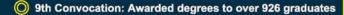
Volume-V, No.1



### NEWSLETTE

Mohammad Ali Jinnah University Islamabad Campus

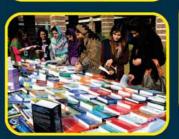
# 



- 9th IEEE ICET 2013 Conference held at Islamabad
- M.A.J.U. won ExcITe Cup 2013
- More than 150 M.A.J.U. students got job offers at Jinnah Employment Expo 2013
- Entrepreneurial Marketing Gala
- Peace Walk 2013













## CONTENTS I

3

9th Convocation



5

9th IEEE IGET Conference





Jinnah Employment Expoo 2013



- M.A.J.U.'s BoG Meeting Held in Islamabad
- 4 ExcITe Cup-2013
- 7 Bioinformatics Awareness Program
  Treasure Hunt
- HRM in Present World
  Operational Management for Competitive Advantage
- 9 Seminar on Project Management
  Recruitment Test Conducted by Elixir Technologies
- 10 Entrepreneurial Marketing Gala
- Distinction of Dr. Amer Farhan Rafique
  VisioSpark COMSATS
- ASHARE M.A.J.U. Student Branch Annual Meeting 2013
  Distinction of Dr. M.S. Khan

- Oath Taking Ceremony of Chair IEEE Student Branch
  3rd IEEE Jinnah Robotics Competition
- 3rd IEEE Robotics Workshop
  NEW INDUCTION
- Prof. Wolf Tilo Balke Visits M.A.J.U.

  DJuice Opportunity Program
- Google Strategic Partnership Head Visits M.A.J.U.
  TECH-HUNT- 2013
- Participation in TECTIQUS 1
  RTSRV Wins Position in GIKI NEO-14 1
- 18 Meet the Faculty
- 19 Pakistan Sweet Homes
- 20 Publications Fall 2013

### Patron

Prof. Dr. Muhammad Mansoor Ahmed

### Editor

Dr. Nayyer Masood Dar

### Members

Mrs. Humera Aftab Sheikh Dr. Muhammad Tanvir Afzal Ms. Maria Mashkoor

Mr. Mubashar Ejaz Ahmed (Late)

Mr. Abdul Wahab

Ms. Saleha Nadeem

Graphic Designer and Photographer

Taaruf Ullah Khaweri

### Congratulations

### MAJU Categorized by HEC In the Highest Category

The Higher Education Commission (HEC) of Pakistan has awarded "W-4" category to Mohammad Ali Jinnah University, Islamabad which is considered the highest category among Universities in Private Sector.



"W4" category is awarded to only those universities who have improved their criteria over time and have far superior academic, financial, and physical infrastructure. MAJU is awarded top ranked four star category which is now the highest rating.

### M.A.J.U.'s BoG Meeting Held in Islamabad

The 5th Meeting of Board of Governors (BoG) of Muhammad Ali Jinnah University was held on November 27, 2013 in Marriott Hotel, Islamabad. Mian Amer Mehmood, Chancellor of the University presided over the meeting. The

domains, a graduate program has been started. It was reported to the BoG that M.A.J.U. is performance driven educational institution which believes in high performance quality education. It aims to produce educational professionals in



BoG approved annual budget for the fiscal year 2013-14 for Muhammad Ali Jinnah University, Karachi and its Islamabad Campus. Prof. Dr. Mansoor Ahmed, EVP gave detailed presentation on the academic activities of M.A.J.U. Karachi and Islamabad Campus. He apprised the BoG that department of Mechanical Engineering at Islamabad Campus, though in its infancy stage, but yet it is progressing satisfactorily to meet its envisaged targets. The BoG also approved to start Civil Engineering at Islambad Campus from Fall-2014.

Management

both are considered as core

discipline having wide application

in engineering and management sciences. In

order to develop appropriate expertise in these

He also informed the BoG that the Mathematics and

Engineering

order to enable them to venture a new phase in the Economics Development of the country. This has become possible due to the proactive contribution and hard work of qualified faculty. It is a matter of pride and honor that with the short time span, M.A.J.U. has produced 35 PhDs

and 1009 MS Scholars in the fields

of Management Sciences,

Engineering,



The members of the BOG paid great tribute to Dr. M. Mansoor Ahmed, EVP for excellent presentation. The members also highly appreciated the performance of M.A.J.U., and hoped that the University will continue to maintain high standards of higher education in the field of teaching and research.

e 2 M.A.J.U.

### 9th Convocation-2013

Mohammad Ali Jinnah University, Islamabad Campus held its 9th Convocation Ceremony on November 28, 2013. The Chief Guest of this special day was Dr. Samar Mubarakmand, renowned nuclear physicist and winner of Sitara-e- Imtiaz, Hilal-e-Imtiaz and Nishan-e-Imtiaz. The occasion was also graced by The Chancellor of Mohammad Ali Jinnah University, Mian Amer Mahmood; President Karachi Campus, Prof. Dr. Abdul Wahab; and Executive Vice Chancellor, Islamabad Campus Prof. Dr. Muhammad Mansoor Ahmed. Graduates of Management & Social Sciences, Computer Science, Bioinformatics and Electronic Engineering received their degrees. Altogether 9 graduates from four departments had the honour to earn their PhD degrees. This year 26 students of M.A.J.U. secured Gold Medals, 20 students secured Silver Medal and able to secure Bronze Medal on the basis of their excellent academic performance. Quaid-eAbdul Qadir; and Dean Faculty of Engineering, Dr. Amir Qayyum presented their candidates to The Chancellor. On the recommendation of Deans, The Chancellor conferred upon them their relevant degrees. Afterwards, The Chief Guest, Dr. Samar Mubarakmand awarded degrees to the successful candidates of PhD and to the academic excellence award winners. In his address to the students, The Chief Guest congratulated the degree holders and their parents. He said that the students are promise of bright future of Pakistan. He emphasized on the importance of exploiting natural resources and underground deposits of Pakistan by our engineers to establish our nation as a strong one and to move forward. The Chief Guest was presented the university crest by The Chancellor.

The Chancellor, Mian Amer Mahmood awarded degrees to the rest of the graduates of Management & Social Sciences, Computer



Azam scholarship was awarded to Mr. Khurram Ellahi Khan, Masters of Management and Social Sciences, for his outstanding performance in academics and co-curricular activities.

Convocation was opened with the kind permission of The Chancellor, Mian Amer Mahmood. The function started with the recitation and translation of verses of the Holy Quraan. It was followed by the welcome address of EVP, Prof. Dr. Muhammad Mansoor Ahmed. In his address he congratulated the degree holders and their parents. He appreciated their hard work and hoped that they would serve industry of Pakistan and they would become dedicated and committed professionals. He also thanked the Chief Guest and The Chancellor for gracing the occasion and that they had always been a source of inspiration and encouragement for the students and for the faculty of M.A.J.U. as well.

Dean Faculty of Management Sciences, Dr. Arshad Hassan; Dean Faculty of Computing, Dr.

