2011 semester, IEEE MAJU student branch has organized a number of seminars and visits. The detail of these events is as under:

The **1st Jinnah Robotic Competition** was held on 27th December 2011. This event was organized by Mr. Omar Anwar, Dr. Amir Iqbal Bhatti, Dr. M. Arif Khan and Mr. Hammad Shafqat. A challenging track path and a task for the robots was designed and was notified to the participating teams. There were five teams (each team comprising of three students) participating in the competition. Each team was given three chances to complete the task with their designed robot. The winner team was awarded cash prize along with certificate by Executive Vice President (Dr. M. Mansoor Ahmed).

In order to show students how engineering principles are applied in industry, IEEE MAJU student branch organized an **Industrial Visit to Power Generation and Testing Laboratory** in Rawat on 30th December 2011. This was a whole day visit with 50 students

who showed keen interest in knowing the power generation, transmission and testing processes. They particularly indulged in the debate of new power generation possibilities due to the current energy crises in the country.

For engineering students, complex variables and their mathematics is a fundamental tool to use in many engineering subjects. It was proposed that engineering students should be given some extra expert level tutorials on **Complex Variables & Their Applications in the Field of Engineering**. For this purpose, IEEE MAJU student branch requested Dr. Muhammad Sagheer to conduct a **Series of Workshops** on the topic. It was **nine hours extensive workshop** with every week one and half hour workshop. The speaker covered the topic in great detail starting from the brief history, the complex variable functions, use of complex variable functions in engineering, and the applications of complex variables in engineering. More than 70 students from junior batches and senior classes attended this workshop series and appreciated this event very much.



HEC Best Paper Award

HEC invites nominations for the Best Research paper award annually, **Prof Aamer Iqbal Bhatti** from Department of Electronic Engineering; Mohammad Ali Jinnah University shared the best research paper award with his PhD students Mr. Qarab Raza. The title of the paper is "Estimation of Gasoline-Engine Parameters using Higher Order Sliding Mode" The paper got published in IEEE Transactions on Industrial Electronics.



Prof. Dr. Aamer Iqbal Bhatti

Research Productivity Award



Prof. Dr. Hamid Rashid

The ministry of Science and Technology has announced List of Approved Scientists / Engineers for "Research Productivity Award" 2010-11. It is a matter of pride for MAJU to have names of **Dr. Muhammad Ramzan** (Associate Professor, Mathematics) and **Prof. Dr. Hamid Rashid (Bioinformatics)** in the list of recipients of this award. Dr. Muhammad Ramzan is one of the twenty selected Mathematicians all over Pakistan. Prof. Dr. Hamid Rashid has been awarded in recognition of his tremendous research achievements and research publications in the last five years. The Department of Bioinformatics published more than fifteen papers in ISI IF research journals.



Dr. Mohammad Ramzan

Academic and Research Activities of Dr. Shaukat I. Malik



Dr. Shaukat I. Malik

Dr. Shaukat Iqbal, Associate Professor Department of Bioinformatics, had been very active and productive last year. He published three papers in ISI indexed journals. In addition to that he presented won two travel grants from HEC to present papers in Las Vegas, USA and Bali, Indonesia. He also got one sponsorship from Chinese Government to present a paper in Beijing. Through another travel grant from a local agency he visited Amsterdam, Holland to present his work. In addition to that he participated in different conferences as resource person organized by different organizations, like Shaukat Khanum Memorial Hospital, COMSTEC, and Punjab University.

Twenty Two Novel Protein Tertiary Structures Submitted To Protein Model Database

Mr. Mohammad Haroon Khan, lecturer Department of Bioinformatics (supervisor) and Prof. Dr. Hamid Rashid (co-supervisor) successfully supervised twenty two semester projects related to protein tertiary structure prediction, mutation analysis, docking, interactomics etc. through Bioinformatics/computational techniques. The projects were based on different human genetic disorders and syndromes. The uniqueness of the projects was twofold; firstly, all these structures were not previously predicted by any technique either by wet or dry lab, secondly, these projects were carried by the undergraduate students. As a result of these projects, all the predicted tertiary structures were proudly submitted to the "Protein Model Database" (<http://mi.caspuir.it/PMDB>).



