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Mohammad Ali Jinnah University Islamabad Campus NEWSLETTER

Fourth Industrial Open House - 2014
Second Bioinformatics Conference



M.A.J.U.

Sports Gala - 2014

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Fourth Industrial Open House-2014

Fourth Industrial Open House-2014 was held on August 12, 2014; organized by the Department of Computer Science, Electronic Engineering and Bioinformatics of Mohammad Ali Jinnah University, Islamabad Campus. The event provided opportunity to the students to exhibit their skills and hard work through their projects and get it evaluated and appreciated by the professionals from industry. The event was open for the representatives from industry and academia who conducted on spot interviews of selected students; many students received conditional offer letters as well. Shields were given to first, second and third prize winners. Shields were also awarded to the supervisors of the projects.

The event was inaugurated by Dr. Aamir Mateen, CEO

of verses of the Holy Quraan. The Convener of the event, Dr. Nayyer Masood Dar, HoD Computer Science Department, presented a summary of the event. He appreciated the efforts and hard work of the students exhibited in their projects. Representatives from 15 different industries visited Open House at M.A.J.U. and showed their keen interest in the projects of the students. He thanked all his team members from Electronic Department, Bioinformatics Department and Computer Science Department for organizing everything well in time and for smooth conduct of the event. In the end he thanked Dr. M. Mansoor Ahmed, E.V.P. Mohammad Ali Jinnah University for his full support and releasing handsome amount of budget. Then Dr. M. Mansoor Ahmed awarded shields to the



of Trivor Soft. He had also served as General Manager CISCO Systems Incorporate and Managing Director of Pakistan software Export Board (PSEB). In his address to the students, Dr. Aamir Mateen emphasized the scope of IT Industry in Pakistan. He said that it is an ever growing industry and its growth rate is increasing 15% every year. It is an interesting and innovative industry and no field of life can run without it. He advised students that after gaining experience, they can also start a small company of their own as lot of capital is not required for this business. The Chief Guest was given university souvenir by the E.V.P., Prof. Dr. M. Mansoor Ahmed. The Chief Guest, along with Prof. Dr. M. Mansoor Ahmed, visited the exhibition. He took keen interest in each and every project and appreciated the efforts of the students. Altogether there were 51 projects displayed in the events. The closing ceremony started with the recitation

winning projects teams and to their supervisors as well. Judges were also awarded shields. In his address to the students, he commended their efforts. He said that their journey started when they were enrolled in BS, and now at the end of their journey they are experts of their field. They are going towards practical application of their skills. They are going to provide practical solution of industrial problems utilizing their skills. He emphasized that apart from being good professional, they need to be good human beings. He said that students should be thankful to their parents for providing them resources and comfort and to the University for providing them quality education. He thanked all Deans, HoD's, especially Dr. Nayyer Masood Dar, the convener of event, for making 4th Industrial Open House - 2014 a success. In the end he congratulated the students and parents of graduating students.



The first Sports Gala of Mohammad Ali Jinnah University, Islamabad Campus, was held on May 01 to May 04, 2014. Inter-departmental competitions were planned in various sports including Football, Cricket, Volleyball, Basketball, Badminton, athletics and also some indoor games/sports like chess and table tennis. Competitions were held as team as well as individual events.

Students participated actively in all the games. A large number of girls participated in athletics, table tennis, chess and badminton. A high degree of sportsmanship and healthy competitive spirit was witnessed on behalf of participants and those witnessing the event, during all matches. Faculty members also participated actively to buck up the teams of their own department.

The Department of Management Sciences emerged as the undisputed champion of M.A.J.U. sports activities after winning a large percentage of all the trophies. These trophies are now held by the winning department till the next Sports Gala, planned in March 2015.

SPORTS GALA - 2014



Second Conference on “Emerging Trends in Bioinformatics and Computational Biology”

The Department of Bioinformatics at Mohammad Ali Jinnah University, Islamabad organized second annual conference, titled “Emerging Trends in Bioinformatics and Computational Biology” on June 07, 2014. The conference served as a unique opportunity for scientists to make noteworthy contributions in this area. It was led by scores of expert speakers and emerging young scientists honed their understanding of amalgamation of computational and biological concepts and raised their awareness of the importance of connecting the dots between both biology and computational sciences. The Conference attracted about 72 participants from different institutes and universities, including representatives of academia, researchers and young scholars.

The inaugural session was chaired by Prof. Dr. Katsumi Sakata, Department of Life Sciences and Informatics, Maebashi Institute of Technology, Japan. Inaugural address was delivered by Prof. Dr. Muhammad Abdul Qadir, Dean Faculty of Computing, M.A.J.U., Islamabad. In his address he welcomed the participants and wished that this conference would have fruitful results in bringing the scholars and scientists together and bridging the gap between academia and industry. Dr. Katsumi Sakata also appreciated the efforts of organizing team for organizing conference and providing the platform for sharing the knowledge and experiences of renowned scientists and young scholars.

