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Mohammad Ali Jinnah University Islamabad Campus NEWSLETTER

Islamabad Campus



10th Commemoration
November 20 2014



M.A.J.U.

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M.A.J.U. holds 10th Convocation at Convention Center, Islamabad

The 10th Convocation of Mohammad Ali Jinnah University Islamabad was held on Thursday the 20th of November, 2014 in Convention Centre Islamabad wherein over 567 graduates including BBA, MBA, BS, MS and PhD in the fields of Management Sciences, Electronic Engineering, Computer Science and Bioinformatics were awarded degrees.

The renowned Nuclear scientist Dr. Samar Mubarakmand (N.I., H.I, S.I) graced the occasion as the Chief Guest while Mian Amer Mahmood Chancellor Mohammad Ali Jinnah University Presided over the Convocation. Members of the Board of Governors of Mohammad Ali Jinnah University and a large number of distinguished guests and parents of the graduating students were also present.

Dr. M. Mansoor Ahmed, Executive Vice President, welcomed the guests, students and their parents for their presence in this memorable and happy occasion and declared this event as a significant milestone in the lives of graduates. He congratulated the graduates and highlighted the contribution made by the University in the field of higher education. He hoped that the graduates will contribute

marking on a never-ending journey towards new frontiers of knowledge. The role of higher education becomes more prominent and wide ranging. In the present times, we do not only need just the conventional types of education. We are



now faced with challenges of different types and it is the higher education which plays a key role in determining the position of a nation in today's knowledge driven economy. It guarantees sustainable progress and assures a place of respect to both individuals and nations.

Seven PhD graduates received their PhD degrees including Mr. Adnan Riaz, Mr. Yasir Bin Tariq, in the field of Management Science; Ch. Muhammad Asim Rashid, Syed Ejaz Hussain Kazmi, Mr. Safdar Hussain and Mr. Mubeen



towards scientific and technological development of the country through their ability, dignity, determination and commitment. He informed that the University has earned a prominent position amongst its competitors by putting high emphasis on R&D activity and its graduate programs.

While addressing the Convocation gathering, Dr. Samar Mubarakmand congratulated the students on their academic achievements. He expressed his appreciation for the efforts and contribution of the University in the field of higher education. He also said that in the present day scenario, education does not end with acquiring a degree; it is a lifelong affair exploring new horizons, and broadening of the vision,

Ghafoor in the field of Electronic Engineering; and Mr. Muhammad Naeem in the field of Computer Science.

The Chief Guest also awarded 29 medals, including 10 Gold, 11 Silver and 8 Bronze medals to the graduates who stood 1st, 2nd and 3rd in their respective degree programs. The 'Quaid-e-Azam Gold Medal' was also awarded to an overall best graduate of the Convocation, Miss Atika Liaquat, graduate of MS Management Science, on his distinguished performance in curricular and extracurricular activities.

Mian Amer Mahmood, the Chancellor of the University and Chairman Punjab Group of Colleges presented the University Shield and souvenir to the Chief Guest.

3rd International Conference on Emerging Trends in Management-2014

The Faculty of Management and Social Sciences of Mohammad Ali Jinnah University, Islamabad hosted the 3rd International Conference on Emerging Trends in Management on October 16, 2014.

Dean, Faculty of Management and Social Sciences delivered the opening speech and thanked respected researchers from all over the world for making conference

were selected for presentation. Simultaneously 15 sessions were conducted from 09.00 AM in morning till 06.00 PM. Certificates and shields were distributed among session chairs, discussants and presenters. In the closing ceremony Prof. Dr. Ashfaq Hasan Khan, Dean, NUST Business School, delivered keynote speech and discussed possible opportunities and treats for Pakistan in current emerging international scenario



successful. While delivering the keynote speech, Prof. Dr. Asad Zaman, Vice Chancellor, Pakistan Institute of Development Economics (PIDE), praised the efforts of Mohammad Ali Jinnah University, Islamabad for promoting the research culture in Pakistan. The opening ceremony was followed by Hi-Tea.

Total 110 papers were submitted out of which 52 papers

and urged academia to focus these issues in research. Dr. M. Mansoor Ahmad, Executive Vice President, Mohammad Ali Jinnah University, delivered vote of thanks. The participants, experts from academia and industry emphasized the need to conduct such conferences which can contribute in developing a link between industry and academia. The conference was concluded after Hi-Tea at 7.30 PM.

Research Productivity Awards for Five M.A.J.U. Scientists

Pakistan Council for Science and Technology (PECT) Government of Pakistan, Islamabad has conferred "Research Productivity Awards" on five scientists of M.A.J.U. for the year 2012 and 2013 in recognition of their significant contributions in research.