Mr. M. Haroon Khan

MoU Between PMI Islamabad and MAJU

On Monday July 11, 2011, a Memorandum of Understanding (MOU) between PMI Islamabad and Mohammad Ali Jinnah University Islamabad was signed. The purpose of this memorandum was to exchange academic information and materials, promoting other academic cooperation, exchange of faculty, researchers and other administrative staff. Mr. Mujahid Naseer, Mr. Asad Naveed and Mr. Ahsan Mumtaz were representatives of PMI. While Dr. Anwar Fazil Chishti, Dean FMSS and Dr. Ansir Ali Rajput were the signing authorities on behalf of Mohammad Ali Jinnah University Islamabad.

YET ANOTHER MILESTONE ACHIEVED: MAJU TEAMS UP WITH THE ISI IMPACT FACTOR JOURNAL PUBLICATION TEAM

Mohammad Ali Jinnah University has signed an MOU with a leading ISI indexed, impact factor journal such as: Journal of Universal Computer Science (JUCS) <http://www.jucs.org>. The MoU was signed by Prof. Dr. Hermann Maurer and Dr. Muhammad Tanvir Afzal. Hermann Maurer is a Professor at Graz University of Technology, Austria and Chairman of Computer Section for *The Academy of Europe* (a prestigious organization having 47 noble laureates as members). Dr. M. Tanvir Afzal earned his PhD from Graz University of Technology, Austria. Currently, he is serving as an Assistant Professor at MAJU, Islamabad and is associated with an active research group at MAJU such as: Centre for Distributed and Semantic Computing. The research group guides students to pursue their research in different domains of Computer Science such as: Semantic Web, Social Web, Algorithms, Linked Open Data, Sentiment Analysis, Expertise Finding, eLearning, Digital Libraries, Information Visualization, Bioinformatics and related domains.

According to MoU, Mohammad Ali Jinnah University has been added to the consortium of internationally well reputed organizations that are responsible to run and maintain the journal as can be found at JUCS home page <http://www.jucs.org>. The JUCS is a distinguished true open access journal, having 85,000 readers and 700,000 PDF downloads in a year. The JUCS has good impact factor, publishing high quality research papers in all areas of



Computer Science on monthly basis since 1994 without interruption. Along with the international visibility and prestige, MAJU will get number of benefits such as:

- 1) The JUCS datasets will be available for MAJU a right to edit one special issue free of cost per year
- 3) MAJU can appoint new technical editors of JUCS

from the leading scientists and faculty members of Pakistan

- 4) MAJU has a possibility to organize conferences from JUCS platform where the selected papers may be recommended for fast review, and

- 5) MAJU will get one printed copy of JUCS papers free of cost every year.

Dr. Muhammad Tanvir Afzal has been appointed as one of the editor-in-chief by the journal http://www.jucs.org/jucs_board_of_editors. Dr. M. Tanvir Afzal, who is also the Project Director for the development of innovative features for JUCS since 2007 is responsible to continue his support for development and maintenance of further features and the JUCS submission system.

HEC Travel Grants (2011)

S. No.	Name of Scholar	Department	Conference/Workshop	Country
1.	Mr. Imran A. Shahzad, Ph.D Scholar	Management Science	4 th International Colloquium on Business & Management	Thailand
2	Mr. Tariq Iqbal Khan, PhD Scholar	Management Science	4 th International Colloquium on Business & Management	Thailand
3	Mr. M. Zamurad Shah, PhD Scholar	Electronic Engineering	International Conference on Communications Computing & Control Applications	Tunisia
4	Mr. M. Arif Khattak, Faculty Member	Management Science	Intellect Base International Academic Conference	Thailand
5	Dr. Shoukat I. Malik, Faculty Member	Bioinformatics	International Conference on Data Engineering & International Technology	Indonesia
6	Mr. M. Ishfaq Khan, Faculty Member	Management Science	International Conference on Computer Communication & Management	Australia
7	Mr. M. Ishfaq Khan, Faculty Member	Management Science	Global Business & Social Sciences Research Conference	China
8	Ms. Sheneela Naz, PhD Scholar	Computer Science	The 3rd International Conference on Networked Digital Technologies	China
9	Mr. Qudrat Khan, PhD Scholar	Electronic Engineering	Control & Signal processing lab	Italy
10	Mr. S. M. M. Raza Naqvi, Faculty Member	Management Science	27 th EGOS Colloquium	Sweden
11	Dr. Hamid Rashid, Faculty Member	Bioinformatics	International Symposium on Natural Products & their Applications in Health & Agriculture	Sri Lanka
12	Mr. M. Husnain, PhD Scholar	Management Science	The 11th International Academy Of Management & Business Conference	USA
13	Mr. Shukat Ali Khan, PhD Scholar	Computer Science	Advanced S.E and its Application	South Korea
14	Mr. Arif Vaseer, Faculty Member	Management Science	The 16th IBIMA Conference	Malaysia
15	Dr. Nayyer Masood, Faculty Member	Computer Science	5th IEEE International SKIMA Conference	Italy
16	Dr. Shoukat I. Malik, Faculty Member	Bioinformatics	The 2011 International Conference on BI & Computational Biology	USA
17	Mr. Adnan Riaz, PhD Scholar	Management Science	The 10th International Academy of Management & Business	Turkey