The concluding ceremony was chaired by Prof. Dr. Muhammad Mansoor Ahmed, Executive Vice President, M.A.J.U., Islamabad. Certificates and shields were awarded to the winners of oral and poster presentations. Dr. Muhammad Mansoor Ahmed appreciated the efforts of Dr. Aamer Nadeem, Head of Bioinformatics Department, Dr. Hamid Rashid, Chief Organizer, and the whole organizing team.



‘Unmanned: America's Drone Wars’

The Crescendo team of Management Department screened a documentary “Unmanned: America’s Drone Wars”, co-produced by Jamima Khan, on March 26, 2014 at Mohammad Ali Jinnah University, Islamabad. It was presented with the collaboration of Pak Sar Zameen, an organization working to create general awareness on human rights in Pakistan. Mr. Abdullah and Mr. Moiz, volunteer students from Lahore and Peshawar, presented the message of the documentary. A good number of students at M.A.J.U. attended the screening as this is a topic that pains the heart of every Pakistani. Refreshments followed the group photo after the screening and the Presenters applauded the efforts of Crescendo to facilitate the event.



Fifth One Day Workshop on Bioinformatics

The Department of Bioinformatics, M.A.J.U. organized Fifth One Day Workshop on Bioinformatics on May 10, 2014. This is an annual event of the Department and 5th in the series after successfully holding four One Day Workshops in past four years. The main objectives of the Workshop were to create awareness of Bioinformatics, and to give a basic training in Bioinformatics including hands-on

and the University, as being a pioneer in the field of Bioinformatics. Prof. Dr. Hamid Rashid was the Chief Organizer and Dr. Aamer Nadeem, HoD BI, was Co-Organizer of the Workshop. The workshop was attended by 76 participants including researchers, scholars, students and faculty members from different institutions across the country. The chief guest Prof. Dr. Zabta Khan Shinwari, Chairman Department of Biotechnology, QAU, Islamabad, highlighted the importance of Bioinformatics in his address and stressed the young researchers to gain maximum



lab sessions to the students, faculty and researchers of colleges, institutes and universities. This series of workshops has built a good image of the Department

expertise in the field. In closing ceremony, certificates were awarded to the participants by the chief guest Prof. Dr. M. Abdul Qadir, Dean Faculty of Computing.

One Day Workshop on Mathematics

The Department of Mathematics, Mohammad Ali Jinnah University, Islamabad, organized a workshop on mathematics with special focus on the refresher courses for the mathematics faculty of Islamabad Model/Federal Colleges on May 10, 2014. Twenty nine Lecturers, Assistant Professors and Associate Professors participated in this workshop. The following faculty members of M.A.J.U. delivered talks on different topics of Mathematics:

- Dr. Muhammad Sagheer, idea of derivatives
- Dr. Muhammad Ramzan, applications of differential equations
- Dr. Rashid Ali, applications of derivatives
- Dr. Shafqat Hussain, mathematical modeling in linear algebra

The participants found it a very useful activity. They acknowledged the efforts made by the department of mathematics, M.A.J.U., for initiating such an academic activity for the professional growth of college professors. Prof. Dr. Muhammad Abdul Qadir, the Dean FoC, awarded the certificates of participation to all the participants.



Trip to Panjpir Rocks Kahuta

Crescendo facilitated a trip in March, 2014 to Panjpir Rocks, Kahuta for the students of Department of Management Sciences, Mohammad Ali Jinnah University, Islamabad Campus in the supervision of Mrs. Ameena Zafar. Panjpir is a town in district Swabi and is surrounded by Shahmansoor, Kaddi, Thand Kohi, Bam Khel, Dara and Islamabad. The Crescendo team arranged for the registration and refreshments. It was a relaxing outing for the students and they enjoyed the natural scenery of Panjpir.



Crescendo Movie Theater I: The Conjurer

Crescendo organized 'Movie Theater I' in March 2014 in the supervision of Mrs. Ameena Zafar for the students of Department of Management Sciences, M.A. Jinnah University, Islamabad. This activity was arranged to provide them a break from their hectic academic routine.

The movie selected for display was "The Conjurer", a 2008 supernatural horror film directed by Clint Hutchison and written by Hutchison and David Yarbrough. It was received with great enthusiasm by the students. The selection of the movie was based on the academic, instructive and moral value of the video. Crescendo takes the credit of this activity being the most popular extra-curricular activity organized in the university, and hopes to continue with it for the years to come.

Crescendo Movie Theater II: Lone Survivor

Crescendo organized 'Movie Theater II' on 22 May, 2014 in the supervision of Mrs. Ameena Zafar for the students of Mohammad Ali Jinnah University. The movie for display was 'Lone Survivor'. Set during the war in Afghanistan, Lone Survivor

dramatizes the failed United States Navy SEALs counter-insurgent mission Operation Red Wings, during which a four-man SEAL reconnaissance and surveillance team was tasked to track Taliban leader Ahmad Shah.

