

# Scribe

## ANNUAL NEWSLETTER 2010

LITERARY AND PUBLICATION SOCIETY



NED University  
of Engineering  
and Technology

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## EDITORIAL

Dear Readers, With the Grace of The All Mighty, I am proud to present to you the 4th Issue of Scribe, NEDUET's very own annual newsletter, your ultimate yearly 'Back to the Future' ride. I call it so because with so much going on, it really is virtually impossible to keep track of all events and happenings. Hence, LPS (Literary and Publication Society) brings forth two publications covering most of the year-round activities; 'Scribe'-the newsletter and 'INSIGHT'- the E-Zine both of which are available online through the university website. I also urge you to contribute via your articles, jokes, photographs, achievements, feedback etc. I must acknowledge the consistent efforts of my team and of course the sincere guidance of Dr. Sajda Zaki without which this issue would not have been possible. I'm also grateful to Muhammad Ali Khatr from the Design team for coming up with this impressive layout which I hope pleases every eye that sees it. Keep your fingers crossed for another exciting adventure-packed issue next year. Signing out, happy reading!

**Bilal Siddiqui** (BE PE)  
Chief Editor Scribe

My Team: Faisal (TE MY), Arham (TE MY), Zulekha (FE CIT), Yusra (BE CIS), Tawheed (TE IM), Hassan (FE ME)

## NED INDUSTRY, ACADEMY & RESEARCH—SENTEC SOCIETY

The society for promotion of Science, Engineering and Technology-SENTEC organized NEDIAR on 10th Aug. comprising two contests: An all Karachi Inter University Engineering Quiz, and Project Exhibition and Competition. In the Quiz Competition, four engineering universities (NEDUET, SSUET, UIT and PNEC) tested their cognitive abilities and alertness, finally, PNEC Team won the trophy. The Project Competition & Exhibition was a unique idea in the sense that it compelled students to apply their skills in developing projects related to NED which firstly, provided them a real life opportunity to apply their skills by developing an engineering solution, and secondly it blended with the idea of making practical efforts to improving our immediate environment. The idea was well appreciated and the ingenuity of this thought is attributed to the new faculty In charge of the Society, Engr. Sundus Ali. The event was inaugurated by the Pro-Vice Chancellor, Prof. Dr. Shams Ul Haq. Twenty teams participated bringing unique projects all developed within the context of NEDUET. Each idea was appreciated by the jury members and visitors who found the competition very tough and the decision of the winners extremely difficult. Eventually, "Hybrid Vehicle" project was declared as the best project and the project named "NED Inventory System" was awarded the runner-up prize. The winning teams were awarded certificates and cash prize at the closing ceremony by Dr Sajda Zaki, Assoc. Prof. humanities Deptt.

## TECH ELITE '10 CIS DEPTT.

Computer & Information Systems Deptt. Organized its annual all Pakistan mega IT exhibition and competition on 29th April. This inter university event was inaugurated by the Vice Chancellor Engr. Abul Kalam who was accompanied by Dean Prof. Dr. Talat Altaf, Chairperson Prof. Haseena Khatoon, & President of PASHA Ms. Jehan Ara. The event brought technically skilful elite of all the leading universities like NED, FAST, SirSyed & Karachi University competing to establish their competence in software modeling and designing, and software project competitions. The impact and outreach of the event had not only attracted large numbers of students who came to witness the event, but also sponsors like Systems Limited, Telenor, Trg-Tech, Folio3 and TPS, Mazik, Mixit, PnT, Hamari Web, Techlogix. NEDIANS proved their mettle by grabbing positions in each category. Dean, Faculty of EEC, Prof Dr Talat Altaf appreciated the efforts of TechElite organizing team in enhancing the standards of the competition and surely the credit goes to the President TechElite, M. Kashif Munir (BE CIS) for leading his team and creating the synergy to put up another impressive event.

