

MONTHLY
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INSPIRE' 2014



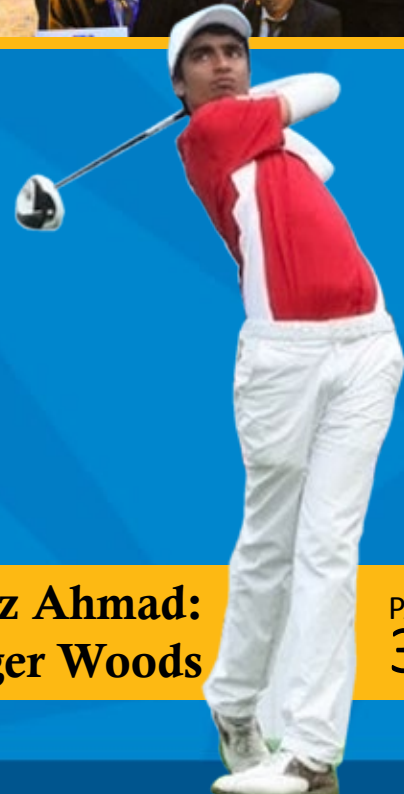
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NUSTNews is a monthly publication, produced by Student Affairs Directorate, covering various events across the entire University. It will be appreciated if the focal persons send reports right after the events so as to give them timely coverage.



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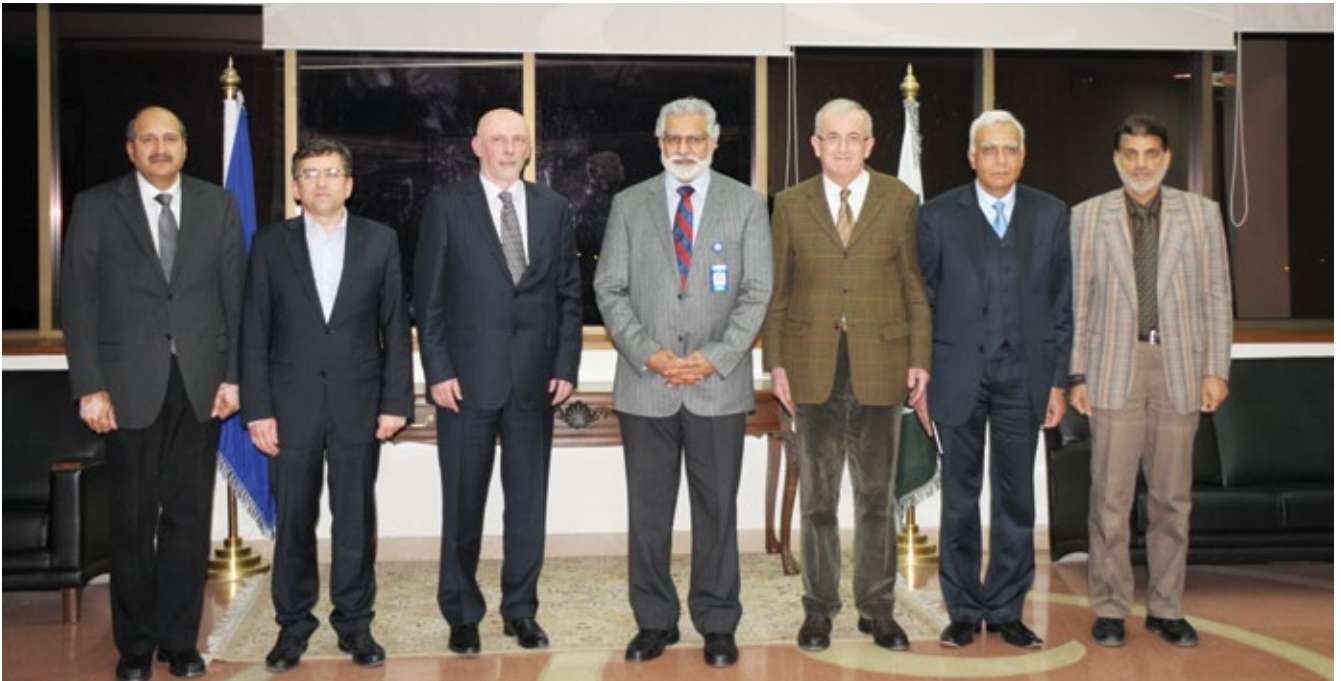


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NUST, Sarajevo University join hands for mutual growth



A four-member delegation from Sarajevo University visited National University of Sciences and Technology from February 03 to 04. The delegation was headed by Rector Sarajevo University Prof Dr Muharem Avdispahic. Upon their arrival at NUST, the esteemed guests were warmly received by Rector NUST Engr Muhammad Asghar, which was followed by the delegates' meeting with Rector NUST at the latter's office. During the meeting, both sides showed keen interest in expanding meaningful cooperation especially in the fields of joint research, and faculty and student exchange programmes.

Later, NUST officers gave a detailed briefing on the University to the visiting dignitaries. They apprised the delegation of NUST's fast-paced growth as a leading comprehensive university in Pakistan, competing with the best anywhere in the world. At the occasion, Rector Sarajevo University Prof

Dr Muharem Avdispahic also gave a presentation on his university. He also thanked Rector NUST for hosting their visit to Pakistan. He said they would try to emulate standards of excellence set by NUST in a short time span, adding that the visit would have enduring and productive outcomes towards promotion of higher education in Bosnia and Herzegovina. He also expressed his feelings of gratitude on behalf of all his compatriots to Pakistani government and people for their unstinting support they always extended for Bosnian people in times of ordeal and unrest.

Ensuing was a question and answer session, where Rector NUST responded to the queries raised by the foreign academicians about the University's R&D facilities, faculty-student ratio and questions related to areas where both the universities could presumably collaborate for the mutual interest.

During the second day of their visit, the

delegates met with Pro-Rector (Academics) Dr Asif Raza to discuss at length areas of mutual collaboration, including admission of Bosnian students to NUST. Subsequently, the delegates were conducted to different Schools of the University, where Principals and other senior faculty members gave brief presentations on their respective schools, and took them around to various facilities being provided to the students. Later in the evening, Rector NUST hosted a farewell dinner in the honour of the visiting delegates.

It is pertinent to mention here that the visit was a follow-up to the Rector NUST's earlier visit to Sarajevo University in September last year, during which he had interacted with his counterpart and other senior officials for initiation as well as smooth sailing of collaborative projects in academics and research.

INSPIRE'2014 brings together industry experts, students from across Pakistan



With the arrival of Spring 2014, NUST saw another edition of its annual national event INSPIRE -Internship Student Poster Presentation on Industrial and Research Experience. Organized by NUST Science Society, INSPIRE invited over a 100 students from the country's renowned universities to present their industrial internship and research experience to over 40 industry experts at NUST, H-12.

The event encompassed poster presentations based on postgraduate and undergraduate researches carried out by the aspiring students over the course of their academic activities. The event signified a marriage between industrial entrepreneurship and academic research with a noble aim to inculcate among students a culture of innovative ideas and coming up with radical solutions so as to strengthen the culture of research in Pakistan. The national competition endeavoured to evaluate the degree of research aptitude amongst students and postgraduate trainees as well as to assess the diverse ideas proposed by the students in their respective researches.

The halls of the first and second floors were decked with colorful posters surrounded by groups of intelligent young students from different disciplines of Engineering, Medical and Biosciences and Business Management. The companies and research institutes that attended included Schlumberger, Coca-

Cola, Mobilink, Ufone, NESCOM, NDC, ZTE, IST, Pakistan Medical and Research Council, Fauji Fertilizers Company, SUPARCO, NEXTON, IBM, Polyclinic Hospital and Air Weapons Complex. The event was given media coverage by SAMAA FM, Such TV, Tech TV and Technology Times.

(Civil Engineering), Ahmed Mir (Electrical/IT/Software Engineering) and Usman Wali (Medical and Biosciences). Later, the judges were presented with event souvenirs.

