



March 2011

NEDEA NEWSLETTER

2011 NEDEA BOARD OF DIRECTORS

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CHAIRMAN'S MESSAGE



The March issue of NEDEA Newsletter marks our third issue. We know that to improve the communication, newsletter plays a very vital role. Based on your feedback, we are excited that we are on the right track. Also, we have received a few constructive comments and suggestions that helped us improving our newsletter.

All the new Board members are busy working in their areas of responsibility. Shahid is in the final stage finalizing the potential speakers for April 17 professional seminar. Naeem had made the reservation at the Herrick Lake for July 23 to organize our Annual picnic. Bilal takeovers the NEDEA account and his name has been added to our bank account. Anees is in the process of putting together a summary of his recommendation to the Board for the web developers.

Once again to our members/readers, please send us information that you would like to share with our membership.

Best wishes
Rashid Ahmed

NED UNIVERSITY NEWS

INSTALLATION OF SHAKE TABLE FACILITY (EARTHQUAKE ENGINEERING)



The Seismic Table has a linear hydraulic actuator with a fatigue rating of 110 kip (500 kN). The actuator is attached to a 3 M x 3 M table which is guided by linear bearings. The stroke capability of the unit is ± 300 mm (± 12 inch) with a nominal peak velocity of 1 meter/sec (40 inches/sec) and average velocity of $\frac{1}{2}$ meter/sec (20 in/sec). The linear guide bearing are sized to test a 20 MT payload with a CG 3 M off the table surface, with 60MT-M over turning moment at one g. The entire table assembly is attached to the mass via the post tensioned steel plates on the mass top surface. The actuator is attached to the moving table via a coupling flexure which is guided by linear bearings.

The Seismic Table Assembly is attached to a reaction mass in order to develop full force performance. A mass to maximum load ratio is 20:1.

The systems include control software which all standard features. The System has four (4), 32 bit input A/D channels with 16 bit programmable attenuators, one, 64-bit output D/A channel with 16-bit D/A, one, high speed signal processing module, classical shock vibration and a 2.93 GHz PC based computer. Hydraulic Linear Actuator, 500 kN (110 kip), is a double ended fatigue rated, with hydrostatic and replaceable non-metallic back up bearings, one-piece 133.4 mm (5.25 inch) heat treated alloy piston rod, and internal, concentrically mounted LVDT. Hydrostatic bearing provide a low friction high side load bearing to assure low harmonic distortion during high velocity tests.



SHARE WITH US

Please send us the information that you would like to share with us. Examples are your vacation, wedding in your family, graduation of your children, job promotion, achievements, etc.



AUTHOR MAHMOOD AKHTER

Mahmood Akhter's paper titled "A HEALTHY DISRUPTION – DATA CENTER ASSESSMENT," recently published in the IEEE journal. In the fall of 2009, Mahmood wrote an article titled, *Back to School – Data Center Assessments*. Since then, he had the opportunity to assess over a dozen data centers within the US and Canada. Most of these data centers were built within the last decade. Although these facilities were designed under identical client provided specifications, they have strikingly varying results in performance. As such, this is an opportunity that can result from non-compliance of code and best practices, costs that can be incurred from system downtime, excess expenditures, and irreparable damage to brand equity.

Congratulations and thanks to Mahmood for publishing the article and keeping the name of NED in front of our industry.



Nizam and Rashid

27th DUPAGE ENGINEERS WEEK EXPO

Two of our members, Khawaja Nizamuddin and Rashid Ahmed, were present at the 27th DuPage Engineers Week Expo held on February 26, 2011, at the Illinois Institute of Technology, Wheaton. The event was very successful and attended by a large group of people.

Many organizations have booth at the expo, such as:

- Illinois Society of Professional Engineers
- Tellabs
- American Institute of Chemical Engineers
- American Society of Civil Engineers
- American Society of Mechanical Engineers
- American Society for Nondestructive Testing
- IEEE
- Society of Automotive Engineers
- Society of Fire Protection Engineers
- Society of Manufacturing Engineers
- Society of Women Engineers
- Structural Engineers Association of Illinois
- American Nuclear Society
- American Society of Agricultural and Biological Engineers
- Arab American Association of Engineers and Architects
- Institute of Industrial Engineers
- Optical Society of Chicago
- American Chemical Society
- American Society of Heating, Refrigeration and Air Conditioning Engineers

5 MINUTES WITH ANIS PAYA



Q. Tell us about yourself and your family.

A. Born and raised in Karachi, Pakistan, second eldest of 11 siblings, third position in matric, received Dawood Foundation scholarship during intermediate at Adamjee Science College (my friends called it Adamjee School), entered NED at old campus, among the first batch to receive degree from NED University. Left Karachi with my wife Vasia (graduate of DOW) in Aug 1980, just after one week of our marriage....for a long journey to States, to achieve our goals of higher education. We have two wonderful and lovely kids, Salman 22, a graduate of U of I-Champaign and Sehar 18 at UIC-Chicago.

