



# Mohammad Ali Jinnah University Islamabad Campus NEWSLETTER



M.A.J.U.



# Table of CONTENTS

2

SPORTS GALA 2015



4

BI WELCOME PARTY



12

ALUMNI REUNION



- |   |  |
|---|--|
| <p>2 6th One Day Workshop on Impact of Bioinformatics</p> <hr/> <p>3 Seminar on High Throughput Sequencing Data Analysis</p> <hr/> <p>4 Bilingual Inter Departmental Speech Competition</p> <hr/> <p>5 Academic Writing Workshop<br/>Seminar on the Role of Female in Eastern Society<br/>Industrial Visit to Micro Finance System</p> <hr/> <p>6 IST Youth Carnival 2015<br/>WWF-Pakistan and International Eco Internship Program</p> <hr/> <p>7 Girls Gala Spring 2015<br/>Seminar on How Straight is a Straight Line<br/>Emerging Programming Competition</p> <hr/> <p>8 Seminar on Mobile Application Penetration Testing<br/>Welcome Party for First Semester Student</p> <hr/> <p>9 Lecture on Problem Solving and Creativity<br/>Paper Plane Flying Competition</p> | <p>10 Training on Accelerated Innovation &amp; Creativity<br/>Panel Discussion on Creating Shared Value<br/>Workshop on Primavera</p> <hr/> <p>11 Seminar on Issues in Islamic Banking in Pakistan<br/>Seminar on Story and Script Writing</p> <hr/> <p>12 Poster and Essay Competition on International DNA Day</p> <hr/> <p>13 Visit to Genetic Resource Center and Laboratory<br/>Seminar on Essence of Spirituality<br/>Blood Camp Spring 2015</p> <hr/> <p>14 Second Workshop on Mathematic<br/>Graduate Seminar CS Department<br/>Seminar on Library and Internet Resources</p> <hr/> <p>15 Meet the Faculty - Prof. Dr. Amir Qayyum</p> <hr/> <p>17 New Inductions<br/>Publications Spring 2015</p> |
|---|--|

## Patron

Prof. Dr. Muhammad Mansoor Ahmed

## Chief Editor

Dr. Naqyer Masood

## Editor

Mrs. Humera Afrab Sheikh

## Members

Dr. Ansir Ali Rajpoot

Ms. Ameena Zafar

Dr. Majid Ali

Mr. Khurram Shahzad

Mr. Abdul Wahab

## Graphic Designer and Photographer

Taaruf Ullah Khaweri

## Sports Gala - 2015

Due to the rapid emergence of computers, mobiles and software-based games in the last few years, young generation has been observed to loose interest in the conventional sports involving physical exertion. These classical sports are not just thought to achieve the physical fitness for the players but also create many useful features in the individual's life. Realizing the significance of sports for students, M.A.J.U. dedicated one week, from 16 to 21 March 2015 to sports only.

More than four hundred male and female students

A number of closely contested and nerve wrecking matches were watched by highly charged student audience who supported their respective departments. All the departments competed with full energy and high class of sportsmanship in these sports. Through these activities the students of M.A.J.U. have shown that they can match their academic excellence with brilliance in sports as well. After tough competitions, the Department of Management Sciences with a total of 9 trophies was declared as overall Champion for 2015.



participated in this Sports Gala. The number of participants this year and their enthusiasm was found more than that of the last year. There were total twenty two inter-departmental competitions in twelve sports including cricket, football, hockey, basketball, volley ball, athletics, badminton, table tennis, squash, lawn tennis, snooker and chess.

The Sports Gala ended with the prize-distribution ceremony on March 21, 2015 at 6:30 pm. The Executive Vice President, Dr. M. Mansoor Ahmad distributed the prizes. He appreciated the huge participation of students in different sports and their enthusiasm and sportsman spirit.

## 6th One Day Workshop on Impact of Bioinformatics in Life Sciences

The Department of Bioinformatics and Biosciences, M.A.J.U. Islamabad organized 6th One Day Workshop on Bioinformatics on May 09, 2015. This is an annual event of the Department and 6th in the series after successfully holding five workshops in past five years. The main objectives of the Workshop were to create awareness of Bioinformatics, and to give basic training in Bioinformatics including hands-on 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 and the University, as being a pioneer in the field of Bioinformatics. This year the focus of the workshop was to discuss various applications of bioinformatics in

life sciences. The Department invited renowned resource persons to deliver lectures in two technical sessions. The inaugural session was chaired by Dr. Muhammad Abdul Qadir, Dean Faculty of Computing. Renowned scholars participated as guest and resource person. 103 participants appeared to attend the event from 23 different institutes including Quaid-i- Azam University, NUST, COMSATS, Hazara University, University of Muzaffarabad, NIBGE, Shaheed Benazir Bhutto University Peshawar, University of Sindh, University of Gujrat, etc. The concluding ceremony was chaired by Dr. Aamer Nadeem, HoD Bioinformatics. Certificates and shields were awarded to the speakers, participants and organizers.



## 2nd Annual Alumni Dinner

Departments of Bioinformatics and Computer Science of Mohammad Ali Jinnah University organized 2nd Annual Alumni Dinner on March 07, 2015 at Islamabad Club under the supervision of Dr. Sahar Fazal and Ms. Maryam Kausar. All members of the Genix society played active role in organizing Alumni Dinner. The function started with the recitation of Holy Quran. Then all the alumni were requested to share their memories and experience at M.A.J.U. The dinner was honored by the presence of Prof. Dr. Abdul Qadir, Dean Faculty of Computing; Dr. Aamer Nadeem, Head of Bioinformatics Department; and Dr. Nayyer Masood, Head of Computer Science Department. There were different items for the enjoyment of the participants. At the end the lavish dinner was enjoyed by all. Honorable Dean, HoD's and

all participants appreciated that well organized party. The event ended with group photo.