Added features were the Career Development Sessions held both days where the expert speakers, Sahban Zafar (FFC)



After two intense rounds of judgment, the trophies and gift packs from Ufone and Coca-Cola were presented to the winners and runners-up. They included, Muhammad Usman Aslam (Mechanical Engineering), Muhammad Salman (Chemical Engineering) and Abqaat Naseer (Materials Engineering). The winners of the next day were Muhammad Usman Aslam, (Business Management), Sana-e-Sakina (Environmental Engineering), Muhammad Waleed Usman

and Nabeel-ur-Rehman (Mobilink), talked about pushing the limits of one's ability and branching out beyond academic experience, to be distinguished in the competitive world of today.

The success of INSPIRE lies in the fact that it brings forth the practical aspects of education and provides students a one-on-one interaction opportunity with experts of their field. Many research projects received strong praise and interest from industry experts.

230 graduate at NUST UG Convocation

A combined undergraduate convocation ceremony of three NUST constituents School of Civil and Environmental Engineering, School of Mechanical and Manufacturing Engineering, and Atta-ur-Rahman School of Applied Biosciences, was held on February 25 at the Islamabad campus of the University.

Rector NUST Engr Muhammad Asghar graced the occasion as chief guest. As many as 230 students were conferred bachelor degrees in the disciplines of Civil Engineering, Environmental Sciences and Engineering, Mechanical Engineering and Applied Biosciences.

The ceremony was attended by distinguished guests, graduating students, their proud parents and the esteemed faculty members of NUST. Gold Medals and Certificates were awarded by the chief guest to the students for their distinctive achievements.

President's Gold Medals were awarded to Shehryar Shafique (Civil Engineering), Beenish Imtiaz (Environmental Engineering), Syed Hammad Ali Burney (Mechanical Engineering) and Sadia Nasar Mirza (Applied Biosciences) for

their distinctive performances in academics. Rector's Gold Medals for the best projects were conferred upon Iqra Chaudhry (Civil Engineering), Sana Rasool (Environmental Engineering), Zohaib Rafique (Mechanical Engineering), and Sania Arif (Applied Biosciences). While Chancellor's Silver Medals were awarded to Jamal Ali, Leena Aftab, Haider Ali, and Sania Arif and Saba Safdar (both secured second position) in the disciplines of Civil Engineering, Environmental Engineering, Mechanical Engineering and Applied Biosciences respectively.

Speaking at the occasion, Rector NUST Engineer Muhammad Asghar lauded the impressive performance of the students and extended his heartiest felicitations to them. He said that NUST graduates were playing a significant role in strengthening the country at socio-economic fronts. Engr Muhammad Asghar also praised the outstanding contribution of School of Civil and Environmental Engineering, School of Mechanical and Manufacturing Engineering and Atta-ur-Rahman School of Applied Bio-Sciences in elevating

NUST to its present prestigious ranking among the top-notch universities of the world.

The Rector asserted that it was high time for the graduates blessed with extremely refined educational experience of studying at NUST to apply their knowledge in uplifting the living standard of their countrymen. The Rector maintained that unlike the past, universities had assumed some additional roles alongside imparting of education, such as contribution of their intellectual input to the government policymaking, creation of new knowledge through fostering the culture of research and innovation, community development, and leadership building amongst students. He expressed concern over the current state of the country's high-tech exports, saying that it could only be improved through expediting research and bringing in new technology.

Earlier speaking at the occasion, Principal SCEE Dr Tariq Mahmood, Principal SMME Dr Abdul Ghafoor, and Principal ASAB Dr Peter John highlighted the achievements of their respective schools during the recent years.



Nustians skittle many at Shell Eco-marathon, Manila

Pakistan Navy Engineering College team participated in Shell Eco-marathon held in Manila, Philippines from 6-9 February. A total of 109 teams registered for the event, whereas 45 vehicles qualified in 7 categories to participate in the competition from various countries from Middle East to China. A total of six teams from Pakistan, including two teams from PNEC, took part in the event. Two vehicles Prototype and Urban Concept in Gasoline Category were sent for the competition; both vehicles qualified technical and safety inspections prior to 'On Track' competition. Urban Concept Vehicle won 6th position, whereas Prototype Vehicle secured 11th position in the contest.

While competing for 'Off Track' awards, PNEC won 'Media Campaign' trophy. This is one of the six off track trophies. PNEC team won this because of their innovative approach for creating awareness and support for their team for Shell Eco-marathon, Asia. Besides important traditional media partnerships, they went to various public fora targeting college and school students, families and the community at large. They secured interest from local celebrities who helped at-

tract a much wider audience through their own social media presence. Their communication mix and use of multiple channels and platforms were both effective and innovative in meeting their objectives.

Team from PNEC participated under the mentorship of Deputy Commandant Commodore Ather Saleem SI (M). Participants of the teams were Lt Sajid Jalil PN, Ansharah Riaz, Hassam Ahmed, Muhammad Haroon, Muhammad Usaid Faizi, Abdul Rafay, Asad Abdur Rehman, Waqas Anjum, Jawad Ali, Hassan Sulman Shaikh, Muzammil Ahmed, Muhammad Usama Mumtaz, Sayada Yusrah Shah, Muhammad Umer Abbas and Abdur Rehman.

With annual events first held in America, Europe and then Asia, Shell Eco-marathon challenges student teams from around the world to design, build and test ultra-energy-efficient vehicles. The winners are the teams that go farthest using the least amount of energy. The events spark debate about the future of mobility and inspire young engineers to broaden the boundaries of fuel efficiency.



NUST, Elsevier sign agreement

NUST and M/S Elsevier signed an agreement on 27th February for providing NUST faculty and students access to Scopus Database. The database is a collection of about 20,000 journals publishing research articles on diversified academic disciplines. The increase in the research publications by NUST faculty in Scopus Indexed Journals would also help NUST faculty and students project their research findings world over and the university improve its ranking. The agreement was signed by Dr. Riaz Ahmed, Director Research NUST and Javed Ishaq, representative of Elsevier South-Asia in Pakistan. Held at NUST Main Office, the signing ceremony was presided over by Pro- Rector (Academics) NUST, Dr. Asif Raza, who expressed hope that NUST faculty and students would draw maximum benefit from the facility.



DBS faculty receives HEC research grant

Dr. Tamkeen Ashraf Malik, a faculty member at Department of Behavioral Sciences, School of Social Sciences and Humanities, has received a research grant from Higher Education Commission (HEC) of Pakistan. The research aims at obtaining reliable estimates of behavioral problems among Pakistani school children identifying the risk factors associated with development of disruptive behavioral problems. The study findings will help identify gaps in existing services for children mental health and develop effective interventions plan on the basis of available evidences especially risk factors.

Dr. Sehar-un-Nisa visits UoM, Australia

Dr. Sehar-un-Nisa Hassan from Department of Behavioral Sciences, School of Social Sciences and Humanities, visited Primary Care Academic and Research Centre, University of Melbourne, Australia in the month of January. Her visit was sponsored by Higher Education of Commission (HEC) of Pakistan under Pakistan Program for Collaborative Research. PPCR primarily facilitates the faculty of Pakistani universities to develop joint-research programs with foreign faculty. During her stay, she worked on refining her research proposal in collaboration with Prof. Kelsey Hegarty, which she has recently submitted to South African Medical Research Council (SMRC) for funding.



National Seerat Conference



NUST Bazm-e-Pakistan organized Annual National Seerat Conference (2014) at the university's main campus on February 7. Renowned speakers and *Naat Khwan* from across the country attended the conference and enlightened the audience with the holy life and teachings of Holy Prophet Muhammad (SAW).

The talks by the eminent guest speakers, including Vice Chancellor Sargodha University, Dr. Muhammad Akram Chaudhry, Dr. Tahir Siddique, Dr. Muhammad Khalid Masud and Dr. Riaz Majeed, covered the principles of politics, economics, society and education as taught by Islam and practiced by the Holy Prophet (SAW). They said that it is through following in the footsteps of our beloved Holy Prophet (SAW) that we can bring lasting peace to the world. The life of the Holy Prophet (SAW) is a real manifestation of the noble spirits of love, compassion and justice, and replication of these values

in our lives should be our utmost priority.

