



SCRIBE 2013

Quarterly Newsletter - September Issue



Advisor: Mr. Muhammad Asim Khan
Incharge LPS

Chief Editor: Madiha Aslam (BCIT)
Assoc. Editor: Anadil Masood (BE IM)

NED University Of Engineering & Technology

Editorial

The year 2013 was certainly a very eventful year with lots of activities taking place around the campus. We at the Literary Publication Society have tried our best to bring to you the most memorable and action-packed occasions of the NED University of Engineering and Technology in this "seventh" issue of Scribe. I would like to express my gratitude to each and every individual who has expended time and effort to make Scribe 2013 possible. Expressing all that goes around NED in a mere four pages is indeed a great challenge. In this edition, under the guidance of Mr. Muhammad Asim Khan we have introduced a new idea of time line to chronologically represent the major academic, engineering and IT accomplishments of the students and faculty who have distinguished themselves in the country and the world at large. Surely they deserve to have their efforts recorded in ink forever. We sincerely hope that you have a nice and engaging time reading.

Prof. Dr. Muhammad Afzal Haque takes over as the Vice Chancellor of the University

The honourable Prof. Dr. Muhammad Afzal Haque has become the new Vice Chancellor of the university after Engr. Abul Kalam late completed his third successive tenure. The university has started moving in new directions under his stated vision for the next four years that he shared during his first address in the NETA meeting; some of the focused areas are to: reinforce and expand university-industry linkages, develop research culture in the university, establish international collaboration with renowned top ranking universities, start joint degree and post-graduate programs with renowned foreign universities, and improve its HEC ranking from 10 to top 5 engineering institution in Pakistan. It is indeed a tremendous achievement after his all hard work that the institution he is heading now has been the place where he graduated from. Soon after assuming the position as the head of the university, Dr. Haque has ensured that due credit goes to those who have contributed to the growth of the university and thus has generously permitted to rename the central library as Engr. Abul Kalam Library in recognition of his long services to the university.

NED University leaving no stone unturned for helping NEDians

2013 proved to be the year in which NEDians were on a roll to improve their English language skills. The Department of Humanities organized an IELTS Preparatory course for students and faculty for the very first time in the Spring Semester. Under the guidance of trained and experienced instructors the students brushed up on their Reading, Listening, Writing and Speaking Skills. Two students from the first batch appeared in the IELTS (International English Language Testing System) exam of the British Council and scored outstanding 7.5 and the rare 8 bands. Following the success of this course, the Humanities department organized another IELTS course in the Fall Semester and also a new "Oral English Proficiency Courses". The main motive behind these initiatives is to enable the young engineers improve their skills so that they can communicate effectively in international languages for further studies, at work place and to pursue employment opportunities abroad.

3rd National Workshop on Construction Material

The 3rd National Workshop on Construction Materials was held on Saturday, March 09, 2013 at NED University of Engineering and Technology. The workshop was organized by Construction Materials Research Group (CMRG) at NED, which was established with the vision to strengthen the research related to construction materials in all aspects, to provide services to the construction industry to overcome issues related to different construction materials and to promote the best use of the construction materials. This workshop provided an opportunity to the industry to share their experiences and perspectives on issues and challenges confronting the Industry. Over 150 professionals from academia, government, industry including manufacturers, suppliers, consultants, contractors, and regulating bodies participated in the event.



Team Members:

Editor: Michelle Pinto (IM-BE) & team
Sona Kanwal (CIS-TE) & Bilal Farhat (ME-BE)
Reporting: M Wasiq Sheikh (IM-BE) & team
Design & layout: Noman Feroz (CE-TE)

Special Acknowledgment :

Mehdi Ali (IM-TE)
Ahsan Altaf (PE- BO)
A. Saboor Khan
Graphics Designer: Syed Haroon Ahmed
(Department of CSIT)

International Conference on Energy and Sustainability (CES)

One of the major achievements of the NEED or 'Network of Excellence in Energy Development' Society this year has been the successful undertaking of an International Conference on Energy and Sustainability (CES) that was held on the 27th of April 2013 in the Mechanical Engineering Department of NED-UET. The objective was to provide a forum for exchange of ideas and information regarding current research activities in sustainable energy and discussion of plans for addressing the relevant issues in the country. The participants included notable scientists, engineers, managers, and policy makers from various countries including the UK and Saudi Arabia. The papers presented at the conference had been peer-reviewed by experts in the respective fields and were related to power generation, renewable and alternative energy, and hybrid energy solutions, to name a few.