## Seminar on High Throughput Sequencing Data Analysis



A seminar was conducted by Genix Society, under the supervision of Dr. Sahar Fazal on April 07, 2015 on the topic of "Transcriptomics Technologies and Computational Tools for Translational Research into Human Biological System". Dr. Kakheshan Hijazi was invited as the resource person. She is working as an Assistant Professor at Research Center for Modeling and Simulation, National University of Sciences and Technology (NUST), Pakistan. She received her Bachelor degree in Bioinformatics from Mohammad Ali Jinnah University, Islamabad, in 2006 and Masters and PhD in Bioinformatics from Boston University, Massachusetts. The seminar was followed by Hi-Tea. Souvenir was presented to the guest speaker by Dr. Aamer Nadeem, the Head of Bioinformatics Department.

## Seminar on Factors Involved in Human Health

Department of Bioinformatics organized seminar on "Factors Involved in Human Health" on April 16, 2015 under supervision of Dr. Sahar Fazal. The guest speaker was Major General (R) Viqar Ahmed Khan, former Commandant Armed Forces Postgraduate Medical Institute, Rawalpindi, Pakistan. Gen. Viqar focused on the objectives of healthy human life for the prosperous future of Pakistan and mentioned the state under norms of hygiene and genetics. The Head of Bioinformatics Department, Dr. Aamer Nadeem and Head of Computer Science Department, Dr. Nayyer Masood presented souvenir to the Gen. Viqar and Hi-Tea was served to the guest speaker and faculty members.



## Welcome Party of BI-Batch 151

Students of batch 143 and Genix Society of Department of Bioinformatics, Mohammad Ali Jinnah University, Islamabad organized a welcome party for the new batch 151. Dr. Aamer Nadeem, Head of Bioinformatics Department, was the chief guest and other faculty members were also present in the party. Party started with the recitation of the Holy Quran. Then there

were many items for the enjoyment of the students. At the end of the party Dr. Aamer Nadeem shared some words with the students and advised them to work hard and appreciated the efforts of all students in organizing this party. He also advised students to continue this tradition. The party ended with lunch for students and all faculty members.



## Bilingual Inter Departmental Speech Competition

Department of Computer Science, M.A. Jinnah University, Islamabad organized a Bilingual Inter Departmental Speech Competition on March 25, 2015 under the supervision of Mrs. Humera Aftab Sheikh. The objective of the competition was to celebrate Pakistan Day. Mr. Syed Asad Mashadi, President Rawalpindi Chamber of Commerce, graced the occasion as Chief Guest. The Chief Guest was received by the Head of Computer Science Department, Dr. Nayyer Masood. Altogether 22 students from different departments participated in the competition.

Through their speeches, students eloquently expressed their patriotism, love and determination to improve their country, Pakistan. Urdu Speech Competition was won by Mr Awais Sarwar Abbasi, Department of Management Sciences; while English Speech Competition was won by Mr. Moiz Akram of Computer Science Department. Cash Prizes and certificates were distributed among First, Second and Thirds position holders by the Chief Guest. Souvenir was presented to Chief Guest by Dr. Nayyer Masood at the end of ceremony.



## Organizational Visit at Elixir Technologies

An organizational visit was arranged for the students of Computer Science Department, M.A. Jinnah University, Islamabad to Elixir Technologies, Islamabad on May 15, 2015 by Mr. Qamar Mahmood. Mr. Abrar Hashmi, the Associate Product Owner at Elixir informed the students about the



basic business process of Elixir technologies, different departments of Elixir technologies and their responsibilities, scrum methodology which is used as software development model at Elixir, the working and routine life of employees at Elixir and provided guideline to students about organizational behavior in IT based organization. Students were taken to different departments of Elixir to visit the work environment. They were also served Hi-Tea. It was really a fruitful activity for the students.

## Academic Writing Workshop

A full day workshop was held for the graduate students of Bioinformatics and Computer Science Department, Mohammad Ali Jinnah University, Islamabad on March 07, 2015. The objective of the workshop was to enhance the academic writing skills of the students. The first half of the workshop focused on basics of English, like grammar, sentence structure etc. While the second half was about writing and format of academic research papers. Two Hi-Teas were served during the workshop. Students found this workshop extremely informative and demanded to frequently have such workshops for the students.

## Seminar on the Role of Female in Eastern Society

A Seminar was held by the Department of Computer Science on April 02, 2015. The topic of Seminar was, "The Role of Female in Eastern Society." The guest speaker of this seminar was Dr. Amira Ehsan. The basic purpose of the seminar was to make the female students aware of their role as a Muslim and as a part of eastern society. Our younger generation is inclined towards adapting western culture and style. There is need to guide them that Islamic culture and values are true values of life which they have to adapt and pass on to their next generation.

## Industrial Visit to Micro Finance Systems

JSpark Society of Computer Science Department, Mohammad Ali Jinnah University, Islamabad organized an industrial visit to Micro Finance Systems (MFSys), Software Technology Park, I-9/3, Islamabad on April 02, 2015. Mr. Qamar Mahmood supervised and organized the trip in coordination with Management of MFSys. Students visited

the premises of organization and different departments, specifically IT department. Company management provided information about products and projects in progress at IT department. They also answered different queries of students related to career in IT and about understanding domain of financial solutions development.

## Participation in ACM Geek Week 2015, FAST Lahore

A team of 13 students of Computer Science Department, Mohammad Ali Jinnah University participated in ACM Geek Week 2015. The event was organized by NUCES FAST, Lahore on April 04 & 05, 2015. Students were accompanied by Mr. Saleem Anwar. The event offered various activities namely Distributed Programming Competition, Dev Fest (Mobile Application Development), IQ Quiz Competition, Poster Design and Arcade Gaming Competition. Mr. Muzammil Riaz managed to bag the first position in Poster Design Competition. Students from M.A. Jinnah University participated in all events with great enthusiasm and also had wonderful experience of collaboration and competition with other participants.