Industrial Trip to the Elixir Technologies

Department of Computer Science arranged an industrial visit on May 23, 2014 to the Elixir Technologies which is an IT related organization situated at Telecom Foundation Complex G-9/1, Islamabad. In this trip the senior

students of BS-CS and MCS actively participated. At Elixir Technologies, students were briefed about operational activities and projects initiated by organization. The trip was organized by Mr. Qamar Mahmood.



3-Day Workshop on Android Programming

Department of Electronic Engineering at Mohammad Ali Jinnah University successfully conducted a 3-day workshop on Android Programming. Mr. Kashif Sardar and Mr. M. Tahir Awan were the resource persons for this training workshop. Workshop was also approved by Pakistan Engineering Council (PEC) under 'Continuing Professional Development' (CPD) Program. A total of 30 participants attended the workshop. Participants got hands-on training of Android Application Development using Android SDK and Android based devices like Cell phones and Tablets.

Participants were also trained on how to install, operate and further take up application design and development activities on the Android platform independently, in their respective environments and colleges.



were the resource persons for the workshop.

A two day workshop on "Engineering Optimization with Applications" was held by Department of Mechanical Engineering, Mohammad Ali Jinnah University, Islamabad from June 13 – 14, 2014.



Primary objective of the workshop was to make optimum use of available resources to get maximum output while adhering to the system performance constraints. Participants were trained on number of example ranging from simple problems of more academic interest to those stemming from realistic applications. Because of interdisciplinary nature, graduate and post-graduate students of engineering, faculty members, engineering professionals and scientists working in the R&D organizations of public and private sector attended the workshop. Participants were awarded certificates by Dean Faculty of Engineering, Dr. Amer Qayyum and HoD Mechanical Engineering Department, Dr. M. Sultan Khan, as evidence of their commitment towards continued personal and professional development.

Industrial Trip to the MTBC

Department of Computer Science, M.A.J.U., Islamabad arranged an industrial visit on June 6, 2014 to the Medical Transcription Billing Company (MTBC) situated at 6th Road, Rawalpindi. The trip was arranged and supervised by Mr. Qamar Mahmood. In this trip the senior students of BS-CS and MCS actively participated. At MTBC the students were briefed about the operational system, products and business process of organization. Participants also visited all departments situated in building of company. At the end all participants of trip were served with hi-tea.

The workshop was part of Continuous Professional Development (CPD) program that is being initiated by Pakistan Engineering Council (PEC) to improve knowledge, skills and personal qualities that are required by professional engineers. Dr. Amer Farhan Rafique and Dr. Mujtaba Hassan Agha, both Associate Professors at Mechanical Engineering Department,

M. A. Jinnah University “American Society for Heating Refrigerating and Air conditioning Engineers (ASHRAE) Student Branch” and “Society for Energy and Environment” jointly organized a one day event, “Margalla Hills Cleaning Competition & Hiking on Trail 5” on Saturday, February 22, 2014.

The theme of the campaign was to create awareness of clean and green environment among the students. These students will act as change agents and will spread the message further. Around one hundred students, staff and faculty members participated in this event.

Seminar: Miracle of Character

Seminar named “Miracle of Character” was organized by the Department of Civil Engineering under the supervision of Mr. Furqan Qamar and Mrs. Qurat-ul-Ain Jalil on May 23, 2014.

Event was about the glimpse of Iqbal’s philosophy. What factors fortify self i.e. love, faqr, courage, tolerance, kasb-e-halal and taking part in original and creative activities. Speakers also shed light on what yaqeen is all about and what message Iqbal gave to Muslims and explains the spirit of yaqeen-e-muhakam in Allah to overcome any hurdle. Iqbal stressed on developing strong character through studying Quran and Sunnah.

قرآن میں ہو غوط زن اے مردِ مسلمان

اللہ کرے تجھ کو عطا جہتِ تہِ کردار

The other half discussion comprised that Iqbal was not fascinated by western philosophy or west. It is totally false assumption to damage the image of Muhammad Iqbal. Iqbal’s philosophy is derived from Quran and Sunnah not from west. It is really unfortunate that Iqbal has not received the attention he deserves. Speakers said that it is strange irony that not a single university in Pakistan has ever offered a course on Iqbal and his thoughts. Now M.A.J.U. has taken initiative of organizing seminars and lectures which is a very positive step.



Best Paper Award at ICREATE-2014

Dr. Azfar Khalid, Associate Professor, Mechanical Engineering Department has received the best paper award at ‘International Conference on Robotics and Emerging Allied Technologies in Engineering’ (ICREATE-2014) held at NUST from April 22-24, 2014. The paper titled “Non-contact Metrology Inspection System for Precision Micro Products” was selected as best, out of the 60 papers presented in the conference



NASCON is an annual event organized by FAST, Islamabad. This year, the event was organized on April 19, 2014. A team from CS Department of M. A. Jinnah University, Islamabad participated in the event “Debug Police”. Mr. Zain Imtiaz and Mr. Saad Saleem Malik represented their department. The results of the event were announced in the closing ceremony. The team from M.A.J.U. remained runners up in this event. The participation in such events and working in competitive environment enhances the confidence of the students and enables them to compete in real situations.