Science, **Bioinformatics** and Electronic Engineering. On request of the E.V.P. M.A.J.U., The Chancellor declared the convocation closed. At the end of the ceremony, Dr Abdul Wahab, The President M.A.J.U. Karachi Campus addressed the audience. He started off by commending the discipline and punctuality that was evident throughout the ceremony. He said that students should be thankful to Almighty Allah for blessing them the opportunity to get university degrees. They should also be grateful to their parents who supported them financially and spiritually. He appreciated the efforts of The Chancellor for promoting higher education in private sector. Moreover, he highlighted the efforts of E.V.P. Dr. Muhammad Mansoor Ahmed for making M.A.J.U., Islamabad Campus a model institution of the town. At the end a lavish lunch was arranged by the university for the students, guests and the faculty. It became a memorable day for students, their parents and for faculty as well.

### ExcITe Cup-2013

Department of Computer Science, Mohammad Ali Jinnah University, Islamabad organized ExcITe Cup on December 20, 2013. The event offered seven competitions, including: Google DevFest (organized by google GDG), Software Project Exhibition, E-Gaming Competition, Mushaira Competition, Photography Competition, Quiz and Poster Design Competition. All competitions offered an opportunity to students to exhibit their skills and prove their metal. Around 50 teams from different universities of Pakistan registered for different competitions. Cash prizes, shields, and certificates were awarded to the winning teams. The event got coverage by renowned national TV channels of Pakistan.

The exciting and thrilling competition was inaugurated by Prof. 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. He conveyed the objective of that event and also thanked university management for assistance and financial grant to conduct such an event. Later, Prof. Dr. Abdul Qadir addressed the participants. He warmly welcomed all the guest teams to that challenging activity which provided them an opportunity to prove their worth. He appreciated Dr. Tanvir Afzal, and Dr. Nayyer Masood Dar, Head of Computer Science Department, who put the best effort to make the

the Jumma Prayer and lunch break. In the second half of ExcITe Cup 2013, Mushaira Competition, Quiz Competition, and Poster Design Competition also started. The other Competitions continued and moved to their decisive round. The judgment was made in the second half and results were announced in prize distribution ceremony.

The closing ceremony started with the recitation of verses of the Holy Quran. The Convener of the event, Dr. Tanvir Afzal, presented the summary of the event which was followed by the address of The Guest of Honor, Mr. Muhammad Farrukh Mahmood, COO, MOFTAK, Islamabad. He expressed his pleasure on being among youth. He appreciated the teams of all competitions and especially commended the efforts of those students who expressed their talents through their projects. In the end, he congratulated the winner in advance. Later Dr. Nayyer Masood Dar gave vote of thanks to the Executive Vice President, Mohammad Ali Jinnah University, whose constant support enabled the faculty to organize exciting and colorful event. He also valued the wholehearted and dedicated efforts of the faculty members of Computer Science Department who made this event a success. He conveyed special thanks to Dr. Tanvir Afzal, the convener of the event, for organizing all competitions. He also appreciated the students of M.A.J.U. who played an active role along with faculty from preparation to smooth conduct of all competitions. He thanked judges for sparing time



event an exciting, thrilling and successful one. The inaugural session ended with Hi Tea for all participant teams and faculty members.

The first half of the event consisted of Google DevFest, Software Exhibition, E-Gaming, and Photography Idea discussion. Finalist teams were selected in the first half. Participants and faculty was served lunch. All competitions continued after

and fair judgment. He hoped that ExcITe Cup 2013 will become a bench mark for other universities. The ceremony ended with distribution of cash prizes and shields among the winning teams and certificates to all the participants by The Guest of Honor. In the end Hi Tea was served to all participants, guests, judges and faculty by the university.

### **International Conference on Emerging Technologies-2013**



International Conference on **Emerging** Technologies, 2013 was organized by Mohammad Ali Jinnah University, Islamabad collaboration with IEEE Islamabad Section on December 09 and 10, 2013. This conference speaks volume about the long lasting commitment of the University with the promotion of the cause of both curiosity driven and applied research. The University believes that holding such conferences lead to dissemination of state of the art advances in modern day science and engineering. The conference provided a platform to the cream of scientists and engineers in the country to gather under one roof and present and discuss their latest discoveries in friendly and congenial environment.

The call for paper led to more than 202 submissions, both from the country and abroad. Under the able leadership of Prof. Dr. Imtiaz Ahmed Taj, HoD Electronic Engineering Deptt., and his associate Mr. Tahir Awan, The Technical Program Committee (TPC) undertook the double blind review process and selected only 68 papers. The acceptance ratio comes out to be 33%.

The conference program contained a variety of technical sessions including Signal Processing, Electromagnetic, Control Systems, Telecommunication, Bioinformatics,

Biotechnology, Computer Networks, Automation, Artificial Intelligence, Image & Video, Processing, Computer Vision and Semantic & Distributed Computing. A total of 56 authors presented their papers during 12 technical sessions spreading over 2 days.

The program included Keynote Speeches from Dr. Wolf-Tilo Balke and Dr. Boualem Boashash on the topics of 'Human-Centered Information Systems & Query Processing' and 'Time-Frequency Methods for Non-Stationary Data' respectively. Three tutorials were also arranged for the participants of this conference. Dr. Saad Naeem Zafar gave a tutorial on 'Using e-Portfolios for Deepening Learning & Qualitative Assessment of Students' Learning Experience', Dr. Hammad Mahmood Cheema presented a tutorial on 'Inkjet Printed RF Electronics' and Dr. Syed Ali Khayyam talked about 'SDN Gone Wild' in his tutorial.

The organization of such a high quality conference was a mammoth task by itself. This involved highly synchronized effort of several teams. The conference General Chair, Prof. Dr. Aamer Iqbal Bhatti in his closing remarks thanked Prof. Dr. Mohammad Mansoor Ahmed, Dr. Amir Qayyum, Dr. Nayyer Masood, Dr. Noor M. Khan, Dr. Aamer Nadeem, Dr. Sajjad Hussain and Mr. Omar Anwar for their monumental contribution in holding this conference.



### M.A.J.U. Holds Jinnah Employment Expo-2013

Mohammad Ali Jinnah University holds Jinnah Employment Expo on Monday, December 16, 2013 at university premises. The event was arranged by the department of Corporate Linkages with an objective to facilitate the students to get better jobs and internships in the industry. Besides, the objective was also to bridge the gap between industry and academia and to support companies in the private and public sectors.

The event was inaugurated by Dr. Inam-Ul-Haq, SeniorExecutive, RawalpindiChamberofCommerce & Industry. Prof. Dr. Muhammad Mansoor Ahmed, The Executive Vice President of M.A.J.U., Dr. Ansir Ali Rajput, Associate Dean Corporate Linkages, alumni and potential employers were also present on the occasion. Dr. Inam-Ul-Haq appreciated the efforts made by the University to provide job opportunity to its students through Employment Expo. He said The Internship and Employment Expo is a great resource for students who want to find a career with a faith-based employer.

