

MONTHLY
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News

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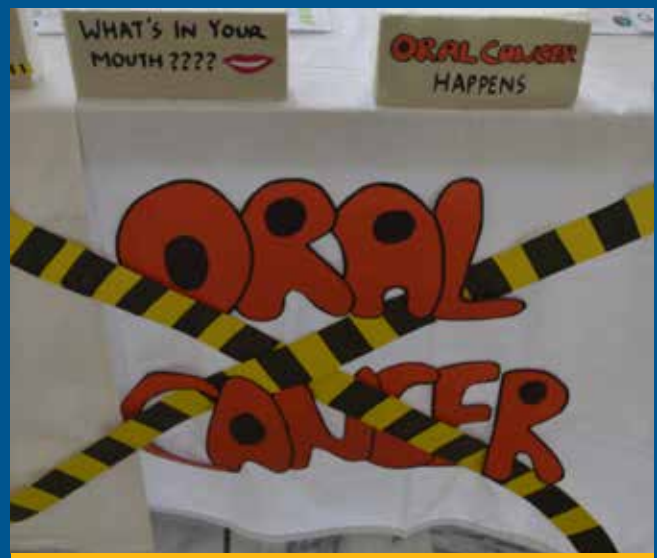
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NUSTNews is a monthly publication, produced by Student Affairs Directorate, covering various events across the entire University. It will be appreciated if the focal persons send reports right after the events so as to give them timely coverage.



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**EDITORIAL
TEAM**



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197 graduate at AM College Convocation

CJCSC urges young medicos to be socially responsible



Upon the successful completion of 32nd MBBS and 11th BDS courses, as many as 197 graduates of the Army Medical College received degrees at 31st Undergraduate Convocation held on 19 March 2014. General Rashad-Mahmood, NI (M) Chairman Joint Chiefs of Staff Committee (CJCSC) graced the occasion as chief guest and awarded degrees to the graduating students. Held at the College Auditorium, the ceremony was attended by graduating students, their parents and faculty members.

In the MBBS category, NFC-63 Dr Syed Rafay Ali Sabzwari was awarded President's Gold Medal and Rector's Gold Medal for being the best all-round student and the best student in academics. MC-2526 Capt Anum Sarwar was awarded the COAS Gold Medal for being declared as the Best Military Student. While in the 11th BDS course, NDC-121 Dr Sadaf Huma was awarded President's Gold Medal and Rector's Gold Medal for being the best all round student and the best student in academics.

In his convocation address, the chief guest felicitated the graduates and their proud parents. He said that the professional knowledge and training acquired by the young medicos would help them play their role in alleviating the health problems of the mankind. The distinguished guest remarked that the performance of the graduates in the examinations, as evident from the results, was highly impressive and laudable. He maintained that the students' performance truly reflected the hard work put in by the students, tremendous efforts of the faculty and the excellent academic atmosphere being provided on campus. He asserted that the affiliation of Army Medical College with NUST had further enhanced its capacity to train and produce young doctors of exceptional capabilities.

The distinguished guest said that it was particularly imperative for the new graduates, who were on the threshold of their professional careers, to keep themselves abreast with the ever expanding sea of knowledge and be guided by the principle of medical ethics by

placing healthcare of the society as a top priority.

Rector NUST Engr. Muhammad Asghar also addressed the gathering at the occasion. He extended his heartiest felicitations to the graduating students, their parents and the esteemed faculty. He said that it was a momentous day for the graduates and hoped that they would make best use of the expertise gained at the College in serving the ailing masses.

Earlier, Principal Army Medical College Maj. Gen. Salman Ali HI (M) presented the annual report of the College.

It is pertinent to mention here that the 31st Medal Distribution Ceremony of the Army Medical College was held a day earlier at the college premises. Lieutenant General Azhar Rashid, Surgeon General/ Director General Medical Services (Inter services) HI(M) of Pakistan Army awarded medals and distinction certificates to the graduates of the 32nd MBBS and 11th BDS courses. Members of the faculty along with senior officers of the Army Medical Corps were present at the occasion.

NUST observes World Forestry Day

World Forestry Day was observed at National University of Sciences and Technology on March 21. The event was preceded by an essay writing competition on the theme of forest conservation, in which NUST Environment Club received an overwhelming response from students.

The participants had brought along banners and posters about the World Forestry Day. The banners included slogans and quotations which were enlightening and eye catching, such as 'Let's not destroy God's beautiful creation: earth,' 'Nothing is more beautiful than the loveliness of woods before sunshine,' 'Let the trees grow...Get a better environment' and many more. All of the participants then proceeded to a Forest Conservation Walk, which started off from CIPS (Center for International Peace and Stability) and ended at the NBS Basketball court.

Soon, Pro-Rector NUST Engr. Muhammad Shahid also joined the participants of the walk. In his short address to the spirited gathering, he talked about the



importance of the nature walk and the efforts put in by the participants for the noble cause of protecting trees and forests.

Before long, the moment arrived for which the crowd had eagerly been waiting for i.e. the announcement of top three positions in the essay compe-

tition on World Forestry Day. The topic was "A planet without trees: A Nightmare or our Future." Nouma Hanif from IESE-SCEE stood third, Huma Tariq also from IESE-SCEE stood second and the winner of this competition was Ali Aitzaz from EME. The Pro-Rector distributed prizes among the winners.



International Day of Forests





Awareness camp for SOS children, general public

In connection with World Oral Health Day, Army Medical College cadets, including all four classes of dentistry students and a few volunteer workers from MBBS, in association with a volunteer work society IFMSA i.e. international federation of medical students association, conducted an awareness camp in AFID premises. This time the theme was: we don't believe in only spreading smiles, we make sure they are healthy too.

Children from SOS Village were invited to the camp, where they were provided with an environment to make themselves well-versed with the dental hospitals and shed the fear they have in their minds for dentists. Besides this children were taught oral hygiene and general hygiene measures. A presentation session inside Atta-ur-Rehman Auditorium was conducted to introduce the children with oral cancers. Maj Qayyum, Dr. Sana Tariq, Dr. Abeer and Dr. Amna presented a few slides on posters for general awareness and fear alleviation. Football tricks and a small skit were also presented to children.

Face painting corner was arranged for recreation of children. Moreover these children were provided with microphone to express themselves by singing and whatever they liked. Each child was provided with edibles (juices, cakes, toffees and similar stuff) along with a dental kit (toothpastes, tooth brushes, coloring books).

Meanwhile, videos, posters and table clinics were arranged to make the general population aware of the causes, risk factors, presenting features, treatment and prognosis of oral cancers. Pamphlets for oral cancer awareness were provided



to all visiting AFID.

Etiological factors, predisposing factors, signs and symptoms, screening steps, diagnosis, treatment options available for oral cancers were covered in detail under this session of events.

A team of dentists including Dr. Sana Tariq, Dr. Nida Mukhtar, Dr. Saira Ibrahim, Dr. Khadija Rizvi, Dr. Rehana Nosheen, Dr. Dilruba Raza, Dr. Saba Basit, Dr. Sahar Tahir, Dr. Aqsa Urooj under the supervision of a great oral and maxillofacial surgeon Dr. Irfan Shah and Dr. Amir Mushtaq worked day and night to put up this set of events for the general public.



Awareness programme on Pakistan Television (PTV)

Besides the awareness camp arranged at AFID, a team of consultants/faculty members, best house officer and best final year cadet, Dr. Irfan Shah, Capt. Quratulain Qadir,

Dr. Mehrunnisa Anwari and Cadet Fatima Javed respectively, went to PTV News to conduct a programme intended for awareness to masses regarding oral cancers. Generally

they covered oral health measures and level of awareness among general population and specifically they covered Oral Cancers, types, causes, risk factors, presenting features, treatment and prognosis of oral cancers. AM College, NUST and AFID are adamant on taking such initiatives to even wider audience.

Motivational talk by Abrar-ul-Haq, Chairman Sahara for Life Trust

People in Tharparkar have been facing famine-like situations for quite some time. However over the past three months at least 193 children have reportedly died owing to food shortage. Having this in mind, ACM - SEECs Chapter and NUST Community Services Club (NCSC) collaborated with Sahara for Life Trust for raising donation at H-12 NUST. In this connection, Abrar-ul-Haq, a well-known singer and the chairman of Sahara Foundation, visited NUST on 27th of March 2014. This was also the final day of the money donation campaign at NUST.