## IST Youth Carnival 2015

Mohammad Ali Jinnah University, Islamabad participated in IST Youth Carnival 2015 held on May 7-9, 2015. A team of various faculty members; Mr. Saleem Anwar, Ms. Humera Aftab, Mr. Umer Adeel, Mr. Bilal Ahmed and JSpark coordinated to select teams and were actively involved in

mentoring, facilitating and monitoring all activities at Campus and Competition venue. More than 1800 participants of 47 Universities from all over Pakistan participated in 60 different events of IST Youth Carnival 2015. 180 positions were declared; Mohammad Ali Jinnah University participated in 35 Events and got position in 13 events, securing Runner up of the event.

## Industrial Visit to Bentley Solutions

Final Year Students of Computer Science Department, Mohammad Ali Jinnah University, Islamabad Campus went to Bentley Solutions for an industrial visit, arranged by Ms. Maryam Kausar. Students came to know there about how the software development team works, the role of software quality people in development of successful tools, projects and products. The panel from Bentley told students that not only people from the field of Computer Science work in the development of products but they have Mechanical Engineers and Civil Engineers as well. They are largely working on products used for contraction sites. All this ended with a question answer session and a tour of the organization.



## WWF-Pakistan and International Eco Internship Program

Society for Energy and Environment (M.A.J.U.-SEE) arranged an introductory session on “WWF-Pakistan and International Eco Internship Program” in collaboration with WWF - Pakistan on March 04, 2015. A three member team headed by Mr. Muhammad Umar, Head IEIP North, WWF-Pakistan gave an interactive session for the faculty and students. Students took keen interest in this session and asked many questions. WWF team presented gifts to the students and faculty members for answering the questions during the interactive session. After the session, Mr. Abdullah Bin Osaf gave a presentation about the activities of Society for Energy and Environment (M.A.J.U.-SEE). In his ending note, Dr. Ishtiaq Hassan thanked the WWF team for a very informative and interactive session. He presented the society souvenirs to

the WWF team members. The event ended with a lucky draw for the audience.



## Orientation Semester Spring-2015

Student Affairs Office organized Orientation for the students of Semester Spring 2015 February 14, 2015. Students were given introduction of their relevant department. Different rules and policies of the university were made clear to them. Introduction to Deans, HoD's and all Faculty members was

a part of the event. They were also taken for a round of the university and different departments to make them familiar with the new place and environment. Hi-Tea was served to them in the end of exciting day. New students really felt comfortable and good in the new environment.



## Girls Gala Spring 2015

Jinnah Girls Forum organized “Girls Gala” on May 20, 2015. A large number of girls from all the departments were present in the event. Different competitions were offered to the female students of all departments. Students keenly participated in modeling, mehndi, bride making, nail art

and singing competition. Students enjoyed this event a lot since it is the only event in which girls performed with full liberty without the presence of male students. This event was organized on the platform of Jinnah Girls Forum under the supervision of Mrs. Dur-e-Shehwar Sagheer.



### Seminar on How Straight is a Straight Line

Jinnah Mathematics Society, under the supervision of Ms. Samina Batool, hosted a seminar titled “How Straight is a Straight Line” on June 03, 2015. It was presented by Dr. Ahsan ul Haq. The talk was aimed at exciting students’ interest in the subject through explaining the role of simple linear equations in geometry of complex 3D objects and motion pictures for example in famous Geri’s Game. It also threw light on mathematics of beauties in nature e.g. flowers, trees and mountains. The talk was very informative and interesting. It was attended by over 100 students from different departments.



### Emerging Programming Competition

Under the supervision of Dr. Muhammad Aleem, JSPark organized an “Emerging Programming Competition” on June 06, 2015. This was an effort to strengthen the programming skills of students and give them a chance to compete their fellow students. Participants were presented with 2 problems which they had to solve in 2 hours. Students were given Visual Studio 2013 IDE and the programming language was C++. The competition was open to all full-time students enrolled in Mohammad Ali Jinnah University currently studying Computer Programming course. Students were judged by the respected judge, Dr. Azhar Iqbal and were awarded with University shields.



## Workshop on Mobile Application Penetration Testing

A workshop on Mobile Application Penetration Testing (MAPT) was arranged by Computer Science Department, Mohammad Ali Jinnah University, Islamabad on April 07, 2015. The guest speaker of this session was Mr. Saqib Shabbir who is serving as a visiting Faculty Member in the Faculty of Computing. The basic purpose of this MAPT was to give the demonstration of the different tools which are used for the testing of the specific malware. At the end refreshment was served to the organizers and to the guest speaker.

## Seminar on Youth of Muslims & Non-Muslims

A seminar entitled “Youth of Muslim and Non-Muslims” was arranged only for girls on March 31, 2015. The seminar was organized by Computer Science Department, M.A.J.U. The Guest speaker was Ms. Yaquba K. Anwar. The purpose of this seminar was to introduce the young students with the challenges associated with the youth of Muslims and of Non-Muslims. At the end of this session all the organizers and guest speaker was served with the Hi-Tea.

## Workshop on 3D Game Development

A workshop entitled “3D Game Development in Unity 3D” was arranged on April 08, 2015 by Computer Science Department, M.A.J.U. Islamabad. The Guest speaker of this

session was Mr. Abid Jamil. His Software Engineering is in progress from Foundation University, Islamabad. He is the Founder and CEO of Soft Desk Solutions. The purpose of this workshop was to give the introduction of the usage of the tool entitled unity 3D in 3D Game Development. At the end of this workshop refreshment was given to all the organizers and to the guest speaker.

## Welcome Party for First Semester Student

A welcome party was arranged for the First Semester students of BSCS & MCS on April 16, 2015. This party was given by the Second Semester CS students. The party was attended by The Head of Computer Department, Dr. Nayyer Masood and all Faculty Members. HoD of CS Department presented the welcome note to the students of First Semester. Students were entertained with different interesting item. Hi- Tea was arranged for all students and Faculty Members. It was a memorable party for all students.