Research award conferred upon M.A.J.U. Scientists for the year 2012 include: Dr. Hamid Rashid, Dr. Aamer Iqbal Bhatti, Dr. Noor Muhammad,

Mr. Muhammad Haroon for the year 2012 and Dr. Hamid Rashid for the year 2013.

The awards were distributed in a prestigious ceremony held at M.A.J.U., Islamabad campus. Prof. Dr. Muhammad Mansoor Ahmed, Executive Vice President, M.A.J.U., Islamabad distributed the award certificates to the awardees.

Prof. Dr. Mansoor Ahmed while congratulating the scientists, said that winning of "Research Productivity Award" is a matter of pride for the University. He said that it will be a source to promote research more vigorously amongst the

faculty and research scholars of the University.



Jinnah Employment Expo-2014

Mohammad Ali Jinnah University, Islamabad Campus organized Jinnah Employment Expo 2014 on December 04, 2014. The objective of JEE 2014 was to provide a platform for M.A.J.U. students/graduates to interact with firms for Jobs, Internships, Apprenticeships and Project Opportunities. The Office of Corporate Linkages was the chief organizer of JEE 2014. Dr. Moeen, CEO, CSR Forum, Serena Hotels Islamabad, and Executive Vice President, M.A.J.U.



Islamabad Campus inaugurated JEE 2014. University officials and student volunteer teams were also present at the inaugural session. JEE-2014 also arranged sessions on "Career Ownership". The speaker for this session was Mr. Junaid Ahsan, CEO Talent Experts Karachi. Mr. Junaid worked as a consultant for a number of renowned national & international organizations in the areas of HR. Second session was on "Moving Mountains". The speaker for this session was Mr. Abdul Samad Khan, Founder & CEO Youth Impact. Mr. Abdul Samad worked as a consultant in the areas of Leadership Development, Team Building, Personal Excellence and Youth Development for Toyota Motors, Shell, Nestle, Telenor, NSN etc.

Orientation & Certificate Distribution Ceremony of RSVP

Office of Corporate Linkages organized an orientation of RSVP Batch 2 and certificate Distribution Ceremony of RSVP Batch 1 on October 02, 2014. All volunteers of batch 1 were awarded experience certificates in the presence of their respective supervisors. Dr. Muhammad Sagheer, DSA, distributed certificates to all volunteers of batch 1. He also gave a talk to new volunteers about the importance of this volunteer program and how it can add to their career. After ceremony, Hi-Tea was served to all volunteers and faculty members.

Workshop on Plant Tissue and Cell Culture

On November 22, 2014, a one day workshop on Plant Tissue and Cell Culture for under grade students and biology faculty members from colleges of Islamabad and Rawalpindi was successfully organized by Department of Bioinformatics, Mohammad Ali Jinnah University, Islamabad under supervision of chief organizer Dr. Muhammadi. In inaugural session, Dr. Aamir Nadeem, Head of Department, warmly welcomed the participants and briefed them about Mohammad Ali Jinnah University and Department of Bioinformatics. The workshop included lectures followed by laboratory practical sessions and discussions on subject. Four speakers delivered informative lectures on various aspects of plant tissue and cell culture. Professor Dr. Hamid Rashid presented the basic aspects and importance of plant tissue and cell culture. Dr. Muhammadi delivered the lecture on steps and methodologies of micro propagation of plants. The guest speaker, Dr. Aish Muhammad from NARC delivered a detailed and informative lecture on quality and mass-scale propagation of banana plants varieties through tissue culture technology. While another guest speaker, Dr. Iqbal Hussain from NARC delivered on application of tissue culture technology for production of improved quality and nutritious potato varieties. More than fifty students and faculty members from various colleges of Islamabad and Rawalpindi participated actively in each session of workshop and showed their keen interest in tissue culture technology for production of quality and standard agriproducts in Pakistan and academia. Participants also visited the various blocks and labs of University and appreciated the academic atmosphere of M.A.J.U. At the end, HoD of Bioinformatics Department presented the souvenir of M.A.J.U. to the guest speakers.



PhD Symposium at Mohammad Ali Jinnah University, Islamabad, Pakistan

Department of Computer Science at Mohammad Ali Jinnah University, Islamabad organized PhD symposium on December 13, 2014. The objective of this event was to help PhD students working in a specialized area to give them feedback on their problem statement, methodology, and any issues related to their research work. There were 16 Professors from different universities of twin cities who participated in the expert panel. Students were asked to submit their PhD extended abstract. The abstracts were received from different universities of twin cities. Among them 9 abstracts were shortlisted for this one day activity. Dr. Muhammad Tanvir Afzal, event coordinator welcomed professors from different universities and participants who travelled from far to attend this event. Dr. Nayyer Masood, Head of Computer Science department at Mohammad Ali Jinnah University, Islamabad, Pakistan congratulated the expert panel for their contributions and feedback to the PhD students.