The seminar took place at Jinnah Auditorium. The auditorium was packed with faculty members, NUST officers, various students and course partici-

pants of CSL-401.

The event started off with a video showing the several endeavors of Sahara Foundation after which Abrar-ul-Haq took the stage, emphasizing the importance of helping our people in need in Islam and in the eyes of our great leaders; Jinnah and Iqbal.

He then talked about his journey of making Sahara Foundation what it is today and the struggles he faced while establishing it. In the eyes of Abrar, passion and enthusiasm of the youth to help others in difficult times is what makes a nation strong and united. Abrar, who is also the first ever OIC humanitarian ambassador, ended his speech by talking about how the youth of Pakistan can bring a smile at the fac-

es of the famine stricken people of Thar by donating money for them.

The talk was followed by a 15 minute question and answer session in which students asked the guest speaker about the future projects of the Sahara Foundation. No one can disagree with the fact that he's a great singer so on the demands of the students, he also sang one of his famous songs at the end which left the audience asking for more. The event was concluded by chief guest of the event, Sir Bajwa (DSA), who presented the souvenir to the esteemed guest speaker. A cheque was also presented to Abrar-ul-Haq for his foundation by the Council Presidents of NCSC and ACM-SEECs Chapter.



Book fair attracts faculty, students in large numbers

A book fair was organized on 4th and 5th of March 2014 at the main campus of the University. Dr. Asif Raza (Pro Rector Academics) inaugurated the event by cutting the ribbon and taking a tour of all the book stalls arranged outside the Jinnah auditorium. A large number of faculty and students keenly explored the displayed books. The chief guest praised

the efforts of the organizers, and appreciated the idea of having a central Book Club on campus.

President NUST Book Club Muhammad Awais Chaudry gave a very brief account of the club's functioning and its initiatives. At the occasion, an inspiring TEDX video was also played to highlight the importance of books..



NUST Emergency Medical Training'14

NUST BioReach Society (NBIOS) in collaboration with LUMS Emergency Medical Services (EMS) organized a three-day emergency training program from March 21 to 23, 2014 at Atta-ur-Rehman School of Applied Biosciences (ASAB), NUST, in order to equip students with basic medical first responders (MFR) skills and to give them a strategic head start to lay the foundation of NUST EMS. With the mantra "you don't have to be doctors to save lives," the session was inaugurated with the arrival of 9 LUMS EMS trainers and 50 NUSTians belonging to various schools of NUST. Trainers and trainees were officially welcomed by the NBIOS event head, Maarej Khan and the LUMS EMS head, Zeeshan Javaid followed by an interesting ice breaking session. Train-

ees were divided into 10 teams, each headed by a team leader in order to effectively impart training and monitor their progress. Lectures unfolding basic course and techniques were delivered along with practical demonstrations. The second day saw the complexity level of the training being increased and surprisingly an increased eagerness was also observed in the participants. After the lectures, practical proficiency testing was held based on mock cases of different medical conditions such as hypoglycemia, asthma, drug overdose, hypertension among others, to evaluate the progress of the young Nustians. An emergency triage assessment was conducted on the final day, which combined different emergency scenarios learnt by the teams and tested each

team's first-response skills. LUMS EMS head commending the participants said, "They are so brilliant that even I left learning from them".

The closing ceremony on day three was attended by Rector NUST, Engr. Muhammad Asghar, Director Student Affairs, Principal ASAB, ASAB faculty members, trainers and trainees. The honorable Rector presided at the closing ceremony and acknowledged the efforts put in by NUST BioReach Society and LUMS EMS for a noble cause. NBIOS envisions to establish an around the clock student EMS service in order to serve the NUST community and NEMT'14 was a first concrete step towards that direction.



Annual Arts and Graphics Competition 2014 – AM College

Upholding the past tradition, Amcolians Arts and Graphics Society organised the Annual Arts and Graphics competition this March. It comprised a three-day event with Live Sketching Competition, Judgement, Video Screening and Prize Distribution Ceremony on the 20th, 21st and 25th of March respectively. Amcolians responded with full zeal by submitting exquisite pieces of art work in 11 different Art categories. The Graphics competition was marked by a total of 26 entries in 4 different categories that were examples of cinematic brilliance. The society is also proud to announce the addition of 'A cappella Video' category, which successfully had the maximum number of entries amongst other categories.

Highly qualified judges, including Principal Rawalpindi Institute of Art and Design Saira Alam, graced the occasion. Brig Ghulam Raza, SI (M) Vice Principal Army Medical College, honoured the winners with shields at the Prize Distribution Ceremony held in Ejaz Hall Army Medical College. Fatima Company secured first position, while Ayesha Company was the runners-up. Razi Company managed to seize the third place in the competition.



Best Oral Presentation

Dr. Muhammad Tahir, HoD Plant Biotechnology, ASAB, NUST and Mr. Mustafeez Mujtaba Babar, PhD scholar, ASAB, NUST were awarded the certificate of appreciation for the Best Oral Presentation in the Plant Biotechnology and Stem Cell and Bionanotechnology sessions, respectively, at the 11th Biennial Conference of Pakistan Society of Biochemistry and Molecular Biology (PSBMB). The conference titled "Molecular Biosciences – Challenges and Opportunities" was held at the University



of the Punjab, Lahore. Renowned national and international scientists participated and shared their findings on various fields of biochemistry and biotechnology.

Wright Brothers' biplanes are back in action, this time without pilot

The first powered flight of human history on December 17, 1903 was a biplane configuration flown by Wright brothers. However, biplanes were abandoned later for various reasons. About 11 decades later, technology protagonists have resumed work on biplanes but this time for Micro Air Vehicles (MAV). Micro Air Vehicles (MAV), a class of Unmanned Air Vehicles (UAV), defined as such due to its dimensional constraint of approximately 6 inch \times 6 inch.

The Aerodynamics and Flight Mechanics group of Research Center for Modeling and Simulation has deciphered its complex aerodynamics using Computational Fluid Dynamics techniques. Arooj Fatima, MS student of RCMS worked on the development of empirical estimation procedure to design such vehicles. The complex nonlinear interactions can now be modeled using simple empirical set of relations. Such scholarly contributions help in the shorter design and development cycle at reduced cost. Such vehicles are typically used for Intelligence, Surveillance and Reconnaissance (ISR) missions. There is a huge potential of utilization of such vehicles by various law enforcement agencies of Pakistan.



SMME students visit PAC, Kamra

The students of SMME batch ME-02 & ME-03 visited Pakistan Aeronautical Complex (PAC) Kamra on 31st March. Upon their arrival, the students were given a detailed briefing about the complex. Thereafter, they were shown two factories where the officials from the PAC briefed them about the planes being manufactured at the complex. The officials apprised the students that PAC had a wide customer base, both locally and internationally. Other than supplying to Pakistan

Army, Pakistan Air Force and the Pakistan navy, PAC also serves the demands of countries like UAE, Turkey, USA, South Africa, Sri Lanka, Saudi Arabia etc. The students were also shown the infamous JF-17 Thunder aircrafts. The JF-17 Thunder were a treat to watch and the students took their time to visually inspect the engineering marvel. The PAC officials answered all the questions by the students and the visit concluded with refreshments.

Interdisciplinary internship programme at RCMS

A group of five BSc (Hons)-Agriculture final semester students from the University of Agriculture Faisalabad (UAF) recently started their three-month internship programme at the Research Centre for Modeling and Simulation (RCMS). Rector NUST Engr Muhammad Asghar has shown keen interest in this programme. The programme, formulated, to address the needs and requirements of interdisciplinary research in Pakistan, includes lectures, tutorials, workshops, visits and hands-on experience of modeling and simulation using high performance computing facilities at RCMS. Internees are also being afforded opportunities to visit institutes relevant to their field at NUST to promote interdisciplinary research between NUST, UAF and various national institutes and organizations.

“Our greatest weakness lies in giving up. The most certain way to succeed is always to try just one more time.” - Thomas A. Edison



Counseling, training sessions for PNEC faculty, students



In order to provide counseling services to students, a team from Centre for Counselling and Career Advisory (C3A) visited Pakistan Navy Engineering College, Karachi from 27th to 31st January. A total of 53 students were counselled regarding their personal, professional and academic issues. They were made aware of time management skills and

losses incurred due to procrastination. The students benefited from the training, and desired to attend more such trainings in future as well.