Q. Why Engineering?

A. I guess, interest in math, machines and technology, plus some best friends in school opted for it.

Q. Which year did you graduate and what was your major?

A.

- B.E. (Mechanical) – 1978
- M.S. (Mechanical) – 1982 Wayne State University, Detroit, Michigan
- M.S. (Engg Management) – 1992 Northwestern University, Evanston, IL

Q. Tell us about your professional life?

A.

- Worked at Philips, Karachi Shipyard and Kuwait National Petroleum from 1978-1980 before leaving for USA.
- Worked in construction industry since 1982 and proud to be part of several prestigious high-rise projects and hospitals in Chicago during my tenure at Climatemp and Bovis Lend lease as Senior Project Manager.
- Currently with Hyatt Hotels Corp, consulting as Engineering Manager in their International Technical Division in Chicago.

Q. If you had to choose another occupation, what would it be?

A. May be a free lance writer / reporter /photographer

Q. Who was your favorite teacher at NED?

A. Dr. Shams-ul-Haq

Q. Please recount some of your unforgettable memories while at NED?

A.

- The first steps into NED old campus
- The day we moved to new campus with joy
- The day we walked out within 5 minutes of a final exam at old campus (as no one could understand the questions and pass) and demanded a new exam paper to be prepared from the actual syllabus (yeah, the teacher revenged us for our behavior in the class throughout the year). The Principal quickly acted, established a team of teachers to prepare new exam paper, Dr. Jameel ran to Burns Road to make cyclo-style copies, light bulbs were replaced and exam started at 5pm. Everyone came out happy at 8pm. The “lucky” teacher of that subject did not show up that day!!
- And the nostalgic late night gup-shup with friends at the “chai khoka” at new campus (that was the only tea stall within few miles at that time), nightly group studies with 10-15 friends in hostel with loud music and the hustle-bustle during finals at the J-hostels.

Q. What are some of your proudest achievements in life?

A.

- Raising two nice kids with my wife, who worked very hard in this country to become a great Oncologist/Hematologist.
- Sponsoring entire family to immigrate to USA from both sides (40 plus),
- Holding the best ever NED convention 2010 in Chicago with the help of a dedicated Steering Committee and NEDEA
- Help local masjid board to develop the plans for construction of a Masjid/Sunday School/Gym in Burr Ridge.

Q. What do you like best about NEDEA?

A. It is a place to rekindle old memories with NEDians, a social platform for our families and it gave me the opportunity to meet talented NEDians during my tenure as Chairman of NEDEA, Chairman of Convention Steering Committee and as member of Advisory Council.

Q. What do you like to do in your spare time?

A. Meet family and friends, read books – my favorites were....Freedom at Midnight, Iacocca Autobiography, Interview with History, Kite Runner, Three Cups of Tea, Shahab Nama and of course...Ibne Insha, Fez, Iqbal, Ghalib, Ahmed Faraz, Nasir Kazmi. Travel is my biggest passion and if there is nothing else to do, just be happy.

Q. Describe your perfect day?

A. Make a nice Omelets and French bread breakfast on a Saturday morning for my wife and kids, then take care of errands, have a relaxing late lunch, then go out to have good times with family or friends or prepare for a big party at home. Another perfect day is... when we are on vacation in Mediterranean, or Europe or more perfect, when we are in the Haram Sahreef in Mecca-Medinah with kids.

Q. What is something about you that might surprise most people?

A. I almost abandoned NED in the beginning of final year, after the sudden death of my father. Seems like the world had ended for me with huge responsibility of a large family, did not see campus for more than 2 months. Allah gave the courage through the moral support from good friends and family.

Q. Favorite food

A. Chicken Bryani

Q. What is your favorite word?

A. Sadaqa-e-Jariya

Q. What is your least favorite word?

A. Proud

Q. What advice can you give to our readers?

A. Be consistent in what you do and success will meet you, never give up on your goals in life. You will get the greatest satisfaction in your heart, when you bring happiness in the lives of others. Participate in NEDEA activities, support our board members and love NED which brought good things in our lives.