Publications

- ◇ A. F. Rafique, H LinShu, A. Kamran, Q. Zeeshan, "Hyper Heuristic Approach for Design and Optimization of Satellite Launch Vehicle". Chinese Journal of Aeronautics, Vol. 24, No. 2, pp 150 – 163, April, 2011. DOI: 10.1016/S1000-9361(11)60019-8
- ◇ U. Rafique, G. I. Kiani, M. M. Ahmed, S. Habib, "Frequency Selective Surface Absorber for WLAN Security," Proceedings of the 5th European Conference on Antennas and Propagation (EuCAP), pp. 872-875, 2011.
- ◇ U. Rafique, M. M. Ahmed, M. A. Haq, M. T. Rana, "Transmission of RF Signals through Energy Efficient Window Using FSS," Proceedings of the 7th IEEE International Conference on Emerging Technologies (ICET), pp. 1-4, 2011.
- ◇ S.I. Malik, S. Khan, "Cancer Prevention Through Employ of Appropriate Diet in Daily Schedule", Journal of Cancer Science & Therapy, 2011
- ◇ S.I. Malik, S. Sameen, Z. Khalid, "A High Throughput Computational Analysis of Claudine Gene Family in Human Ovarian Cancer", International Journal of Academic Research (IJAZ), 2011
- ◇ M. Yousaf, A. Qayyum, S. A. Malik, "An Architecture for Exploiting Multihoming in Mobile Devices for Vertical Handovers & Bandwidth Aggregation", Springer Wireless Personal Communications Journal, ISSN 0929-6212, DOI 10.1007/s11277-011-0326-3, May 08, 2011.
- ◇ S. Naz, S. Asghar, S. Fong, A. Qayyum, "Multi-way Association Clustering Analysis on Adaptive Real-Time Multicast Data", The Third International Conference on Networked Digital Technologies (NDT 2011), Springer CCIS 136, 11-13 July 2011, Macau, China, pp.383-394
- ◇ Y. Bukhari, S. Fazal, H. Rashid, "Bioinformatics techniques for designing antiviral agents against influenza". International Research Journal of Biochemistry and Bioinformatics. Vol. 1(7) pp. 168-177.
- ◇ A. Noor, H. Rashid., M. H .Khan, Z. Chaudhry, "Studies on the effect of genotype and explant type on callogenesis and organogenesis in indica rice". Pakistan Journal of Botany, 43 (5):2445-2449, 2011
- ◇ H. Khan, H. N, H. Rashid, S. Kulsoom, "Homology modeling of γ -aminobutyrate-aminotransferase, a pyridoxal phosphate-dependent enzyme of Homo sapiens: Molecular modeling approach to rational drug design against epilepsy". African Journal of Biotechnology. 10 (31) : 5916-422, 2011
- ◇ S. Zahra, H. Rashid, "Bioinformatic analysis of RP1 gene causing visual disparity in Humans. African Journal of Biotechnology". 10(2):244-252, 2011
- ◇ A. Khattak, A. Kiyani, F. Bashir, S.F. Urooj, M. Haroon, "Students Attitude Towards Study at College Level: A Case Study of Pakistani Education System", Review of Higher Education and Self-Learning – RHESL, Volume 4, Issue 9, 2011
- ◇ A. Khattak, A. Khan, S. Bano, A. Kiyani, and S. F. Urooj, 2011 "What Contributes to an Accessible Career: Perceived Effects of Attitudes and Norms?", Journal of International Business Management & Research – JIBMR, Volume 2, Issue 4.
- ◇ N. A. Khan, I. A. Taj and M. N. Jaffri, "Cross-term Elimination in Wigner Distribution based on 2D Signal Processing Techniques", Signal Processing (Elsevier), to appear in Vol. 91, Issue 3, pp. 590-599, March 2011.