Companions of Prophet Muhammad (S.A.W)

On March 12, 2014, The Knowledge Club of CS Department organized a talk on the topic of “Companions of Prophet Muhammad



(S.A.W) and Daily Life Routine of their Youth.” The seminar was supervised by Dr. Muhammad Tanvir Afzal and Mr. Shehzad Rafiq. The guest speaker was Raja Zia-ul-Haq who is the current President/CEO of Youth Club. He is a prominent motivational speaker, life coach & “spiritual cardiologist” from Shifa International Trust, Islamabad. The talk was based on the topic that “How can we take the lives of Companions of Rasullulah (S.A.W) as our role models now a days” and “How we can attain Love of Allah like they attained it”. A large number of students attended the lecture and asked questions from the speaker. The guest was presented a university souvenir by Mr. Shahzad Rafiq at the end of interactive session.

Recruitment Test for CS & BI Students

On May 07, 2014 JSPark conducted a recruitment test for the CS & BI final year students, in cooperation with IT software house “Binex solutions”. This software house deals

with the designing and development of the Mobile Apps and games. Almost 30 candidates took part in this test. At the end, Dr. M. Tanvir Afzal & Ms. Maryam Kausar presented the university souvenir to the honorable guests Mr. Umer Maqbool & Mr. Sohail.

Visit to Railway Carriage Factory

Department of Electronic Engineering, Mohammad Ali Jinnah University, Islamabad organized an educational trip of students to Railway Carriage Factory, I-10/1, Islamabad on May 17, 2014. At the Railway Carriage Factory, students were received by Mr. Muhammad Haseeb who delivered an introductory lecture; afterwards, they visited each section. Each and every group learnt about each section very thoroughly. It was a very complex and huge setup and dividing the students into two

groups made the visit more informative, enlightening and safe. The workers of each section seemed to be very skilled and explained their sections thoroughly by showing different inputs and outputs of their respective sections. It was a professionally managed tour and the students benefited a lot. Overall, it was a highly productive visit and the cooperation of Railway Carriage Factory staff and officers was highly appreciated.



JSPark organized a seminar on “Opportunities” on March 19, 2014 under the supervision of Ms. Raabia Asif and Dr. Tanvir Afzal. The speaker of the seminar, Muhammad Faisal, (working as Training and Development Manager at Touchstone Communications) emphasized the importance of short term and long term goals and engaged students in a goal setting activity. He denied the general notion of “job opportunities in Pakistan”, saying that it is only our perception that there are no opportunities in Pakistan; being a part of the global village, Pakistan has a lot of job opportunities. The speaker also shared with the audience success stories of some students doing part time jobs. The seminar proved to be very fruitful and encouraging for the students.



Workshop on Presentation Skills and Slide Design



A workshop on “Presentation Skills and Slide Design” was organized by Crescendo in the supervision of Mrs. Ameena Zafar in Spring 2014

for the students of Department of Management Sciences. She was also the resource person. The purpose of the workshop was to introduce the students to the effective Presentation and Slide Design Skills required for presentations in the corporate. She shared her own experiences in this area as a corporate trainer and consultant, and inspired the students to polish their respective skills. The workshop was appreciated by the students, as it equipped them with basic presentation and slide design tools for their remaining courses as well as future presentation scenarios in the corporate sector for the students.

Workshop on Mediation and Moderation

Workshop on mediation and moderation was held on April 15, 2014. Speaker for this workshop was Miss Sehar Zulfiqar. Workshop started by a detailed introduction on what is mediation

and what is moderation? Basic differences and characteristics of mediating and moderating variables were cleared to students with logical explanation. Along with the explanation, students practically worked with mediation and moderation on their systems to clear any remaining ambiguities.



Workshop on Basics of SPSS for Research

A workshop on “Basics of SPSS for Research” was organized for the MBA research students by Crescendo, in the supervision of Mrs. Ameena Zafar in Spring 2014. Mr. Awais, research associate at M.A.J.U., was the resource person. The purpose of the workshop was to introduce the students to the general importance of SPSS in data collection in research. Mr. Awais gave a demonstration on how to use SPSS, shared his own experiences in this area, and inspired the students to use this software in active research. This was a free contribution from Crescendo for the research students of Department of Management Sciences, M.A.J.U., Islamabad. The workshop was appreciated by the students as it would help them in all future research ventures.

Alumni dinner of Bioinformatics Department was held on March 28, 2014 at Islamabad Hotel, Islamabad. Almost 50 individuals including alumni, students and faculty participated in this occasion including Prof. Dr. Mohammad Abdul Qadir, Dean Faculty of Computing. Alumni Dinner was organized by GENIX society under the supervision of Dr. Sahar Fazal.



Opening remarks were delivered by Prof. Dr. Abdul Qadir and senior faculty members also expressed their views for the students and about the university. Head of Bioinformatics Department, Dr. Aamer Nadeem commended the efforts of organizers.