## SPEC 2010

The 5th annual All-Pakistan SPEC 2010, the most talked about event of the year, was held on Monday 19th April 2010, at the Dept of Electronic Engineering, NED University of Engineering & Technology. This year the event got bigger and even better with new categories introduced to the event scheme of competitions on one hand and increased sponsorship and media coverage on the other. The event displayed 100 quality projects, was witnessed by 6,000 plus visitors and offered competitions in categories viz. Alternate Energy Competition, Make from Scratch competition, Call for paper Competition, Gaming Competition, Raw Studios Competition. The event was inaugurated by the Vice Chancellor NEDUET, Engr. Abul Kalam, who was accompanied by the Dean ECE, Prof. Dr. Talat Altaf. The event ended with a Career Counselling Seminar conducted by Humair Ahmed (Member of IPA) and Mr. Umair Jaliawala (senior associate in School of Leadership). This mega-event was organized by the students of TE-Electronics batch 2007-08, under the leadership of Mr. Mansoor Salah and supervision of Ms. Ayesha Akhtar.

## ITEC 2010

The Department of Computer Science & Information Technology held its 3rd ITEC – annual mega IT event on 31st May, inaugurated by the VC, Engr. Abul Kalam. The Software Exhibition and Competitions elicited enthusiastic response from the technically skilled students from the leading universities in Pakistan, providing opportunity to showcase their talent and compete under five regular categories of the contest and the sixth one with the Animation Competition introduced for the first time. Talent Scouts from leading IT companies were present to spot promising students and ideas. Another major highlight of the event was a seminar on the theme "The Entrepreneurial Challenge" with the objective of informing and evoking interest in students about Entrepreneurship in terms of identifying opportunities, knowing the entrepreneurial process, and its importance and contribution in enhancing our economy. Dr. Zahir Ali Syed and Mr. Azhar Rizvi who are active in promoting Entrepreneurship spoke on the concept and sources of funding. Mir Salman Ali, a former BCIT student spoke about his venture as an entrepreneur, which he began while still a student. Mr. Qamar Hafeezi representing Mazik Global spoke on how this Company started up. At the Closing Ceremony, winners were awarded prizes by Prof. Dr. Shamsul Haq, Pro-Vice Chancellor, and Prof. Dr. Mahmood Khan Pathan, Dean ISH who appreciated the organizers for another successful event.





NEDUET's debating Society is back in action with fresh energy and ideas owing to a new faculty in-charge, Mr. Mohammad Freed Dar, Lecturer, Humanities Deptt. The Society this year managed to bring 38 speakers from 18 universities both public and private under one roof at an ALL Karachi Inter University Bilingual Declamation Contest. Each speaker with a wealth of information translated into powerful arguments & transmitted using the most effective communication schemes tried to win over the judges and a huge audience assembled to witness the contest. Dean Faculty of Chemical & Process Engineering, Prof. Dr. Muhammad Tufail was the Chief Guest on this occasion who later awarded the certificates and prizes to the winning teams and speakers. Karachi University & Sir Syed University bagged the prizes for best Speaker English & Urdu respectively. Sir Syed University also won the team trophy.

## SPRING FESTIVAL - ALL SOCIETIES EVENT

The Spring Festival 2010, jointly organized by CSA and the seven Students' societies was a keenly awaited event celebrated on 16 April. The colorful festive event was inaugurated by Mrs. Abul Kalam, wife of the Vice Chancellor NEDUET, Engr. Abul Kalam who was also present along with Mr. Adersher Cowasjee. Students from all the deptts. participated eagerly. Around 100 stalls were set up by students offering delectable food items, interesting games, funk studios, jewellery and clothing stalls which attracted large number of people visiting them including faculty, guests and university administration. A large number of promotional stalls from leading consumer goods and services providers were also set up. The much anticipated "NED Idol 2010" was won by Ahmed of BCIT and the title was presented by famous media personality Imran Abbas who also serenaded the audience with his vocals. The GEO TV's Awaaz Show's popular Duo Mir Muhammad Ali and Omer Ikram also visited the Spring Festival and entertained the massive crowd. The event highlight was the performance by NEDUET's own up and coming underground rock band "Zeest". Omair and Saqib, like last year, once again rocked the house with their splendid performance. The students' organizing committee worked tirelessly to make this show such a gigantic success which was well recognized with the announcement of lunch treat for them by the Pro Vice Chancellor, Dr. Shamsul Haque.