More than 50 leading companies including telecom, services, manufacturing, NGO's and Banking sectors participated in the Expo. Some of the renowned employers participated in the expo were, UNDP, IOM, PTCL, HASHOO FOUNDATION, SNL FINANCIAL, WITRIBE, HUMAN APPEAL FOUNDATION, MUSLIM AID, TELEBRIDGE COMMUNICATIONS, TOUCHSTONE, UBL, ELIXIER TECHNOLOGIES etc.

200+ internships were provided by the employers. These jobs and internships were offered after detailed interviews.

While visiting the stalls set up by various employers in the Employment Expo, Dr. Mansoor appreciated and applauded the participants for such an active participation in the Expo and making it a successful one. He said, we hope that all the students and graduates of M.A.J.U. had a good and memorable experience today. He further said that in the present scenario when one of the major crises of the world is job inflation, keeping this in mind, M.A.J.U. opened its door to opportunities for its students here by organizing Jinnah Employment Expo-2013.

During the Expo, students were able to speak to potential employers and ask questions about employment requirements. Employers passed out brochures and business cards to students.

JEE 2013 was coupled with a book fair comprised of 5 different companies including National Book Foundation, Pak Books, Saeed Books, Allied Books and Jinnah Books. The Book Fair was inaugurated by the honorable Executive Vice President of Mohammad Ali Jinnah University. The Book Fair covered a large variety of books including all major disciplines like Engineering, Computer Sciences, and Management Sciences. The Book Fair received over-whelming response from the faculty and students.



Moreover, the employers conducted on-spot interviews and shortlisted the candidates as per their requirements. 150+ jobs were offered and

Information desks of different organizations including ACCA Global, RCCI and IWCCI were also part of JEE 2013.

### **Bioinformatics Awareness Program**

Department of **Bioinformatics** arranged "Bioinformatics Awareness Program" on December 11, 2013 to provide career counseling and a platform for students where they could come to know about new technologies and emerging trends. Under the guidance of Dean FoC, Prof. Dr. Abdul Qadir and under the supervision of HoD Bioinformatics, Dr. Aamer Nadeem, Ms. Syeda Marriam Bakhtiar, Assistant Professor Department of Bioinformatics and Zia-ud-din Academic Officer arranged this program to guide students of FSc and A-Levels and invited them to M.A.J.U. so that they could get some knowledge and overview of the discipline.

The course was attended by 31 students and 04 Faculty members of colleges of Rawalpindi and Islamabad. The program started at 10:00 am with recitation and translation of Holy Quran. Welcome note was presented by Mr. Haroon Khan. Career Counseling session was carried out by Ms. Syeda Marriam Bakhtiar followed by lectures on introduction and scope of Bioinformatics by Ms. Attiya Kanwal and Ms. Quratullain. The event was concluded by certificate distribution among participants by Dr. Sahar Fazal, Associate Professor, Department of Bioinformatics. Students and participants expressed enthusiasm and great interest in the course.



### **Seminar on Pediatric Oncology**

Department of Bioinformatics organized 7th clinical seminar on "Paediatric Oncology" under supervision of Dr. Sahar Fazal. Guest speaker was Maj. Gen. (Retd) Shahida Badshah, former Principal of Army Medical College, Rawalpindi. The speaker focused on clinical aspects of cancer related diseases in children with number of environmental factors and genetic disorders as spreading of cancer in young children in Pakistan. She emphasized on the rate of prevention, cure and diagnosis for molecular objectives and she described about the treatment of cancer through surgery, radiations and to some extent the use of drugs.

After scientific talk, questions/answers session

was conducted and at the end of session Head of Bioinformatics Department, Dr. Aamer Nadeem and Dr. Sahar Fazal awarded souvenir to the honorable guest speaker.



### **Treasure Hunt**

Treasure Hunt Season-III was held on November 26, 2013. It was organized by Genix of Department of Bioinformatics. This was the third installment of the highly anticipated and awaited event of the M.A.J.U. Students from all the departments took part in the competition. The competition comprised of different stages and each stage had its own rounds. These rounds were fairly designed to establish the use of logic, reasoning, sportsman ship, team work, problem solving and general knowledge. The Computer

Science Department team was declared winner on the basis of discovering the final chest of treasure within allocated time. Winners were awarded with cash prize of Rs. 2000/- and free entry for the next installment of the event. The prize was given by Dr. Nayyar Masood Dar, Head of the Computer Science Department and Patron of Genix Dr. Sahar Fazal. Dr. Nayyar Masood Dar highly appreciated the event and acknowledged the efforts of Genix under the capable supervision of Dr. Sahar.

### **HRM in Present World**

On October 09, 2013 Management Sciences Department arranged a lecture on, "HRM in Present World". Guest speaker was Dr. M. Tariq (MPH Global Health), Country Director USAID. Seminar was supervised by Dr. Shazia Akhtar. The main objective of the event was to interact with the people of corporate sector and get to know the HRM practices in the Pakistani industry. Honorable guest shared his

experience with the students. He emphasized on the logistics and supply chain management. He also shared that his organisation is mainly trying to introduce supply chain management as a major in different universities of Pakistan. Apart from this all he also informed about long and short term trainings and certifications that USAID arranges. Over all, it was a healthy and constructive interaction.

### Iqbal's Khudi - Demystified

A talk on, "Igbal's khudi-Demystified" was organized by Management Sciences Department. Guest speakers were Mr. Mehrban Hussain Khawar, President Daruladab and Mr. Sajjad Sajid, Director of Daruladab. The underlying idea was to bring home to the Muslims the dignity of their being which had been jeopardized by the forces of imperialism, and still jeopardized by capitalism, communism and democracy etc. Allama Igbal had to struggle with the forces of materialistic thought. He had to bring about a happy marriage between the esoteric and the exotic knowledge to drivehome his point of the purification of the self before a start could be made. The talk was not only informative but helped to instill the true spirit of Iqbal's idea among students.



### **Operational Management for Competitive Advantage**

A seminar was conducted on December 10, 2013, under the supervision of Mr. Shujahat Haider Hashmi. The guest speaker was Mr. Mubarak Hussain, General Manager, Tesla Industries Pvt. Ltd. The topic of seminar was "Operational Management for Competitive Advantage". Mr. Mubarak Hussain told the students that how they can achieve efficiency in production line as

a result they can gain better space in a market and that would be the source of their competitive advantage. He further referred 10 basics critical decisions of operational manager that included Product Design, Quality, Processes, Location Strategy, Layout Strategy, HR, Supply Chain Management, Inventories, and Maintenance. This session proved very lucrative for OM students.

### **Emerging Trends in Biotechnology**

Biotechnology is an applied field in the discipline of Biology with the scope ranging from medicine, environment, agriculture, industry to energy sector. In this context, Ms. Syeda Marriam Bakhtiar arranged a seminar on "Emerging Trends is Biotechnology" on October 23. Two speakers were invited to give expert talk on two topics. The program started with recitation of the Holy Quran. Dr. Malik Badshah, Assistant Professor at Quaid-i-Azam University shared his views on "Importance of Biofuel on recent crises". He expressed the need of switching

from conventional resources to new areas for production of energy resources. Dr. Samiullah, Assistant Professor at Quaid-i-Azam University shared his views on "Application of Enzyme Technology in Pakistan Industry". He shared the example of various enzymes reactive used in industry to replace chemical reactive which have side effects. At the end Dr. Aamer Nadeem, HoD Bioinformatics gave a vote of thanks and presented shields to the speakers. All the students and Faculty members expressed great interest in the seminar.