The alumni, students and faculty enjoyed well. Alumni shared their experience during their studies in the university. Souvenirs were distributed among the alumni students. Alumni recorded their views in record book.

With the kind permission of Muhammad Shafi Chohan, Superintendent Engineer GSO, IESCO ISLAMABAD, 60 students from Mohammad Ali Jinnah University, Electronic Department visited the Pirwadhai Grid Station on May 17, 2014. It was a great opportunity for engineering students to see in person how electricity is being controlled and managed efficiently for supply to such a big city. The warm welcome by GSO team and introductory lecture by X.En Engineer Muhammad Saleem motivated the students and they visited each section with more interest. The department is also thankful to AET Syed Abid Hussain Shah, SSO In-charge Fakhruddin and their team for their hospitality and help. It was a professionally managed tour and students benefited a lot.



Seminar on Strategic Foresight

Engineers' Forum, Department of Mechanical Engineering, Mohammad Ali Jinnah University organized a seminar titled “Strategic Foresight: Harnessing the Future” on April 02, 2014. The guest speaker, Mr. Umar Sheraz, who is a Senior Policy Analyst at COMSTECH Islamabad, delivered a presentation. Starting with some case studies about how time changes the cognitive horizon, the speaker involved the audience in a couple of exercises involving tools to develop a better strategy, addressing some of the common problems being faced by the youth particularly. The seminar proved to be fruitful for the students.

Trip to Qarshi Industry

Industrial Visit to NeoMedix

Department of Bioinformatics arranged an industrial study visit to NeoMedix Pharmaceutical Company at Rawat, Islamabad on May 28, 2014 under supervision of Dr. Muhammadi. The Manager of industry briefed the students on activities of industry for manufacturing of health related products. Students visited the various running units of manufacturing and packaging and got the information of indigenous manufactured pharmaceutical products. Dr. Muhammadi and students acknowledged the cooperation of NeoMedix, and appreciated the services and contributions of NeoMedix Pharmaceutical

Company in local health sector.



A group of 25 students accompanied by 3 faculty members from the Army Public School & College, Rawalpindi visited the Department of Bioinformatics, M. A. Jinnah University, Islamabad on March 21, 2014. The group was welcomed by Ms. Syeda Marriam Bhakhtiar, Assistant Professor Department of Bioinformatics. Students were

briefed about the university and emerging discipline of Bioinformatics. Students showed keen interest in open discussion related to different topics of Bioinformatics. They were given a practical tutorial about Polymerase Chain Reaction by Mr. Shahid Hussain, Research Associate. At the end of discussion the visitors were entertained with Hi-tea; souvenirs were given to the accompanying faculty members by Ms. Syeda Marriam Bakhtiar and small gifts were given to the visiting students.



A two day workshop on, “Advanced Proteomics and Bioinformatics” was held on June 11 to 12, 2014. The workshop was inaugurated by Prof. Dr. Katsumi Sakata, Department of Life Sciences and Informatics, Maebashi Institute of Technology, Japan. The workshop was comprised of lectures along with respective hands on practices in the lab. Lectures were delivered by Prof. Dr. Katsumi Sakata, Dr. Asif Mir, Department of Biotechnology, International Islamic University, Islamabad, Dr. Sikander Azam from Quaid-i-Azam University, Islamabad and Professor Dr. Hamid Rashid, Department of Bioinformatics, Mohammad Ali Jinnah University, Islamabad.

The workshop was attended by Faculty and Research Scholars of different Universities, and Institutes across the country. At the concluding session Prof. Dr. Katsumi Sakata congratulated the Department on holding such a successful event. He also acknowledged the role of

Department of Bioinformatics, Mohammad Ali Jinnah University, Islamabad in boosting the progress in the field of Bioinformatics by entrusting the Universities with the responsibilities. The vote of thanks was presented by Prof. Dr. Muhammad Abdul Qadir, Dean Faculty of Computing, Mohammad Ali Jinnah University, Islamabad.



JSPark Activities – Spring 2014

JSPark Society is the life blood of Computer Science Department of M.A.J.U. working under the supervision of Dr. M. Tanvir Afzal. The society actively organizes many event/cocurricular activities. In Spring 2014 Semester, JSPark organized the following events:

Students of first semester were given membership and



introduction to different clubs and their objectives, working under umbrella of JSPark on March 05, 2014.

How to Prepare Students for Technical Interviews

After getting professional degree, students usually do not know how to present themselves effectively at the time of interview. To overcome this weakness, a seminar was organized on March 25, 2014 which helped them learn the skills of successful technical interviews in software industry.

A welcome party was organized for the first semester students by the students of second semester on April 4, 2014. Senior students presented an entertaining show which was enjoyed a lot by the students and the faculty. Hi-tea was served in the end.

Online Gaming Competition

An online gaming competition was organized on April,



7, 2014. Following games were played online in the competition.