Established in NED University of Engineering and Technology, The NEED Society, as the acronym suggests, is a collaboration of professionals that aims to tackle one of the most crucial, necessary issues of our time, and particularly of the region in recent years; the energy crisis. This research group focuses on small and large-scale projects that explore new and alternative methods of energy production.

JANUARY

Qirat, Naat and Seerat-ul-NABI [S.A.W.W] Competition

On 17 January, the Debating Society, under the guidance of Ms. Nausheen Kidwai, successfully organized a Qirat, Naat and Seerat-un-Nabi (S.A.W.) competition, in the auditorium of NEDUET. The competition sparked a spirit of devotion towards the Prophet Muhammad (S.A.W.), by emphasizing upon the life of the Holy Prophet (PBUH) and His Sunnah. Thirty five students participated in the event and competed in the categories of Qirat, Naat and Speech.

FEBRUARY

CSITians bag top positions in IBM DB2 Certifications.

On February 13, an Award ceremony was held in Civil Video Conference Hall and students were awarded the international IBM DB2 Certification by the IBM representatives and Chairman CSIT Department- Prof. Dr. Najmi Ghani Haider. Under its educational program IBM offered a splendid opportunity by providing free IBM DB2 training sessions to the students of NED University belonging to CSIT, CIS, Electrical and Electronics Engineering Departments. In Karachi, the program yielded the maximum number of achievers from CSIT Department contributing to a phenomenal success rate as compared to other universities of Karachi. Zarmeen Nasim from third year Software Engineering aced the list with a smashing 85%.

Bilingual Literary Recital Competition

Love for literature exists in the hearts of many, even those who study science and technology as their majors. Hence, Literary & Publications and MOSAIC Societies in collaboration with Controller Student Affairs Department organized Bilingual Literary Recital Competition 2013, at the CIS Lecture Hall on 26 February. The quality of extracts and poems selected and the expressive recitals showcased the students' affection for literature. The first prize winners for English poetry and prose were Madiha Binte Saeed (CE-148) and Abeera Azeem (EL-035), respectively and for Urdu prose and poetry Binte Zohra (EL-047) and Sidra Ehsan (CH-051) won the first prize, respectively.

MARCH

Seminar on Prophet Muhammad (PBUH) & Photographic Exhibition of Sacred Relics

Department of Humanities in collaboration with Rumi Forum organized a seminar on "Prophet Muhammad and Human Rights" on Tuesday, March 12. The event started with the photographic exhibition of sacred relics of the beloved Prophet Muhammad and his companions, contributed by Topkapi Palace Museum of Turkey. Prominent speakers at the event included Prof. Dr. S.F.A. Rafeeqi, Pro VC II and Dr. Abdul Hai Madni (Humanities Department) accentuated how prophet Muhammad (SAWS) promoted peace. The event was a smashing success attended by over 400 guests including students and faculty members of the university and also some visiting Turkish students.

The fun side of life at NED- Spring Festival 2013

NEDUET Main Campus was bright with the colors of spring, as the students' affairs department in collaboration with NED's seven societies organized the mega Spring Festival 2013 on March 14, making it a fifth time successful event. This time, however, to add something new to the legacy, the festival was renamed on all official papers as "NED Euphoria-desi fun gala". The esteemed ex-Vice Chancellor, Engineer Abul Kalam late inaugurated it as the last event of his tenure at NED. The event began with a small farewell cake cutting in the very beginning, and later the students from all three campuses engaged themselves in countless activities available at students' stalls including food, games, and enjoyed a long day in their own ways. More than 10000 people comprising of students, faculty and their families, media celebrities, media representatives, guests and visitors witnessed the mega event.

Water Day

The water day 2013 was celebrated for the first time at the Department of Civil Engineering. The main objective of this event was to provide awareness to the students about important aspects of water resources management at various levels in everyday life. The event consisted of several competitions, oral speeches, written essays, poster design and a general quiz all related to the topic of water management. The prize distribution ceremony was held in the Video Conferencing Hall where winners were given event shields along with gifts by the Chief Guest Pro-Vice Chancellor II, Prof. Dr. S.F.A. Rafeeqi.