### **Seminar on Project Management**

A seminar on project management was conducted by the Management Sciences Department. The main topic of seminar was "The Gap between Success and Failure of Project Management and its Measurement of Riskiness". Guest speakers were Mr. Shees Ashraf & Mr. Ali Murtaza, both are PMP and six-sigma certified. Mr. Shees Ashraf is Senior Manager at PTCL Training and Development Deptt. Mr. Ali Murtaza is Manager Operation in Telecommunication and Commercial PTCL/ICT. Students learnt about the problems usually arise in communication. To overcome problems one should analyze the risk and should have appropriate management objective and goals. Such seminars help to improve practical knowledge of the students.

### **Educational Trip**

An educational trip was arranged for the students of Management Sciences Department on December 07, 2013. Two faculty members Mr. Shujahat Haider Hashmi and Mr. Bilal Saeed accompanied the students. The purpose of this trip was to learn about how operations in an organization really take place. Students had

the practical glimpse of many operations like manufacturing of Products (including Rio, Lemon Sandwich Biscuits), quality control processes, Assembly Line, Scheduling and Maintenance etc. This trip proved to be very lucrative for the students because it provided them extra practical knowledge.

### **Negotiation and Conflict Resolution**

A workshop on "Negotiation and Conflict Resolution" was organized on October 23, 2013, under Dr. Shazia Akhtar's supervision. Dr. Syed Hussain Shaheed (Associate Professor in the International Relation Department of University of Peshawar) was the guest speaker. The objective of the event was to inform the students about how conflicts can be resolved between two parties and how can we improve our personalities. There were some activities performed to help the students to realize how important is to know other person's perception and how should we communicate with others and how can we recognize the dangers around us in our everyday life.

### **Industrial Visit to NESCOM HRD**

On December 18, 2013, an industrial visit to NESCOM HRD Division was scheduled for the students of Electronic Engineering Department, Mohammad Ali Jinnah University, Islamabad. The visit was organized under the supervision of Dr. Ashraf. The visit plan was provided by the management of NESCOM. It was a very good setup and they divided the students into two groups to make the visit more informatic and safe. The

incharges of different section were qualified and explained their sections by showing different inputs and outputs of their section. It was a professionally managed tour and students benefited a lot. At Hi tea, The DDG NESCOM informed that they have capacity to accommodate 40 students for internship during summer vacations. They also encourage and entertain students from different universities for internship.

### **Recruitment Test Conducted by Elixir Technologies**

Department of Computer Science, Mohammad Ali Jinnah University, Islamabad organized a recruitment test for senior students of department in coordination with Elixir Technologies, Islamabad. The test was conducted on January 02, 2014. Students who appeared in test were working on their final year projects and seeking internships at different prestigious organizations of IT industry. Mr. Qamar Mahmood organized this event in coordination with HR Management of Elixir Technologies. A significant number of students appeared for this test with great spirit and enthusiasm. All facilities for conducting this

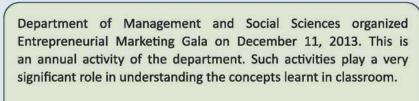
test were provided by Head of Computer Science



Department, Dr. Nayyer Masood Dar and it was organized in a disciplined manner.

### Entrepreneurial





Ninety stalls of different items were organized by the students in the event. These stall were related to management stream i.e marketing and entrepreneurship. Students really put a lot of effort to add value to the concept presented. The Executive Vice President Prof. Dr. Muhammad Mansoor Ahmed along with Dean, Dr. Arshad Hassan and HoD, Dr. Sajid Bashir formally inaugurated the Entrepreneurial and Marketing Gala. They visited every stall and gave personal attention to encourage the stall holders. An evaluation committee comprising of senior faculty members evaluated the stalls on the basis of Interpersonal skills, Managerial skills, Marketing skills, Creativity and Innovation.

In the end, awards and cash prizes were announced for the best stalls. Prof. Dr. Mansoor Ahmed presented the shields and cash prizes to the winners. Dean and HoD of Management and Social Sciences were also present on the occasion. This event was organized and managed by the marketing faculty of Department of Management Sciences under the supervision of Mr. Arif Vaseer.

### **Track Mania Robotics Competition**

Two teams from Department of Electronic Engineering, Mohammad Ali Jinnah University, Islamabad took part in "Track Mania Robotics Competition" at EME Olympiad. This Mega event was organized by NUST (EME Rawalpindi). Four students, M. Junaid, Raheel Hassan, Bilal and Amir participated in the event. Junaid and Raheel proved their metal and won the competition while Bilal and Amir remained 2nd Runner Up at EME College, Rawalpindi.



### **Corporate Governance**

A seminar on Corporate Governance was organized on December 18, 2013 by the students of MS class, under the supervision of Prof. Dr. Safdar A. Butt. The



guest speaker was Mr. Imtiaz Haider, Commissioner of Securities & Exchange Commission of Pakistan

(SECP). He presented his views on "The Role of Financial Disclosures in Improving the Quality of Corporate Governance in Listed Companies". Dean of the Faculty of Management Sciences, Dr. Arshad Hassan and Prof. Dr. Safdar A. Butt welcomed the guest speaker and accompanied him to the auditorium.

Mr. Haider's paper was very elaborated and lucid. It covered the historical background of corporate governance endeavours in Pakistan, the salient features of the code of corporate governance introduced by SECP and in particular the emphasis laid on accuracy and reliability of financial disclosures. The presentation was followed by an energetic questions and answers session. Finally, the shield was presented to the respected guest by Prof. Safdar A. Butt and the session ended with Hi Tea.

### Distinction of Dr. Amer Farhan Rafique

Dr. Amer Farhan Rafique of ME Department attended "The 20th International Congress on Modeling and Simulation" (MODSIM2013) which was held at Adelaide, South Australia, from December 01 to 06 2013. In addition to presenting his research paper, Dr. Amer was also Track Chair of session of "Modeling and Simulation in Engineering". Dr. Amer's contribution was well applauded and appreciated in the conference. His

enthusiasm led to his nomination as Committee Member of Modeling and Simulation Society of Australia and New Zealand (MSSANZ) by president and secretary of the society. He was then elected for the position making him the only foreigner in the committee of this old and prestigious society. Dr. Amer's work has contributed heavily in highlighting name of M.A.J.U. on international fronts.

### VisioSpark - COMSATS

A national IT event known as VisioSpark was hosted by COMSATS Institute of Information Technology, Wah Campus on October 26, 2013. Students from CS Department of Mohammad Ali Jinnah University, Islamabad actively participated in different competitions such as: Quiz Competition, Programming Competition, Poster Design Competition and Gaming Competition. The teams were coordinated

by the Patron JSPARK, Dr. Muhammad Tanvir Afzal and were accompanied by Mr. Zeeshan Khan. This activity enhanced the students' understanding to learn in real competitive environments and to understand their strengths and weaknesses. The university arranged a dedicated bus service for pick and drop of the students from university to the venue.