- Call of Duty 4 modern warfare
- Need for Speed Most wanted

Pakistan Past, Present, and Future by Mr. Rauf Klasra

A seminar was arranged on March 21, 2014 to enhance the general knowledge of the students of CS



Department. The guest speaker was Mr. Rauf Klasra. The purpose behind this seminar was to make students realize their role as a patriotic Pakistani.

PTV World shooting on “Cultural Invasion”

PTV World shoots a talk show with the students in Auditorium 1 on April 9, 2014. Topic of discussion/show was “Cultural Invasion”. Students from different departments actively participated in the show.

Participation in RIITE in CIIT Attock

Students from the CS department participated in RIITE in CIIT Attock on April 15-16, 2014.

Cricket Tournament

A cricket tournament was held among teams of different departments to promote healthy activities on April 26 to 29, 2014.

Knowledge Club Activity One

A seminar was arranged for female students by Mr. Shehzad Rafiq and Ms. Raabia Asif. The guest speaker Dr. Amra Ahsan guided the students that how they can become good practicing Muslims.

Knowledge Club Activity Two

Another seminar was arranged by Mr. Shahzad Rafiq for the male student regarding their role as male members of society.

Workshop on Research Paper and Dissertation Writing

Department of Mechanical Engineering at Mohammad Ali Jinnah University organized a one day workshop on “Research Paper and Dissertation Writing” on May 30, 2014. Dr. Amer Farhan Rafique was the resource person for this training workshop. Workshop was also approved by Pakistan Engineering Council (PEC) under Continuing Professional Development (CPD) Program.

Primary objective of this One-Day Workshop was to make certain that, while preparing manuscripts and dissertations, ideas are conveyed accurately and presentation details such as conformity to publication standards, graphics, and other visual elements are as per the requirements. The workshop earned excellent feedback from participants. They acknowledged the efforts of Mechanical Engineering Department for offering

this vital workshop for the professional growth of researchers. Pro. Dr. Amir Qayyum, Dean Faculty of Engineering and Dr. M. Sultan Khan, HoD Mechanical Engineering, awarded the certificates of participation to all participants, resource person and organizer.



Engineer's Voice of Electronic Engineering Department organized a seminar on "Environmental Radioactivity and Harmful Effects of Ionizing Radiation" With the collaboration of Pakistan Nuclear Regulatory Authority. Organizer of the seminar was Miss Saleha Nadeem. Mr. Muhammad Siyaf (Senior Engineer) and Mr. Waqas Munir (Senior Scientific Officer) were the Guests Speakers. They discussed the Harmful Effects of Ionizing Radiations and the role of P.N.R.A. in controlling Nuclear Radiations. Steps taken by P.N.R.A. to save the Public from these Radiations were also discussed in the seminar. The seminar ended with fruitful question answer session. At the end of seminar the guests were served hi-tea arranged

by the University with the present faculty members.



IEEE Jinnah Social and Educational Carnival

IEEE Mohammad Ali Jinnah University Student Branch, Islamabad Section organized (IEEE JSEC) on May 2-3, 2014 at Mohammad Ali Jinnah University, Islamabad. Around 20 renowned universities from various cities including NUST, Bahria University, Air University, IST etc. actively participated in the event. M.A.J.U. IEEE student

speeches. Governor Youth National Assembly Pakistan, Ahsan Hameed Durrani, was invited as Chief Guest who also shared his views.

Towards the end of the event, Dr. Amir Qayyum, Ex-Secretary IEEE Islamabad Section and Dean Faculty of Engineering, M.A.J.U. graced the event by addressing



branch hosted more than 200 participants in this event for whom food and lodging were arranged locally. Further, IEEE Gold and IEEE Research and Development Project (RDP) conducted seminars on 'Women in Engineering' in which Mehwish Zahoor and Sania Arshad delivered their

the participants. He shared the ongoing IEEE activities in the region and highlighted the recent achievements of the section. In the end the winners and runners-up of each event were honored with certificates, cash money and shields. The event concluded on hi-tea.

"Comedy Nights with Kapil"

Comedy Nights with Kapil" was shown at the Crescendo Theater, in Spring 2014 Semester, for the students of Department of Management Sciences of M.A.J.U. Islamabad. It is a comedy show which provides a distinctive take on the everyday life of a common man

as the show explores the story of every household and how our common man Kapil is affected by the simplest issues in life around him. The light humor was enjoyed by the students and was voted the best of the theater shows screened in the Spring 2014 semester.

Prof. Dr. Muhammad A. Qadir

Dean Faculty of Computing

Prof. Dr. A. Qadir did Msc from QAU, Islamabad and PhD in Parallel Computing from University of Surrey, UK. He is serving Mohammad Ali Jinnah University, Islamabad since 1998. Presently he is serving as Dean Faculty of Computing. He is member of IEEE Computer Society, USA and Institute of Electrical and Electronic Engineers (IEEE), USA. His basic research area is Semantic Computing: Ontology evaluation, Ontology mapping and merging, Semantic Cache Query Processing, Semantic Extraction from Multimedia Objects, Semantic Search Engines, Semantic based Learning Systems, Semantic based Query Refinement for WWW, Deep web mining Distributed Computing: Networks (IP and Transport Services), Bandwidth aggregation for heterogeneous networks, Fault tolerance Cryptography and Cryptanalysis, Algorithms, and Bioinformatics.