The session was chaired by Prof. Dr. M. Abdul Qadir, Dean, Faculty of Computing at Mohammad Ali Jinnah University, Islamabad, Pakistan. Students presented their research work to the expert panel, subsequently, the expert panel provided guidance and direction to their future work. The review on the research idea, its feasibility, applications, significance, methodology, and possible future directions were discussed. This was a healthy activity where students got enough feedback from experts from diversified organizations. This will help students to focus their research work and to make sure that they are in right direction and they would be able to make significant contribution to the scientific knowledge.

The expert panel and students were from many diversified universities of twin cities such as: COMSATS Institute for

Information and Technology, Islamabad; Ghulam Ishaq Khan Institute, Topi; International Islamic University Islamabad; Mohammad Ali Jinnah University, Islamabad; National University of Computer and Emerging Science (FAST), Islamabad; NUST School of Electrical Engineering and Computer Science (SEECS); Pakistan Atomic Energy Commission; and Quaid-i-Azam University, Islamabad. At the end of the event, Professors and students provided their feedback and applauded the organizers for arranging this activity and the students were very happy to meet their fellow colleagues working in above mentioned organizations and to share the knowledge. Furthermore, number of issues related to the knowledge production and knowledge dissemination related to Computer Science were discussed.

The event was broadcast via HEC video conferencing infrastructure available in all public and some private sector universities in the whole country. This dimension helped to share the knowledge even on the broader scale. This was an interactive session and virtual participants were allowed to ask questions and to be part of discussion during the session. The event ended with the certificate distribution ceremony in which all presenters were given certificates. We are thankful to our expert panel that spared their valuable time from their busy schedules and joined us physically. The Department is thankful to the Higher Education Commission, Pakistan for providing the video conferencing infrastructure to broadcast the event. A special thanks goes to the administration of Mohammad Ali Jinnah University which helped in organizing this event and managed hi-teas and lunch for all participants of this event and provided platform to organize this important event at Mohammad Ali Jinnah University, Islamabad, Pakistan.



ExclTe Cup-2014

Department of Computer Science, Mohammad Ali Jinnah University, Islamabad, organized ExclTe Cup on December 06, 2014. The event offered seven competitions, including: On-Spot Programming, Software Project Exhibition, E-Gaming Competition, Mushaira Competition, Photography Competition, Quiz and Poster Design Competition. The event offered an opportunity to students to exhibit their skills and prove their metal. Around 140 teams from 22 universities of Pakistan registered for different competitions. Cash prizes, shields, and certificates were awarded to the winning teams.

The exciting and thrilling competition was inaugurated by Dr. Abdul Qadir, Dean Faculty of Computing, Mohammad Ali Jinnah University, Islamabad. The event started with the recitation of verses from the Holy Quran. It was followed by the address of Dr. Tanvir Afzal, Convener of the Event. He warmly greeted and thanked all the participant teams of various universities. The inaugural session ended with tea and refreshment for all participant teams and faculty members.

shields among the winning teams and certificates to all the participants by the Chief Guest, Mr. Anwar Amjad, Director General (IT) Higher Education Commission. In the end Hi Tea was served to all participants, guests, judges and faculty by the university.



The first half of the event consisted of On-Spot Programming, Software Exhibition, E-Gaming, Photography Idea Discussion and Quiz Competition. Finalist teams were selected in the first half. Participants and faculty was served lunch. All competitions continued after lunch break. In the second half of ExclTe Cup 2014, Mushaira Competition, Quiz Competition and Poster Design Competition also started. Other Competitions continued and moved to their decisive round. The judgement was made in the second half and results were announced in prize distribution ceremony. The ceremony ended with distribution of cash prizes and



Industrial Visit to Binex Solutions

Students of Computer Science Department, Mohammad Ali Jinnah University, Islamabad visited Binex Solutions. This industrial trip was organized and supervised by Ms. Maryam Kausar. There were two sessions, held on October



29 and 30, 2014. In the first session students were told about the basics how the software development team works, the agile development, UNITY 3D and the working difference between IOS & Android. Session 2 at Binex Solutions ends with hopes to bridge the gap between the IT industry and the academic world.