### ASHARE M.A.J.U. Student Branch Annual Meeting-2013

ASHRAE Student Branch annual meeting was held on October 30, 2013. Mr. Ather N. Siddiqui, Student Activities Chair, ASHRAE Northern Pakistan Chapter was the chief guest on this occasion. The meeting started with the recitation of the Holy Quran. Mr. Siddiqui, in his address briefed about the recent CRC held in Qatar. The activities of M.A.J.U. Student Branch were also presented there. After the question answer session, university souvenir was presented to the guest. The meeting ended with a group photo. Mr. Ather N. Siddiqui presented the

Qatar CRC student activity banners and also a cash donation to the M.A.J.U. student branch.



### Distinction of Dr. M.S. Khan

Dr. M. Sultan Khan, HoD ME Department, Mohammad Ali Jinnah University, Islamabad was awarded a certificate of "Outstanding Reviewer" for the year 2013, by the Heat Transfer Division of American Society of Mechanical Engineering (ASME) in recognition of his valued services in advancing the engineering profession.

### Visit to Ghazi Brotha Project

On September 27, 2013, an educational visit to Ghazi Brotha Project was arranged by IEEE student branch under supervision of Dr. Muhammad Ashraf for students of M.A.J.U. (EE Department). The main focus of this trip was to develop a basic understanding of power generation and transmitting of electricity.



### **JES Gaming Competition**

The JES Gaming Competition was arranged on November 28-29, 2013, Mubashar Ejaz Ahmad (Patron Jinnah Engineering Society) was invited as chief guest. The main purpose of this event was to create a friendly atmosphere among students of different departements. At the end cash prizes were distributed among the winners and runners up by the chief guest.

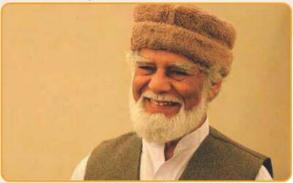


### **Seminar on Ethics and Morals**

Engineers' Forum organized a seminar on Ethics and Morals on Tuesday 7th January 2014. The



guest speaker Dr. Inam ur Rehman is an eminent nuclear scientist and founding director of PIEAS. He has worked as head of training program at Atomic Energy Commission since 1962 and during his distinguished career he has been awarded sitara-e-imtiaz which is the highest award in education. Dr. Rehman delivered a 50-minute talk on the topic which was followed by a 15minute question and answer session. Students and the faculty members showed keen interest



and gained an insight into the topic through the experience of our distinguished guest.

### **Oath Taking Ceremony of Chair IEEE Student Branch**

On October 1, 2013, Oath Taking Ceremony of New Chair of IEEE M.A.J.U. took place. The Chief Guest of this event was Consular IEEE M.A.J.U. Dr. Sajiad

Hussain. He appreciated the efforts of Mr. Hammad Shafqat and their executive committee. On this Day the new Chair announced took oath.

### Seminar on "Life of Professional Women in Islam"

A seminar was arranged by Ms. Raabia Asif for the female students of Mohammad Ali Jinnah University. The theme of seminar was "Life of Professional Women in Islam". Guest speaker, Miss. Humaira Arshad delivered her lecture in a very effective manner. Female students listened her talk attentively. In the end students discussed the issues faced by female working women and students. The speaker satisfied all types of queries of the students. The lecture instill the true spirit of Islam in the students. Students asked to frequently

have such informative seminars. Guest speaker was presented a shield, tea and refreshment was also served.



### **3rd IEEE Jinnah Robotics Competition**

A 3rd IEEE Jinnah Robotics Competition was organized by IEEE on October, 24 2013. The Robotics Incharge Mr. Mubashar Ejaz Ahmed and Mr. Omar Anwar was invited as a chief

guest. The main purpose of this event was to improve the technical and programming abilities of students and to excel in national level competition.



### 3rd IEEE Robotics Workshop

The 3rd Robotics Workshop was arranged by IEEE M.A.J.U. student branch on October 10, 2013. The group of five students from Mohammad Ali Jinnah

University delivered a detailed and comprehensive workshop. Students from AIR, APCOMS, FAST university also attended this workshop.

### **Convocation Poster Design Competition**

The 9th convocation of Mohammad Ali Jinnah University was held on November 28, 2013 in convention centre Islamabad. At the event number of penaflexes were planned to be displayed. For designing of penaflexes, a competition for penaflex design was held by JSPARK. In this event, many students from different departments of the University participated to design innovative penaflexes for the convocation day. The event was supervised by Dr. Muhammad Tanvir Afzal, Patron JSPARK. There were two categorizes of the design, one category was the horizontal design of

size 50 feet by 12 feet. The other category was the vertical design of size 8 feet by 15 feet. The designs were evaluated by the core committee of 9th convocation. In one category, Mr. Musaab Qamar was declared the winner and in other category, Mr. Zain Imtiaz was announced as winner. After some small changes, the designs by the students were displayed in the 9th convocation. The winners were awarded with shields and other participants were given certificates of participation. The winner students were encouraged to see their design in the big scholarly gathering of 9th convocation.

### **Seminar on Real Love**

Knowledge Club under the umbrella of JSPARK organizes Islamic lectures of distinguished scholars on regular basis at Mohammad Ali Jinnah University, Islamabad. Such a lecture, on the topic of "Real Love" was organized on December 30, 2013. The event was supervised by Mr. Shehzad Rafique and Dr. Muhammad Tanvir Afzal. The speaker of this lecture was Dr. Yousuf Raza, founder and President of Muslims United, who is an inspirational speaker giving lectures publicly for past 4 years and conducting weekly Qur'an halqahs in Islamabad/Rawalpindi, including an English Dora-e-Quran.

Academically, he is a graduate from Shifa College of Medicine, where he was also the president of Islamic society (Shifa Student Society). After graduation, he was appointed as CEO of Youth Club (another Islamic organization) where he served one year. A large number of students attended the lecture and they showed keen interest in the talk. The talk initiated a motivation among the participants to attain real love of Allah. After his talk, Mr. Shahzad Rafique presented souvenir to the guest, followed by a refreshment for the guest, faculty and organizers.