Students: *We would like to know about your time spent abroad as a PhD scholar?*

Dr. Qadir: I did my PhD from England, University of Surrey. I had been there from 1990 to 1995. It was a hectic time span over there, but good as well. It was a time to learn, to do and experience so many things. I used to go out, especially on weekends, to study the diversity of cultures as well. Over all it was a wonderful experience.



Students: *Why did you choose to study Computer Engineering?*

Dr. Qadir: This field was very hot at that time and new as well. It was an emerging science having good scope. So I opted this for my studies and future.

Students: *What is the scope of Information Technology in Pakistan?*

Dr. Qadir: IT Industry is an ever growing Industry. In Pakistan, there is lot of scope of soft and hardware industry. Fields of Computer Science is having lot many activities like programming, software development, software expos, export etc. There is no other industry in Pakistan like software, having great scope. It is having very good scope indeed.

Students: *What do you think is your major contribution to the field of education?*

Dr. Qadir: There are many things I can talk about, but I

believe my major contribution is hundreds of my students whom I have taught and they are serving Pakistan in different capacities. Many of them are serving abroad also.

Students: *What do you suggest to fresh graduates, whether*



they should explore their future in Pakistan or abroad?

Dr. Qadir: I think one should explore his/her future in Pakistan as there is lot of scope of the field of Computer Science, but if there are good opportunities for them abroad like higher education etc, they should definitely pursue their career abroad as it gives lot of experience and exposure to new culture and there are lot of learning opportunities.

Students: *In the end we would request you to give a practical advice to the students.*

Dr. Qadir: "Complete today's work today." Do not postpone. Work hard and develop true interest in studies. Do a lot of practical work as Computer Science is a professional degree and bookish knowledge is not sufficient. Students should have a practical knowledge of their field and for practical knowledge they should develop interest in programming, developing software, computer networking etc. Learn as much as you can.

One-day Workshop on GSM-OpenBTS

A one-day workshop on GSM-Open BTS was conducted by Dr. Sajjad Hussain on June 03, 2014. A large number of students attended the workshop where the basic knowledge of Software Defined Radio prototyping was given as well as one

of its applications, OpenBTS, was demonstrated. A fake GSM BTS was implemented which made the GSM services unavailable to the audience and later on free GSM calls were made using the USRP. The students appreciated the demonstrations a lot.

Mr. Zeeshan Alam, Lecturer, Department of Civil Engineering M. A. Jinnah University, Islamabad has secured "International Postgraduate Research Scholarship" (IPRS) to pursue Ph.D research at University of Western Sydney, Australia. His proposed Ph.D

research topic is "Nonlinear Finite Element Analysis of Protective Structures against Extreme Loads".

Mr. Furqan Qamar, Assistant Professor, Department of Civil Engineering M. A. Jinnah University, Islamabad has moved to UK for pursuing his Ph.D studies. His proposed Ph.D research topic is "Natural Fibre in Cement Composites for Sustainable Construction".

Series of CPD Workshops on CFD / ANSYS

Mechanical Engineering Department at M. A. Jinnah University, in collaboration with PEC, arranged a series of CPD Workshops on "Computational Fluid Dynamics" (CFD) and "Fluid Structure Interaction" (FSI) in April, 2014. Asst. Prof.

American Society for Mechanical Engineers (ASME), Mohammad Ali Jinnah University Chapter arranged "Water Rocket Competition 2014" in March 05, 2014, under the supervision of Mr. Saif Ullah. Students from all the departments were allowed to participate in the event. A good turn up of students was seen. Mr. Abdul Baseer Qazi was the judge for this contest. The rocket launchers were prepared by the ASME Student Chapter organizing team. Each participating team was given two chances to launch their water rocket and the distance travelled was recorded. The event provided a good overview about the design and launching of water rocket. The prize distribution ceremony for this event was held on March 19, 2014. Prizes were given to the Best Performance, Most Innovative Design and Most well



Mr. Muhammad Saeed was the resource person for all the workshops.

The primary objective of these workshops was to explore the versatility of CFD modeling and to familiarize the participants with ANSYS software which is a high-performance, general purpose fluid dynamics program that is being deployed for more than 20 years to solve complicated fluid flow problems. The workshops were carried out in four completely separate and independent modules each focusing on a key application area and targeting specific audience of the respective fields.



Decorated Rocket while certificates were given to all participants.