KHOAJ III – "The fire within"

On 2 April "KHOAJ III – The Fire Within" was organized by American Society for Heating, Refrigerating and Air-Conditioning Engineers, (ASHRAE). The event began at 9am, in the NEDUET Main Auditorium with the atmosphere full of vigor and excitement. Speakers like Saadi Makhdoom, Qaiser Abbas and Maddy Murtaza enthralled everyone with their presence. The event further included writing or photography competitions in order to engage the audience. Students from different universities participated. The participants were divided into 8 distinct teams. This event finally came to an end at 4 in the afternoon. The motive of the event was to encourage the youth and to channel their potential in the right direction.

IMARC

This year, once again, the Media & Communications society of IBA organized the mega event I-MARC (IBA - Media Accession and Reinforcement Convention) in which participants showcased their sentiments for Pakistan by using different forms of media; a mock press conference, a lively theatre presentation and criminal case solving activities to highlight the importance of objectives of journalism and reporting. As always, there was a huge participation from NED. Amongst the many participating universities from all over Karachi, the team led by Syed Bilal Farhat (BE Mechanical), Madiha Binte Saeed (BE Civil) and M. Osama Siddiqui (Electronics Graduate) was able to clinch the runners up spot and a prize money worth 50K, once again proving that NED doesn't just produce quality engineers but can also mark its spot amongst the top notch business institutes.

APRIL

Foreign Languages Programme at NED University- Facilitating Engineers in pursuing further Education in Europe

NEDUET through Humanities Department has been facilitating its graduates in their pursuit by offering on-campus short foreign language courses in Arabic, German, and French. The German and French Language Courses at NEDUET are being conducted in collaboration with Goethe Institut Pakistan and Alliance francaise de Karachi [AFK] respectively. Besides conducting foreign language courses, other areas for collaboration and facilitation are being identified by the Humanities Department to enable the students to fully benefit from the available opportunities that these countries offer. This international academic collaboration was further extended through an informative seminar by Alliance francaise de Karachi and French Embassy in Pakistan for the students and faculty of NED University under the title "Engineering Studies: Think France!" in which the French delegates shared with students the opportunities and prospects for higher studies in France. Mr. Frederic Bessat, Cultural Counselor, Embassy of France in Pakistan arrived from Islamabad to conduct this session which also informed students and the faculty present in the audience regarding the scholarship and funding opportunities available in France and also through French Embassy in Pakistan.





Inauguration of Water Modeling Centre

Inauguration of Water Modeling Centre was held on May 21, 2013, at the Department of Civil Engineering, NEDUET. The Honourable Vice Chancellor Prof. Dr. Muhammad Afzal Haque along with the other distinguished guests Prof. Dr. Sahibzada Rafeeqi, Pro-Vice Chancellor II, Prof. Sarosh H. Lodi, Dean Faculty of faculty of Civil Engineering and Architecture and Chairpersons of Faculty of Civil engineering and Architecture inaugurated the centre.

Idea of establishing such centre which can serve researchers, students, and the society was the brainchild of Prof. Dr. Syed Imran Ahmed, currently serving the Department of Civil Engineering, NEDUET, under Foreign Faculty Hiring Program of Higher Education Commission, Pakistan. A stretch of 4 months of team work, dedication, and support from the higher authorities at the NEDUET, this centre is now active and is capable of managing water related issues, enhance water and environmental conditions throughout the country, perform flood and watershed management practices, and develop models for the upcoming environmental challenges.

3 Teams from NED qualify for the All- Karachi P@SHA Launchpad

P@SHA(Pakistan Software House Association) held its annual "Launchpad: A liftoff for Groundbreaking Ideas" in Sheraton Hotel. 3 teams from NED CSIT Department participated in the event. The projects were Home Inventory System, Vision Testing App and Bringing Dynamic Simulation to Engineer in the field.

P@SHA holds this event in Karachi, Islamabad and Lahore to provide students an opportunity to pitch their ideas to the corporate world. This year a total of above 160 projects were submitted from Karachi, out of which 22 projects were selected. The projects were distributed in 3 categories: Social Innovation, Start-up Product and Idea.

ITEC

This year the annual All-Pakistan Information Technology Exhibition & Competition was held by the Computer Science & Information Technology department on 8th July 2013. The chief guest at the event was Dr. Muzaffar Mahmood who inaugurated the ICT Ideas and Projects exhibition.