Seminar on Perspectives of Artificial Intelligence

On September 18, 2014 a seminar was organized on "Perspectives of Artificial Intelligence". Dr. Arslan Khan graced the occasion as guest speaker, currently serving as an Associate Professor at Jinnah University for Women, Karachi. He enlightened the students regarding different aspects of AI. He also explained different principles of Artificial Intelligence and emphasized the importance and the role of Artificial Intelligence in our daily life. The event was organized by the team of JSpark and supervised by Dr. Aamer Nadeem and Dr. Tanvir Afzal. At the end, Dr. Aamer Nadeem, Head of Bioinformatics Department presented the souvenir to the honorable guest. The refreshment was served to guest speaker and the organizers.



Industrial Visit to Codebar Startup

Students of Computer Science Department, Mohammad Ali Jinnah University, Islamabad visited Codebar Startup (<http://codebar.pk>) which is a part of Moftak Solutions on December 04, 2014. CodeBar is a part of supply and demand solution for education and training sector. Their

target audience is students, professionals and industry. There was a session about the difference between the industry and academia and how to fill that gap. The session proved to be informative for the students of Computer Science. The event was supervised by Ms. Maryam Kausar.



Seminar on Islamic Perspective of Education

On December 12, 2014 a seminar on Islamic Perspective of Education was organized by Computer Science Department. The event started with the recitation of Verses of Holy Quran. Prof. Dr. Sajid Hussain, International Islamic University, Islamabad was the guest speaker. Dr. Sajid Hussain gave a detailed lecture on Islamic education. In his lecture he elaborated the Importance of Education in the light of Islam,

History of Muslims Domination over the World Due to Education, Present Condition of Muslims Due to Lack of Education, and Allama Iqbal's views on Education. Students took great interest in the lecture which was followed by a productive question answer session. Guest speaker was presented with a souvenir in the end by the Head of Computer Science Department, Dr Nayyer Masood.



Graduate Seminar for MS/PhD Scholars

Faculty of Computing organized two sessions of graduate seminars during Fall 2014. The first seminar was held on October 29, 2014 in which two research scholars from Computer Science and Mathematics Department presented their findings. Mr. Muhammad Imran from CS Department presented his PhD work related to malware classification whereas Mr. Muhammad Bilal from

Mathematics department discussed his work related to radiation and magnetic field effects on nano fluids. The second session was organized on January 15, 2015. Mr. Saqib Nazir from CS department presented his work related to section based content similarity and Mr. Shafiq ur Rehman presented his PhD synopsis study related to model based testing of multi agent systems.

Microsoft Session at M.A.J.U.

On October 02, 2014 a Microsoft Session was organized under the series of HEC & Microsoft Education Alliance. In this session two representatives, Mr. Sheikh Rizwan and Mr. Abdul Wahab, from Microsoft Islamabad came as guest speakers. Mr. Wahab briefed the audience about Tools and Events of Microsoft. Mr. Rizwan explained the Office 365, Imagine Cup, Microsoft Student Partner Program (MSP) & Microsoft Virtual Academy (MVA). Mr. Rizwan gave a lot of motivation to the students for being an MSP and explained the things with inspirational videos. The students got inspired by his talk. The event was supervised by Dr. Tahir Afzal. At the end, Dr. Nayyer Masood, Head of Computer Science Department presented the souvenir to the honorable guests. The lunch was served to guest speakers and the organizers.



MOU Signing Ceremony between M.A.J.U. & ACCA Global

Office of Corporate Linkages arranged MOU signing ceremony between Mohammad Ali Jinnah University, Islamabad and Association of Chartered Accountants of Pakistan (ACCA) on November 12, 2014 at M.A.J.U. Islamabad Campus. The aims & objectives of this MOU were to:

1) Set out the understanding between M.A.J.U. & ACCA without any intention to create legal relations, rather in

the spirit of mutual cooperation.

- 2) M.A.J.U. and ACCA will endeavor to assist and support each other in the functioning of this MOU to mutually benefit each other.
- 3) Awarding scholarships to the M.A.J.U. graduates, undergraduates or alumni, who qualify for exemptions in ACCA in the form of a fee waiver.



Seminar On Voice over Internet Protocol

On October 22, 2014 a seminar was arranged on "Voice over Internet Protocol" by The Department of Computer Science, Mohammad Ali Jinnah University. The Guest speaker was Mr. Aqeel Sattar, lecturer at CISCOM institute. CISCOM Institute offers the courses of short duration like CCNA, CCNP, CCIE, RHCSA, RHCSE etc. Mr. Aqeel explained subnetting the students. He also explained the students that how they can configure a network by themselves. The students were got inspired by his talk. It was a memorable event, organized by Dr. Tanvir Afzal and Dr. Noman Sharif. At the end, Dr. Muhammad Aleem presented the souvenir to the honorable guests. The refreshment was served to all the organizers including guest speakers.