Rector NUST Engr Muhammad Asghar thanked all the speakers and *Naat Khwan* for gracing the auspicious occasion. He said that Muhammad (SAW), the last Holy Prophet is exalted on the highest position among the mankind and to be successful it is extremely important to follow what he taught as a model of excellence for all the generations to come. He also warned the students of the challenges Muslims faced due to the incomplete knowledge of Islam and diverse groups fighting with each other. In this scenario, he advised it is very important to choose the right path. In the end, he also appreciated NUST Bazm e Pakistan for organizing the conference in a befitting manner. The event culminated with the Rector presenting shields to all the guest speakers and *Naat Khwan*.



ASAB faculty secures grant from US Agri Dept

Dr. Muhammad Tahir, Assistant Professor and Head of Plant Biotechnology Department of Atta-ur-Rahman School of Applied Biosciences (ASAB), secured a grant worth Rs. 22.9 million for the project titled "Development and validation of cotton-infecting begomoviral induced cell death via a modified beta-satellite containing the Cyt c gene." The funding agency is USDA (United States Dept of Agriculture).

Cotton 'white gold' is an important crop in many developing countries including Pakistan. Pakistan is the 4th largest producer of cotton, the 3rd largest exporter of raw cotton and a leading exporter of yarn in the world. A profound investment in the form of over 1000 ginning factories, over 400 textile mills heavily depends upon cotton and is the life line of textile industry. Pakistan is going to miss its cotton target for the 5th consecutive year. Losses due to the epidemic during 1992-1997 were estimated at US \$5 billion alone with 10 -30 % annual yield loss. Cotton Leaf Curl Disease (CLCuD), caused by begomoviruses, is the major biotic limitation to cotton production.

The project is based on a novel idea of limiting the virus for neither being able for transmission within the plant nor for whitefly (vector) transmission to other plants.



SAA raises Rs 1M for Scholarship Programme

SEECs Alumni Association Scholarship Programme, launched on 27th Feb 2013, aims at catering to the financial needs of students. Recently, SAA managed to achieve its target of raising Rs. 1 million for its scholarship program in just a span of 12 months. Approximately Rs. 800,000 have been raised through alumni contributions and fundraising events organized by SEECs while around Rs. 299,000 were raised from the Alumni Homecoming that took place in December 2013. Teradata has also generously contributed Rs.50,000 in February 2014.

As a result of the generous contribution of 1800 alumni members of the SEECs Alumni Association, especially Hamid Ali Raja and Salman Bashir who have contributed incessantly to the programme, two rounds of the program have been completed in which a total of 22 students were awarded Rs.750,999/-

10 students were awarded a total of Rs. 362,250/- in Fall Semester 2013- 2014 and 12 students were awarded a total of Rs.409,662/- in Spring Semester 2013-2014.



Sanitary workers' exemplary conduct draws adulation

Contribution of sanitary workers in the process of establishing H-12 Sector (Islamabad Campus) merits no mention. The handy workforce available at the University diligently works to provide janitorial services on campus. Recently, two sanitary workers Faryad Masih and Ashraf Masih deposited the lost handsome amount of money of the candidates at two different occasions during the conduct of NET-I. Their allegiance to duty was appreciated by no less than the Rector himself by awarding special honorarium to both the sanitary workers. To say the least cheerful team of sanitary workers of Administration Directorate is an asset for NUST.



Career-oriented lessons at schools, varsities

C3A has started MS programme in Career Counseling and Education. Under this program, it has been planned that eight students will work closely with one selected educational institute during spring semester (2014). They are supposed to impart career-related lessons, objectives of which are to invoke good practices with reference to career education among multiple stakeholders in the society, and provide models for further replication with reference to systematic and theory based delivery of career lessons in the best interest of students as well as the society.

Hafsa Shafiq Ahmed, a student of C3A conducted two sessions in Roots School (E11 Sector) with 20 students of Grade 3. She shared importance and roles of 20 selected and important occupations in our society. Maria Saleem, another student of C3A conducted a lesson with Grade 9 students in Elite International



School (F-10 Sector) and elaborated the selection of occupation on the basis of personality to 15 students. The session concluded that a person is likely to excel in his/her life if an occupation selected keeping in mind one's personality traits and characteristics. These

sessions were interactive and participatory and children showed keen interest in the information shared.

In future, other students of C3A will deliver career-related lessons in Quaid-e-Azam University, FAST University and in selected schools of NUST.

C³A faculty, students visit HEC

Students and faculty of C3A visited Higher Education Commission (HEC) on 18 February 2014. The visiting team met with Deputy Director Curriculum Rizwan Shoukat. Objectives of the meeting were to seek information regarding career education through the curriculum at the university level; seek information regarding quality assurance-related initiatives by HEC; and share the importance and initiatives with reference to MS Program on Career Counseling and Education.

Rizwan Shoukat shared valuable information regarding career education at the university level. He shared that they had curricula for almost 113 disciplines, which had been developed by the members of National Review Committee. Answering one of the questions raised by the visiting students, the Deputy Director said that HEC was planning to establish career counseling cells one each in every university.

Tech Talk on IP Gas Pipeline Project

A technical talk on "Iran Pakistan Gas Pipeline Project" was held for the 2010 and 2012 batches of NUST Institute of Civil Engineering (NICE) on February 19 at NIT Auditorium, SCEE. Engineer Yawar Saeed, General Manager NESPAK Lahore and Project Manager, IP Gas Pipeline Project was the guest speaker for the talk.

The speaker gave a brief overview of the project from its design phase which took two years to present construction ac-

tivities. The 48 inch diameter, also known as the IPI pipeline or the Peace Pipeline, was proposed to deliver natural gas from Iran to Pakistan and India. It is expected to be completed by 2015. The project cost is estimated at \$2M per kilometer. The speaker explained the project components, phases and challenges especially security issues in the project area. The talk was followed by a question answer session.

NEWS IN PICTURE



▲ Open Forum – CPOs/Sailors and Civilians was held in PNEC College Auditorium on 07 February 2014. Deans, HoDs, CPOs/POs and Civilian Staff showed up at the forum. Commandant PNS JAUHAR chaired the meeting and issued directives on the spot to address the concerns of the employees.



▲ First Model United Nations at PNEC (MUNINP) was arranged by the college students of PNEC from 14 to 16 February, 2014. Students from other educational institutions of Karachi also joined to debate on the present global issues and their plausible solutions. Commodore Zahid Iqbal SI (M) Commandant of PNEC, and other officers attended the event. Prof Dr Talat Ayesha Wazarat graced the occasion as chief guest.



▲ Unit Level Hifz-o-Qirat Competition – 2014 was held in College Auditorium on 17 February 2014. HoDs, Staff / UT Officers, Civilian Students, CPOs/Sailors and civilian employees of the unit attended the event. S/Lt Taufeeq PN was declared the Best Qari and S/Lt Tahir Mehmood PN was declared the Best Hafiz. Commandant PNS JAUHAR, Commodore Zahid Iqbal SI(M) graced the occasion as chief guest and gave away prizes to the winners.



▲ A guest lecture on 'Prospects of Energy Sector in Pakistan' was delivered by Zulfiqar Ali Jafri, Senior General Manager PSO on Friday, 21 February 2014. Prior to the lecture a certificate award ceremony was conducted to honour the team members of Shell ECO Marathon.



◀▲ Senator Mushahid Hussain visited PNEC on 23 February 2014. Commander Karachi and Deputy Commandant NUST-PNEC had a detailed meeting with the dignitary. Later, the guest was presented with a memento.



▲ A three-day short course on 'IOSH Managing Safely' was conducted from 10-13 February 2014 in collaboration with Sustainable Business Solutions (SBS). The course was attended by 15 participants (02 from Industry and 13 from PN).



A delegation headed by Brig Gen Mohammed Ahmed COS UNDPKO visited CIPS on 26 February. The delegation met the Rector and was briefed about the working of Centre for International Peace and Stability. The delegation not only showed keen interest in the training of peacekeepers but also in the PhD program being offered by the Centre.