A lecture titled 'Effective teaching skills and student handling' was also arranged for PNEC faculty. It was an interactive session with discussion and QA Session. The participants were made

aware of the key elements of a classroom management, teacher's professional skills, teaching skills and classroom climate. The importance of being an educator emphasizing on ethics and not merely teaching was explored. The needs of a teacher and the concerns for their psychological well-being were also emphasized.

Papers published in reputed journals

A research paper titled 'A Framework for Assessing the Consequences of Deferred or Hastened Highway Asset Interventions' authored by Dr. Muhammad Bilal Khurshid of Military College of Engineering (MCE) and Dr. Muhammad Irfan and Dr. Anwaar Ahmed of National Institute of Transportation (NIT), SCEE has been published in March 2014 in one of the pinnacle journals in the area of Infrastructure Engineering with an ISI impact factor of 2.805 i.e. Journal of Structure and Infrastructure Engineering: Maintenance, Management, Life-Cycle Design and Performance, Taylor and Francis, UK.

Meanwhile, a research paper titled 'Analysis of Labor Productivity of Road Construction in Pakistan' authored by Abubakar Muzamil, CEM PG Student at MCE and Dr. Muhammad Bilal Khurshid of Military College of Engineering (MCE), has been published in Feb 2014 in International Journal of Engineering and Advanced Technology (IJEAT) with an impact factor of 1.0.



CMS implementation enters build phase

Implementation of Campus Management System (CMS) at NUST is in progress. The sign off activity has been successfully completed, which is a result of combined efforts by CMS team and all stakeholders from NUST institutions and directorates. With the completion of this sign off, CMS De-

sign Phase has effectively come to an end. Heading towards the Go Live, CMS team has started working on build phase where actual configuration would be started as per signed off To- Be processes documents. CMS Team is making an untiring effort to meet all the project timelines.



Youngest medical graduate of Pakistan

Saadullah Ahmed was born on 26th of February 1995 in a military hospital at Al Kharj, Saudi Arabia. His father, Shahbaz Ahmad, works as a Financial Advisor and his mother, Nusrat Shehbaz, is a Pediatric Dentist in the same hospital he was born in. He has one elder brother, Barik, who graduated two years back from Army Medical College. Saadullah started school at the age of three years after which, at the recommendation of his teachers, he was double promoted in various classes. In

2007, he completed eight IGCSEs at the age of 12 and sat his A-Levels examinations the following year.

He appeared in SAT-II exam in June 2008 and was subsequently admitted to Army Medical College, NUST on 21st November 2008 in 33rd MBBS Course at the age of 13 years.

He completed MBBS on 20th November 2013 at the age of just 18 years and 9 months, thus becoming the youngest medical graduate of Pakistan and the Muslim World.



Saadullah Ahmed

“The only person you are destined to become is the person you decide to be.”

- Ralph Waldo Emerson

NEWS IN PICTURE



▲ Annual Inspection of Pakistan Navy Engineering College (PNEC), Karachi was held on 26 March 2014. Vice Admiral Khawaja Ghazanfar Hussain HI (M) Commander Karachi along with the staff officers of the HQs COMKAR visited PNS JAUHAR. COMKAR inspected the Guards and Division in Dress No.1. After divisions, Commodore Ather Saleem SI(M) delivered a presentation to COMKAR and Staff Officers of headquarters. Later Commander Karachi was taken for a visit of the college.



▲ The Hifz-o-Qiraat Competition 2014 was held at Bahria Auditorium, Pakistan Navy Engineering College (PNEC), Karachi on 21 March 2014. A large number of Officers, CPOs/Sailors and Civilian from different Commands attended the event. Commodore Muzammil Hussain SI(M) Drafting Authority graced the occasion as chief guest and gave away prizes to the winners. COMPAK team won the overall trophy for the event.



▲ Physical Efficiency Test for the Staff Officers of Pakistan Navy Engineering College (PNEC), Karachi was held on 18 March 2014 at NPT&SC athletic track. All Officers along with Commandant participated in the event.



▲ A meeting on begomoviruses (cotton virus) was organized on Feb 12, 2014 at Atta-ur-Rahman School of Applied Biosciences (ASAB) under the auspices of International Center for Agricultural Research in the Dry Area (ICARDA) funded project. Diversity of begomoviruses, recombination events, situation of cotton viruses in Pakistan, role of insect vector in disease spread, disease control strategies and future prospects were discussed.



▲ 1st National Information Security Conference was held at Pakistan Navy Engineering College (PNEC), Karachi on 28 March 2014. Vice Admiral Khawaja Ghazanfar Hussain HI(M) Commander Karachi graced the occasion as chief guest.



◀ Prof. Dr. Nadeem Firoz visited NUST Business School and gave a lecture on "Comparison of Business Practices in Emerging Markets vs. Developed Markets" on March 26, 2014. The talk was organized by the department of International Business & Marketing, for students of BBA 2K11 batch.



▲ CAE has recently shifted from PERN1 to PERN2 connectivity. To apprise comdt CAE, a briefing was arranged in IT Centre of CAE, Risalpur. Comdt CAE appreciated the efforts of local IT team for shifting from PERN1 to PERN2.

Workshop on Occupational Health and Safety in Construction - MCE



A one-day workshop on 'Occupational Health and Safety in Construction' was organized at MCE on 15 March 2014. The event was organized as part of continued Professional Development activities being arranged by MCE from time to time. Shahnaila Gul, an expert in the field of construction Management conducted the workshop and discussed various aspects of health and safety management systems, organizational safety plans and policies, job safety analysis etc. A total of 63 participants from different walks of life attended the workshop and appreciated the event.

International Workshop on Discrete Structures at SNS



School of Natural Sciences (SNS) organized an international workshop on 'Discrete Structures' lasting three days starting from March 5, 2014. The workshop covered a variety of topics, but a majority of talks were focused on Graph Theory, Coding Theory and Discrete Optimization. Plenary talks were delivered not only by international scholars hailing from Germany, Indonesia, India, Japan, Spain, Romania and Turkey, but also by Pakistani scholars affiliated with LUMS and BZU. A large number of students, including one from Nigeria and

two from Turkey, and faculty members belonging to most of the universities of Pakistan actively participated in the workshop by presenting their research in sessions devoted to contributed papers. Students of SNS and other scholars had the opportunities to exchange ideas during academic sessions as well as some social events held as part of the workshop. The papers presented in the workshop will be published in an international journal.

DBS organizes Seminar on Ethical Considerations in Research



A seminar on 'Ethical Considerations in Research' took place on 7th March, 2014 at NBS Seminar Hall. It was organized by Department of Behavioral Sciences (DBS), School of Social Sciences (SSH), NUST.

Dr. Salma Siddiqui, (HoD) Behavioral Sciences, opened the session with her welcome speech. In her talk, she emphasized on the importance of following ethics in research as well as clinical practice and how unethical practices are damaging our society as a whole. This situation necessitates a high level of understanding and practice of ethics so as to keep in mind the best interest of human subjects and to ensure that no stage or activity of research process or clinical practice ever poses any harm to human beings.

Dr. Farhat Moazam, Professor and Chairperson, Center of Biomedical Ethics and Culture (CBEC), SIUT, Karachi, in her presentation explained some of the key concepts related to Ethics in Research (informed consent and confidentiality) and what implies being an ethical researcher. She presented

difference between traditional codes and contemporary bioethics and how they guides researchers conducting research in an ethical way.

Dr. Aamir Mustafa Jafarey, Consultant, Surgeon, Associate Professor, Department of General Surgery, Aga Khan University Hospital, Karachi, shared with audience the challenges in research ethics. In his presentation, he presented an overview of some of the researches and experiments carried out in the near past which were very much un-ethical as per current standards and their implications on human beings.

Dr. Riffat Moazam Zaman, Consultant Clinical Psychologist and Professor, Department of Psychiatry, Aga Khan University Hospital, Karachi talked about challenges specific to social sciences research. She shared with the audience about the complexity of ethical realities based on the experiences of collecting data from Kindney Vendors in Sarghoda for her research project.