Seminar on Our Universe

Dr. Aamer Nadeem HoD of Bioinformatics delivered the lecture on "Our Universe" on October 22, 2014.



This seminar was conducted in the series of academic lectures held under the supervision of Dr. Sahar Fazal, the society patron of Genix, as a semester activity. The lecture was focused on the concepts related to our universe, its creation and contraction and the heavenly bodies referred as stars within this system. Dr. Aamer enlightened the audience with the deep knowledge of cosmology and explained many phenomena related to our universe including black hole and anti matter, birth and death of stars and theories related to our universe existence. Lecture proved to be quite informative for students.

Seminar on Cottage Industry of Pakistan

A seminar on “Cottage Industries of Pakistan” was organized on October 28, 2014. Prof. Dr. Muhammad Aslam, x-chairman, Department of Entomology PMASAAUR was the guest speaker. The seminar was the part of series of academic lectures and has been organized by Dr. Aamer Nadeem under the umbrella of Genix Society. The lecture of the speaker was focused on research work and detailed discussion was held about prevailing status of unemployment in Pakistan and the world, and cottage industry. It is pertinent to say that people should be encouraged to run cottage industries to earn their livelihood. A cottage industry is a small scale industry that can be carried on by family members using their own equipment and resources. These cottage industries can be run at home and farm levels depending upon the availability of own resources. Approximately 60 students along with faculty members attended the lecture. Dr. Aamer Nadeem, Head of Bioinformatics Department, presented the souvenir to the guest speaker.



One Day Introductory Sessions on Bioinformatics for College Students

Department of Bioinformatics, Mohammad Ali Jinnah University, Islamabad has tradition of organizing one day courses on “Bioinformatics” for students of intermediate level. This certificate course is free of any fee and is under University initiative to promote discipline of bioinformatics in students. In the Fall Semester two sessions were organized,

November 26, 2014 for boys in which 54 students participated from various institutes of Islamabad/ Rawalpindi region. December 3, 2014 was dedicated session for Girls in which 59 students participated. Students expressed keen interest in the developing fields and were happy to know about scope and applications of Bioinformatics.



Seminar on Structural and Biochemical Analysis of Eukaryotic mRNA Degradation

A seminar on “Structural and Biochemical Analysis of Eukaryotic mRNA Degradation” was organized by Bioinformatics Department of Mohammad Ali Jinnah University, Islamabad on October 16, 2014. The guest speaker of this seminar was Dr. Humayun Sharif who shared his achievements during PhD at Max Plank Institute of Biochemistry, Germany. He is also among the pioneer students of Bioinformatics Department in Mohammad Ali Jinnah University. This seminar was conducted in the series of academic lectures held under the supervision of Dr. Sahar Fazal, Genix society as a semester activity. The lecture was focused on research work and detailed discussion was held about mRNA. Approximately 60 students along with faculty members attended the lecture and Dr. Aamir Nadeem, HoD of Bioinformatics presented the speaker with the souvenir.



Welcome Party of Bioinformatics Department

As per the set tradition Genix organized a welcome party for the freshmen of department of Bioinformatics on September 26, 2014. Senior students collaborate to welcome the freshmen and this gathering serves as an ice breaker and start of social interaction between the new students with teachers and seniors. This Fall 2014, the warm welcome was extended to new students and the presence of all faculty members made is great social call with full quorum.

Freshmen were introduced to all faculty members and they exchanged their views with teachers and senior students in the drizzling weather. Lunch was served at the Old Cafe of the campus and every body enjoyed the hot food and good weather. Freshmen and teachers appreciated and thanked patron of Genix Dr. Sahar Fazal and her team of dedicated students for organizing the welcome party which opened doors for them to social life at campus.



Trip to Pakistan Museum of Natural History

A study trip to Pakistan Museum of Natural History (PMNH) was organized by Engr. Zeshan Alam, on December 09, 2014 for Civil Engineering students of Mohammad Ali Jinnah University. The in-charge PMNH briefed the



students about the history of our Pakistan focusing the events of geological formations which affected the living things directly or indirectly. The accompanying faculty members also gave physical demonstration of various aspects of engineering geology and meteorology of rocks available in the museum. Students took keen interest in this explanation and museum visit. Before departure faculty and students thanked the in-charge PMNH for the kind hospitality.

A Mosque Site Visit

A brief site visit of an under construction mosque was held for Civil Engineering students of Mohammad Ali Jinnah University on December 2, 2014 by course instructor Dr. Muhammad Atiq Ur Rehman Tariq, Head of Civil Engineering Department. The purpose of this visit was to educate the students about new construction methods, Structural Concrete Insulated Panel (SCIP-3D) Building system. In this visit, composition of SCIP-3D Panel, its uses and comparison with other Building system were explained. This visit proved to be fruitful for the students.