▲ Pierre Mayaudon, Deputy Head of the European Union (EU) delegation in Pakistan paid a visit to NUST on 19 February 2014. He was briefed about the functioning of CIPS and Global Think-Tank Network. Intrigued by the research areas being covered by CIPS, the EU delegate proposed areas of collaboration.



▲ Dr Anita M. Weiss, Professor University of Oregon visited CIPS and met with faculty on 18 February 2014. She was given a briefing on the working of CIPS. Prof Weiss gave some useful inputs regarding research project.



▲ GRE for admission in CIPS PhD Programme was held on 4 February 2014. A total of 27 applicants appeared in the test.



Practical training based on classroom lectures delivered in CIPS was conducted in the training areas of units earmarked for peacekeeping duties. Principal NIPCONS visited the units undergoing training on 12 and 13 February.





▲ The birth anniversary of Holy Prophet Hazrat Muhammad (SAW) was celebrated at NUST Daycare and Montessori on 28 January 2014 with great fervor, respect and sentiments of highest degree of affection. Mothers of children also attended the celebrations.



▲ Eid Milad-un-Nabi (SAW) was reverently celebrated at Fatima Female Hostels on 21 January 2014. Recitation from the Holy Quran, *Hamd-o-Naat* and speeches on the life and teachings of Hazrat Muhammad (SAW) were delivered. Female students and families of the residents of NUST Main Campus were present at the occasion.

Inauguration – NUST Gymnasium



NUST Gymnasium was inaugurated at a graceful ceremony held on 24th February 2014. Rector NUST Engineer Muhammad Asghar graced the occasion as chief guest and inaugurated the gymnasium by unveiling the plaque. Pro-Rector (P&R) Engineer Muhammad Shahid, Pro-Rector (Academics) Dr. Asif Raza, all Directors and the Principals of NUST attended the ceremony. Project Director NUST, Engineer Syed Nasir Zaidi briefed the audience about the project details. Director Administration appreciated the efforts of the Project Director and his team for having created an excellent facility for indoor games: a facility which is perhaps

2nd to none in the country, enabling conduct of every possible indoor game and intervarsity, national as well as International events.

A Special feature of the event was the presence of a few very talented sportspersons: Imtiaz Gill an international player, national coach and at present Secretary General of Pakistan Badminton Federation, Tayyaba Gill, an International table tennis player, national coach and presently doing as Secretary Islamabad Table Tennis Association and of course the all-time best table tennis player in the history of Pakistan; Farjad Saif, who had the honour of representing Pakistan for about 28 years. Having



represented the country in as early as 82 Asian Games and as late as 2002 Asian Games and 2006 Commonwealth Games. The only table tennis player in Pakistan's History who qualified and represented Pakistan during 1988 Olympics at Seoul.

After the Rector played the opening shot of badminton, Gill played a doubles game with NUST Students. Farjad Saif and Tayyba Gill, thereafter received great applause from the spectators during the Table Tennis match.

Pro-Rector (P&R) Engineer Muhammad Shahid presented shields to these special guests, before the participants were served refreshments.

Publishing process in scientific journals - Workshop



A workshop titled 'Publishing Connect' was organized at NUST main campus by Quality Assurance Directorate on 27 February, 2014. The workshop was arranged in collaboration with M/S Elsevier, the publishers of SCOPUS database. The resource person was Dr. Sheba Agarwal who spoke through video link from Amsterdam, The Netherlands. Over four hundred faculty members and graduate students of NUST attended the workshop session at the Jinnah

Auditorium. Four NUST constituent colleges namely MCE, College of E&ME, MCS and PNEC were also connected online. Dr. Agarwal was introduced to the participants by Director Quality Assurance, Engr Muhammad Ismail. The resource person talked at length on introduction to scientific publishing, the peer review process, how to write scientific article, journal matrix and open access. The workshop was concluded by an extensive question and

answer session, which was handled by Dr. Agarwal and Mr. Manik Sethi, Marketing Manager of Elsevier. Finally, Pro-Rector (Academics), Dr. Asif Raza addressed the participants and highlighted the usefulness of the workshop and informed the participants about availability of access to SCOPUS for the use of NUST faculty and students. He urged upon the participants to draw maximum benefits from the facility to enhance their research publications.

Workshop on Use of Social Networking Websites

Workshop on Use of Social Networking Websites was conducted on Friday 21 February at PNS Jauhar for all Commands/Units SO (IW)'s. Commander Dr Nazir Ahmed Malik PN conducted the workshop. Commandant PNEC Commodore Zahid Iqbal SI(M) graced the event as chief guest. SO (IW)'s of different Commands/Units along with faculty members and student officers attended the workshop. The activity was divided into two sessions, comprising Cyber Security and Cyber Warfare and Careful Use of Social Networking Websites.



CES hosts Workshop on Solar Applications



A two-day workshop titled 'Solar Applications' was organized by Centre for Energy Systems-CES, NUST from February 17 to 18. This knowledge transfer/sharing session was uniquely beneficial for the participants, showing an interesting mix of delegates from Asian Development Bank (ADB), Executive Management from Attock Refinery Limited (ARL) and AGL, regulators from NEPRA, local service providers, as well as young entrepreneurs, architects, interior designers all with a passion for energy efficient and low carbon buildings, and NUST faculty and students. In all, a total of 97 delegates registered for the workshop.

Wide ranging topics were covered by principal instructor Fritz Boehmler from Germany having 25 years of expe-

rience in designing and implementing Solar PV standalone / grid connected systems. Since 2010 he has been heading his own company Solar-B GmbH providing consultancy services and supplying thermal and electrical solar systems.

Some of the topics covered in the workshop included Solar hybrid systems for industrial applications; Decision making, evaluation, and technical financial options; Is SOLAR economical and affordable for Pakistan; Rural electrification and neglected potential for governmental programs etc.

An informal panel discussion was structured in, on day-two to discuss technical challenges, system bottlenecks, and way forward for tangible outcomes. Panel comprised Shahid Ahmed, En-

ergy Specialist (Consultant) from Asian Development Bank (ADB) Resident Mission in Pakistan, Tariq Ranjha, Director NEPRA and Fritz Boehmler, the principal instructor. Panel discussion was more of an interactive debate and delegates were proactive in discussing opportunities, addressing technical and system integration challenges.

At the end of the seminar, all the registered participants were awarded certificates of participation.

CES officials discussed and convinced Mr. Boehmler on a workable business model on installing up to one MW facility at NUST Campus. Solar-B has agreed in principle to go ahead with such a facility for which it will submit a formal proposal for consideration.



Training on Road Safety

Training for road safety bears great importance. Keeping this in view, the administration directorate (NT Section) regularly organizes training for its drivers by inviting experts from Islamabad Traffic Police. In this connection, two similar training sessions were organized from 4 to 5 March 2014, courtesy Islamabad Traffic Police (Education Wing), at RIMMS Auditorium. The training was attended by about 160 persons (faculty, drivers of NUST transport as well as hired transport, security persons, waiters and other staff). At the end, successful participants were also awarded certificates by Islamabad Traffic Police.



29th IEEEEP All Pakistan Student Seminar

29th IEEEEP All Pakistan Student Seminar was held on 22 February 2014 at Mehran University of Engineering and Technology (MUET). It was organized by IEEEEP in collaboration with MUET. Thirty-five teams from all over Pakistan submitted their papers and after scrutiny 16 were given opportunity to present their papers in the seminar. Three teams from PNEC presented their research papers. PNEC were awarded 02 Gold Medals and one Silver Medal winning 1st, 2nd and 6th position and also the team trophy at the event.

Lecture on Healthy Eating Habits

A guest lecture on 'Healthy Eating Habits' was delivered by Lt Cdr Rabia Anwar PN, Dietitian PNS SHIFA on Friday, 7 February 2014 at Pakistan Navy Engineering College Auditorium. Deans, HoDs, Staff Officers, faculty and students attended the same. The lecture was informative and was well received by faculty and students.



AM College faculty presents paper at int'l conference

Lt Col Khadija Qamar, Associate Professor at Anatomy Department of Army Medical College, NUST, presented her paper titled "Comparison of Learning Anatomy with Cadaveric Dissection and Plastic Models of Medical Students" at the AEME International Conference held at University of Health Sciences Lahore on 8 March 2014. The session was chaired by Prof Hamid Mahmood Butt, Principal SIMS, Prof Aamir Zaman and discussant was Janet Grant, WFME special adviser and Director of Cen-MEDIC (the Centre for Medical Education in Context) and FAIMER Centre for Distance Learning.