Other competitions that were held included Speed Programming, Web Designing, Networking & Security, Mobile App Development, Database Designing, UI Designing, Logic Quiz and Gaming. Over 800 students from NED, FAST, SSUET, MAJU, COMSATS, ZABIST and other various universities of Pakistan participated in these competitions.

Career-Tech was also a core part of ITEC and gave opportunities for short-listed candidates to give their job interviews to representatives of IT companies like STREEBOS, Vectracom etc.

MOSAIC Arts and Crafts Exhibition

MOSAIC is a society that deals with arts and intellectual creativity in NEDUET. The society organized an Arts and Crafts Exhibition, on 27 August , in the main auditorium. The purpose of this event was to; bridge the gap between the academia and industrial globe, provide a platform to showcase the talent of our youth and to boost the students' confidence level. It was a 2-day event with the competitions divided into two categories: exhibition and on-spot. Competitions were held on the basis of painting, calligraphy, sketching, handicraft and photography. On the first day, a theme was provided to the participants to produce art in a limited time and on the second day, exhibition was held and the results were announced.

IUMUN'13

Make no mistake; the engineers of NED are now considered a formidable force in MUN conferences. The students from NED were out there to prove their mettle once again, this time in Iqra University's Model United Nations '13.

Two delegations from NED University were sent for official representation. A total of 19 delegates carried the badge of NED. Delegation headed by M. Wasiq (BE IM) was assigned Pakistan whereas the other delegation headed by Dania Mansoor (SE CH) got USA. With committees like SPECPOL, DISEC, GC and UNSC; IUMUN was a treat for debaters.

The two day session passed with heated debates. NEDians mustered their courage to perform well enough. With people from the best institutions of Karachi, it wasn't easy. The results proved to be enormously exciting. NEDians gathered a total of 10 awards which made them as the SECOND best delegation. There were six Best Delegate awards clinched by Dania Mansoor, Hiba Latifee, Rabeea Hasan, Mariam Mujtaba and Abdul Moiz, two Honoraray mention Awards for Umair Kareem and Yasmin Ali, one special mention for Ammar Mulla and one Best Position Paper Award for Rehan Afzal.

MAY

JUNE

JULY

AUGUST

Sports; Warm up, Get set, Action

The students of NED University have always demonstrated great enthusiasm when it comes to participating in sports. They have been winners at Interuniversity Badminton Zones, doubles and were second runner-ups at Water polo Islamabad, 2012. They also participated in interuniversity basketball, volleyball and cricket. NED hosted All Karachi table tennis 2013 and all Pakistan Interuniversity Squash.

The inter-departmental Boy's sport competitions were initiated in full swing. Matches were held between different departments, bringing in sportsmen to compete for the winning trophy. Volleyball, cricket, badminton, body building, football, basketball, athletics, squash, chess and table tennis were some of the competitions that the boys participated in. The departments that were primarily seen participating included Civil, CIS, CSIT, Electrical, Polymer, IM, Mechanical, Petroleum and Petroleum. The department of Civil Engineering seemed to be echoing with victory this year rounding up winning trophies for volleyball, basketball, athletics, table tennis and tennis. The department of Polymer and Petrochemical Engineering rounded up the winning trophy for body building and stood runner up for Volleyball. CSIT proudly gained victory in the Cricket match and Mechanical rounded the runner up trophy. Mechanical also succeeded in bagging the winner's trophy for squash. The smart minds of IM won chess and also rounded first prize in body building. They won the runner up position for basket ball. Electrical succeeded in bagging the victory in badminton and the runner up position for squash and tennis.

AIESEC

AIESEC has been facilitating youth leadership activities as well as international internships & volunteer experiences for over 64 years, developing a global learning environment across 113 countries & territories. AIESEC is a global, non-political, independent, not-for-profit organization run by students and recent graduates of institutions of higher education.

AIESEC in Karachi is the highest exchange performing Local Committee of AIESEC in Pakistan. Since 2005, AIESEC marked its entrance in NED in 2008 with one member, now AIESEC in NED has 10 full members and 2 associate members. AIESEC has been able to touch more than 15 lives of Engineers in NED by giving them opportunities abroad in terms of social internships. AIESEC in NED is committed towards AIESEC International's goal of engaging every young person in the world. AIESEC is a platform which not only provides international exchanges but also provides leadership opportunity. The goal of AIESEC in Karachi and AIESEC in Pakistan is to work towards meaningful and life changing exchanges so that a positive image of Pakistan can be portrayed globally.