### **NEW INDUCTION**

S/No	Names	Department	Designation	Degree & Institution
1.	Dr. Azfar Khalid	Mechanical Engineering	Associate Professor	PhD University of Manchester, UK
2.	Mr. Khurram Shahzad	Electronic Engineering	Assistant Professor	MS (EE) University of Maryland, College MD, USA
3.	Mr. Khalid Mahmood	Graduate Office	Asstt. Professor / Manager Graduate Studies	PhD (In progress) MSc (UET), Taxila
4	Mr. Furqan Qamar	Civil Engineering	Assistant Professor	MS (Civil Engineer) School of Engineering Surrey, UK
5.	Mr. Saleem Anwar	Computer Science	Assistant Professor	MS(Computing System) Vrije University Amsterdam, Netherlands
6.	Mr. Salman Ahmed	Computer Science	Lecturer	MS M.A.J.U. Islamabad
7.	Mr. Zeshan Alam	Civil Engineering	Lecturer	MS (Civil Engineering), NUST
8.	Mr. Shahid Hussain	Bioinformatics	Research Associate	MS (IIUI)

### Prof. Wolf Tilo Balke Visits M.A.J.U.

Prof. Wolf Tilo Balke, a distinguished scientist University Technical Braunschweig, Germany visited Mohammad Ali Jinnah University for a week from December 8 to December 15, 2013. Prof. Wolf-Tilo Balke holds the Chair for Information Systems at TU Braunschweig since April 2008. Prof. Balke has been selected as a member of the Academia Europea, a prestigious academy of Europe which has more than 50 noble laureates as its members. Prof. Balke has H-Index of 23 and citations of more than 2500. He is considered as one of the most influential scientist in the areas of Databases and Information Systems, serving as editor for many important journals of IEEE transactions, ACM transactions, Springer journals, Elsevier Journals and important conference such as: VLDB, EDBT, ICDE, WWW, ISWC, DASFAA and many more. Dr. Muhammad Tanvir Afzal, organized number of important activities of the guest at Mohammad Ali Jinnah University, Islamabad during this week. Following is the detail of activities in which Prof. Balke made an active participation

ICET 2013 Conference Activities: Prof. Wolf Tilo Balke actively participated in the ICET conference. He presented a talk on "Human-Centered Query Processing New Operators, New Challenges, New Chances". Prof. Tilo Balke also chaired a session at ICET conference on December 10, 2013 on the topic of "Semantic Computing".

Workshop on Publish or Perish Life-Cycle: A workshop on "Publish or Perish Life-Cycle" was organized on December 11 & 12, 2013 at

M.A.J.U. to get dedicated feedback from Prof. Wolf Tilo Balke, especially for PhD students. The



speaker shared his vast experience of publishing in renowned journals. There was another talk of Prof. Dr. Boualem Boashash, from Qatar University, Doha. He shared his vast experience of publishing and elaborated his findings to the audience. Participants learned a lot of research related things from the guest.

Invited Talk of Prof. Balke at M.A.J.U.: An open lecture was organized on December 12, 2013. The topic of the lecture was "Property Based Data Access for Semantic Web Programming". The talk was based on the recent paper published by Prof. Wolf Tilo Balke at top conference of semantic web known as International Semantic Web Conference (ISWC 2013).

Trip to Texila and Islamabad City for Prof. Balke: A recreational trip was organized for Prof. Wolf Tilo Balke by M.A.J.U. on December 13 & 14, 2013. The museum of Texila and different excavation sites were visited in Texila, dated back in 600 BC and 700 BC. The guest also visited the landmark architecture of Faisal Masjid, Shakarparian, and Shakarparian Museums.

### **Workshop on Robosprint-2014**

Workshop on Robosprint-2014 was held on November 11, 2013 organized by IEEE. Participant from different organizations including CASE, NUST etc. participated. The purpose of the workshop was to create awareness among students regarding new technology in robotics field.

### **DJuice Opportunity Program**

Department of Computer Science organized a seminar in collaboration with the Telenor Pakistan on the topic of "DJuice Opportunity Contest" on November 26, 2013. The presenter of this event was Rahim Ali Javaid, Assistant Manager, Urban Youth Segment — djuice. The Opportunity is a program designed to engage the student community to promote their creativity and talent in the global market place through mobile App development. The participants of the events were the senior students of CS Department. After the presentation, the

presenter asked number of questions from the audience. The participants who answered the question were rightly given T-shirts by the Telenor. Subsequently, there was healthy question answer session where the students asked important question from the Telenor representative for the App development. The event was supervised by Dr. Muhammad Tanvir Afzal, Patron JSPARK. After the event, there was an arrangement of refreshments for the guest and organizers. The guest was presented a souvenir by Dr. Muhammad Tanvir Afzal.

### Google Strategic Partnership Head Visits M.A.J.U.

Department of Computer Science and Google Business Group, Islamabad organized a lecture of Mr. Sergio Salvador who is the head of Strategic Partnerships for Google in South East Asia on November 22, 2013. The topic of the lecture was



Innovation and Culture @ Google. Mr. Sergio has accumulated 15 years of diverse experience in Marketing, Business Development and General Management across different industries and countries. He has launched and managed startups, as well as held diverse roles in multinational

companies. He also served as Board Director of Avelife Foundation and Lecturer at Temasek Polytechnic, Singapore. Google Country Manager Badar Khushnood and Manager Google Business Group Mr. Ahsan Mukhtar accompanied him. The occasion was graced by Dean Faculty of Computing, Prof. Dr. Muhammad Abdul Qadir; Head, Department of Computer Science, Dr. Nayyer Masood; and Patron JSPARK, Dr. Muhammad Tanvir Afzal. There was huge number of students especially of senior semesters who showed interest in the talk. Mr. Sergio presented the innovation and Culture at Google Inc. The presenter motivated students from the successful vision of Google and other startups by individuals in IT. The student learned a lot through the presentation and question answer session from one of the top management of such a successful company. At the end of the lecture, refreshments were served to the guest and faculty. Prof. Dr. Muhammad Abdul Qadir presented a shield to the guest.

### Seminar by Dr. Muddassar Sindhu

Department of Computer Science organized a seminar of Dr. Muddassar Sindhu on November 25, 2013. The topic of the seminar was "Algorithms and Tools for Learning-based Testing of Reactive Systems". Dr. Muddassar Sindhu did his Masters from University of the Punjab in 2003, before joining CS Department of QAU as a Lecturer in 2005. He received his Licentiate in Engineering (CS) and PhD in CS from Royal Institute of Technology, Stockholm, Sweden in 2011 and 2013 respectively. His main areas of research include studying and designing new algorithms and developing tools for automatic test case generation for testing reactive systems using a formal specification of the software. The talk focused on Learning-based Testing (LBT) as a viable testing methodology for reactive systems. This seminar was supervised by Dr. Aamer Nadeem and Dr.

Muhammad Tanvir Afzal. The postgraduate students and senior semester students of Software Engineering



domain participated in the event. The lecture was followed by useful question answer session. At the end, refreshments were served for the guest, faculty, and the postgraduate students. Dr. Aamer Nadeem presented the souvenir to the guest.

### TECH-HUNT- 2013

American Society for Mechanical Engineers (ASME), Mohammad Ali Jinnah University Chapter held its first inter-departmental event on October 09, 2013 under the name of 'Tech-Hunt – 2013' at M.A.J.U. Around 13 teams with maximum 3 members each competed in series of challenges to claim the title. Tech-hunt was successfully completed in 2 hour timeframe with all the participants having learnt different deciphering and team work techniques. After completing the mind-refreshing and entertaining event, a team from the sophomore

batch was awarded the prize money for completing all the tasks in the shortest time. All the participants were given a participation certificate.



### **Participation in TECTIQUS**

IQRA university Islamabad organized a national competition events known as TECTIQUS on November 29-30, 2013. Students of Mohammad Ali Jinnah University participated in different events such as: Speed Programming Competition, Poster Design Competition, and Speed Wiring. The teams were coordinated by Patron JSPARK,

Dr. Muhammad Tanvir Afzal. Mr. Zeeshan Khan accompanied the teams in the venue. The students were selected for the final rounds of these competitions. In Poster Design Competition, Ms. Neelam Ismail acquired second position. The participating students were given certificate of participation.