Seminar on 'How to Get an Internship'

To help the junior students of NUST College of EME, get the internships they want, NUST Volunteers Club in collaboration with ASME EME Chapter organized a seminar on Wednesday, 26th February. The hall was jam-packed with the presence of students from all four departments. The speakers for the session were senior year students who had been interns in companies like, Unilever, Descon, P&G, MOL, Schlumberger and PTC. The speakers after giving an introduction of their respective company talked about their experiences as interns and gave the students tips to pass the tests and interviews of their respective companies. The seminar was a huge success as it helped the students get ready for the upcoming internship tests and interviews.



CPD Awareness Workshop at AM College

CPD has been implemented in Army Medical College following the decision made by the Surg Gen during the 4th Surg Gen's Trg Confat AFPGMI. In order to promote awareness amongst all AMC/ADC officers, it was decided that the aforementioned workshop was conducted at AM College on 14 Feb-2014. Brig Rizwan Hashim and Col Khadija Qamar of Medical Education Department AM College organized the event. Lasting for three hours, the workshop was attended by the faculty of AM College in which Assessment of Needs: Objective and institutional needs were done by the participants. A soft copy of guidelines and presentation was accessible to all participants for future reference.



NUST official conducts workshop at HEC

Director Quality Assurance NUST, Engr. Muhammad Ismail conducted Orientation Workshop on Quality and Quality Enhancement Cells (QECs) as a resource person at HEC Islamabad on 25-26 February, 2014. He dilated upon the Self-Assessment Process of Academic Programmes and Writing of Self-Assessment Reports. He covered all the criteria and standards included in

the Self-Assessment Manual and provided guidance to the participants for responding to all the criteria and standards. He shared his experience regarding getting the feedback from different stakeholders i.e. faculty, students, alumni and employers of university graduates, and the challenges faced in completing the self-assessment process. He also discussed the proposed

time plan for completing the self-assessment process, writing of executive summary of reports and usual weaknesses found in the self-assessment reports prepared by the program teams. The workshop was attended by the representatives of 47 public and 7 private sector universities which have recently established the Quality Enhancement Cells at their campuses.



Self-development Workshop

Women are an integral part of any society and play a pivotal role in its development. Identifying this very important area, C3A has been conducting a 'Self Development' workshop for ladies at NUST from 19th Feb to 2nd April. This is another first from C3A and was received well by all participants. The workshop is based

on 10 weekly sessions and has an interactive format focusing on self-analysis. The topics include communication skills, understanding behaviour patterns, anger management and handling criticism. The workshop receives encouraging feedback from participants for each session.

"The power of human thought grows exponentially with the number of minds that share that thought." — Dan Brown

Finnish Delegation



A high-powered delegation from Finland along with Ambassador of Finland to Pakistan Rauli Suikkanen visited National University of Sciences and Technology on 5 Feb 2014. The delegation was received by Engineer Muhammad Asghar, Rector NUST in his office, before they were given a briefing on the University and its achievements. The delegation acknowledged NUST's growth as one of the leading universities of the world. Later, the guests visited School of Electrical Engineering and Computer Science (SEECS) and NUST Incubation Center.

Speaking at the occasion, Chairman of Executive Board Finland-Pakistan Business Council Wille Eerola emphasized on the cooperation between NUST and Finland Industries like Fortum Corporation, the Nordic Energy joint, and Wartsila which is a global leader in complete lifecycle power solutions. He further said NUST and Finnish companies could cooperate in sectors like healthcare, energy, and IT and telecommunication.

A Memorandum of Understanding was also signed to promote cooperation between the Finland-Pakistan Business Council and NUST, Pakistan. It will bring cooperation in developing curriculum design, training and development for school education. It will define the project specification for software development and telecommunication industry for customization and adaptation for Pakistan market which will help develop project charters. It will collaborate in joint basic

and applied research activities. NUST and Finland-Pakistan Business Council will encourage direct contact and cooperation between their staff, departments and research institutions in furtherance of the activities. The cooperation in any other academic, industrial or research activity will be done on mutually agreed basis.

The agreement was signed by Dr. Arshad Ali, Principal School of Electrical Engineering and Computer Science NUST and Mr. Wille Eerola, Chairman Finland-Pakistan Business Council.



IGT & E



Inspector General Training and Evaluation (IGT&E) Lt Gen Ikram-ul-Haq visited NUST on Feb 04. Soon after his arrival, the guest had a one-on-one meeting with Rector NUST Engr Muhammad Asghar at the latter's office. The meeting was followed by a presentation on NUST at the main seminar hall. IGT & E eulogized the University's management, faculty

and staff for their untiring efforts towards evolving NUST into a centre of excellence in Pakistan. Later, the esteemed guest was conducted to School of Electrical Engineering and Computer Science, and School of Mechanical and Manufacturing Engineering.



Vice Chairman General Electric



John G. Rice, Vice Chairman of General Electric (GE), President and CEO of GE Global Growth and Operations and other senior GE officials visited NUST on the 18th of February, 2014. General Electric Company (GE) is a diversified technology and financial services company. Its segments include Energy Infrastructure, Aviation, Healthcare, Transportation, Home and Business Solutions and GE Capital. The GE delegation was enlightened with NUST's vision through a comprehensive presentation on the NUST knowledge ecosystem. John Rice, the Vice Chairman GE addressed a group of students from different NUST Schools, including NBS, School of Electrical Engineering and Computer Science (SEECs), School

of Mechanical and Manufacturing Engineering (SMME), School of Social Sciences and Humanities (S3H), and School of Civil and Environmental Engineering (SCEE). Faculty members and NUST senior management was also present in this session. Rice elaborated on GE's business segments including Energy Infrastructure, Aviation, Healthcare, Software Business, etc. Amer Hashmi, Advisor NUST moderated the session in the presence of Engr. Muhammad Asghar, Rector NUST, which was followed by a question and answer session in which students asked questions about the GE's plans regarding large projects in Pakistan, and about their recruitment policies.

CERN delegation



A four-member delegation of CERN visited NUST on 11 February 2014. Dr. Sergio Bertolucci led the delegation. CERN is the European Organization for Nuclear Research laboratory astride the Franco-Swiss border near Geneva where physicists and engineers are probing the fundamental structure of the universe. CERN is a world leading multinational organization conducting research, since its inception in 1954, on High Energy Physics. Pakistan had

agreement with CERN in 1994 and applied for associate membership to enhance the level of cooperation between CERN and Pakistan to a higher plane. It aims at providing new and innovative avenues of research and development for our scientists and researchers. NUST has a flourishing collaboration with CERN since 2001. The delegation was highly appreciative and impressed to see NUST School of Electrical Engineering and Computer

Science (SEECs), Offices of Research Innovation and Commercialization (ORIC) and School of Mechanical and Manufacturing Engineering (SMME). Terming the existing level of cooperation between NUST and other universities of Pakistan fruitful, Dr. Sergio Bertolucci emphasized the need to take it to newer heights of understanding and mutual benefit.

Cadet College Killa Saifullah, Baluchistan

A delegation comprising 22 members from Cadet College Killa Saifullah visited NUST from 11 Dec to 16 Dec, 2013. The group was headed by College Principal Abuzada Khattak. The guests were familiarized with the University through a short presentation and a visit to various Institutions and facilities being provided on campus. The Administration Directorate had also arranged a guided tour for the delegates to a number of reckonable places in Islamabad.



Capital Degree College, Peshawar



A 65-member delegation from Capital Degree College, Peshawar, including students and faculty members, visited NUST on 24th February 2014. Briefing was given to the delegation about establishment, institutions, programs, research initiatives and future plans of NUST followed by a question and answer session. Later, the delegates were

given a guided tour of the University. The delegates visited NUST School of Electrical Engineering and Computer Science (SECS) and NUST Institute of Civil Engineering (NICE), where they were conducted to various state-of-the-art labs. The delegates also attended a lecture by Dr. Suzana on 'How to prioritize tasks.' The delegation

appreciated NUST's Infrastructure and facilities provided for its faculty and students to ensure quality teaching, learning and research. The delegates also thanked NUST administration for hosting the visit which provided them an opportunity to see state-of-the-art facilities available within Pakistan for prospective students.