A thoughtful discussion of issues relevant to Pakistani society was facilitated by the resource persons during Ques-

tion/Answer session. The questions and comments made by participants of seminar were indicative of fruitful outcomes of this activity.

Dr. Ashfaq Hasan Khan, Dean and Principal (SSH) appreciated the importance and sensitivity of issue and thanked the resource persons for visiting the university and devoting their time to hold this seminar.

In the end Eng. Muhammad Asghar, Rector NUST shared his thoughts. He stressed that as an academic institution, NUST is looking forward to achieving excellence in research by ensuring that faculty and researchers in NUST conduct high quality research and scientific inquiry which itself involves doing research in an ethical way. With the launching of the School of Social Sciences and Humanities (SSH), NUST has now provided yet another platform from which to promote education, training and research that is relevant to the communal, social and global challenges faced by Pakistan today.

Workshop on Ethics in Psychological Research and Clinical Practice

Department of Behavioral Sciences (DBS), School of Social Sciences (S3H) organized a two-day training workshop on 'Ethics in Psychological Research and Clinical Practice' on 7th-8th March, 2014. Dr. Riffat Moazam Zaman, Dr. Farhat Moazam and Dr. Aamir Mustafa Jafarey, renowned professionals in their disciplines and faculty of Centre for Biomedical Ethics and Culture (CBEC), Karachi were the resource persons for this workshop. The issue of ethics in research and clinical practice is central to disciplines of Behavioral Sciences and Social because research and clinical practice involves use of human subjects. The objective of this training workshop was to underscore the importance of ethics in research and practice involving human subjects. Faculty members from Fatima Jinnah Women University, Rawalpindi, Islamic International University, Islamabad, post-graduate students from National



Institute of Psychology, Islamabad and Fauji Foundation University attended the workshops. Besides Clinical Psychologists working at Benazi Shaheed Bhutto Hospital, Rawalpindi and Rozan, participated in this workshop. Staying in line with the objectives of this workshop, the resource persons presented scenarios which sensitized and educated the participants about ethical dilemmas in research and practice involving

humans. The aim of these case-based discussions was to provide participants with a framework with which to address and resolve these ethical dilemmas.

A very positive feedback from participants reflected the beneficial outcomes in terms of promoting ethical practice in psychological research and clinical practice.

One-day Workshop on Sustainable Energy Solutions for Energy Efficiency and Conservation

A one-day Workshop on sustainable Energy Solutions for Energy Efficiency and Conservation was held on March 13, 2014 at Pearl Continental Hotel, Lahore. This event was organized by Energy Department, Govt. of the Punjab with collaboration with IFC (International Finance Corporation). Dr. Muhammad Bilal Khan Principal/Dean CES-NUST and Engr. Rashid Wazir Malik Project Engineer CES-NUST attended this workshop on behalf of Rector NUST. Distinguished national and international participants from different Govt. departments, academia and industry participated in this workshop. The objectives of this event were to share global trends and challenges in energy efficiency and conservation, assess energy management program, energy audit and capacity building in Pakistan, assess the relevant financial instruments available in Pakistan and develop a clearly defined, and consensus based, reform agenda to improve the framework for sustainable energy solutions for energy conservation, which will clearly identify roles and responsibilities, and a time bound road map. Different solutions/ suggestions for energy

conservation were discussed during the workshop. In the round table discussion it was highlighted that the authorities may develop energy efficiency standards and labels for the industry and consumer products. It is less costly to deploy energy efficient equipment and practices than to build new energy generation plant. Energy efficient technologies may be introduced in industrial estates and industry i.e. textile and sugar. IFC (International Finance Corporation) introduced simulation software for construction of new energy efficient buildings in Pakistan.



International Conference of Anatomists at CMH, Lahore

Lt Col Khadija Qamar, Associate Professor of Anatomy at Army Medical College (AMC), presented paper 'Role of Dissection in light of students' perceptions' as oral presentation and poster presentation on 'Self-Regulated Learning' reflecting the new concept of self-regulated learning as it helps facilitate and encourage students in self-monitoring of their own learning through goal-setting, criteria building, descriptive feedback, and reflection at International Conference of Anatomists at CMH Lahore Medical College from 21 to 22 March 2014. The conference was focused on the academic challenges in the anatomy and the modern educational trends. Paper reflected an insight into the perception of dissection, symptomatic and emotional reactions student experienced with appreciation of the need to become involved actively in the process of dissection. The

session was chaired by Prof Dr Atiya Mubarak, Principal Avcina Medical College Lahore, Prof Nazreen Shareef, Head of Department, CMH Lahore Medical College.



SMME organizes CAD/CAM CNC Workshop

A CAD/CAM CNC workshop was organized by School of Mechanical & Manufacturing Engineering (SMME) NUST from 17th Feb to 21st Mar. The 05 week workshop saw 26 candidates hailing from renowned private sector and government organizations take part. The workshop covered all three areas notably Design, Analysis and Manufacturing that are essential to modern engineering practices. The workshop was unique in its approach of practical based learning. Moreover 05 PhD instructors each having different area of specialty were directly involved in the training that resulted in a comprehensive coverage of all important areas that lie under the domain of Design and Manufacturing of products. The workshop was concluded on the 21st March with a certificate distribution ceremony attended by Principal SMME Dr Abdul Ghafoor. At the occasion, the principal emphasized the importance of such courses in enhancing industry university linkage and enabling the exchange of ideas and best practices.



Guest Speaker Lectures-MCE

Prof. Dr. Muhammad Anwar Baig visited Military College of Engineering (MCE) as a guest speaker and enlightened the students on the topic "Water that we drink". Prof Dr. Muhammad Anwar Baig has done his PhD in Soil Water & Environmental Sciences from University of Arizona, USA. He has worked at various international and national teaching assignments. Dr. Anwar Baig has been apart of Institute of Environmental Science and Engineering (IESE), NUST in 1998. Presently, he is serving as Head of Department at IESE. He has authored more than 50 research publications in various national and international journals and is also a reviewer of many scientific journals.

Meanwhile, Prof. Dr. Khan Noor Muhammad visited Military College of Engineering (MCE) as a guest speaker to deliver a lecture on "Review of Flood Management Institutions of Pakistan". Prof Dr Khan Noor Muhammad holds a PhD degree in Water Engineering and Management. He has about 22 years of work experience at different institutes and has a vast experience in the field of research as well as publications on international level.



Experimental Aerodynamics Course for DESTO Researchers

A five-day short course on 'Experimental Aerodynamics' was held at Aerospace Engineering Department, College of Aeronautical Engineering (CAE), Risalpur for researchers of Defense Science & Technology Organization (DESTO). The course included fundamentals of Wind Tunnel Testing, Flow Measurements & Visualization, Fluid & Aerodynamics and Propulsion Systems. The course also included complete round of experiments on state-of-the-art wind tunnel facilities at CAE. The participants were very appreciative of the course contents and said that the sessions were highly informative, important and relevant to their work. All the knowledge and techniques learnt in the training can be applied to their field work. The course was concluded with certificate award ceremony. Commandant CAE awarded the certificates to the course participants.



Director QA Presents Paper at APQN 2014

The Asia Pacific Quality Network (APQN) Conference 2014 was held in Hanoi, Vietnam from March 7-8, 2014 on the theme of 'Higher Education Quality Assurance in a Changing World: Envisioning the future of Asia Pacific.' Director Quality Assurance NUST, Engr. Muhammad Ismail, presented a paper on 'External Quality Assurance of Pakistani universities.' He deliberated upon the HEC Quality Assurance Framework, the periodic review policy of the individual Pakistani universities, institutional performance evaluation (IPE) visits of universities by the review panels constituted by QAA, the pre-visit activities, on-site engagements and the

post-visit activities of the panels. He also discussed the expected impacts of External Quality Assurance (EQA) initiative on the universities in making up their deficiencies. He declared that IPE visits will help the evaluated universities in enhancing the quality of education and research through improvement in the infrastructure resources, facilities and processes. Engr Muhammad Ismail concluded his presentation with the statement that EQA is taking roots in Pakistan and is expected to make a discernable difference in the realm of quality in higher education.