### **RTSRV Wins Position in GIKI NEO-14**

Rough Terrain Surveillance & Rescue Vehicle (RTSRV) designed by EE Students of Mohammad Ali Jinnah University claimed 1st prize in final year project exhibition in National Electronics Olympiad 2014, organized by GIKI. University students from all over the country participated in this event to exhibit their ideas and expertise in the field



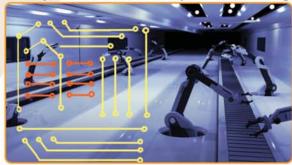
of engineering and technology.

RTSRV designed for industrial and military operations to safeguard and secure human life and to evade human existence at dangerous, hazardous or unstructured environments finds its path to the top with its unique design and untiring efforts of the students of M.A Jinnah University.

### **An Insight to Robotics**

On November 20, 2013 a seminar titled "An Insight to Robotics" was arranged by Science Society, Mohammad Ali Jinnah University, Islamabad. Mr. Abdul Wahab Butt, Lecturer ME Department delivered the presentation. The theme of presentation was to connect mechanical engineering's perspective with Robotics whilst wrapping a diverse range of subjects correlating them. The event proved to be very interactive and engrossing as it ended with a question and answer session where participants engaged enthusiastically

and inquired about different aspects of the cutting-



edge developments in the field of robotics.

### **Student Society Awareness Day-2013**

"Society Awareness Day-2013" was held by Department of Mechanical Engineering on September 25, 2013 at Mohammad Ali Jinnah University, Islamabad.



The event was organized by the senior students of ME Department for newcomer batch of Fall 2013, under the supervision of Asst. Prof. Saif Ullah and Ms. Ayesha Shafi. The following societies participated in the event:

- American Society of Mechanical Engineers (ASME)
   Mohammad Ali Jinnah University
- M.A. Jinnah University American Society for Heating,

Refrigeration and Air-conditioning Engineering (ASHARE) Student Branch

- M. A. Jinnah University Society for Environmental Engineering (MAJU - SEE)
- Mechanical Engineering Students Counselling Society (ME - SCS)
- Science Society
- Engineers Forum

The program commenced with recitation of the Holy Quran followed by the introductory presentations of the respective societies. Dr. Muhammad Sultan Khan, HoD Mechanical Engineering Department, in his closing note emphasized the importance of student societies and their role in grooming the students. The event concluded with distribution of certificates among the organizers and society representatives. The volunteers and audience were also given an honorary ASME Magazine and lunch.

### **MEET THE FACULTY**

### Dr. Aamer Igbal Bhatti (PHD, MSC, DIC, SM IEEE)

Control Engineer with 20+ years of dynamic modeling, state/parameter estimation, controller design, controller/observer implementation/testing experience in automotive and aerospace industries. Currently, pioneering head of Controls and Signal Processing Research Group, having more than 08 PhD graduates. He worked on idle speed control of Ford Mondeo engine during PhD and also devised novel algorithms for Perkins diesel engines during postdoctoral research.

kind of hobbies had you been indulged?

Dr. Bhatti: I had always been a very serious student, concentrated on studies. I used to read, history, historical facts, historical fiction, and science fiction. I had been a very keen reader. I played little bit of Badminton and table tennis.

**Student:** Any significant incident of your early life that had influenced you?

Dr. Bhatti: I won't call it incident, but in senior school, we were taken to attend lectures of eminent contemporary philosophers. They were very much motivating at that time for me and they changed my life. I was very much influenced by their talk.

Students: Tell us something about your achievements in life?

Students: What type of student had you been and in what Dr. Bhatti: In my school I won President Talent Scholarship, after graduation I won Science & Technology Scholarship. Later on I pursued my PhD and then post doctoral studies. I always tried to benefit society in term of helping them in defense science, civil technology and to some extent I started working in medical technology in Pakistan. I was there in pioneering many technology institutions like CASE and CARE. Later in Jinnah, I started a research group tradition and its really doing very good. I have tried to establish quality academic research culture in Pakistan. So far 8 of my PhD students have done their graduation.

Students: What helped you to be a professionally successful person?

Dr. Bhatti: Personally I believe that in Pakistan there are many better electrical engineers than me, better professional in my area, but the only thing which I think is different in me is the courage to take initiative. I have a vision to follow and I do not do anything that is against my vision. In this way I might be different from my fellows.

**Students**: What is the scope of your field in Pakistan?

Dr. Bhatti: I worked in control system in defense and use of electronics in automotive system. I tried to establish good defense technologies, automotive engines, hybrid car etc. We are working on hybrid car issue. In Jinnah we have established a state of the art electronics lab and have automotive electronics equipments in our lab. We are publishing our papers in America which is something very different. We also worked on radar systems, M.A.J.U. is the first university which has demonstrated fully running projects on radar system. I have worked on WNT Path Ways, trying to help the cancer research.

Students: What about your upcoming publications?

Dr. Bhatti: I am expecting 5 to 6 articles to be published in different journals.

**Students**: What message would you give to our students? Dr. Bhatti: I would say, always go for the concepts, getting CGPA is important, but concepts are very important thing. If you get out of the class after one and half hour without getting any concept from the teacher or from the book, this loss can never be recovered. I always tried to ask the questions from the teacher to make concepts clear. So be conceptual and focused.



### PAKISTAN SWEET HOMES

M.A.J.U. Center, Islamabad





spectators.



### RECREATIONAL TRIP

On October 17, 2013 a recreational trip to F-9 Park was arranged for the children. The boys played cricket, badminton and football at the place. Students offered their Zohr Prayer in the Park. Lunch was served to them at park by the administration of Sweet Homes. They enjoyed whole day a lot.

### SCIENCE AND ARTS EXHIBITION

A Science and Arts Exhibition for senior classes was held at school on November 30, 2013. Students show cased their craftsmanship and creativity through their projects. Many projects were based on re-cycling the materials. Rest of the students showed great interest in the projects exhibited and took many ideas from them. Prof. Dr. Mohammad Mansoor Ahmed was the chief guest at the occasion.

### SPORTS DAYS

December 14 to 31, 2013 Sports Days of junior classes were organized. Some interesting events for the kids were: Papa shoe race, school preparation race, water race, sack race, ball throw in a bucket, water crawling etc. The event not only provided physical activities to the participants but they proved to be a source of great entertainment for the

Quaid - e - Azam Day was celebrated on December 25, 2013 at school. Students presented speeches, skits, poems and saying of Quaid-e-Azam Muhammad Ali Jinnah with great zeal and zest. It also instill in them the spirit of patriotism.

QUAID-E-AZAM DAY

### SPEECH CONTEST

A general speech contest was organized on December 31, 2013. Students of different classes delivered speeches on different topics. A tablo was presented on national song. General knowledge quiz competition was also a part of the program.