Bahria College Students

A group of 25 students from Bahria College Islamabad visited School of Mechanical and Manufacturing Engineering (SMME) as part of their educational trip. The students were from A levels. Lab Engineer Nasser Ijaz Mughal took the students around the new building and the machine Resources Centre. The students were briefed on all the different processes being taught in the MRC.



Nature Walk - NEC



NUST Environment Club focuses its efforts on the preservation of the surrounding environment. In this connection, NEC organized a hiking trip on Track-3 (Margalla Hills) to the Monal Restaurant at Peer Suhawa in collaboration with Development Communications Network (DEVCOM), Social Economic Environmental Development (SEED) and EvK2CNR. The basic purpose of this hiking trip, termed Mountain Eco-friendly Walk, was to help volunteers understand the value

of preservation of the environment and its natural beauty. This trip was both enlightening and exciting. It gave everyone a chance to seriously consider the importance of mountains. All in all it was a huge success. The efforts of the organizers, under Event Head Mishaal Afzal, certainly paid off, and many volunteers are looking forward to their next hiking trip. The environment- friendly activity was covered by the national media.

Annual Intercollegiate Bilingual Declamation Contest - 2014

Defence Authority Degree College organized Annual Intercollegiate Bilingual Declamation Contest 2014 on 04 February 2014. Twenty teams from all over Karachi participated in the competition, in which S/Lt Shoaib Afzal PN (P NO 8857) won 3rd prize in Urdu Category.



NDDS brings home laurels

After bagging many awards in international debate/MUN conferences, this time it was NDD's Drama Wing that brought home laurels from an international frontier. A 10 minute micro drama was taken by the team to an international, Sydney-based short and sweet drama festival held in Dubai. The play, 'Death takes the train,' was a story about 3 friends confronting death on a train and revolved around the wake of many realizations in their hearts and minds about life and death from this encounter. Maria Qadri, Faculty Sponsor NDDS, directed the drama choosing 4 students from different schools of NUST to perform in the festival.

The festival was zero registration, workshop-based learning through a performing event, where the team had a first-hand experience of learning 'performance as a medium of expression.' The workshops also covered drama-based event planning, management and front stage/ backstage execution, and thus touched upon all areas of project management for our students which we can put to practice in our own calendar events. Some 37 teams showcased their scripts, including teams from US, Lebanon, Dubai, India and Turkey, and out of them 11 were selected, including NDDS script, to perform in front of Dubai theatre audience.

NFAC Launch Party

NUST Fine Arts Club is back, with a new team and re-assessed priorities. The new executive council has already streamlined several projects and the launch party was their way of saying: "Welcome! Now this, is what we have... stay tuned!"

The audience got to witness the rebirth of the Fine Arts Club, and its endeavours in the past through a short video. This was more of a roadmap of the club: genesis and revival.

Then came a host of performances that kept the audience at bay, such as 'Supreme Ishq.'

The performances were followed by a couple of interactive exercises. The first one involved flashing pictures on the big screen for a few seconds, and the person who correctly identified all its constituents was considered the winner. The second exercise though, was based on a printed medium. This activity can be summed as an ice-breaking

session, with rewards. The first two individuals to answer all the questions (subject to validation), were declared to be the winners.

The winners were awarded Willi Wonka style golden tickets. To wrap up the prize distribution, a musical performance was required, and a few notes on the rabab by Abdul Waheed (aka:

Giri), mesmerized the audience into submission. After this there was a short break for refreshments.

The final presentation commenced, with the proposal of a street carnival at NUST. The presentation extracted the kind of attention it was designed for, coupled with the president's touch, it was simply magical.

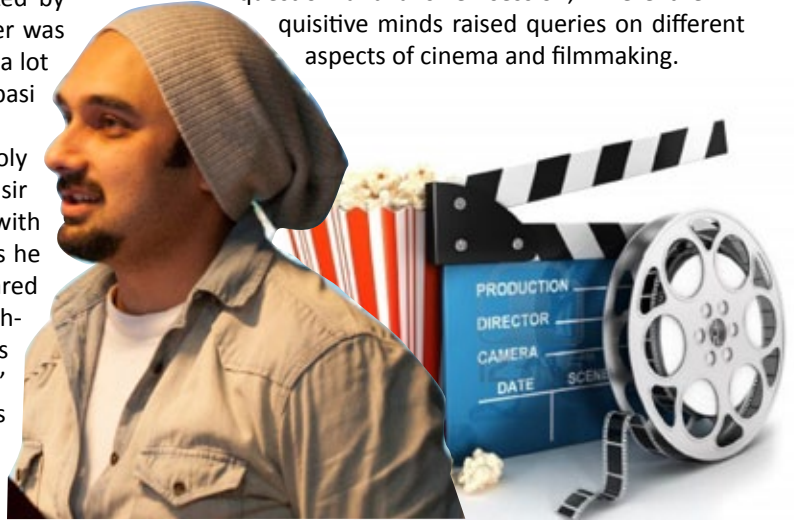


Celebrate Cinema with Yasir Jaswal by YES

The most awaited event 'Celebrate Cinema' organized by Youth Entrepreneurship Society (YES) – SEECs Chapter was held on 13th of Feb in SEECs seminar Hall. There was a lot of student attraction as Yasir Jaswal and Hamza Ali Abbasi were expected to be the guests of the event.

The event commenced with the recitation from the Holy Quran followed by a short introductory video about Yasir Jaswal before he was called on stage. Yasir started off with explaining his university experience and the problems he faced when he entered into the field of media. He shared that he was the eldest of 6 brothers and had done Bachelors in Advertisement from Bahria University. He was of the view that movies like 'Bol' and 'Khudake lei' should not be made as they showed a lot of tensions and problems in one movie and on the other hand movies like 'Dhoom 3' and 'Dirty Picture' should also be avoided as they are non-realistic. His idea about

movie-makers was that a movie maker should strike a balance between realism and action in order to entertain the audience. Later on in the evening, he showed the trailer of his upcoming blockbuster 'Jalebe' which according to him was his first production. Towards the end of the event was a question and answer session, where the inquisitive minds raised queries on different aspects of cinema and filmmaking.



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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Bioreach Society explores nature



A hiking trip, organized by NUST Bio-Reach Society (NBIOS) on February 22 turned out to be one of the most adventurous recreations for those who availed this opportunity. 120 people trekked through the lush green rocky hills of Margalla via trail 5, escorted by a team of expert hikers who made this 9km arduous journey a pleasure experience for everyone by their guidance. Pakistan Television provided coverage of the whole event. The students got to explore the wilderness of forest along the way, which is rich not only in floral but also in animal diversity. Monkeys and Squirrels were frequently sighted. At one point, students got to see water striders, an insect of Gerridae family that hops on water.

The first 30 minute stop was made in a plain under hill that had a beautiful rain water pond. There, everyone re-grouped, caught their breath, and re-fuelled themselves for the final

destination, Monal, where students were provided lunch by NBIOS. They enjoyed the pleasant weather and scenic beauty with their friends. Around 1700 hours the buses arrived to take students back to NUST.

A very positive and encouraging response was given by the students to promote such events in future.



Cycle Rally-NEC

Shehersaaz, in partnership with the Capital Development Authority (CDA), Islamabad Traffic Police (ITP) and some other organizations, including the NUST Environment Club, held a cycle rally on Sunday, 1st December, 2013 to promote the use of environment friendly means of transportation.

The rally was open to public and witnessed an overwhelming turnout of the young and the elderly alike. Its route began from Fatima Jinnah Park, Mehran Gate, circling around Sector F-8 and back. The supporting organizations set up their information booths and stalls inside the park where the rally participants visited them.