ASHRAE: American Society of Heating, Refrigerating and Air Conditioning Engineers

ASHRAE is an international society founded in 1894, focused on building energy efficient and sustainable systems. The society intends to attract students to the field by giving them an exposure of what the industry has to offer. The ASHRAE- NED Chapter is popular for its efforts to spread awareness among engineers regarding energy conservation. The chapter is dedicated to the ASHRAE vision and is working towards a better tomorrow.

ASHRAE- NED Chapter has gained plaudits for its successful workshop; KHOAJ! KHOAJ! 3 further aimed at reawakening the souls of the individuals and helping them deal with failure. Other events organized by ASHRAE include: HVACR 20th Expo & Conference, Hour Analysis Program on HAP software, Seminar on Green Buildings & LEEDS Certification, Seminar on Green Economy and last but not the least A.C. E 2011.

IEEE: Institute of Electrical and Electronics Engineers

The NEDUET Student Branch of IEEE, is the oldest student society at NED. It has always worked adamantly to host educational seminars, knowledgeable workshops and innovative project competitions for the students of NED to prove their mark in the global community. IEEE NEDUET SB 2013 gave a perfect start to this year by hosting a multi-speaker informative seminar "XPLORE" which successfully introduced IEEE to the NEDians. In April, a seminar on "GPU and CUDA programming" was conducted by the team to enlighten the students about the benefits of GPU and its various applications. This was followed by "IEEE ENVISION 2013", the first ever Project Pitch Competition at NED was held in June with the initiative to cater the need of the students in technical and presentation skills. IEEE in NED has two sub division; WIE (Women in Engineering) and PES (Power and Energy Society).

The inaugural edition of MUN Conference, attended by a horde of students from various schools, colleges and universities of Pakistan, was the first ever event organized by WIE, in December 2012. This was followed by "RebootTheEarth" (Reboot the Earth), in May, which comprised of Beach Cleaning, Photography Contest and Paper Bag Fabrication. Next in line was NED Parliamentary Debating Championship 2.0 (NPDC 2.0), from 3rd till 5th June 2013.

PES, since its foundation in 1970, has become the largest professional group in IEEE. PES NEDUET Chapter was founded on 17th April, 2013. It is expected that PES NED Chapter will provide important insights to the undergraduate students, on power and energy sector, by arranging different seminars and projects.



SME: Society of Manufacturing Engineers

SME is an international society that strives to inspire and support Manufacturing Engineers in the advancement of Manufacturing, all over the world. Realizing the dire need of the students of NED, the SME NEDUET Chapter U-211, the first in Pakistan, was established in June 2010. The society has been providing the students a platform to develop sound engineering insight. For this reason, SME NED arranges competitions, seminars, workshops and industrial visits.

The first major event successfully pulled off by SME this year was SHOUT RIGHT OUT- a QUIZ COMPETITION, held on 23rd July. Next in line was SME sports week 2013, held in September. Students from the department of IM participated in sports like badminton, table tennis, football, cricket and futsal. At the same time, a seminar on Online Information Security was organized. Held on 4th September, in collaboration with Bytes for All; a human rights organization, this seminar encompassed the safety and privacy of one's personal information on social media. In an era where everyone is a part of the social media, in some way or the other, this was a very helpful session for all. SME has also arranged three industrial visits this year; Amreli Steels Pvt. (Ltd), Atlas Honda Limited and Atlas Engineering Limited.



ASME: American Society of Mechanical Engineers

ASME NEDUET Section strives for creating leadership and developing technical skills in the students. It works tirelessly to accomplish its mission which is quite evident from the past events held by ASME NEDUET Section such as industrial visits, seminars, conferences. One of the glittering features of ASME NEDUET section is that its body is elected through a department based election system. The candidate criteria are based on open merit, which means that any mechanical engineering student of NED can take part in the elections. Egg drop is one of the most interesting competitions allowing students to ponder on and be as innovative as they can in coming up with the best mechanical design. SLS/SPDC had competitions in various categories this year including technical presentation, poster, graphics and student design project. The winners of these contests were sent to UET Peshawar for the national competition where NED won and will now be going to Malaysia for the subsequent international competition.