## Workshop on Machine Condition Monitoring

Department of Mechanical Engineering, Muhammad Ali Jinnah University, Islamabad jointly organized a one day Continuing Professional Development (CPD) workshop in collaboration with Pakistan Engineering Council (PEC) on April 22, 2015. This activity was a part of M.A.J.U.'s ongoing efforts to improve the technical knowledge of human resource of Pakistan. The title of the CPD workshop was “Machine Condition Monitoring Using Vibration Analysis”. Dr. Rana Iqtidar Shakoor, who is CAT III Certified Vibration Analyst from Mobius Board of Certification, Australia and has more than fifteen years of experience in machine diagnostic and industrial reliability, was the resource person of this workshop. This one day workshop covered all important aspects of machine condition monitoring including maintenance strategies, basics of vibration and phase analysis and how vibration signatures can be used to diagnose common machine problems. In the end, Prof. Dr. Amir Qayyum, Dean Faculty of Engineering, distributed the certificate among the workshop participants.



## Lecture on Problem Solving and Creativity

M. A. Jinnah University “American Society of Heating, Refrigerating and Air Conditioning Engineers”(ASHRAE) Student Branch organized a lecture on “Problem Solving and Creativity” by Prof. Victor W. Goldschmidt, Ph.D., Professor Emeritus, Purdue University School of Mechanical Engineering, USA in collaboration with ASHRAE Northern Pakistan Chapter on March 5, 2015. Prof. Goldschmidt discussed different problem solving techniques and their pros and cons. He

showed a number of interesting examples of creative thinking used in engineering designs. Dr. Amir Qayyum, Dean Faculty of Engineering, thanked the lecturer and presented a shield to him. After the group photographs lunch was served to the guests and participants. Dr. M. Sultan Khan showed different facilities of mechanical department to the guests. Prof. Goldschmidt appreciated the establishment of state of the art laboratories and other facilities at the department.



## Paper Plane Flying Competition

A competition titled “Paper Plane Flying Competition 2015” was held on April 08, 2015 under the patronage of ‘Science Society’ of Mechanical Engineering Department, supervised by Assistant Professor Mr. Suhail Attar. Fifteen teams from different departments were registered for the competition. Each team comprised of maximum two participants. Team Comprising of two students Naqash Azam and Waqar Younas from Mechanical Engineering Department stood first. Their plane had flight time of 12.56 Seconds. Ayesha Baqai and Taqdees Ashraf of Bioinformatics Department stood second for flight time of 11.78 Seconds. Shields were distributed among the winners. Certificates of Participation were awarded to all the participants.



## Seminar on Traffic Engineering

Civil Engineering Department of Mohammad Ali Jinnah University, Islamabad arranged a seminar on April 01, 2015. The aim of the seminar was to let new civil



engineering students know about one of the important fields of civil engineering i.e. traffic engineering. The guest speaker was Dr. Kamran Ahmed, Assistant Professor, Transportation/Traffic Engineering, Department of Civil and Environmental Engineering Al-Ain, UAE. The topic of his presentation was “An introduction to Traffic Engineering and its Application in Pakistan”. Dr. Kamran made a very well-structured presentation. Dr. Atiq-ur-Rehman, Head of Civil Engineering Department, in his concluding remarks appreciated the presentation and extended vote of thanks to Dr. Kamran. At the end the University souvenir was presented to Dr. Kamran Ahmed by Dr. Ishtiaq Hassan.

## Training on Accelerated Innovation & Creativity

Office of Corporate Linkages organized a 4 hour certified training program on “Accelerated Innovation & Creativity” on May 14, 2015. The training was conducted by Mr. Abid Siddiqi, powered by Vectracom (Pvt) Ltd Karachi. Vectracom provides customized technology solutions in the evolving world of technology and business processes. The objective of the training was to bridge a gap between industry and the academia by providing necessary skills required to progress in today’s professional environment. The 4-hour program comprised of researched and proprietary activities to inculcate creative thinking for the benefit of students. More than 100 students from all departments attended the training program. At the end of workshop all students were delighted and praised the effort done by Office of Corporate Linkages as they learnt useful skills and ideas about innovation & creativity. Each student was awarded certificate as an honor of participation.

## Panel Discussion on Creating Shared Values

Dr. Ansir Ali Rajput participated as a panel discussant on the topic of “Creating Common Values”, organized by AGAHI on March 14, 2015 at Marriot Hotel, Islamabad. The event was attended by more than 30 media professionals of leading Government and Private Channels. The other panelists were, Mrs. Hina Akhtar, Communication & Public Relations

Professional; Mr. Col. (Rtd.) Waheed Hamid, Director Corporate Communication Affairs FFC; Dr. Moeed Pirzada, a Political Commentator; and Mr. Imran Sheikh, Marketing and Corporate Affairs Professional.

## Workshop on Primavera

On May 22, 2015, a Workshop on Primavera was arranged under guidance of Mr. Shabbar Hussain. The Guest Speaker was Mr. Ahmed Ali Qureshi, Assistant Professor at SZABIST. Primavera is Project Management Software used by multinational companies for managing large projects. The students participated in the event with interest and Mr. Ahmed kept them alive with his knowledge. The participants learnt about how to create and monitor a project in the software.



## M.A.J.U. Participates in Express Education & Career Expo 2015

M.A.J.U. Islamabad participated in the two day Express Education & Career Expo 2015, held on May 13-14, 2015 at Pak China Friendship Center. Being the platinum sponsor of this expo, PGC setup a customized booth with wooden floor, hanging lights and a colorful back drop. Representatives of all universities of Rawalpindi & Islamabad participated in Express Education & Career Expo 2015. Office of Corporate Linkages with a team of volunteers, staff and faculty

members participated in the Express Expo. There was a help desk counter for admission queries, university policies, tuition fee and scholarships information. M.A.J.U. students also participated in all expo events like Drama, Singing competition, Declamation Contest, Dance Competition, Painting & Sketching Competition and Fashion Show. A souvenir shield was also awarded to M.A.J.U. Ambassador for active participation in Express Expo.