NEC's stall included especially made jute bags, models and murals from its annual Trash to Model events, promotion banners and flexes from past events, in particular the ones used in its unique Energy Confessions activities, which amused many of the observers.





Bake Sale

As a part of Nust volunteers Club's efforts to help the earthquake victims of Baluchistan, a Bake Sale was organized on 1st November, 2013. Students from all four departments of College of EME bought delicious, mouthwatering home-made goods, which were sold to raise funds for the calamity-stricken people of Balochistan. Pastries, cookies, doughnut, samosa, pakora, cakes, chaats the bake sale had it all! A lot of money was generated through this event as both teachers and students enjoyed these scrumptious goodies. The bake sale was an event that would be remembered for long time because not only was it entertaining but also had a social cause attached to it.

CATABOMB – Model Designing and Building Competition

American Society of Mechanical Engineers (ASME) NUST SMME Student Section organized an event on 6th March. The theme of the event entailed Model Designing and Building Competition. Students from different schools from all over NUST participated in this event. CATABOMB consisted two sub-events, one being 'Catapult Design', in which each team was given inventory in the form of Bamboo Sticks, ropes and some other supplementary material and were to construct a working model. The team with maximum projec-

tile range was declared the winner. In the second sub-event, 'Save The Egg' the teams were to construct a defensive structure around the egg. The team whose armor sustained maximum height without breaking the egg was declared winner. Prize distribution ceremony was conducted at the end of the event in which Chief Guest Dr. Abdul Ghafoor, Principal SMME awarded certificates and cash prizes to the winning teams.



Photo Hunt '14

Photo Hunt '14, the legacy of NUST Media Club returned on February 28, 2014 with a bang! A total of 60 teams participated in this year's Hunt with each team comprising around five members. Every team was allowed to give themselves a unique name and so did they come up with titles such as Photoholics, Warriors and Pappu gang. There were a total of 60 clues and 10 tasks. Each group was required to take a picture of the answer to the clue with a camera phone or a DSLR.

The Photo Hunt ended in SMME. The 3rd position went to "The Shugalis" who were awarded gift vouchers from "The Olive Garden," 2nd position went to the group called "Victorious Secrets" who were awarded a cash prize of Rs.5000 and the 1st position with the highest points of 600 went to the group called "Blues Clues" who won a dinner for the whole group in "La Montana."



Meanwhile, a small musical gathering was also organized in SMME auditorium by NMC for the participants of Photo Hunt.



Reduce, Reuse and Reinvent!

NUST Science Society organized an event titled Reduce, Reuse and Reinvent at SCME on Feb 21. The event despite being a novel idea received heavy following not only from H-12 but also from other constituent schools of NUST. With a total of 20 teams having 3

members each, the event was aimed at promoting the reuse of waste material to build useful projects and encouraging community service by contributing towards environmental control. This was achieved by challenging the students with the construction of two

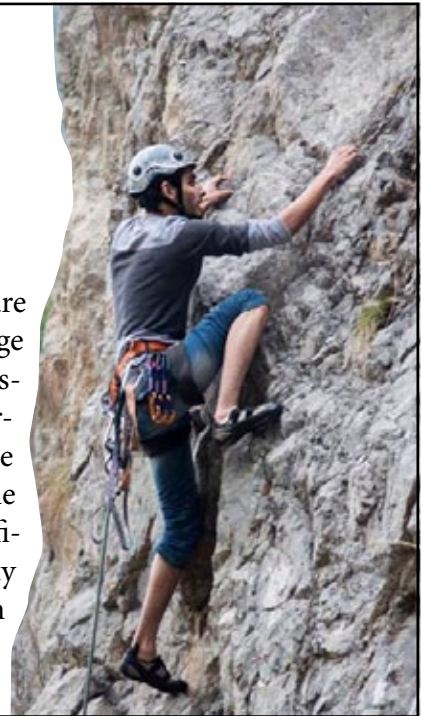
projects: Solar Heater using soda cans/plastic bottles, and Paper-making from old newspapers.

A major portion of the competitors were final-year students. The winning teams received cash prizes worth Rs. 5,000/-



Rock Climbing 2.0 at Saidpur Village

After the successful session of rock climbing 1.0, NUST Adventure Club (NAC) organized rock climbing session 2.0 at Saidpur Village on February 15. Around 31 participants took part in the event, displaying their vigor and determination towards rock climbing. During the training session, every participant on their turn climbed the rock as much as their stamina allowed. Lunch was also offered to the participants to recover their dwindling energy. Participation certificates were awarded to all enthusiastic rock climbers by the faculty sponsor Dr. Saud Khan. With this, another rock climbing session came to end.



e-waste awareness - SEECS

Seminar on e-waste was organized on February 25 at SEECS Auditorium to raise awareness about e-waste, its management and future prospects and projects to reduce e-waste. The facilitators for the event were Adnan Shahid, MIT graduate and an entrepreneur specialized in this field and Miss Arifa, Regional Manager at International Office of Griffith University, Australia.

Arifa started the session with introduction of Griffith University, explaining its academic collaborations with universities in Pakistan. Later, Adnan Shahid took the floor introducing e-waste and de-

fining its meaning in Pakistan. A video aired by Al-Jazeera about e-waste management in Pakistan was also shown to the audience who were surprised to note that Pakistan is the third largest dumping ground of this type of waste in the world. There is no policy or rules and regulation to deal with this dilemma.

The importance of going green in "People, process, technology and business" was highlighted. An interactive brainstorming session to involve student of NUST in going green projects was carried out in which many NUSTians showed interest and were willing to take the initiative. All in all, it was a highly informative seminar.



"Don't tell people how to do things, tell them what to do and let them surprise you with their results." — George S. Patton Jr.

SPORTS



Mubariz Ahmad: Pakistan's Tiger Woods

"On the tee from Pakistan, Mubariz Ahmad!" These words from the announcers at the start of each international golf championship make a chill run down Mubariz's spine as he gears up to conquer the 18 holes to bring acclaim to his country.

"There is a lot of pressure representing Pakistan, but it has gotten better with time," says Mubariz, the three time winner of the Faldo Series Pakistan. He has also represented the nation in countries such as Thailand, Turkey, Bangladesh and China, more than once.

Just nineteen years old Mubariz, has much to boast of at this young age. Bagging the first trophy of his life in 2004 at a local club tournament at the age of 9, he tasted the "buzz" of winning early on, and has not looked back since. He recently won his third consecutive Faldo Series Pakistan this year in January and will be representing Pakistan in the Grand Asian Faldo Grand Final, which is being held in China this March.

"It is the education and exposure that matters, and which gives you the vision to reach new heights," says Mubariz. "There is no dearth of talent in our country; it is just that people are ready to settle for less here." Mubariz, however, would not settle for anything ordinary in his life as is evident from his commitment to outperform others.

Mubariz' first kit was bought in Kemari, Karachi, where old things from the first world land here in Pakistan. "It was a lady's set. My father bought it cheap and we had to cut it down to fit my size," remembers Mubariz. The

kit he uses now, however, has been especially flown in from Singapore in order to do justice to his talent.

It was during Mubariz's trip to Iowa, U.S. that golf came to dominate his thinking, and perhaps his very existence. He went there with his father, who had to complete his Post Doctorate at Iowa State University. The six months spent in Ames, where he got himself enrolled in Ames High School and joined the varsity team, were life changer. "I was the only international student in the varsity team, and the coaches were very impressed with my game. I began to see myself in a new light."

Mubariz took his O and A levels examinations privately, and he even missed his final exam when he was called on to represent Pakistan in Thailand for the World Junior Championship. Success requires compromises, something which Mubariz realized early on in his life.