- ◇ U. I. Bajwa, I. A. Taj and Z. E. Bhatti, "A Comprehensive Comparative Analysis of Performance of Laplacianfaces and Eigenfaces for Face Recognition", *The Imaging Science Journal*, Vol. 59, No.1, pp. 32-40, Feb. 2011.
- ◇ S. J. Nawaz, N. M. Khan, M. N. Patwary, and M. Moniri, "Effect of Directional Antenna on The Doppler Spectrum in 3-D Mobile Radio Propagation Environment", *IEEE Transactions on Vehicular Technology (IEEE TVT)*, Vol. 60, no. 7, September 2011, pp. 2895 - 2903. (ISI-Indexed, IF: 1.308)
- ◇ S. Razzaq, and N. M. Khan, "Performance Comparison of Adaptive Beamforming Algorithms for Smart Antenna Systems," *World Applied Sciences Journal (WASJ)*, Vol. 11, no. 7, 2010, pp. 775-785 (ISI-Indexed)
- ◇ M. M. Y. Masood, G. A, N. M. Khan, "Modified On Demand Transmission Power Control Strategy for Wireless Sensor Networks", in *Proc. 4th International Conference on Information and Communication Technologies (IEEE ICICT)*, 23-24 July 2011, pp. 1-4.
- ◇ A. Zafar, "English Language Curriculum Design for the Underprivileged University Students: An Evaluation of the Objectives and the End Results". *International Journal of Learning*, Volume 17. 2010
- ◇ A. Zafar, "Customized English Language Teaching For Business Students: The Pakistani Perspective Part II". *International Journal of Learning*, Volume 15, Issue 7, pp.99-108. 2008.
- ◇ K. Latif, A. Nadeem, "A UML Profile for Real Time Industrial Control Systems, *International Conference on Advanced Software Engineering and its Applications*" (ASEA 2011), Dec. 8-10, 2011, Jeju Island, Korea, *Communications in Computer and Information Science*, Vol. 257, Springer-Verlag.
- ◇ A.A.A. Jilani, M. Usman, A. Nadeem, Z.I. Malik, Z. Halim, "Comparative Study on DFD to UML Diagrams Transformations", *World of Computer Science and Information Technology Journal*, Feb. 2011.
- ◇ S. Iqbal, A. I. Bhatti, " Load Varying Polytopic Based Robust Controller Design in LMI Framework for a 2DOF Stabilized Platform", published in *Arabian Journal for Science and Engineering (AJSE)*, Vol. 36 (2), March 2011, ISSN 1319-802.
- ◇ Q. Khan, A. I. Bhatti, M. Iqbal, Q. Ahmed, "Dynamic Integral Sliding Mode Control for SISO Uncertain Nonlinear Systems", accepted for publication in *International Journal of Innovative Computing, Information and Control*, Japan, 2011.
- ◇ I. H. Kazmi, A. I. Bhatti, "Parameter Estimation of Proton Exchange Membrane Fuel Cell System using Sliding Mode Observer", accepted for publication in *International Journal of Innovative Computing Information and Control*, 2011.
- ◇ A.A. Rajput, S. Salem, A.A. Kiyani, A. Ahmed, "Impact of Macro Factors Entrepreneur, Innovation and Opportunity on Entrepreneurial Success of SME: a Case Study of Pakistani SMEs", *African Journal of Business Management* Vol.5 (19), 2011
- ◇ A.A. Rajput, K. Shehzad, "The Impact of Innovation and Resources in the Entrepreneurial Factors: Case Study of Pakistani SMEs", *IRC, UK*, Vol.2(11), 2011
- ◇ N. Masood, G. Jabeen, "Tuned Schema Merging (TuSMe)", 5th International IEEE SKIMA Conference, Italy, 2011
- ◇ A. Vaseer, "The impact of Internal Marketing on Faculty Job Satisfaction: An Empirical Study of Public and Private Universities in Pakistan", the *International Business Information Management Conference (16th IBIMA)*, 29-30 June 2011, Kuala Lumpur,
- ◇ I. Sajid, M.M. Mansoor, M. Sagheer, "FPGA based Householder Algorithm Implementation for Evaluation of Eigenvalues", *International Journal of Innovative Computing Information and Control*, vol. 7, No. 9, 2011
- ◇ Kh.S. Karmov, M.M. Ahmed, S.A. Moiz, Z.M. Karieva, M. Saleem, A. Mateen, "Humidity Sensing Properties of Carbon Nano-Tube Thin Film", *Sensor Letter*, vol. 9, No. 5, 2011