## Rejuvenating Pakistan LPS & CSA with CSN

Constructive Students' Network in collaboration with LPS & CSA continued the spirit of building Pakistan through its youth with a 3-day technical training program entitled "Rejuvenating Pakistan- preparing engineers for soaring tomorrow's flight!". The event took a carefully selected group of 80 students through a series of thoughtful grooming first at their personal levels then at their professional level and later coinciding both for the national development. The sessions were lead by seasoned trainers including Sumair Abro & Adnan Hussain (NAVITUS), Mr. Sohail Zindani (Learning Minds), Mr. Kanwar Anwar Saeed (Engro. Corporation) and Mr. Jamshed Dastur (a fresh NED Graduate who is a promising entrepreneur running 3 companies) who provided the youth a chance to reflect upon constructive energy and thought and to develop a broader perspective about them and their surroundings. The opening day activities concluded with the presentation ceremony chaired by Prof. Dr. Shamsul Haque, The Pro. Vice Chancellor-NEDUET whereas, the chief guest at the closing ceremony was Engr. Abul Kalam, Vice Chancellor-NEDUET. He was accompanied by Pro. Vice Chancellor (Dev.) Prof. Dr. Muzaffar Mehmood. The student coordinator for this event Faisal Jafri BE Telecom deserves appreciation for leading his entire team of students all exhibiting constructive energy and thinking.



## TREE PLANTATION DAY GREEN SOCIETY

The mission of Green Society is to focus on environment preservation and keeping mother Earth green by celebrating Tree plantation Day on the campus each year. Students representing various departments with their faculty in charge Mr Mehmood Ali organize tree plantation activities by students, faculty and university official at different points on the campus which inculcates in students the concept of actively contributing to saving and enhancing the green resources essential for our survival. This modest effort of the students and Green Society has helped in changing the barren landscape of our campus.

## ESSAY COMPETITION PAKISTAN SOCIETY

Members of Pakistan Society under the supervision of their in charge, Ms. Farzana Shakoor dealt with a serious issue confronting Pakistan: "The Crisis of Leadership in Pakistan" at the annual essay competition. The essay competition was organized in both Urdu and English languages where students of different departments competed. The winners were: Ainul Maqsood (FE TX) Mohd Uzair (FE ME) M. Shozab (FE CIS) 1st, 2nd & 3rd positions in Urdu; Yusra Ali (FE CIS), Moiz Arif (FE TX) Mohd. Ali (TE CE) 1st, 2nd & 3rd positions in English.

## ACTIVITIES ORGANIZED BY GIRLS' AFFAIRS SOCIETY

Annual Girls Picnic, Seminar on Gender Issues, Pakistan Study Tour for Girls & participation in the Spring Festival kept Dr. Shaista Parveen (faculty in charge) & the student-members of Girls' Affairs society heavily occupied throughout this year. The society provides to the female engineering community of NED opportunities for entertainment and fun on one hand and discussing gender issues on the other.

## ARTS & CRAFTS EXHIBITION MOSAIC SOCIETY

On May 18, an exhibition & competition of paintings, posters, sketching, calligraphy, handicraft and photography was organized at NEDUET showcasing the creative talents of our aspiring engineers. The event was coordinated by the in charge Mosaic, Ms. Dilshad Akbar Ali who along with her team welcomed the Chief Guest Prof. Dr. Mahmood Khan Pathan, Dean ISH and the judges, Ms. Waheeda Mansoor & Mr. Usman Ghori from Indus Valley School of Art & Architecture. The winners were: Contest: Madiha Safdar (SCIT) Best Painting, Sara Arif (FE-IM) Best Sketching, S. Mohsin Ali (BE-IM) Best Calligraphy, Ali Siraj (FE-TC) Best Photography; Exhibition: Fahad Khan (BE-CE) Best Painting, Hafiz Bilal (TE-EL) Best Poster, Sana Adnan (FE-CE) Best Sketching, Junaid Ahsan (BE-CE) Best Calligraphy, Kanwal Nafis (SE-TX) Best Handicraft, Ali Siraj (FE-TC) Best Photography. A special trophy was awarded to Irfan Ali Syed (TE-Arch) for the best overall theme.