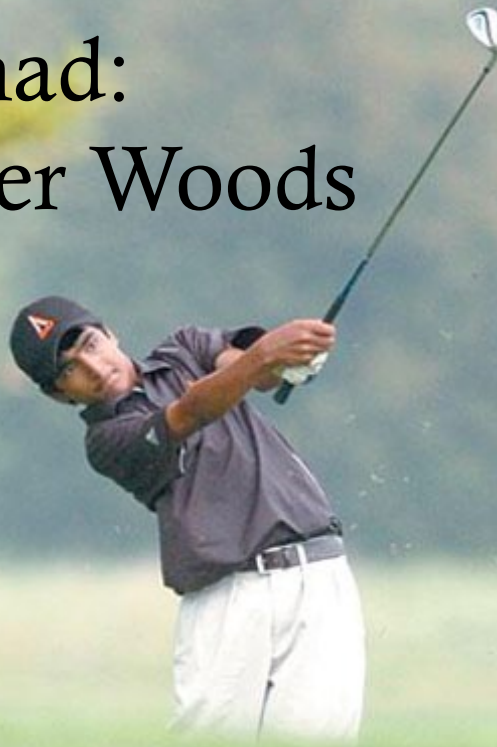
"Golfers from Pakistan are great

ambassadors for the country," says Mubariz. "We help promote a soft image of Pakistan, trying to break the stereotypical perceptions about the country." The Green Blazer, which Mubariz proudly adorns, is taken by him as an opportunity to tell the world at large that Pakistan is a country brimming with talented youth. It is a country which believes in peace and sports.

Mubariz, after having done well at high school, is currently studying at NUST Business School, majoring in Accounts and Finance. His parents are adamant on his performing well in academics as well, since the hard reality in Pakistan remains that a sportsman is not provided that cushion to sustain himself on the sport only. "My parents want me to have a solid back up", Mubariz says.

Mubariz's astute mind, however, sees the logic involved in golf to be almost as challenging as that involved in Accounts and Finance.

(Courtesy YOULIN Mag.)



Intra NUST Basketball (M)

Intra NUST Basketball (Men) Championship was organized at Indoor Hall, College of E&ME, Rawalpindi from 22-23 Feb, 2014. Six teams (Islamabad Campus, MCS, CAE, AMC, MCE and EME) participated in the Championship. In the final match of the championship, Islamabad Campus got 1st place, defeating CAE by 37-29. Maj Gen Obaid Bin Zakria Comdt. was chief guest at the concluding ceremony and handed over winner trophy to the victors.



CAE wins Intra NUST Hockey Competition

Intra NUST Hockey Competition was organized under the auspices of NUST Sports Branch from 14-16 February, 2014 at Military College of Engineering (MCE), Risalpur. MCE hosted the competition in which teams from AMC, MCS, E&ME, MCE and CAE participated. Brigadier Jafar, Commandant MCE was the chief guest for the event.

The first match of the tournament was played on 14 Feb, 2014 between MCS and MCE which was won by MCE by 2-1. Second match was played between AMC and E&ME in which

AMC emerged as victors. The third match was played between EME and CAE which was won by CAE by 3-0. On 15 Feb, 2014 CAE beat AMC by 3-2. First Semi-final was played between CAE and MCE the same day and CAE won the match by 3-2. 2nd semi final was played between AMC and MCS and AMC took victory by 5-0. The final of the tournament was played on 16 February, 2014 between CAE and AMC. CAE was able to score 3 goals against AMC and were declared the winner of the championship.



Amcolians earn intervarsity hockey championship berth



This year Army Medical College hockey team proved its mettle by qualifying for All Pakistan Intersvarsity Hockey Tournament. The journey started from Intra NUST hockey competition. The team, led by Captain Hashim Ejaz Malik and Vice Captain Talha Rehman Zahid, participated with full zeal and zest and qualified for Zonal Championship beating EME, MCS and CAE in Intra NUST Hockey Tournament. Talha Rehman, Usman Zeb and Ahad Sharif were leading goal scorers. Dawood, Fazal and Asad were solid

at defence.

The next step was Zonal Championship that was tougher milestone to achieve but morale of the team was high. In this championship 8 teams of entire zone (Rawalpindi, Islamabad and AJK Region) participated. Representing NUST, the team, after remaining unassailable in the tournament, beat Bahria University by 3-1 to become Zonal Champions. With this victory the team qualified for All Pakistan Intersvarsity Hockey Tournament.

“One man practicing sportsmanship is far better than a hundred teaching it.” — Knute Rockne

Blood donation

NUST Volunteers Club, E&ME in collaboration with AFIT organized a two day long blood donation drive in College of EME on December 16 and 17. Buses were arranged for the students which brought them from the academic block to the MI Room to donate blood. Students of the college participated in the campaign with full enthusiasm. Even faculty members showed up to donate blood. More than 400 people came to donate blood during this drive. This event proved once again that students of NUST strongly believe in social responsibility, and they can even donate the most precious thing that they have, their own blood.



Career counseling session with school students

The academic wing of NUST Volunteers Club (NVC) organized a Career Counseling session with the students of APS School and College on February 26. The interactive session was held for the students currently enrolled in the Matriculation and F.Sc. programme of APS. The students were told about different career-paths they could opt for. They were also made aware of the different scholarship and exchange programs offered by different universities around the world. The students were very enthusiastic throughout the session and desired to attend more such sessions to help them make the right career choice in the future.



Experience NUST



Experience NUST is an initiative that aims at providing students in schools and colleges, especially the underprivileged ones, a glimpse of the University by introducing them to different disciplines and facilities being offered there. Experience NUST is a result of hard work and efforts by a team of NUST Community Service Club (NCSC). The event consists of a campus tour, information sessions and a hands-on career counseling activity.

The first event under the banner of Experience NUST was held on February 20. The event received a turnout of a total of 56 intermediate students from two schools in the Capital: Punjab College for Boys and Postgraduate College for Women.

The students were given a tour of the vast and resourceful campus. After that, they were taken for a tour of NUST Business School/School of Social Sciences and Humanities, School of Electrical Engineering and Computer Sciences and lastly, School of Mechanical and Manufacturing Engineering. After an interactive on-campus tour the information session was held in which a short presentation on each school was delivered. Later, a Career Counseling activity by Nabeel Yunis was conducted to help the students understand their potentials and select the right career-path.

After the success of its first event, Experience NUST plans to increase the number of on-campus tours of students from different schools and colleges.



PNEC students at Sirat-ul-Jannah Orphanage

Students of Pakistan Navy Engineering College (PNEC), NUST, Karachi visited Sirat-ul-Jannah Orphanage on February 21. Students were apprised of facilities being offered at the orphanage and later they interacted with children.



Visit to SOS Children's Village C³A

Students of C³A visited SOS Children's Village, a well-reputed orphanage, on February 4. The purpose of the visit was to ascertain how career-related education is being imparted to these children.

Students had a meeting with Ms. Shama, Director of SOS Children's Village. She briefed the students about the services being provided at the Village.

The visit was very informative for the students regarding career-related education in both formal and informal settings. Student came up with a number of recommendations to improve career-related learning for the children at the SOS Village.



Winds of Change - 2014

NCSC's Character Building Team held their second event titled 'Winds of Change' at the seminar hall of School of Mechanical and Manufacturing Engineering (SMME) on February 20. Commencing with the recitation from the Holy Quran by Nasser Ijaz, the event was attended by over 300 students and faculty members.

The speakers at the occasion were Adnan Rashid (Historian, University of London graduate), John Fontain and Raja Zia-ul-Haq (CEO, Youth Club Pakistan and former regional manager, Middle East, Microsoft). The esteemed panel of speakers spoke on a variety of topics from 'Who are your heroes?' to 'The Spiritual Cardiologist.' Whilst the subject matter of the talks was extremely thought provoking, the speakers kept the seminar relevant and appealing for their younger audience. They placed special emphasis on concepts such as keeping the heart free of negativity, working hard for education and justice, and the importance of continually striving for the truth. The talk ended with a question and answer session, followed by a short speech thanking the speakers by the Principal of School of Manufacturing and Mechanical Engineering (SMME), Brig.

Abdul Ghafoor. Shields were given by the Principal SMME to all three of the distinguished speakers in order to recognise their efforts in reviving the youth on moral and spiritual grounds, and refreshments were served to the guests. Muhammad Ziyad Rasheed, General Secretary NCSC Character Building Team while thanking the esteemed guests for their invaluable expertise, also expressed the concern for inculcating moral values in the youth of today.



"I slept and I dreamed that life is all joy. I woke and I saw that life is all service. I served and I saw that service is joy." — Khalil Gibran

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News



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