MARCH, 2024





A Message from the Chairman

Newsletters are a powerful way to stay connected and maintain strong ties with our alma mater and alumni all over the world. Since inception, the DFW NED Alumni group excelled in creating content on Facebook, our website, and Google Groups, special thanks to Amir Haque for leading these efforts. We now have the opportunity to produce consistent and streamlined communication for our organization which will ultimately allow us to align with our alma mater.

During election time, I recognized the proactive personality of Ruby Khan in her writings of her election campaign. I strongly felt that she would be the right candidate for the position of Director of Public Relations and Outreach. In our first board meeting, I challenged her with this task of producing quarterly Newsletters, which she accepted with a smile.

Fast forward to the end of the first quarter, she assembled a committee and together, they produced this newsletter within six weeks as the board had a short first quarter. I would also like to thank all those who helped her bring the newsletter to fruition, specifically Syed Wajahat Hayat and Zulfi Ahmed.

Please enjoy the newsletter and I welcome any feedback and creative ideas that can bring our community together and stay connected to our beloved alma mater in our future publications.

Lastly, with Eid right around the corner, during these auspicious last Ashra of Ramadan, my warmest heartfelt wishes for all our friends for a blessed and joyful Eid. May this special day fill your life with love, success, and abundant happiness! Ameen.

Best Regards, Javaid Iqbal President - DFW NED Alumni Board

NED Alumni current Board of Directors



Ikhlas Ahmed



Azra Nasir



Wajahat Hayat



Hanif Akhawala



Mir Hadi Ali



Ruby Khan

Advisory Board Committee



Zulfi Ahemd



Erum Rahaman



Amir Haque

We welcome our new memebers!

New Members!

- Umme Hina Faiz
- Faizan Mustafa
- Syed Baligh



MARCH, 2024



NED DFW BOD organized a Pickleball tournament in Feburary, 2024









The NED Board of Directors (BOD) organized a thrilling pickleball tournament in Lewisville, TX, which ignited a wave of excitement among our Nedians. The tournament witnessed enthusiastic participation, reflecting the strong bond within our NED alumni community. The NED BOD is dedicated to creating more of these opportunities in the future for our NED alumni family. The tournament served as an excellent platform for networking and connecting with fellow NED individuals and fostering meaningful interactions. It was a memorable event that brought our NED community closer together.

First Board of Directors Meeting, Jan 2024



After the election results, a kick-off meeting was organized for the recently elected Board Members.

Upcoming Events

| QUARTER | EVENT | DATE |
|---------|--|--------|
| SECOND | BOD&AC Meet with Scholarship Recipients at UTD | 21-Apr |
| | Eid Party | 4-May |
| | Professional Development Event #I | TBD |
| | Sports Event #2 | TBD |
| THIRD | High Tea Event with Hassan Sardar | June |
| | Professional Development Event #2 | TBD |
| | Sports Event #3 | TBD |
| FOURTH | Annual Picnic | TBD |
| | Professional Development Event #3 | TBD |
| | Sports Event #4 | TBD |
| | 10-Year Convention | TBD |

Brunch at Crystal Banquet, Plano, TX





NED Alumni DFW Board of Directors and the election commission hosted a brunch for its members in Jan, 2024 at Crystal Banquet

March, 2024



A Warm Message to Our Esteemed Alumni in Dallas



Dear Dallas Alumni,

I hope this message finds you well and thriving in your endeavors. As the Vice Chancellor of NEDUET, it brings me immense joy to reach out to our cherished alumni community in Dallas. Our university takes pride not only in the academic excellence it imparts but also in the enduring connections we foster with our graduates. You, our esteemed alumni in Dallas, represent the embodiment of our institution's values, achievements, and aspirations out in the world.

Your successes, both personal and professional, serve as beacons of inspiration for current students and future generations. Your dedication, resilience, and passion reflect the values instilled in you during your time at NEDUET, and I am continually humbled by the impact you make in your respective fields and communities.

It gives me great pleasure to share some recent developments and achievements from your alma mater:

• Academic Excellence:

We're thrilled to announce the introduction of new academic initiatives aimed at enriching our students' learning experiences. Our university has forged ahead by introducing compulsory language courses in Chinese and Turkish, reflecting our commitment to global perspectives and cultural diversity. Additionally, we've integrated Community Service courses, fostering a sense of social responsibility among our students.

• New Academic Programs:

In the pursuit of academic innovation, we have expanded our degree offerings, launching new programs such as Bachelor of Science and Bachelor of Civil Engineering at the Thar Institute of Engineering, Science, and Technology (TIEST), our esteemed constituent college.

• International Recognition:

NEDUET continues to shine on the global stage, consistently ranked among the top 400 universities in Asia by QS Ranking and among the top 200 universities worldwide by Times Higher Education World Impact Rankings. These accolades are a testament to our unwavering commitment to excellence in education and research.

Investment in Research and Scholarships:

We've witnessed a remarkable increase in research projects, funding, and publications, reflecting our dedication to advancing knowledge and innovation. Moreover, our commitment to supporting students' academic pursuits is evident in the significant rise in scholarships awarded and university investments, ensuring that financial barriers do not hinder educational opportunities.

· Sustainability Initiatives:

NEDUET is proud to contribute to environmental conservation efforts through our Carbon Neutrality initiative and extensive plantation drives. Our commitment to sustainability is further underscored by initiatives like Healthy Fridays and our COVID-19 database and mapping project, demonstrating our dedication to public health and community well-being.