### PROGRAM IN CONNECTION WITH RABI-UL-AWWAL

On January 26, 2014, a program was organized in connection with Rabi-ul-Awwal. Prof. Dr. Mohammad Mansoor Ahmed, Zamurd Khan and Qari Abu Bakar Siddique were the guest of honor. Children presented Hamd, Naat, skits, Speeches and different items related to the life of Holy Prophet Muhammad (SAW). All the audience liked and enjoyed the program very much and appreciated the talent and presentations of the students.







### **PUBLICATIONS-FALL 2013**

- S. Hussain, F. Schieweck and S. Turek, "On a Galerkin discretization of 4th order in space and time applied to the heat equation", International Journal of Numerical Analysis & Modeling, Series B, 4(4):353–371, 2013.
- **S. Hussain**, F. Schieweck and S. Turek, "An efficient and stable finite element solver of higher order in space and time for nonstationary incompressible flow". International Journal for Numerical Methods in Fluids, 73: 927–952, 2013.
- R. Mahmood, S. Hussain, "Galerkin discretizations of 4th order in space and time for the Convection-Diffusion-Reaction (CoDiRe) equation", International Journal of Basic & Applied Sciences, 13(4):1–22, 2013
- M. Ramzan, M. Farooq, A. Alsaedi, T. Hayat, "MHD three-dimensional flow of couple stress fluid with Newtonian heating", Eur. Phys. J. Plus (2013) 128: 49 DOI 10.1140/epip/i2013-13049-5
- Naeem, Muhammad and Gillani, Saira and Qadir, Muhammad Abdul and Asghar, Sohail, gSemSim, "Semantic Similarity Measure for Intra Gene Ontology Terms", International Journal of Information Technology Computer Science, volume 5, number 6, year 2013, pages 32-40.
- Mahmood, Qamar, Qadir, Muhammad Abdul, Afzal, Muhammad Tanvir, "Document similarity detection using semantic social network analysis on RDF citation graph 2013" IEEE 9th International Conference on Emerging Technologies (ICET 2013), 2013, Page(s): 1-6
- M. Babar, Z. Waqas, Z. Halim, M. A. Islam "Genetic programming based degree constrained spanning tree extraction", Digital Information Management (ICDIM), 2013: 241 – 246 IEEEXplore
- K Ahmad, S Badshah, A. F. Rafique, Z Xuezeng, "A Simulated Case Study of Office Buildings in Pakistan to Improve the Energy Efficiency", Energy and Environment, 2013
- N. Mehmood, M Umer, R Ahmad, A. F. Rafique, "Optimization of Makespan and Mean Flow Time of Job Shop Scheduling Problem FT06 using ACO", Life Science Journal, Vol. 10, No. 4, pp 474-484, 2013.
- A. F. Rafique, Q Zeeshan, A Kamran, "Reversing the Design Process to Aid in Complex Engineering Problems", MODSIM2013, 20th International Congress on Modelling and Simulation, Modelling and Simulation Society of Australia and New Zealand, December 2013, pp. 761 – 767. ISBN: 978-0-9872143-3-1.
- M. Khan, N. A. Sheikh, K. Alam, H. I. Syed, A. Khan and L. Ali, "Balling phenomena in Selective Laser Melting (SLM) of pure Gold (Au)", Lasers in Engineering, 2013 (0.469)
- JM Huntley, T. Tarvaz, MD Mantle, AJ Sederman, L.F. Gladden, N. A. Sheikh and R.D. Wildman, "NMR measurements of velocity distributions in an ultrasonically-vibrated granular bed", Philosophical Transcations of Royal Society A., 2013
- Wahab A., Khalid A. and Khan U. S., "Dimensional inspection system for meso-scale artefacts using sub-pixel edge detection technique", International Conference on Modeling & Simulation (ICOMS), Islamabad, Pakistan, 394-398, 2013
- S. Manzoor, J. Khawar, N. A. Sheikh, "Vortex induced vibrations of a square cylinder with free-free end conditions",
   Advances in Mechanical Engineering, vol. 2013, Article ID 20474, 12 pages, 2013. doi: 10.1155/2013/20474
- N. A. Sheikh, S. Manzoor, and U. Ghani, "Evaluating Energy Flux in Vibrofluidized Granular Bed," Advances in Mechanical Engineering, vol. 2013, Article ID 327379, 7 pages, 2013. doi:10.1155/2013/327379
- Z.H. Ayub, M. S. Khan, A. Jokar, T.S. Khan, N. Hayes, "Recent Developments in Plate Exchangers Ammonia/ Carbon Dioxide Cascade Condensers", Heat Transfer Engineering, Vol. 34 Issues 5-6, 2013, pp 401-408
- Khalid A. and Mekid S., (2013), "Characteristic analysis of bioinspired pod structure robotic configurations", International Journal of Cognitive Computation, (DOI: 10.1007/s12559-013-9210-7), Springer, 2013.

### Students'



### 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 MB-111012 MBA (Regular)

### غزل

ول کو سریہ میں نے سوار کیا سامان مرک کا تیار کیا آئينه چُور ہوا مروّت ميں اُس نے جب بھی کہیں سکھار کیا طاند کو تنہا دیکھ کر ئیں نے تمام رات قیامت کا انتظار کیا اُس کو احساس محبت کا دِلانے کے لیے کورا کافذ بھی میں نے تارکا میں نے پھرخوب نے وفائی کی یار نے جب سے اعتبار کیا الما تر إك دُهوندُنا ب مُجْمِع عثق دریا کو جس نے یار کیا باشنده تها إسى بشي كا وه بهي میں نے کیوں اُس یہ اعتبار کیا آرزو تھی کسی سے ملنے کی ئیں نے اپنا ہی انتظار کیا

> EE-130091 (توقيرا حمدطازم) Electronics 6th Semester

### (غیورعباس کلیآی) BS (CS) 4th Semester

### M.A.J.U.

یہ فظ رسم وُنیا نہیں میرا تم سے پیار ہے
انہی لفظوں سے میرا تم سے محبت کا اظہار ہے
اظہار کے لیے کوئی نثر، نظم اور کوئی غزل کہتا ہے
میرے شعروں کا ہر ہر لفظ محبت میں سمویا رہتا ہے
تہاری بلندی کو کلیآئی کا ہے اور رہے گا سلام
میری ساری محبتیں فقط .M.A.J.U کے نام
اللہ کرے تیرے عروج کو کبھی نہ ہو شام
اللہ کرے تیرے عروج کو کبھی نہ ہو شام

تہاری یا دوں کو ہم نے دِل میں قید کرلیا ہے
تہاری یا دُریں گے اکثر لینے آپ سے یہم نے عبد کرلیا ہے
تہاری یا دیں نہ ہم سے کبھی جُدا ہوں گ
تہارے لیے ہماری زبانیں ہمیشہ محو دُعا ہوں گ
تہاری نمکین یا دول سے ہم لُطف اندوز ہوتے رہے
کبھی کی موج متی کبھی اسائمٹس کو روتے رہے
القہ کرے صدیوں تک یہ زمانہ تمہیں یاد رکھے
بینی تیرے گُلش کو مہکتے پھولوں سے آباد رکھے