Pakistan Engineering Council (PEC) zero visit for accreditation of BS Civil Engineering Program was held on June 16, 2014. The visitation team comprised of Prof. Dr. Abdul Sattar Shakir from UET Lahore as Convener & Expert Civil Engineering and Mr. Ikram Ullah Khattak as PEC representative. The delegation was warmly welcomed by Dean FoE, Prof. Dr. Aamir Qayyum, Senior HR Manager, Mr. Tariq Mehmood, Registrar, and Faculty Members of Department of Civil Engineering. The team then met with E.V.P, Prof. Dr. M. Mansoor Ahmed. A presentation session included the introduction of university and facilities developed for civil engineering program. The team visited the exhibition room, class room, instruction rooms, labs, library and IT room. The Convener showed keen interest in Outcome Based Education (OBE) system. The course files were already in accordance and were appreciated by Convener. Some suggestions were also given for further

improvement in OBE system. Civil engineering labs (engineering materials and surveying labs) are established in purpose-built Block G, M.A. Jinnah University, Islamabad. The delegation was overall satisfied and had positive gesticulate. Accordingly, green signal was given by the PEC for the launch



of BS civil engineering program after their central meeting regarding accreditation of engineering programs. The intake has already been taken and classes will commence on September 15, 2014. Department of Civil Engineering looks forward to welcome the pioneer batch and wish them best of luck for their studies.

Role of Pakistani Dramas in Gender Discrimination

Gender Inequality means disparity among human beings on the basis of gender whether pragmatic or social. Today gender roles are knitted by culture and tradition, but it seems that Islam influences the status of women conservatively in society and this influence slows down the progress of women and limits the policies designed for women. This influence narrows the economic opportunities for women.

As far as Pakistani culture and society is concerned, it is too much under influence of some non-Muslim societies of the world where gender discrimination is prevailing. In our society women had been facing a lot of social problems: Dowry, Rapes, Snatching, Acid Burning etc. Although after passing some so called Women Rights Bills, women are entertained for some social benefits, but in fact these bills were the stairs steps to get access to the women on the name of so called liberty and equal rights.

A sensible fact is that the social media can root up the gender discrimination, but unfortunately our media is working opposite. Till 1990s and even till 2006 Pakistani dramas were considered

outstanding in the world due to their class, stories, dignity and off course due to UN matched writers of the time. But now a days presence of so much TV channels and inexperienced writers cause a great fall in their standard. These days each and every story writer has a common topic, with slight difference, to write down i.e. the Offence of Women.

Though, most of the dramas are directed and produced to highlight the problems and hurdles being faced by women in our society, but media can highlight these issues in a very sensible way. Media should stop gender discrimination by organizing Talk Shows, seminars and also by two or three high standard dramas highlighting the real issues of women not exaggerating them.

And we know that "Men and Women both are the vital part of a society and for how much time a society will do well by using only one of its parts and ignoring the other vital one".

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1	Dr. Muhammad Atiq Ur Rehman Tariq	Civil Engineering	Associate Professor	Ph.D	TU Delft, Netherlands
2	Dr. Majid Ali	Civil Engineering	Assistant Professor	Ph.D	University of Auckland, New Zealand
3	Mr. Suhail Attar	Mechanical Engineering	Assistant Professor	MS Mechanical Engineering	Hanyang University, Seoul, South Korea
4	Mr. Imran Shabkhez Sarwar	Mechanical Engineering	Assistant Professor	MS Mechanical Engineering	NUST, Islamabad
5	Mr. Saad Iqbal	Mechanical Engineering	Assistant Professor	MS in Project Management	SZABIST, Islamabad
6	Mr. Hassan Shah	Mechanical Engineering	Assistant Professor	MS -Material Science & Engg.	University of Delaware, Newark, DE, USA
7	Mr. Fahd Naveed Cheema	Electronics Engineering	Lecturer	MS EE (Communication Systems)	University of Applied Sciences, Hochschule Bremen, Germany
8	Mr. Kanwal Daud Gill	Computer Science	Lecturer	MS-Computer Software Engineering	NUST, Islamabad
9	Mr. Muhammad Ansar Javed	Computer Science	Lecturer	MS-Computer Science	NUST, Islamabad
10	Mr. Bilal Ahmad	Computer Science	Lecturer	MS-Computer Engineering	CASE, Islamabad
11	Mr. Irfan Ullah	Mechanical Engineering	Lab Engineer	BSc Mechanical Engineering	UET, Peshawar
12	Mr. Hassan Shafiq	Mechanical Engineering	Lab Engineer	BSc Mechanical Engineering	NUST, Islamabad
13	Engr. Abdul Samad	Mechanical Engineering	Lab Engineer	BSc Mechanical Engineering	AIR University, Islamabad
14	Ms. Shumila Rasheed	Mechanical Engineering	Lab Engineer	BSc Mechanical Engineering	UET, Lahore
15	Mr. Iqbal Ahmad	Civil Engineering	Lab Engineer	BSc. Civil Engineering	UET Peshawar, Pakistan
16	Mr. Asif Jalal	Civil Engineering	Lab Engineer	BSc. Civil Engineering	NUST, Risalpur, Pakistan
17	Mr. Muhammad Junaid	Civil Engineering	Lab Technician	DAE	SIT, Rawalpindi, Pakistan
18	Mr. Nasir Shabbir	Civil Engineering	Lab Technician	DAE	SIT, Rawalpindi, Pakistan

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