## BILINGUAL LITERARY RECITAL CONTEST - LPS & MOSAIC

The subtleties of ideas and themes and the exquisiteness of languages both Urdu and English were strongly felt by all on March 16 when eminent writers and poets of Urdu and English were remembered and their works recited by the students of various deptts. The inter departmental contest was organized under four categories viz. English Poetry, Urdu Poetry, English Prose, and Urdu Prose. The students selected their recitals from serious and humorous genres. The Chief Guest, Prof. Dr. S.F.A. Rafeeqi, Dean Faculty of Civil Engineering & Architecture, a literary man himself, along with two invited judges evaluated the students in terms of the quality of selection and delivery. The event was thoroughly enjoyed by students and faculty alike since it provided them a soulful and refreshing interval in the technical routine. The first and second prize winners in each category were: Ammar Salim BE Civil & Taha Jamal BE Electronics (Eng. Poetry), Muhammad Faiq BE Chemical & Tehreen Raza TE Electrical (Urdu Poetry), Juhi Khan SE Urban & Najia Hadi SE Computer Systems (Eng. Prose), Aimen Salam BE Electronics & Farah Baes BE Telecom (Urdu Prose).

# IEEE - STUDENT BRANCH OF NEDUET

IEEE Student Branch of NED University of Engineering & Technology, formed on 10th June, 1983, is one of the oldest student branches in Karachi. Membership is limited to graduate and undergraduate students of NED. It strives to harness the technical skills of aspiring young engineers through a vast range of activities. The new Chairman of IEEE - NED students' branch, Mr. Azhar Kazi has resolved to take the branch activities to new heights by initiating 3 new societies: robotics, communication and computer society. IEEE- NED Students Branch ran its membership campaign during which they created awareness about the IEEE its mission and activities; as a result there was a considerable increase in student-membership. The IEEE NED EXCOM organized an industrial visit of SIEMENS Pakistan. The trip was extremely influential in linking the students' technical knowledge with the applications in the industry. A Seminar on "Booming Media - Where do Engineers stand?" was organized on 26th July in collaboration with the Broadcast Engineers Society of Pakistan (BESPAK). The prime objective of this seminar was to educate engineers about the future scope of broadcast engineering and the aim was well attained by the Speakers: Mr. Shiraz Adil, Mr. Bilal Hassan and Mr. Imran Anwar, professionals from GEO TV and founders of BESPAK. The seminar was inaugurated by the VC, Engr. Abul Kalam who appreciated the idea of holding this seminar on such a contemporary issue. IEEE - NED and "WIE - Women in Engineering" (student branch affinity group) in collaboration organized a number of other activities which are included in the WIE news update.

# IEEE - WOMEN IN ENGINEERING (WIE)

IEEE- WIE NEDUET Chapter completed their two years a la mode, and carved a niche which is a rare occurrence with entities of such nature. The WIE NEDUET's team proved once and for all that this ever increasing female engineering community is determined to make it big in their professional careers owing to their equally competitive technical knowledge and skills as those of their male counter-parts. This was clearly evident through a series of events that they conducted this year. "Two-days Robotic Workshop" on 24 & 25 march was well attended by 103 students who were updated on the robot designing and automation by Mr. Jamshid Dastur, a genius himself in the fields of Robotics. "Multi Speaker FPGA Video conferencing Seminar" was held on 13 May through which Mr. Zeeshan Zia, a PhD scholar, joined us live from Germany and presented his ideas to an audience comprising Prof. Dr. Talat Altaf as the Chief Guest, accompanied by 25 other faculty members and about 150 students. Seminar on "How to Shine in Your Career" by Mr. Misbahuddin (R.F management N.S.N) was the next event which elevated the spirits of students by sharing tips on how to manage one's career during the period of economic recession and to use one's strengths to excel in the professions. "Mentoring Session for WIE members & Ex-Com" was held on 12 July which tackled the concept of excellence throughout.

## METALLURGICAL ENGINEERING SOCIETY (MES)

Leading universities and institutes were brought to compete with one another and to establish their skills in photography, video making, painting, sketching and calligraphy on 11 Aug. This event was inaugurated by Prof. Dr. M. Tufail, Dean CPE, who later with the organizers and other guests visited the art gallery where contributions from more than 15 universities of Pakistan were displayed.