C³A faculty presents paper at ICEPS 2014

Centre for Counselling and Career Advisory has an ongoing interaction with adolescents and is well aware of their emotional issues. This can be associated to their brought up, their psycho social development and their parenting. Parenting is no doubt an important factor in the personality development of adolescents. A need was identified to research upon the relationship between adolescents and their parents. Since mothers are considered the primary caretakers, previous researches quoted the role of mothers sufficiently. However; the role and impact of fathers needed to be explored in detail.

A research was conducted on 'Fathers' masculinity ideology and their adolescents' perception of fathers' love.' The paper was presented by C3A psychologist, Syeda Sanobar Rizvi at International Conference of Educational and Psychological Sciences (ICEPS) by International Economics Development and Research Cen-



tre (IEDRC). The conference was held in Barcelona, Spain from 21st to 22nd February 2014. Her paper was declared as the best paper of the session.

Prof Dr Tanveer-uz-Zaman delivers lecture at MCS

Faculty development tends to be a regular feature of every quality academic institution. This includes various measures and inviting eminent researchers to give exposure to faculty especially the younger ones is one of them. Military College of Signals (MCS) always focuses on this important aspect by arranging guest speaker lecture etc. On 26th February 2014, a guest speaker lecture titled "Importance of Pre and Post Laboratory Activities at UG Level in the light of Research Evidence" was organized by inviting Prof Dr Tanveer-Uz-Zaman, Dean Faculty of Education, AIU Islamabad. Department of H&BS of the College arranged the activity. All faculty members, laboratory engineers/ demonstrators attended the lecture and the



Q&A session was held at the end of the lecture. Brigadier Dr. Fahim Arif, Chief Instructor of the College presented College Shield to the Guest Speaker, whereas, Prof Dr. Brigadier Ashraf Masood (Retd), Dean MCS, concluded the session by highlighting the importance of learning through laboratory work and paying gratitude to the guest speaker.

Faculty training programme - PDC



To familiarize the newly appointed faculty with NUST, a two-day training workshop was organized by the Professional Development Center (PDC) from March 24 to 25 at NUST. The workshop was attended by the faculty from SEECS, SCEE, NBS, SCME, ASAB, SNS, SADA and S3H.

Pro-Rector Academics, Dr. Asif Raza on behalf of Rector NUST addressed the opening session and congratulated the newly appointed faculty on becoming the part of NUST. His address was followed by a question and answer session.

Director HR was the second presenter.

He threw light on policies and SoPs as well as rules and regulations concerning the HR Dte of NUST. He explained policies pertaining to recruitment, contract employment, probation period, promotion, performance evaluation, leave policy and tenure track system for faculty. He laid major emphasis on the faculty development program and faculty mentoring and coaching held at NUST to ensure personal and professional growth of employees. The second day of the workshop began with the briefing session by Director Admin. Arif Siddiqui regarding administration policies of NUST and issuance of NUST

ID cards to the new faculty members. Director Research, Dr. Riaz Ahmad and Director Academics, Engineer Zuhr Khan also addressed the newly inducted faculty and briefed them about the functioning of their respective directorates.

The workshop concluded with the address of Pro Rector Planning and Resources, Engr. Muhammad Shahid, who gave an overview of the resource planning activities of NUST and wished the newly appointed faculty good luck and success in their careers.

Geometric Dimensioning and Tolerancing ASME Y14.5 - PDC

Professional Development Center (PDC) organized a two-day training on Geometric Dimensioning and Tolerancing ASME Y14.5 for engineers, designers, drafters, machinists, inspectors, manufacturing and quality engineers interested in a greater understanding of engineering drawings with GD&T specifications. Participants from various organizations attended the training. Dr. Liaqat Ali and Dr. Mushtaq Khan, faculty at NUST School of Mechanical and Manufacturing Engineering (SMME) were the resource persons for this training.

The objectives of the workshop were firstly to recognize the differences between plus/minus dimensioning and position tolerance. Secondly, to learning the features control frames and the datum reference frame concepts regardless of feature size and maximum material condition. The workshop was a complete blend of theory and practice. The resource persons managed to identify the problems faced by the participants in their real work conditions and addressed them to their greater satisfaction. The participants also requested to arrange another workshop on advance level for their senior management. The two days workshop was concluded by awarding of certificates to the participants by Dr. Abdul Ghafoor, Principal SMME who appreciated the efforts of PDC in bridging industry-academia linkages.



CAE holds Open House for 76 Engineering Course

The Best Project Presentations and Open House of 76 Engineering Course was held on 28 February, 2014 at College of Aeronautical Engineering (CAE). Air Vice Marshal Muhammad Salman, SI (M) Deputy Chief of Air Staff (Engineering) Pakistan Air Force was chief guest at the occasion. The final year student project phase is the culmination of the bachelors programme challenging the theoretical foundations formed during the course of studies while inculcating the professional attributes for times to come. This day marked the completion of the persistent efforts that have been put in by the students of the 76 Engineering Course and realization of academic endeavors for the last four years of studies. It was a great moment of pride replete with a feeling of enrichment, and an important



moment in the lives of students. The Best Project Presentations in Aerospace and Avionics Engineering disciplines were followed by Open House. The quality project work demonstrated by the students during Open House was a testimony to the fact that CAE graduates can compete with anybody at any level. The ceremony was also attended by representatives from public and private sector industry and academia.

“If we knew what it was we were doing, it would not be called research, would it?”
- Albert Einstein

Workshop on ESCO Market Development in Pakistan

GIZ-Renewable Energy and Energy Efficiency team, organized a three-day workshop titled 'ESCO Market development in Pakistan' held on March 11th-13th, 2014 at Pearl Continental Hotel Lahore. Center for Energy Systems (CES) faculty, Dr. Adeel Waqas and Industry Liaison Officer, Fawad Kashan represented CES, NUST. A large number of university researchers, engineers, academicians, scientists and industry representatives attended the workshop. The main agenda of the workshop was to establish the ESCO markets in the field of energy efficiency, energy conservation and renewable energy in Pakistan.

Different representatives from industries and academia were present, and it was also discussed that linkages between Academia-Industry is vital for successful working of ESCOs in Pakistan. Furthermore, ESCOs are typically

able to deliver cost-effective savings to end-use customers primarily through the use of performance-based contracting where ESCOs guarantee annual savings levels, typical energy service company identifies and evaluates energy-saving opportunities in industrial

units, commercial complexes, hospitals, municipalities and utilities, among others, by using energy audit tools and recommends a package of improvements that can pay for itself through the resultant savings.



EME faculty earns best paper award at international conference

Dr. Umar Shahbaz Khan, a faculty member at College of Electrical and Mechanical Engineering (EME) NUST presented his paper at '2nd International Conference on Latest trends in Electronics and Electrical Engineering' from 11th to 12th January 2014 at Pattaya, Thailand. The paper was titled 'Evolution of Myo Electric circuitry development in Pakistan.' It presented an overview of latest myo electric research being carried out in the country in general and by NUST, College of EME Mechatronics department primarily. The work was very much appreciated by all participants, organizers and keynote speakers. The paper was awarded best paper award.



MCS faculty member publishes research paper in international journal

Dr Muhammad Hanif, a faculty member at MCS, has published a research paper during the month of March 2014 in HEC approved ISI indexed journal. His paper titled "Optical Emission Studies of Sulphur Plasma Using Laser Induced Breakdown Spectroscopy" is published in Springer journal of "Optics and Spectroscopy", volume 116, issue 2, having impact factor 0.559. During the year 2013, he has published eight research papers in various international journals and presented one research paper in an international conference. However, it is his second publication during the current year.



USG UNDPKO visits NUST

Herve Ladsous Under Secretary General UN Department of Peacekeeping Operations (UNDPKO) visited Centre for International Peace and Stability, NUST on March 25 as a part of the continuing engagement of CIPS and UNDPKO on

peacekeeping training. The delegation included Lieutenant General Maqsood Ahmed Military Advisor (MILAD) to the USG, Stefan Feller Police Advisor and Guillaume Darne Political Affairs Officer UNDPKO. During the course of his visit, the USG was given a briefing on NUST and CIPS and was also conducted to the Centre's training facilities. The visiting dignitary took keen interest in peacekeepers' participation in Exercise Carana. The esteemed guest and members of his delegation were then presented university souvenirs by Rector NUST Engr Muhammad Asghar.