## Seminar on Issues in Islamic Banking in Pakistan

A seminar was conducted on “Issues in Islamic Banking in Pakistan” in the supervision of Mr. Shujahat Haider Hashmi on June 13, 2015. The guest speaker was Mr. Salman Ali, Regional Islamic Credit Manager, Bank Al-



Falah. He emphasized on the concepts and misconceptions of “interest and ownership”. Participant students took great interest in the talk of speaker and learnt a lot.

## Seminar on Story and Script Writing

A seminar was held on June 02, 2015 on “Story and Script Writing” under the supervision of Mrs. Saeeda Ibrahim,



Department of Management Sciences. The guest speaker was Ms. Fareena Sarmad, Faculty APSACS. Multiple activities were held to provide ample practice of the skills learnt. It was an interactive round, student really gained knowledge.

## M.A.J.U. Students Participated in International Women’s Day Celebrations by RCCI

To celebrate “International Women’s Day”, RCCI (Rawalpindi Chamber of Commerce and Industry) organized a seminar on March 07, 2015, in which some distinguished guest speakers were invited like Senator Najma Hameed, Rida Imran who is the CEO of Hunar Entrepreneurs, an educationist from Roots School System, and others. Female students from different accredited universities

in Islamabad and Rawalpindi were invited to attend the seminar, and those students who were entrepreneurs as well were encouraged to bring their products for display. Four students from Mohammad Ali Jinnah University attended the event, of which three were entrepreneurs who displayed their product line of hand embroidered clothing, accessories made out of dough, designer clothes and perfumes.



## Alumni Reunion - 2015

The Alumni Reunion 2015 was held at M.A.J.U. campus on May 23, 2014. The formal function started with the recitation of verses of the Holy Quran. After recitation, Dr. Ansir Ali Rajput, Associate Dean Corporate



Linkages, M.A.J.U. welcomed all the alumni for showing a good number of presences in the alumni reunion. He also appreciated the efforts made by the organizing team of Alumni Reunion. He encouraged the alumni to actively participate in all the relevant functions and events of the university. While addressing to Alumni, respected EVP expressed his gratitude towards alumni. He was delighted to see the record participation of alumni in the reunion. He appraised the efforts of corporate linkages for organizing such a wonderful evening. He also announced to set up alumni trust and office at campus.

The alumni reunion was entertained by the musical performances of talented M.A.J.U. students. A number of games among alumni, from different departments, were played. The active participation of alumni in dinner showed their interest in such types of alumni gathering. They all

were very happy to meet their old friends and faculty members and shared their life experiences and current job



status.

Dinner was served to all the attendees. The session closed with vote of thanks by Dr. Ansir A. Rajput, who showed his gratitude to the alumni for sparing their precious time to attend this reunion and proving a strong bond of association with M.A.J.U. Islamabad.



## Poster and Essay Competition on International DNA Day

DNA Day is celebrated on April 25 every year. Memorizing International DNA Day, Department of Bioinformatics organized an essay and poster competition under supervision of Dr. Marriam Bakhtiar, other main organizers included members of GENIX, Mr. Zia ud Din and Mr. Shahid Hussain. Essays were judged by Ms. Humera Aftab and Dr. Shoukat Iqbal while posters were evaluated by Dr. Sahar Fazal and Dr. Rumeza Hanif. Prize distribution ceremony was held on 20 May, 2015, where Dr. Rumeza Hanif from Health care Biology, NUST was invited as Chief Guest. She enlightened the students with various applications of DNA in health and diagnosis. Shields were distributed among first, second and third prize winners of both the competitions. Certificates were

distributed among all participants.



## Visit to Genetic Resource Centre and Laboratory

Genetic Resource Center (GRC) was established by Maj. Gen. (R) Suhaib Ahmed, HI (M) in September 2012 to fight against the common genetic disorders in Pakistan. A visit was arranged to GRC by Dr. Marriam Bakhtiar, for the students of Functional Genomics BI 4633, and Cancer Biology. Visit was arranged on May 29, 2015. Maj. Gen. Suhaib welcomed the group and briefed about the history of lab. Various sections of laboratory were visited by students including data entry section, hematology section, prenatal Sampling section where CVS is performed, Real Time PCR Diagnosis and PCR Machines development workshop. Laboratory has state of the art equipment available for accurate and timely diagnosis majorly developed by Maj. Gen. Suhaib himself. Student showed keen interest in all

the equipments and protocols. The visit proved to be very informative for students.



## Seminar on Essence of Spirituality

Department of Bioinformatics organized seminar on “Essence of Spirituality” under supervision of Dr. Sahar Fazal. Guest speaker was Prof. Tariq Siddiqui, Iqra University, Karachi. Prof. Siddiqui is a renowned speaker. He stressed upon the key role of Islamic education at basic level to attain the soulful goals for creation of human life. He also focused on the elements of soul such as Qalb, Jazab, Sadar and Ezan. He concluded the talk with sharing the source of experiential knowledge that starts from the childhood and remains throughout with the life of crown creature. Number of students and faculty members of different departments attended the seminar. Head of Bioinformatics Department, Dr. Aamer Nadeem and Dr. Sahar Fazal awarded souvenir to Prof. Tariq Siddiqui and lunch was served to the guest speaker along with Dean Faculty of Computing, and other faculty members.



## Blood Camp Spring - 2015

Student Affairs Office in collaboration with Jamila Sultana Foundation organized blood camp at campus on April 13, 2015 for Thalassaemia Cause. A large number of



student and faculty members donated the blood in this very Nobel cause. They are very thankful to the students for blood donations and University administration.