(The list includes only a part of the total publications due to shortage of space)

Awarded in 2011

Dr. Qadeer Ahmed, Thesis Title: Fault Diagnostics of Automotive Air Intake System, Supervisor: Dr. Aamer Iqbal Bhatti.

Dr. Nabeel Ali Khan, Thesis Title: Cross-term Suppression in Wigner Distribution, Supervisor: Dr. Imtiaz Ahmed Taj,

Dr. Imtiaz Ahmed Sajid, Thesis Title: Time Efficient Face Recognition for Real-time Application, Supervisor :Dr. M. Mansoor Ahmed.

Dr. Ansir Ali Rajput, Thesis Title: Developing Entrepreneurial Model for Pakistani SMEs, A Case Study on Commercial Fast Food SMEs, Supervisor: Dr. M. Ramzan Akhtar.

Dr. Sajid Bashir, Thesis Title: Organizational Cynicism Development and Testing of an Integrated Model, A Study of Public Sector Employees in Pakistan, Supervisor: Dr. Zafar Moeen Nasir

Dr. Khurram Shahzad, Thesis Title: Development of a Model of Organizational Citizenship Behavior (OCB) A Comparative Study of University Teachers from a Developing and a Developed Country. Supervisor: Dr. Kashif Ur Rehman

Dr. Syed Zubair Ahmad, Thesis Title: QoS Optimization Through Capacity Aggregation of Multiple Links in Heterogeneous Wireless Networks, Supervisor: Dr. Mohammad Abdul Qadir.

NEW FACULTY MEMBERS

S:No	Name	Department	Designation	Last Degree From
1	Dr. M. Sultan khan	Mechanical Engineering	HoD, Professor	PhD Mechanical Engineering, UBC, Canada
2	Dr. Mujtaba Agha	Mechanical Engineering	Associate Professor	PhD ENSIACET, France
3	Dr. Amer Farhan Rafique	Mechanical Engineering	Associate Professor	PhD Beijing, P.R. China
4	Dr. Rashid Ali	Mechanical Engineering	Assistant Professor	PhD, Passau University, Germany
5	Mr. Salman Warsi	Mechanical Engineering	Assistant Professor	MSc, University of Durham, UK
6	Mr. Saifullah	Mechanical Engineering	Assistant Professor	MSc, SDU, Denmark
7	Mr. Atif Bin Asghar	Mechanical Engineering	Assistant Professor	MS, University of Leeds, UK
8	Mr. M. Saeed	Mechanical Engineering	Assistant Professor	MS, Ghulam Ishaq Khan Institute, Topi
9	Mr. Abdul Wahab	Mechanical Engineering	Junior Lecturer	MS, NUST, Islamabad
10	Mr. Abdul Baseer Qazi	Mechanical Engineering	Assistant Professor	MSc Information and Communication Systems, Hamburg
12	Ms. Raabia Mumtaz	Computer Science	Lecturer	MS, LUMS, Lahore
13	M. Haroon khan	Bioinformatics	Lecturer	MS, KPK Agriculture University, Peshawar
14	Mr. Shujaat Haider Hashmi	Business Administration	Lecturer	MS, Finance, MAJU
15	Mr. Talha Bin Aizaz	Business Administration	Lecturer	MS, Lahore School of Economics
16	Mr. Mohsin Raza Naseem	Electronic Engineering	Lecturer	MS, MAJU

Mohammad Ali Jinnah University,
Off Kaak Pul, Sihala Road, Zone V, Islamabad
UAN: 111-87-87-87
<http://www.jinnah.edu.pk>