Team from British Council

A team from British Council visited Centre for International Peace and Stability (CIPS) on 26 February 2014. Members of both CIPS and British Council worked on some ideas of collaboration for mutual benefit.



Parliamentary Secretary Ministry of KAGB

Chaudhry Hamid Hameed, Parliamentary Secretary, Ministry of Kashmir Affairs and Gilgit-Baltistan, Government of Pakistan and member subcommittee on Higher Education, visited School of Mechanical and Manufacturing Engineering (SMME) and Research Centre for Modeling and Simulation (RCMS) on 26th March 2014. He was accompanied by Pro-

Rector P&R Engr Muhammad Shahid.

Upon arrival at SMME, the delegation was received by the Principal SMME. The visitors were taken around the school during which they were briefed on various research and development projects that are underway at different laboratories. At RCMS, the honourable guest along with other members of the delegation was briefed about the supercomputing facility and completed/on-going research projects by Principal RCMS, Dr. Ahmed Ejaz Nadeem. The visiting dignitary appreciated the endeavours of RCMS in the field of Modeling and Simulation.



SFCG delegation

Faculty of Center for International Peace and Stability (CIPS) held a meeting with a delegation from Search for Common Ground (SFCG), a renowned organization working for peace,

on 13 February. SFCG has offices in more than 30 countries around the world. Considering a wider network of SFCG, CIPS faculty proposed SFCG for providing assistance in facilitating the fieldwork of its PhD students. CIPS and SFCG agreed on commencing institutional collaboration through joint workshops, guest lectures and exchanges for students.



FASTTECH 2014

FASTTECH was held on 11 March. It comprised sixteen different competitions related to Electrical Engineering, Business Administration, Computer Science and other technical fields. Twenty-three teams from Pakistan Navy Engineering College (PNEC), Karachi took part in eight different competitions of the mega event. PNEC society, American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) Students' branch was also a part of team. In order to create awareness a free of cost stall was arranged to promote 'Green Building'. Mr. Anas Masood (IV-EE) and Mr. Shehryar Aziz (IV-EE) were the campus ambassadors of FASTTECH'14 from PNEC. PNEC won Project Showcase, Entrepreneurship Innovation Plan,



Ad-making and Best campus ambassadors competitions bringing laurels to NUST.

All Karachi Inter-university Debate Competition 2014

Mohammad Ali Jinnah University (MAJU) organized All Karachi Inter-University Debate Competition 2014 on 12 March 2014. Sixteen teams from all over Karachi participated. Pakistan Navy Engineering College (PNEC) team comprising S/Lt Shoaib Afzal PN (P No. 8857) and Mr Talha Saleem participated in the event. S/Lt Shoaib Afzal PN of the PNEC team won 3rd position in Urdu Category.



Annual Inter-company Bilingual Declamation Competition- AM College

Annual Ayub Challenge Intercompany Bilingual Declamation Competition was held on 21st March. Major General Amjad Faheem HI(M), was the chief guest for the event. Ishrat Hyyat, Brig Asif Haroon Raja and Dr. Salman Bakhtiyar were the judges for English serious debates whereas Urdu debates were assessed by Zahida Azhar and Ayesha Jahang-eer. Amidst roaring applause from audience, the speakers from each of six companies, one after the other, competed in three categories: English serious; Urdu serious and bilingual humorous debates. Huge round of applause and cheering was seen from all six companies. Finally the event culminated with speeches by chief guest, Major General Amjad Faheem HI (M), and Principal Army Medical College, Major



General Salman Ali HI (M). The winning cadets were presented with shields. The winners for English serious debates were: Zainab Javed, Fatima (first), Warda Faridi, Ayesha (second) and Zaheer Babar, Qasim (third). Urdu serious winners were Ahmed Cheema, Sina (first), Maryam Sibghat, Fatima (second) and Asad Jameel, Qasim (third). Winners for humorous debates were Sajid Ameer Faheem, Sina (first) Osama Mateen, Ayub (second) and Osama Zahid, Razi (third). Sajid Ameer Faheem also got the best speaker award for the event.

MCE team participate in declamation contest – UET, Lahore

Military College of Engineering (MCE) participated in 21st All Pakistan Bilingual Declamation and Parliamentary Debates Competition held at University of Engineering and Technology, Lahore from 07 to 10 March. A team of gentlemen cadets, comprising GC Hasnain Haider as chaperon; GC Umer Anjum Minhas and GC Irtiza Ziyafat for declamation; and GC Waqar Sarwar and GC Saadullah bin Shabbir for parliamentary debates, went to participate from MCE. The team known for its oratorical skills participated with full enthusiasm in the competitions. In parliamentary debates, the team fought well and qualified for the semifinals but could not advance further. In the bilingual declamation contest, competed by more than 40 universities from across the length and breadth of Pakistan, the team MCE rose to the occasion. Some of the prominent names were King Edward Medical College, Forman Christian College, UET Lahore, University of the Punjab, Balochistan University, Government College Lahore, etc. Though the team of MCE could not qualify for the next round, GC Umer Anjum Minhas managed to qualify for the final round and ended up as the best English speaker of the house by securing first position in English Declamation Category.



Annual Inter Company Parliamentary Debates Competition - AM College

Annual Intercompany Parliamentary Debates Competition was held at Ayub Auditorium of Army Medical College on 25th March. President Amcolians Debating and Literary Society, Mohsin Chaudary and Shiza Khan Durrani conducted the event. Colonel Gulnaz Ahmed, Major Palvasha Waheed, Major Sabeen Khurshid and Colonel Afzal Baig were judges for the event. A total of four participants from all of the six companies took part. Winners for "For" the topic were :Tehreem

(ayesha) third; Yumna (fatima) second and Mahad (sina) first. "Against" the motion winners were: Aleena (fatima) third, Nimra(ayesha) second and Hamza (razi) first. HamzaJahangeer was declared the best speaker and his resource person Ahmed Hassaan Malik the best resource person for the event. Overall fatima secured third position, ayesha claimed second and Razi bagged first position for year 2013-2014 inter company parliamentary debates competition



Ad Effect - the ad-making competition - NBS

NUST Business School students won LUMS 'Ad Effect - The ad making competition' held on 15th and 16th March 2014. BBA2012 students (3rd Year: Rabiah Batool Muzammal, Usman Ali, Alina Hussain, Harris Atta and Rayshum Naveed Kayani) won PKR 60,000 out of 27 Teams from different institutions from all over the country. Every team was given a different product for the first round, whereas for the second round, in which only 13 teams could qualify, participants had to make an ad on Namal College within 16 hours. The runners-up of this competition are also from NBS i.e. MBA 2K13 and both the teams can be seen in the attached third photo.



Annual Intercompany Naat and Qirat Competition

Annual Intercompany *Naat* and *Qirat* competition was held on 21st march 2014 at Army Medical College, Rawalpindi. Major General Viqar Ahmed Khan was the chief guest for the event. Presidents amcolians naat and qirat society, Abdul basit and Zaeema Khalid were chairpersons for the competition. Qari Najam Mustafa and Qari Muhammad Rafeeq were judges for qirat while Mr. Manzoor-ul-Konain and Riaz Ahmed Qadri judged the naat participants. Exceptionally beautiful voices adorned the event which was acknowledged by Manzoorul Konain in his speech. He also made the event more spiritual by reciting a beautiful naat. Major General Viqar Ahmed appreciated the efforts of the participating cadets. In Qirat



competition, Abdul basit, president naat and qirat society was declared first from Ayub company. While in naat competition, Kaneez Fatima of Fatima Company clinched the first position.

Cleanup drive at PNEC

Students of Pakistan Navy Engineering College (PNEC), Karachi, undertook cleaning activity of the Unit on 24 March 2014. All students showed interest and participated in Community Services Course activity.



NEC takes rackup campaign to Japanese Park

NUST Environment Club (NEC) organized a clean-up of the Japanese Park on 22nd February. The park is a tourist spot located close to Murghazar Zoo of Islamabad.

A total of 20 students of final year undergraduate Class of Environmental Engineering, NUST along with the executive members of NEC and faculty advisor NEC took part in the

activity. It commenced with a briefing by the president of the club, Aitzaz Ahsan to the members on how to go about the clean-up. During this time, the students formed groups and roamed around the venue scavenging for any kind of trash that they could find. Since the garden was a public place, significant amount of trash was gathered and dumped.