Visit of under Construction Site

A brief site visit of a structure under construction was organized for Civil Engineering students on December 18, by course instructor Dr. Majid Ali. The purpose of visit was to help students “how to visualize items of civil engineering structures and to show them in civil engineering drawings”. Following items were explained: Finish Floor Level, Finish Ground Level, Natural Surface Level, English Bond in

brick Masonry, Horizontal and Vertical Damp Proof Course, Beam, Column, Horizontal and Vertical Stiffeners and Water Supply Layout on Vertical Walls. All students showed keen interest in understanding the visualization tips.

Visit of VC of Qarshi University, Lahore

Prof. Dr. Zahir Paracha, Vice Chancellor of Qarshi University, Lahore visited M.A.J.U. along with his team on January 13, 2015. Office of Corporate Linkages made arrangements for this visit. Dr. Zahir Paracha was briefed about M.A.J.U. policies and departments. Dr. Paracha admired M.A.J.U. setup and layout. Prof. Dr. Paracha earned his PhD in Electrical Power Engineering from Victoria University Melbourne (Australia); MSc, Total Quality Management, University of the Punjab; did Research Commercialization Program from Melbourne Business School (Australia); Management Communication Graduate Program from Southern Sydney Institute of TAFE (Australia) besides MSc in Electrical Engineering from the University of Wollongong (Australia); and BSc Electrical Engineering from UET, Lahore.

Trip to Tea Research Institute, Mansehra

Department of Bioinformatics arranged a one day study tour to the Tea Research Institute, Mansehra, (KPK), Pakistan, on October 26, 2014. A group of 43 Students from MS & BS Bioinformatics visited Tea Research Institute along with faculty members. Event was supervised and accompanied by Dr. Hamid Rashid, Dr. Muhammadi, Ms. Syeda Marriam Bakhtiar and Head of The Department, Dr. Aamer Nadeem. Mr. Zia ud Din managed the activities. A brief introduction of the history and ongoing activities of Tea Research Institute was given by Dr. Altaf, Head Tea Research Institute, who also briefed about the major research achievements of Tea Research Institute. Students were divided into two groups and various sections of the Tea Research Institute were shown which also included Botanical Garden. Students showed interest in all sections and enjoyed the visit.



Success Stories of Pakistan

Office of Corporate Linkages organized a seminar on "Success Stories of Pakistan" on October 30, 2014 at M.A.J.U., Islamabad Campus. Mr. Zafar Bakhtawari, owner and CEO of D. Watson, Islamabad was kind enough to be the speaker of the event. He shared with the students his optimism and commitment to the entrepreneurs in Pakistan. He shared that entrepreneurs live in the world today and not in the past & future. Mr. Zafar Bakhtawari is a well-known person in public community and he also served as ex-chairman of Islamabad Chambers of Commerce and Industries.



Welcome Party of CS Department

On November 26, 2014 Students from the Department of Computer Science of 2nd semester hosted a welcome party for the students of 1st semester of CS Department under the supervision of Ms. Maryam Kausar. There were different items performed by the students of second semester. Students of first semester, all faculty members and Head of Computer Science Department, Dr. Nayyer Masood, attended and enjoyed the event. At the end, all Faculty members, and the

participants were served with the Hi-Tea.

Workshop on Android Programming

Department of Electronic Engineering, Mohammad Ali Jinnah University successfully conducted a 3-day workshop on Android Programming on April 01 to 03, 2014. 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 and was worth 1 Credit Point. 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. All participants were awarded certificates on successful completion of workshop.



Visit to Railway Carriage Factory

Department of Electronic Engineering, M.A.J.U., 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.

Essay Writing Competition

Engineer's Voice arranged an English Essay Writing Competition to sharpen the writing skills of students of Electronic Engineering, Mohammad Ali Jinnah University Islamabad on October 1, 2014. Students were allowed to participate in the form of groups, so that they could help the writers in brainstorming. Total 34 teams participated in this competition.

Dean Faculty of Engineering, Dr. Amir Qayyum, along with Dr. Imtiaz Ahmed Taj, Head of Electronic Department, distributed certificates and cash prizes to the participants and winners. Dr. Amir Qayyum expressed pleasure for being among the participants of the competition. He praised the efforts of Engineer's Voice for arranging such events that help the students to polish their skills.