"Do not look to the ground for your next step; greatness lies with those who look to the horizon."

NEDEA BOARD OF DIRECTORS MEETING MINUTES #3

DATE OF MEETING: January 30, 2011
DATE OF ISSUANCE: February 18, 2011
LOCATION OF MEETING: Islamic Foundation, Villa Park
MINUTES BY: Rashid Ahmed

PARTICIPANTS:

NAME	TITLE	PHONE	E-MAIL
Rashid Ahmed	Chairman	847-710-4389	rashid_ahmed1983@yahoo.com
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1. Call to order

- a. The meeting was called to order at 10:45 am by Rashid Ahmed. This was a combined meeting between the new and the old Board.

2. Approval of Meeting Minutes #1

- a. Minutes of the meeting #2 reviewed. A motion to accept the minutes was made by Naeem, seconded by Shahid and the motion passed.

3. Updates from Previous Board

- a. Bank account will be transfer to new Board. It was decided that Bilal and Rashid signature will be added to the account, whereas Haroon signature will be removed.
- b. The Yahoo group is maintained by Asim Zuberi. Domain needs to be updated every year. The next due date is in July and the annual fee is \$32.
- c. Website Hosting due date is in July, and the fee is between \$40 and \$50. Haroon recommended using a local web developer to maintain our site.
- d. Regarding online payment, every time there is an event, a new page needs to be set-up.
- e. Anees will discuss with Asim to transfer the control of yahoo group to the current Board.
- f. Haroon and Yousuf emphasized to have more emphasis on family program. Also, to increase the attendance in the professional seminar, try to issue the PDH.
- g. Haroon and Afzaal will take care of Tax filing for the year 2010, which needs to be filed by March 15, 2011. We are tax-exempt from the Federal government, but not from the State government.

4. Rekindle Members Interest in NEDEA

- a. Board members will complete calling to NEDEA members as follow:
 - Member # 1 to 22: Shahid Ali
 - Member # 23 to 44: Bilal Ahmad
 - Member #45 to 66: Anees Ahmad
 - Member # 67 to 88: Syed Naeemuddin
 - Member # 89 to 115: Rashid Ahmed

We will discuss the following items with our members:

1. Introduce our self
2. Verify members' street and email addresses
3. Kid's age, gender, and their interest
4. Invite to participate in our program

5. Professional Development

- a. The first professional seminar date is finalized as March 20, 2011. Naeem mentioned about a potential speaker to discuss about the "Executive Communication." Naeem has attended one of his workshops and was very impressed with the speaker. Naeem will find out about his availability and willingness.

- b. Shahid presented various topics for the seminar. Among all the topics it was decided that for the first seminar, we will find out the presenter from the following topics:

- Overview of Sustainability Design by USGBC
- Executive Communication
- Market yourself in tough economy - Job Placement

6. Social Affairs

- a. Following dates were proposed for the events:

- Picnic: 1st preference: July 23, 2nd preference: July 9, 3rd preference June 25
- Iftar: 1st preference August 13, 2nd preference August 14, 3rd preference August 21

7. Other Items:

- a. Bilal mentioned that PMI is organizing a dinner at Chevy Chase in Glenview. The cost is \$35. Bilal recommended Board members to attend the dinner meeting. Board will discuss this in the next meeting.

8. Next Meeting

- a. The tentative date for the next meeting is Sunday, February 20, 2011.

9. Meeting Adjournment

- a. Meeting adjourned at 12:20 pm.

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NEDEA - CALENDAR OF EVENTS – 2011

Tentative Date	Description	Location	Time
Sunday 4/17/2011	Professional Seminar	Holiday Inn 17W350 22nd Street Oakbrook Terrace, IL 60181	10:30 am to 1:30 pm
Saturday 7/23/2011	Annual Picnic	Herrick Lake Forest Preserve Wheaton	1:00 pm to 5:00 pm
Saturday 8/13/2011	Iftar	TBD	7:00 pm – 9:30 pm
Saturday 9/10/2011	Cricket Game	TBD	11:00 am to 2:00 pm
Sunday 10/2/2011	Professional Seminar	TBD	10:30 am to 1:30 am
10/7/2011 to 10/9/2011	NED Alumni Convention	New York	All day event
Friday 11/11/2011	Annual Dinner	TBD	7:00 pm – 12:00 am