Students and Faculty of all the campuses of NUST are requested to send their Essays, Poems, Caricatures, Short Stories for inclusion in the forthcoming issue of the magazine

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Dramafest '14

Drama Fest '14 took place on March 4. The event not only offered a welcome break from the hectic curriculum, but also a platform to showcase some of SEECs' creative talent.

As per custom, the event was organized by SEECs SGA Literary Society under the guidance of Minhali Sherazi who was the Drama-Team head of the society and was held at the Rawalpindi Arts Council. The chief guests included Dr. Muhammad Irfan and Mahmuda Ghaznia. The terms of the fest were simple; each batch of the undergraduates were to present a play, which meant a total of 4 plays were on display.

Titled 'Election Karahi,' the first play aimed at provoking serious thought on the election process in the country, albeit with a lighter tone. The 2nd play brought the freshmen on stage. 'Life at NUST' told the story of a group of friends, all from alarmingly contrasting backgrounds (China, FATA and Cheechawatni). With all the experience and a trophy to show for it, the seniors fell mighty short this time around. The play was set out as a social satire on the hypocrisy of the general public. From the unethical journalistic culture to the overall indifference people have towards those around them, the play included some of the more obvious problems of the society and asked the viewer to ponder upon them. Their play was arguably the most improvised, but the experience of the actors ensured that it did not fall apart. All in all, it was a decent effort, though not becoming of this talented lot.

Lastly, the juniors took center stage

and presented their highly melodramatic offering. The start was proverbially explosive; so unexpected and refreshing, that it all but ensured the trophy for the juniors. What looked like a hybrid of a mime and puppet show, it followed the lives of 5 army officers. It soon drifted away from the theme and took the form of a regular play about regular soldiers. From their stint at the



academy to their battle with terrorists and eventual demise, the soldiers were portrayed as normal people having abnormally demanding lives.

It was time for the judges to gather their thoughts and decide the winners. Eventually, the semi-cohesiveness of the freshmen play earned the newcomers the trophy. The sophomore and junior batches had some consolation by receiving the best actor and best story awards respectively. In most respects, the show turned out to be another successful endeavor for the student body of SEECs.

IESE tree plantation

A tree plantation ceremony was held in the backyard of Institute of Environmental Sciences and Engineering, on Feb 2 by NUST Environment Club. The special thing about this activity was the introduction of fruit trees into the NUST Environment, as no such trees are being planted or are already present in its premises. The students and faculty members enthusiastically participated in this Endeavour and planted trees with a hope that such activities will lead to the greater good of the environment.



LUMS Olympiad 2014

A team of 20 individuals from MCE participated in LUMS Olympiad 2014. Keeping in to consideration importance of co-and extra-circular activities MCE has always provided various national and international platforms to its students. This year, for the very first time MCE participated in an internationally recognized event that was held at LUMS on 11th to 14th of March, 2014 with 20 participants. Events in which students of MCE participated are as follows: futsal, volleyball, battle of bands, ad making, and cabinet crisis. Surprisingly in the very first participation MCE became prominent to every participant and witness at LUMS. Following are the main achievements: volleyball (finalist), futsal (semi finalist) and cabinet (Honorary Mention).



“Don’t aim for success if you want it; just do what you love and believe in, and it will come naturally.”
- David Frost

Robowars - SEECs

ACM SEECs Chapter organized an event named Robowars (A lego robot based competition) on 21st to 24th March 2014. In this event 20 teams participated. 3 teams came from EME to attend this event. The main three tasks of this event were 'Slope Climbing,' 'Speed Racing' and 'Sumo Wrestling.' The first two days i.e 21st and 22nd March were allotted for the

students to build and program their robots. 24th March was the main event day. Sumo Wrestling and Slope Climbing were more of interest for the student. SEECs students won the competition of Slope Climbing and Speed Racing whereas Sumo Wrestling was won by the team of EME. After the event a prize distribution ceremony was also held in which Sir Raza Kazmi was the chief guest. The event concluded with the serving of refreshments to the distinguished guests and the participants.



SMME students shine at THERMOCON '14

THERMOCON'14 was organized by Ghulam Ishaq Khan Institute in March 2014. The event comprises various technical competitions that serve to test the engineering stamina of the students. SMME student team of Waqar Sarwar and Mian Muhammad Hamdoun participated in "Green Idea" and secured first position in the competition. The team presented their research on Petroleum underground storage tanks and how standardizing their construction can save billions of rupees for Pakistan within a span of 20 to 30 years. They gave a comprehensive cost plan and expected results data which was not only appreciated by many industrialists but was also praised by the foreign judges. The team is highly



motivated to bring the related issues to limelight by giving presentations at every platform they can to help in eradicating the problems from Pakistan as soon as possible.

Wall climbing

Wall climbing 3.0 was organized by NUST Adventure Club (NAC) and held at the Ibex Sports Club on March 1. There were around 50 participants, all geared up for the wall climbing competition. The weather conditions were far from ideal for the participants, as light rain and chilly conditions did not help the participants in the climb. The judges, along with the event heads kept track of every individual's progress. At the end of the first round, 5 participants who completed the climb in the least time were shortlisted to proceed to the final round. Different courses were chosen for boys and girls for the competition. The final round was a pretty close affair in the boys' finale as Sajjad Ali and Basil Bukhari looked to

have completed the course in about the same time. However the official timings indicated that Sajjad had triumphed by 3 seconds! In the girls section, Mahrukh Mehmood recorded a comfortable victory, as she bagged the first prize.



SPORTS



Ifrah Wali: an emerging skier from NUST

A student of NUST Business School Ifrah Wali was picked to be a part of HEC team for National Skiing Championship 2014, held at Nalter, Gilgit Baltistan from 24 to 27 Jan 2014. She participated in two events i.e., Giant slalom and Slalom and she won silver medal in both events. She has participated in eight national skiing events since 2004 held in Pakistan and got seven Gold, five Silver and three Bronze medals. Ifrah was selected in National team for Asian Junior Skiing Championship 2007 and got 6th position. She got a Gold Medal at First South Asian Winter Games held at India in Giant Slalom category. Recently, she participated in FIS Ski Championship, which is the qualifying round of Olympic Games. It was the first time her name got registered in Federation of International Skiing (FIS).



Intervarsity Hockey Championship 2013-14

Intervarsity Hockey Men Zonal Championship was held from 1-3 March 2014. Preston University hosted the said competitions. The hockey team of AMC represented NUST in this event. NUST team comprised Tallah Rehman (Captain), Aoun Ayub, Muhammad Dawood, Muhammad Sheraz, Ahad Sharif, Hashim Ejaz, Syed Najaf Abbas, Hamad Khan, Saqib Khurshid, Sajid Amer, M Usman Zeeb, Khalil, Umar Naheem, Assad Jamil, Anjum, Mudassir (MCE) and Asad Abbas (MCE).



NUST wins Intervarsity Basketball Men Championship 2013-14

NUST won Intervarsity Basketball Men's Zonal Championship 2013-14 by defeating Bahria University with the match score of 72-36 in a thrilling final played at Indoor Gymnasium, Bahria University, Islamabad on 8th March, 2014, and qualified for the final round. 12 teams from Zone "C" of HEC participated in the championship including Bahria, IIU, COMSATS, MAJU, Preston, FAST, QUA, UET, Arid Agriculture University, Air University, NUML and NUST. The championship started on 6 March, 2014. A large number of sports enthusiasts witnessed the championship.

NUST had remained unbeaten in the Championship, defeated FAST in first match by 60-29 score then defeated NUML by 64-19 Score and in Semifinal, NUST defeated COMSATS by 61-19. It is pertinent to mention here that Toufeeq Anwar, Muhammad Fahad and Bassam Raza demonstrated outstanding performance in semifinal and final match.



Sports Gala 2014

After a month of locking horns and engaging in intense competitions across almost all possible, conceivable sports, it was finally time to say goodbye to Sports Gala 2014. As per annual SEECs tradition, the final few, most hotly contested matches and some events such as athletics and lawn tennis



took place at the Islamabad Sports Complex during the much awaited long weekend at the end of March.