## Hockey Team

M.A.J.U. Islamabad Hockey Team participated in the HEC Intersports Session 2014-15 and won the final of the HEC Hockey Championship, Zone C. In the final M.A.J.U. defeated NUST.



## Second Workshop on Mathematic

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 government and private colleges of Rawalpindi on May 9, 2015. Forty two Lecturers, Assistant Professors and Associate Professors participated in this workshop. All of the four PhD faculty members of the Department of Mathematics delivered lectures on different interesting topics of Mathematics. The participants found it a very useful activity. They acknowledged the efforts made by the department of Mathematics of M.A.J.U. for initiating such an academic activity for the professional growth of college professors.



## Graduate Seminar-CS Department

Computer Science Department, M.A.J.U. Islamabad organized 4 sessions of graduate Seminar in Spring 2015 under supervision of Dr. Arshad Islam.

Two talks were presented in first seminar held on March



11, 2015. Topics of the talks were: (i) Impact of Normalization Techniques on Downstream Analysis of Differentially

Expressed Gene Data by Ms. Quratul Ain Siddiqui Dept. of BI (ii) Test Data Generation for Evolutionary Mutation Testing of Object-Oriented Programs by Mr. Bilal Bashir Dept. of CS.

Further, two talks were presented in first seminar held on April 29, 2015 and the topics were: (i) The Use of Distributed Agile Patterns for Improving Offshore Software Development by Ms. Maryam Kausar Dept. of CS (ii) Three dimensional flow of viscoelastic nano-fluid with Newtonian heating By Mr. Farhan Yusaf Dept. of Mathematics.

Two talks were presented in first seminar held on June 4, 2015 and topics were: (i) T World is confused: Let's resolve the confusions!! by Mr. Qamar Mahmood Dept. of CS. (ii) TSchema Extraction of Linked Web Tables by Mr. Kamran Shaukat Dept. of CS.

Two talks were presented in first seminar held on June 17, 2015 and topics were: (i) T Cost and Delay Tradeoff in Smart Grids by Mr.Daud Minhas, Dept. of EE (ii) Product Reputation Evaluation Based on Social Networks using Multi-Agent System By Mr.Umar Farooq Department of CS.

## Seminar on Library and Internet Resources

Department of Computer Science M.A. Jinnah University, Islamabad organized a seminar on "Library and Internet Resources" on March 04, 2015 under supervision of Mrs. Humera Aftab Sheikh. This seminar was meant for the students of Communication Skills. The resource person of this seminar was Librarian, M.A.J.U. Mr. Nasir Abbasi. He delivered an effective talk to the students. He informed them about present status of variety of books available at the library of M.A.J.U. Islamabad Campus. He guided them how they can access and check availability of books(research papers articles & other reference quarries ) online and how they can search a book in no time in the library. Apart from great number of hard copies of books available in the university library, students can also access soft copies of more than 90,000 books online. Mr.

Nasir Abbasi satisfied all queries of the students. More than 150 students attended the seminar and showed keen interest in the discussion. The session proved to be interactive and fruitful for the students.



## Prof. Dr. Amir Qayyum

Dean Faculty of Engineering

Dr. Amir Qayyum, Dean Faculty of Engineering, M.A.J.U. Islamabad is graduate Electrical Engineer from UET, Lahore. He has done his MS in Computer Engineering from E.S.I.M, France and PhD. in Mobile Wireless Networks from University of Paris-Sud, France. He is the Project Director of many funded R&D projects. He has multiple publications and co-author of an RFC in IETF about mobile ad hoc networks; vast teaching experience at Masters and PhD level, including professional trainings, seminars and conferences in the area of networking; also supervising many PhD students in their research; multi-cultural personality with understanding of many languages and having done extensive tourism all around the world.

**Q1. We would like to know about your academic and professional achievements?**

Basically I am an Electrical Engineer from UET Lahore.



## MEET THE FACULTY

After that I worked in KRL for about three years. Then I went to France on S&T scholarship where I did my Masters in Computer Engineering. Then I got the scholarship from INRIA which is a renowned research institute in France, and I did my M. Phil and PhD in Wireless Networks. After returning to Pakistan, I started with Enabling Technologies, and then CARE (Center for Advanced Research in Engineering). I am one of the founding members of CARE & CASE (Center for Advanced Studies in Engineering) Islamabad. I joined M.A.J.U. Islamabad in 2007 and since then I am here.

**Q2. You have long been here in M.A.J.U.; do you see any difference from then to now?**

I came here in 2007 when it was a small university building in Blue Area. Now I can see it as a full university campus with a tremendous growth in faculties and departments and significant growth of students, along with excellent academic & extracurricular activities.

**Q3. There might be some other field that you could have chosen for yourself, but why did you choose the field of education?**

I feel that education is the best way in which I can contribute to the society, as per my expertise. I feel internally satisfied when I talk to students and interact with them. I always take this as an opportunity to convey what I have learnt in my life. I'm a born learner; I often say that if people have not

*“I feel that education is the best way in which I can contribute to the society, as per my expertise”*

stopped teaching then I won't stop learning. For me, teaching is a passion of learning and then imparting and then learning again to contribute better, and this cycle continues.

***Q4. What is more interesting for you, sitting in the office or giving lectures in the class?***

I feel more comfortable with my students, when I am with them, enjoying and sharing knowledge. For the office, you will hardly find me in one office, as I am most of the time running between the three departments, which makes me fit also. Rather than calling anyone in my office I prefer to go to them and look how they are working, as one of my mentors advised.

***Q5. Who has been greatest influence on your life? What did you learn from that person?***

My science teacher, Sir Abbasi, at school was a role model for me. He was a very humble and noble person. Through insightful lessons and Iqbal's poetry, he taught me more of life rather than science only, which later on helped me get interested towards science too. He taught me how to live and how to face challenges with courage. Later on, I found another mentor, a medical professor, who taught me Quran. He inspired me with a vision and the motivation to see beyond our usual sight.