Participation in Nukta (PIEAS), 2014

Engineer's Voice primed students to participate in NUKTA, 2014 held on December 5 to 7, 2014. The aim was to provide students with the opportunity to represent their university at a national level. Around 42 orators from various educational institutes took part in the declamation contest. Muhammad Zain and Uzair Tariq of Electronic Department delivered their speeches in the contest. Both the speeches were highly appreciated by the audience. Moreover a team, lead by Sheraz Javaid, also participated in Dramatics competition. The drama was humorous in nature and focused on the problems faced during adult learning process.

Participation in Speech Competition Organized by NAB

Debating Society, Engineer's Voice of Mohammad Ali Jinnah University, Islamabad participated in speech competition organized by National Accountability Bureau Rawalpindi (NAB) on December 8, 2014. 26 universities from all over Pakistan took part in the speech competition. Sheraz Javaid from M.A.J.U., represented the university at national level.

Visit to Pirwadhai Grid Station

With the kind permission of Muhammad Shafi Chohan, Superintendent Engineer GSO, IESCO ISLAMABAD, 60 students from M.A.J.U., 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.



Egg Drop Competition-2014

M. A. Jinnah University, American Society of Mechanical Engineers (ASME) Student Section arranged an “Egg Drop Competition – 2014” on October 22, 2014. Engineer Hassan Shafiq and Mr. Sannan Saqib, President ASME Section, organized this event under the supervision of Assistant Professor Saif Ullah of ME Department. Main objective of organizing his event was to develop problem solving

aptitude and team building skills among the students. From all departments 22 teams enthusiastically participated. Each team consisted of two to three members. Teams were asked to prepare a structure which will land the egg safely from a height of thirty feet using simple principle of free fall. First, second and third prizes were awarded to the winning teams. Executive Vice President, Head of Mechanical Engineering Department and various faculty members also visited the event to encourage the students.



Third Prize Award at Society of Mechanical Engineers of Pakistan AMEC – 2014 Conference

Mr. Mohsin Mukhtar, a graduate student and Dr. Mujtaba Agha, Associate Professor (ME) won third prize for their research paper at ‘Applied Mechanical Engineering Conference’ (AMEC-2014). The title of paper was

“Determining the Optimal Vehicle Mix of Public Transport Service Using Integer Programming”. The conference was organized by Society of Mechanical Engineers of Pakistan and held during November 14-16, 2014 in Lahore.



Green Campus Challenge

To spread awareness among the students towards the risks involved in using energy inefficiently and thus endangering the environment, M. A. Jinnah University, Department of mechanical Engineering, Society for Energy and Environment (M.A.J.U.-SEE) planned a series of events under “Green Campus Challenge”. The first event of this challenge was a presentation competition on “Energy Conservation at M.A.J.U. Campus” which was held on December 3, 2014. Fourteen students from different departments registered for this competition. Each contestant was given five minutes for presentation. The students suggested several solutions and approaches for the conservation of energy at campus. They proposed producing electricity from solar and wind energy at campus. At the end judges compiled the results and Mr. Abdul Baseer Qazi announced winners. Refreshments were arranged for the contestants, organizers and event judges at the end. Later on Dr. M. Sultan Khan, Head of Department, Mechanical Engineering, distributed shields among the winners of the competition and certificates of participation were given to all the contestants.



Seminar on Heating, Ventilating, Air-Conditioning and Refrigeration Systems

American Society for Heating, Refrigerating, and Air-conditioning Engineers (ASHRAE) Student Branch, Department of Mechanical Engineering, organized a seminar on ‘Heating, Ventilating, Air-Conditioning and Refrigeration Systems’ on October 28, 2014 under the



supervision of Assist. Prof. Saif Ullah. A large number of students and faculty members attended the seminar. Mr. Ather gave the presentation on “Role of ASHRAE in Pakistan”. He motivated the students to work with ASHRAE and participate in upcoming ASHRAE events. Mr. Riaz Baig delivered the lecture on “HVACR as a Profession and HVACR Systems”. The ending notes were given by Dr. Amir Qayyum, Dean Faculty of Engineering. Souvenirs were presented to the guests by Dr. Amir Qayyum and Dr. M. Sultan Khan. Mr. Ather Siddiqui presented two plants to the university as a symbol of environmental health and green buildings programs of ASHRAE.

CAD Competition-2014

Computer-aided Design (CAD) is the use of computer systems to assist the creation, modification, analysis and optimization of design. CAD is an important industrial tool extensively used in many applications. To emphasize the importance of CAD, student members of “American Society for Mechanical Engineers (ASME)” organized “CAD Competition-2014” on December 9, 2014 under the supervision of Engr. Saif Ullah. The competition was open to all fulltime students enrolled in M. A. Jinnah University. The organizing team consisted of Sannan Saqib, Muhammad Waleed Chaudhry, Wajid Saeed and Muhammad Usman Rafiqat. Twenty seven students registered for the competition. Engr. Abdul Wahab Butt was the competition judge. Seventeen contestants completed the drawing and were given certificates of participation. Dr. M. Sultan Khan, Head of Department of Mechanical Engineering, distributed

the shields among the winners. Refreshments were arranged for all the participants and organizers at the end of the competition.