## ASME - NED STUDENT CHAPTER

On 8th Feb. "Oral Guard Presentation Contest" was organized by ASME NED Student Chapter. Twenty three students presented on a variety of topics like plasma gasification, gyroscope, wind turbine, smart materials, tidal waves, homogeneous compression charge ignition engines. The criteria set for evaluating students were: vocal characteristics and pronunciation, body language, confidence, audience-control, content selection and delivery, response during the Q/Answer session. The judgment was done by Mr. Fahad Iqbal Zahedi & Mr. Umair Mughal. On the same day, a "PRO-E designing Contest" was held where the students were evaluated for their technical skills and command of software by Mr. Waseem (Project Coordinator Mechanical Engineering Department). The chief guest, Prof. Dr. M. Tufail, Dean of Chemical & Process Engineering awarded the prizes to the winners and the organizing committee.



## SPE NED STUDENT CHAPTER ACHIEVES GOLD STATUS

SPE NED Student Chapter (SNSC) has achieved the Gold Status by securing 80+ marks out of 100 in evaluation of our activities by the SPE International. This exceptional performance was a result of excellent team work, honest and able leadership and sincere guidance from Engr. Javed Haneef, "Without whom this would have been impossible" accredited the President SNSC, Sumair Ahmed (BE PE). SPE NED Students Chapter is now just a step away from the Outstanding Chapter Award.



## SOCIETY OF MANUFACTURING ENGG. - SME

SME can be rightfully credited for keeping an air buzzing with activities all over the campus. On March 17, Deptt. teams came face to face during Battle of Minds to compete in General Knowledge, Vocabulary and Science quiz. Next, we witnessed the sky shimmering with aluminum aircrafts on April 20 at the Aluminum Foil Airplane Contest in which 60 teams (a total of 180 members) from 10 different Deptts. participated in the Hybrid and Pure Can categories. At the Speed Design Competition, SME provided a platform to the students to test their skills in designing a project in three categories during this competition Auto CAD ( For S.E ), Solid Edge (For T.E), Pro-E (For B.E). On April 17 a seminar on "Design Process through CAD" was conducted by Mr. Zeeshan Ali (Design Engr. and Industrial Professional in Oil and Gas) who emphasized on the importance of CAD as an important industrial art having innumerable industrial applications.



# ACTIVITIES AT THE BIO & MEDICAL ENGINEERING DEPTTS - LEJ CAMPUS- NEDUET



Realizing the importance of Software technologies ASME NEDUET Bio-Medical division organized a Workshop on LABVIEW (Laboratory Virtual Instrumentation Engineering Workbench) on Feb. 11. The resource person was a visiting professor from Qatar University, Dr. Uvais Ahmed Qidwai, who elaborated the topic to an audience comprising students and faculty. A Seminar unfolding "Study Abroad Opportunities" was organized for the third, fourth and fifth year students by Mr. Umair Bin Waheed, a former NED graduate from Electronics Dept., who is currently doing Masters abroad provided the students with organized information regarding the procedure of applying for higher education and funding programmes abroad. ASME Bio-Medical Division of NEDUET Students' Chapter organized "Technical Presentation Competition." Students from both depts. and all five years participated in the event. Dr. Ali Raza Jafri and Dr. Musfira judged the students performance. Ms Sumera secured first position and later represented NED in SLS-2010 organized by NUST Lahore. These were a few of the activities that happened at LEJ Campus indicative of the fact that the professional and co curricular activities at this city campus are equally rich and interesting as those of the main campus. The students of LEJ Campus are indeed grateful to the co-operation & guidance of their chairperson Ms. Neelofar Master who is actively keeping the students and the campus active.