The closing ceremony took place on 30th March after some much anticipated final matches of football, tennis and volleyball. CEO Netsol Technologies and a pioneering figure in the field of IT was the chief guest at the occasion. The chief guest lauded the students' efforts in befittingly organizing the gala.



Annual sports day Army Medical College 2013-2014

26th March, marked as the raising day of Army Medical College Rawalpindi, was also the annual day of sports week for the year 2013-2014. The day started off by march past by the drill squad comprising of students from all six companies: Ayesha, Fatima, Razi, Qasim, Ayub and Sina. The event was officially declared open by Principal Army Medical College, Major General Salman Ali HI(M). The flag of drill competition was given to the company senior under officer Sina Company, Abdul Rehman by the Principal. Quality of life

competition trophy was handed over to the company junior under officer Sina company, Abbas Janjua. Numerous races for boys including 100 metres race, company appointments rally race, company rally race and pitcher breaking competition were held. Girls took part in three legged race, lemon spoon race and net ball shooting competition. All six companies celebrated and danced on drum's beat. Prizes were distributed in winners of the races. Winning teams of hockey, cricket, squash and football were presented with the shields. Stu-

dents from 34th MBBS and 13th BDS were awarded with 'Colours of AMC' for 2013-2014 in categories of athletics, hockey, cricket, squash, badminton, football and table tennis. Usman Zeb became the best sportsman and Aaiza Iftikhar, the best sports woman for year 2013-2014. Ayub Shield was won by Fatima company and Principal Challenge was shared by Ayesha and Fatima company. On boys side, Sina won the Principal Challenge and were also declared champions for year 2013-2014.



NCSC edvolution team visits Maseeh Gill Colony



Every earthling is born with a beautiful sense of care. Kids, the most sensitive part of our society, are one such beauty of a creature.

The kids of Maseeh Gill colony, deprived of having a blissful childhood due to the unfortunate circumstances, were given a little free air to breathe in. During holiday weeks, NUST Community Service Club's (NCSC) Edvolution team planned

several playful activities for those kids. The team is also teaching 30 to 40 students per week under Project Umeed. On every alternate week day of March, a team of 7 members had a wonderful 2 hour activity session with the nippers with their talents lashing out and uncontrollable urge to burst into a signified persona. The month passed in the blink of an eye but preserved are those colorful moments.

Tree plantation at Dar-ul-Afiyat old home

A group of 14 students visited Dar-ul-Afiyat on March 29 for a plantation drive. The students planted saplings of guava, lemons, oranges, rose bushes, eucalyptus (safeda tree) and grass beds in the lawn of Dar-ul-Afiyat. They also interacted with the senior citizens and the officials at the institute. Dar-ul-Afiyat, a government institute, is an elderly care or old age home. The organization is located at Muslim Town, Khana Road, Rawalpindi.

As part of the old home project, students are conducting a need analysis survey of old homes in Islamabad and Rawalpindi to find avenues to improve the lives in old age homes.



NCSC blood donation drive 2014

NUST Community Services Club (NCSC) in collaboration with Jamila Sultana Foundation organized blood donation drive for 2 days from 26 to 27 March 2014 at IGIS ground. Donors were provided with pleasant atmosphere, sanitary conditions and refreshments to handle the dizziness after blood donation. The two day blood donation drive was a success as about 300 blood donations were collected.



Postgraduate Studies and Scholarship Opportunities Seminar

With a view to enhancing awareness about the importance of postgraduate studies amongst NUST students, NUST Community Service Club (NCSC) Experience NUST Team organized a seminar postgraduate studies and scholarship opportunities. This event was organized at the National Institute of Transportation (NIT) Seminar Hall in School of Civil & Environmental Engineering (SCEE) on Wednesday 19th March 2014.

The panel of speakers was a mixture of current and former faculty members of National Institute of Transportation (NIT) and NUST Institute of Civil Engineering (NICE). They were invited because of their relevant experience regarding scholarships in various countries around the world where scholars and professionals yearn to pursue further studies.



MD Bait-ul-Mal Pakistan visits NUST

NUST Community Service Club (NCSC) organized a seminar on March 18 as a part of its annual course syllabus. Managing Director of Project Bait-ul-Mal Pakistan Barrister Abid Waheed Sheikh was invited to speak upon their new project 'Pakistan Sweet Homes' at SCEE Seminar Hall. Barrister Abid Waheed started with a little introduction of Project Bait-ul-Mal, about how it was initiated in 1992 and how it helped abused

women all over Pakistan by providing shelter, food and medical assistance to over 7000 girls. He also enumerated a number of other projects such as the National Centre for Rehabilitation for Child Labour (NCRCL) and Economic Revival Project.

The focus of his talk, of course, was on Pakistan Sweet Homes (2009-Present). He said that Sweet Homes Project provides facilities to some 3000 children

between the ages of 4-6, in four provinces of Pakistan. It has 28 established institutions in Pakistan providing free boarding facilities, education and livelihood, etc. Once every year, children from all over Sweet Homes in Pakistan are gathered in one place for annual sports week.

At the end of the talk, Mehmud Bashir Bajwa, Director Student Affairs, presented NUST souvenir to the guest.

Pakistan Day Celebration with Pakistan Bait-ul Mal

As part of the Pakistan Bait-ul-Mal (PBM) five-day sports gala celebration, members and course participants of NUST Community Service Club (NCSC) visited the Sports Complex (Jinnah Stadium) Islamabad on 23 March, 2014 (Sunday) to celebrate Pakistan Day. Approximately 200 students from NUST spent time at the venue and interacted with the children.

The orphaned children of PBM's Sweet Home project between the age group of 4 to 6 presented the Pakistan Day parade. The children came from various schools across the country to participate in the 5-day festivities. To commemorate Pakistan Day, children belonging to Sukkur, Multan, Bahawalpur, Swat, Gilgit etc. represented their cultures through various regional acts and cultural performances. They were dressed in cultural attires of their respective areas and won the audience's appreciation. Students from NUST enthusiastically appreciated the children's zeal and dedication to take part in the festivities.



Lecture on Running Advocacy Campaign for Social Cause

A lecture on 'Running an Advocacy Campaign for Social Cause' was arranged for the course participants of CSL-401 of SEECS on 20th March, 2014 at SCEE Seminar Hall. Athar Mushtaq, AM Community Service, delivered the lecture, aimed at creating awareness amongst students about the concept of advocacy and how it could make a life-meaning change in their own lives and more importantly how it could affect the community in a positive manner. The concept of Advocacy was explained through real life examples such as Nelson Mandela, Mahatma Gandhi, and Muhammad Ali etc. The lecture was also focused on how to market such a campaign. The use of social media marketing was especially stressed.



NCSC Mobile Labs Project: Survey of schools in Khayaban-e-Sir Syed

Mobile Labs is a project that aims at providing moveable laboratories (van) to those secondary and intermediate government schools that have inadequate and scant apparatus and lab facilities. The purpose of this project is to identify schools which have insufficient apparatus and take the mobile van equipped with physics, chemistry and biology practical apparatus to those schools. A project team of 15 participants from NUST will be surveying the schools as well as performing practicals and enabling students to perform as well to clear the concepts of students.

The team consisting of four participants from SCEE had conducted survey of schools in Khayaban-e-sir Syed on 29th March, 2014. The purpose of this survey was to inform principals of schools about this project, and



take permission to perform their activities in their respective schools. All the schools have welcomed the project's concept warmly and showed their interest in this cause. The students will be visiting these schools in April to undertake experiments/practical.

e-Village Community Service Project

NUST Community Service Club TABA team arranged a visit to the e-village facilities in Maira Begwal for the Fund-raiser in collaboration with TABA Youth Chapter and e-village coordinators on 8th March, 2014 (International Women's Day). e-Village is an NGO, working for Empowerment through ICT's in Pakistan.

This initiative was taken by Ammar Jaffri under the Umbrella of Pakistan Social Association which has been registered since 1963. A total of 125 students from NUST left the H-12 campus early morning for the farmhouse owned by Ammar Jaffri, President of e-Village.



After arriving at the complex, van loads of students from local government schools came for interactive sessions with the Nustians. About 300 children attended the event, ranging from class 3 to class 8. NUST students provided



mentoring to the local students, guiding them about future prospects and general day to day issues. Students also instructed the children on how to use the e-village computer facility.

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