Walk More - Drive Less

Department of Mechanical Engineering, M. A. Jinnah University, Society for Energy and Environment (M.A.J.U. SEE) organized an environment conservation campaign titled “Walk More - Drive Less” on December 10, 2014. The campaign attracted an impressive number of students, faculty

and staff members. Every participant was given a token and a lucky draw was held at the end. Dr. Aamer Nadeem, Head of Bioinformatics Department and Mr. Inayat Ullah, Assistant Professor distributed prizes among the lucky winners. The banner was finally displayed in front of the E-Block with a message “Give Leaves to trees by walking!” to advertise that walking is greener than driving.



ME Student Societies Welcome Day-2014

Mechanical Engineering Department arranged “ME Student Societies Welcome Day-2014” for BS, Mechanical Engineering batch 2014 students on December 17, 2014. Mr. Sannan Saqib, President American Society of Mechanical Engineers (ASME) Student Section gave presentation on ASME’s introduction and different activities arranged by ASME. “American Society of Heating, Refrigerating and Air-Conditioning Engineers” (ASHRAE) has a chartered student branch at M. A. Jinnah University Islamabad

Campus. Its president Mobeen Ahmad presented detail of activities and events arranged by ASHRAE student branch. He also gave information on scholarships, ASHRAE offers for students. In his ending note, Dr. M. Sultan Khan, Head of Mechanical Engineering Department appreciated the efforts of organizing team. He encouraged the new students to take part in the activities and competitions arranged by the student societies. The event ended at a Hi-Tea arranged by the university for the new batch students and faculty.



New Induction

S #	Name	Department	Designation	Degree	Institute
1.	Dr. Ahsan Ul Haq	Mathematics	Assistant Professor	PhD	University of York, UK
2.	Dr. Muhammad Imran	Mechanical Engineering	Assistant Professor	PhD	University of Manchester, UK
3.	Dr. Rana Iqtidar Shakoor	Mechanical Engineering	Assistant Professor	PhD	PIEAS, Islamabad
4.	Dr. Ishtiaq Hassan	Civil Engineering	Assistant Professor	PhD	UET, Taxila
5	Dr. Munir Ahmed	Civil Engineering	Assistant Professor	PhD	Asian Institute of Tech, Thailand
6.	Mr. Syed Hassan Shah	Mechanical Engineering	Assistant Professor	MS	University of Delaware, Newark, USA
7.	Mr. Suhail Attar	Mechanical Engineering	Assistant Professor	MS	Hanyang University, Seoul, South Korea
8.	Mr. Saad Ahmed	Electrical Engineering	Assistant Professor	MSc	University of Hertfordshire, London.
9.	Mr. Muhammad Rizwan Haral	Mechanical Engineering	Assistant Professor	MS	PIEAS, Islamabad
10.	Ms. Rabia Habib	Management & Social Sciences	Lecturer	MSc	University of Bedfordshire, UK
11.	Mr. Muhammad Saboor Ahmed	Management & Social Sciences	Lecturer	MS	M.A.J.U. Islamabad
12.	Mr. Fahad Naveed Cheema	Electronic Engineering	Lecturer	MSc	University of Applied Sciences, Hochschule Bremen, Germany
13.	Mr. Kanwal Daud Gill	Computer Science	Lecturer	MS	NUST, Islamabad
14.	Mr. Ansar Javed	Computer Science	Lecturer	MS	NUST, SEECS

Professor Aamer Iqbal Bhatti, EE Department, Produced 10 PhDs

It is a matter of great pride that Prof. Dr. Aamer Iqbal Bhatti, Professor of EE Department M.A.J.U. has produced 10 PhDs in the field of Engineering in a very short time span. The PhD program develop new knowledge, both theoretical and in terms of practical applications. A significant portion of the study program and research is empirically based requiring extensive use of modern laboratories and equipments. Company based case studies are also used extensively.



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- **Hussain S**, Bakhtiar SFK and Khan MH, (2014). A Bayesian Meta-Analysis and Systematic Review on Global and Local Prevalence of Hepatitis B. IJSRM. Volume 3 Issue 12.
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- Khan, M. T., and **Fazal, S.**; “Cyp3a5 polymorphism and the risk of Cancer: a metaanalysis”. 2014. European Scientific Journal. .10, (30). 389-398. ISSN:1857-7881
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(This list includes only a part of total publications due to shortage of space)