***Q6. How many PhD's have you produced so far? Tell us about your major research area as well.***

My research area is mobile wireless network. I am a co-author of one of the international standards, RFC3626



that was my PhD thesis; later on it was standardized as a routing protocol for mobile ad hoc networks. I am carrying out many research projects in this area, funded by national

and international agencies. Many students started PhDs with me, and I was able to place them in different international schools through international collaborations. Apart from



these, 2 students have already completed and 3 are at the last stage of their PhD with me.

***Q7. What is the difference between the student of your time and the student of today?***

In our age, as compared to this generation, we were less excited, had less knowledge about certain things, but we were more focused. The teachers in our school days were not only enthusiastic about pouring the science and mathematics in our brains, but they were more motivated to make us hardworking, honest and a person with integrity and dignity. In today's world, I can see that the students are very excited; they have access to all the information but I feel that they are less focused as they don't know what to do, or why to do anything. They have a huge potential like a missile, but they have no direction; they can go a long way if they are rightly guided.

***Q8. What message would you like to give to the students?***

I suggest them to explore themselves, as they have a huge potential. Our country's destiny can be changed if our youth understands and explores themselves. Not Science, not Mathematics, not Computers, not these rocks and metals, but the best way is to first identify our own self. I advise them to try to understand the "why" of everything in their lives and the things happening around. Everyone has a different potential: of a teacher, or a player, a scientist, an engineer, a writer, a poet or anything; so explore your potential to fully utilize it.

## New Inductions

S.#	Name	Department	Designation	Degree	Institute
1	Dr. Saif ur Rehman	Mechanical Engineering	Professor/ HoD	PhD Petroleum Engineering	Texas A&M University, College Station, Texas
2	Dr. Liaquat Ali Khan	Mechanical Engineering	Associate Professor	PhD Mechanical Engineering	UET, Taxila
3	Dr. Shaukat Iqbal Malik	Department of Bioinformatics	Associate Professor	2 Postdoctoral	1. RTP, NC, USA 2. University of North Carolina Hill, NC, USA
4	Dr. Muhammad Muhabat Khan	Mechanical Engineering	Assistant Professor	PhD	University of EcoleCentrale de Lyon, France
5	Dr. Saira Ahmed	Department of Management and Social Sciences	Assistant Professor	PhD Economics	IMT, Institute for Advance Studies, Italy
6	Dr. Junaid Ahmed	Department of Management and Social Sciences	Assistant Professor	PhD Economics	Georg August UniGottigen, Germany
7	Dr. Shariq Bashir	Department of Computer Science	Assistant Professor	PhD Computer Science	Viana University of Technology, Austria
8	Mr. Shahwar Yaseen	Mechanical Engineering	Lecturer	MS Robotics & Intelligent Machine Engineering	SMME, NUST
9	Mr. Muhammad Usman Farooqi	Civil Engineering	Lecturer	MSc Civil Engineering	U.E.T. Taxila
10	Mr. Rashid Farooq	Civil Engineering	Lecturer	MSc Water Resources & Irrigation	U.E.T. Taxila
11	Mr. Adeel Faisal	Civil Engineering	Lecturer	MSc Civil Engineering Structures	U.E.T. Taxila
12	Hafiz Muhammad Adnan	Department of Management and Social Sciences	Lecturer	MBA HR	Virtual University, Islamabad
13	Mr. Zia ul Islam	Department of Management and Social Sciences	Lecturer	MS Accounting & Finance	Durham University, UK
14	Mr. Shabbar Hussain	Department of Management and Social Sciences	Lecturer	MS HRM	M.A.J.U. Islamabad
15	Mr. Muhammad Umer Toor	Department of Management and Social Sciences	Lecturer	MS Marketing	M.A.J.U. Islamabad

## PUBLICATIONS SPRING-2015

- S. U. Rehman, **A. Nadeem**, "An Approach to Model Based Testing of Multiagent Systems," The Scientific World Journal, vol. 2015, Article ID 925206, doi:10.1155/2015/925206, 2015.
- Khan, M. T., **Fazal, S.**, Rehman, A. U., & Zeb, T. (2015), "Interleukin 10 (IL-10) promoter-1082 A> G polymorphism and risk of cancer: Meta-analysis. *Advancements in Life Sciences*", 2(2), 67-73.
- Amjad Ali, Anam Naz, Siomar C Soares, **Bakhtiar SM** Sandeep T, Hassan S, Hanan F, Ramos R, Pereira U, Barh D, Figueiredo HP, Ussery DW, Miyoshi A, Silva A Vasco Azevedo,



- “Pangenome Analysis of Human Gastric Pathogen *H. pylori*: Comparative Genomics and Pathogenomics Approaches to Identify Regions Associated with Pathogenicity and Prediction of Potential Core Therapeutic Targets”. **Biomed Res Int.** 2015; 2015:139580. DOI: 10.1155/2015/139580.
4. Amjad Ali, **Syeda Marriam Bakhtiar and Vasco Azevedo** “Autism Spectrum Disorders (ASD): From Diagnosis to Management (invited article)”. *J Mol Genet Med.* 2015. 9:154. doi: 10.4172/1747-0862.1000154
5. **Khan MH**, Khalil A, H Rashid. 2015, “Evaluation of the p53 Arg72Pro polymorphism and its association with cancer risk: a HuGE review and meta-analysis”. *Genet Res.* 97: e7. doi:10.1017/S0016672315000075. (IF = 2.2).
6. Tariq AU, **Khan MH**, Hussain S, Bano R, Navid A. 2015, “In Silico Characterization of Genetic Alterations Associated with Mal De Meleda”. *IJSBAR.* 19(2): 65-76.
7. Khan, Muhammad Saad, and **Sahar Fazal**, “Advanced Modelling and Functional Characterization of B2 Bradykinin Receptor”. *INT. J. BIOAUTOMATION*, 2015, 19(2), 123-134
8. M Haseeb, **S Fazal**, F Khattak, “Molecular Homology Modeling & Docking Studies to Predict the 3D Structure and Drugdetermination for HBV Core of Hepatitis B”. *Journal of*