## UPDATES FROM THE SPORTS SECTION

NEDIANS have established themselves in the sports arena too. The cricket, football, squash, tennis, basket ball, hockey, table tennis, chess, swimming, water polo, athletics teams and players of NED have enthusiastically participated in both boys and girls competitions organized by the HEC. Interdepartmental sports competitions, invitation matches with other university teams kept our players active and the spectators engrossed throughout the year. Mr. Tariq Gujjar, Manager Sports and Mr. Sohail Fazil Usmani, CSA, ensure that the interested students are provided training under experienced instructors and coaches, and that the available sports facilities are utilized fully. The university has an impressive set up of sports facilities, both indoor and outdoor, which were further expanded this year with the establishment of a new Boys' fitness centre and a separate Girls' gymnasium with state of the art physical fitness equipment, modern squash court, Cricket Ground with Pavilion, Tennis Court and Basketball Court.

NED University Cricket Team created history this year when they participated in the International Inter- Varsity Cricket Tournament where universities from six other countries participated viz. South Africa, Australia, Singapore, India, Sri Lanka, Bangladesh. In the opening "Group A" match held at the UKM Oval Cricket ground, our team defeated Christ University of India by 67 runs. The amazing victory was a result of splendid half centuries turned in by Raihan Hakim (captain) and Irfan Khan Lodhi and superb bowling spell from Jibran Shahzad who received Man of the Match for taking 5 wickets for 35 runs in 8 overs. Similar performances in other matches enabled the team to reach the semi- finals. Our Cricket Team's first ever international participation enhanced the motivation of our players and introduced a new level competition in all other sports too.

## MEDIA ACCESSION & REINFORCEMENT CONVENTION - IMARC

IMARC – a three day (14th-16th May) event which inspired the youth to utilize media outlets to promote the culture and image of Pakistan. There were a total of fourteen teams each consisting of twelve participants and a cluster facilitator who was responsible for briefing and supervising the team's activities. Activities included debating against the media, coming up with the concept of a TV show, advertising local products and a treasure hunt. Team 14 was declared the winner for scoring the maximum points, it consisted of 3 students from NED Maryam Jafri (BE-TE), Usama Aftab (TE-BE) and Muhammad Ali Khatri (SE-IM) and others from IBA.



## NEDIANS TECHNICAL PROWESS ESTABLISHED ONCE AGAIN

NEDIANS representing different Deptts. participated in the All Pakistan Programming, Engineering and Business Competition held at FAST-NU Karachi Campus on 1st & 2nd May 2010. The NEDIANS showed an exceptional performance by winning 1st position in Hardware Competition, 2nd Position in Circuit Design Competition, 2nd position in Short Movie and Animation Competition, & 2nd position in Programming Competition. Well it truly reflects - the legend leads and the rest keep following.

## NEDIAN WINS FIRST PRIZE AT THE ANNUAL TECHNICAL CONFERENCE

A team comprising two bright students of Petroleum Deptt. Participated in the Annual Technical Conference, held in Islamabad. Batool Arhamna Haider (SE) won 1st prize for her 25 minute long impressive presentation "Intelligent Autonomous Fields." M. Ahsan Asad (SE) also delivered a good presentation on the topic 'Health, Safety and Environment.' Dr. Abid Murtaza, Chairman of Petroleum Deptt. accompanied the two students and provided them valuable technical advice during the event.

## NEDUET RACES AT F-1 CIRCUIT, SEPANG - MALAYSIA

SEVEN brilliant teams from NEDUET represented their nation and institution at the F-1 racing circuit in Sepang, Malaysia in a 25 year old global event "Shell Eco Marathon". Shell Eco-marathon is an annual contest to drive the longest possible distance on the least amount of fuel in a self-fabricated car. Participants can design vehicles for the 'Prototype' or the 'Urban Concept' category. The Seven teams (comprising students from different deptts.) that represented NED were: WINMARK, TEAM PAK, GHAZI, THRILL SEEKERS, PARAGON, ALLIANCE and AUTO ROCKERS. The four day event comprised series of activities including Registration, briefing on the event rules, preparation of cars, safety test and finally the on-track drive. Every team was allowed to make 5 attempts consisting of 4 laps each. The teams were assisted by their chaperons Mr. Shahrukh, Mr. Majeed and Ms. Amber Afshan. The cars and their owners were well received and appreciated by the organizers as well as others present during the event. The efforts of the students, while developing their prototypes and managing the needed resources to reach to this event, will surely be a beacon of light to many of their present colleagues and future students of NEDUET.