Chemical and Pharmaceutical Research 7 (5), 1136-1146

9. **I. Hassan, A. R. Ghumman.**, “Application of Civil Engineering Software for Downscaling GCM Results”. *International Invention Journal of Engineering Science and Technology* Volume 2, Pages 1-9, 2015.
10. Qamar F., **Ali M.**, “Modification of traditional supporting steelwork system for non-standard structures”. *Engineering Structures (Impact factor 1.767)* Volume 96, Pages: 153-159, 2015.
11. Maryum Nisar, Nighat Noureena, **Sahar Fazal, Muhammad Abdul Qadir**, “MCaVoH: A toolkit for mining, classification and visualization of human microbiota”. *Journal of Microbiological Methods*, Volume 117, October 2015, Pages 28–35, DOI <http://dx.doi.org/10.1016/j.mimet.2015.07.015>
12. Mohammad Imran, **Muhammad Tanvir Afzal, Muhammad Abdul Qadir**, “Using Hidden Markov Model for Dynamic Malware Analysis: First Impressions”, accepted in ICNC-FSKD’15, 12th International Conference on Fuzzy Systems and Knowledge Discovery, Zhangjiajie, China, 15-17 August 2015.

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

## STUDENTS' CORNER



اس کے غم کی شکایتیں کیسی  
کو کب تو اب حکایتیں کیسی  
حمد رب ہو تو کھل کے بات کرو  
رمز حق میں قنایتیں کیسی  
نا امید سی نا امید ہی ہے  
بیٹے کل کی روایتیں کیسی  
قلب و جاں اس کو بچ آیا ہوں  
دل کی مد میں کفایتیں کیسی  
آج سورج کہاں سے نکلا ہے  
تیری مجھ پر عنایتیں کیسی  
تم پہ ہم مرے رضا ورنہ  
کیسی الفت محبتیں کیسی

سیدصائم رضا

## PRAYER

Oh GOD!  
Where we are?  
Please hear;  
It's my prayer.

When the dawn begins with cry  
When the sun sets dry  
When the darkness of night spread all over  
When the moon trickles its tear  
When the sadness looks sneer  
When the sorrowness sees jeer  
When hope is going to die  
With trembling hands; wretching eyes  
I plead to GOD; make it stop

When flood ruins our sights  
When strom gets its rise  
When patience lost its eyes  
When unity gets fright  
When nothing is going right  
When stars shy to shine  
When everyone is just crying  
With trembling hands; wretching eyes  
I plead to GOD; make it stop

When people loose their temper  
When revenge smiles with anger  
When everyone is going to fight  
When blood reaches its height  
With trembling hands & wretching eyes  
I plead to GOD; make it stop  
Please hear; it's my prayer.

Danish Iftikhar Awan



## Three Days CPD Workshop on Modeling, Simulation and Implementation of Digital Design using FPGA

Department of Electrical Engineering at Mohammad Ali Jinnah University successfully conducted a three days workshop on Modeling, Simulation and Implementation of Digital Design using FPGA on May 06-08, 2015. Mr. M. Tahir Awan, Mr. Zeeshan Baig, Muhammad Atif and Mr. Umer Adeel 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 50 participants attended the workshop. Participants got hands-on training of Modeling and digital design using Digilent FPGA development kits. Participants were also trained on how to install, operate and use software development packages like Modelsim and Xilinx ISE for Verilog Programming. Workshop covered introduction of digital design, FPGA architecture, Verilog HDL Programming language, ModelSim and Xilinx ISE

Software tools for digital design. Using design and simulation



software tools digital design flow was explained for Xilinx FPGA architecture. Finite state machines (FSM's) and their applications in digital design was also covered. CPD Certificates were awarded to all participants at the end of workshop.

## Three Days Hands-on Workshop on DSP using Texas Instrument DSKC6713 DSP Kit

Department of Electrical Engineering, Mohammad Ali Jinnah University successfully conducted a three days workshop on DSP using Texas Instrument DSKC6713 DSP Kit on June 02 – 04, 2015. Mr. M. Tahir Awan, Mr. Zeeshan Baig and Mr. Sannan Farooq 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 20 participants attended the workshop. Participants got hands-on training of programming and simulation of DSK6713 DSP kit. Participants were also trained on how to install, operate and use software development packages like Code Composer Studio for DSP kit Programming, in their respective environments and colleges. Every lecture session was followed by a lab session in which

participants got hands on experience with software tools like code composer studio, and use DSK6713 DSP kit to design and evaluate DSP algorithms. CPD Certificates were awarded to all participants at the end of workshop.



### IHS First Aid Workshop

Crescendo Daneshkada organized a Workshop on 'First Aid Skills' on June 09, 2015, for the students of Mohammad Ali Jinnah University, Islamabad. Mrs. Ameena Zafar, the patron of Crescendo, welcomed the resource persons, Dr. Rubab Jamal, Dr. Farooq Nawaz, Mr. Waqar Malik and Mr. Haroon Pervaiz from Integrated Health Services Pakistan. They gave lectures and demonstrations on the basic first aid skills. It is hoped that through this basic workshop the students of M.A.J.U. will be able to use the basic first aid skills needed to save a life in any emergency in the future.



### Cultural Day Celebrations

In the spirit of our national identity, Crescendo Hunerkada & Daneshkada organized a Cultural Day on June 04, 2015, for the students of Mohammad Ali Jinnah University Islamabad in the supervision of Mrs. Ameena Zafar, the patron of Crescendo. The students dressed up in their provincial dresses and enjoyed an informal modeling session of fun and games in the hall. Students recited poetry, performed their regional dances and sang songs. This event was organized to establish our true Pakistani identity in this time of adverse Western influences on our culture.



# NEWS IN PICTURES





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