All this would not have been possible without the support of our alumni, and as valued members of our university community, your ongoing support and contributions are vital to the continued success and growth of our alma mater. Your involvement can take many forms, from volunteering your time and expertise to participating in alumni events and reunions. Additionally, your financial contributions play a crucial role in funding scholarships, supporting research initiatives, and enhancing campus facilities.

In times of uncertainty and change, the strength of our alumni network becomes even more apparent. Your support, whether through mentorship, philanthropy, or simply by being ambassadors of our university, plays a pivotal role in shaping the future of NEDUET

I invite you to stay connected with us, and continue to be an integral part of the NED family. Together, we can uphold the legacy of excellence and make a meaningful difference in the world.

I look forward to the opportunity to reconnect with you in person at future alumni events and celebrations.

Sarosh Lodhi, VC of the NED University & Technology

MARCH, 2024





BS Civil
Engineering,
Certified in Project
management
(PMP), Project
manager
Certification
program (PMCP),
Certified Lean six
sigma Black Belt,
Certified Scrum
Master, UST
License State TX

Meet Afzaal Hafeez, a key member of the founding team of DFW NED Alumni

What inspired you to pursue your current career or profession?

I am inspired by the joy of problem-solving and my love for technology and science. The mentors from LinkedIn have taught me how to inspire and learn from influential people. They nurture our growth by providing guidance, support, and wisdom from their own experiences. Their insights empower us to overcome obstacles, learn from failures, and keep evolving. With their guidance, we gain the confidence to explore new paths, take risks, and unlock our true potential.

What are the biggest challenges you have faced in your industry?

The civil engineering industry faces challenges such as economic recession, aging infrastructure, limited funding, and a lack of workforce diversity. Climate change and natural disasters require engineers to design resilient structures. Incorporating advancing technologies while ensuring safety and ethics is also a challenge.

Can you share any tips or advice for someone just starting out in your field?

For success in engineering, focus on building a strong foundation of technical skills through courses and professional development. A degree alone is insufficient. Prioritize skill development and continuously hone your abilities to become proficient in the field

1. Build a strong foundation of technical skills through courses and skill development. 2. Seek mentorship and guidance from experienced professionals. 3. Embrace learning opportunities to stay updated with evolving technologies. 4. Develop effective communication skills to convey complex concepts. 5. Be open to collaboration and diverse perspectives. 6. Prioritize ethical and sustainable practices in your work..

Any advice for Women in engineering?

For women in engineering and related professions, my advice is to believe in yourself, build a support network of colleagues and mentors, stand up for yourself, embrace your unique perspective, find a work-life balance that suits you, and advocate for diversity and inclusion in the industry.

What do you miss most about NED:

Walking around campus and networking with our PSF party and events, I missed learning in a fast-paced environment with like-minded people, as well as making connections that would last a lifetime after graduating.



B.S Electrical
Engineering, MS.
Computer Science
Kaniz held leadership
roles at Nortel, Ciena,
Huawei, Ericsson, and
VMware. She amassed
patents, published
papers, and served on
industry boards.
Recently, she shaped
Deutsche Telekom's
Global Connectivity
vision.

Meet Kaniz Mahdi, one of the shining stars of NED University

What inspired you to pursue your current career or profession?

I grew up in a culture where men were the sole breadwinners and girls were educated just enough to raise their kids well. Fast forward to the time I graduated in Electrical Engineering, ranking third in a class of couple hundred, of which only eleven were girls ... a small but significant progress from the time my mother was home schooled despite her father being one of the top supreme court lawyers. And this was just the beginning of my learning journey, which continues to this date. A quest to learn how people communicate with people, with things, and the ultimate supreme, inspired me to take a deeper dive in Telecommunications, and it's this maniacal focus on learning comms that has guided every step of my career, from learning the ropes as a software designer, to inventing modern telephony with Voice over LTE (4G), to shaping the future of satellite communications (my most recent focus).

What are some of the biggest challenges you've faced in your industry?

Invention of VoLTE turned out to be the most complex problem I have ever solved, to this date. The problem was complex, not because of the functional needs it served, but because of an inherent weakness in mobile systems design: QOS & Security bolted on best effort, public internet. This is where my career shifted from following the norm, to everything but. It's here that I took on the challenge to change the way telecommunications systems are designed and operated. And this transformation continues to date with small wins every step of the way, from ubiquitous 4G, to cloud native 5G, to AI native 6G (in the making).

Can you share any tips or advice for someone just starting out in your field?

Learn, endure and execute every step of your way. Never accept anything at face value, and never give up on the pursuit of making things right, even if it means giving up on some of your short term pursuits.

Any advice for Women in engineering?

Don't be shy voicing an opinion that's outside the norm – it's your conviction that attracts partners, and makes your voice stronger, not the similarity of opinions.

What do you miss most about NED?

My friends.

MARCH, 2024





BS Computer Science
Erum is an accomplished
professional with diverse
experience in engineering,
architecture, CTO,
product, and
management roles. She
has delivered critical
products for renowned
companies in defense,
telecommunications, and
finance sectors, while
actively promoting
women leadership.

Erum Manzoor, a true inspiration for the women in the Leadership Role

What inspired you to pursue your current career or profession?

I was fascinated with the Aerospace engineering from a very early age. Reading about fighter planes and how they are made, most importantly their design. Problem solving was my passion and computer engineering sort of fit right in.

What are some of the biggest challenges you've faced in your industry?

There is a prevalent notion that women in STEM are not as proficient or daring. This perception contributes to the challenge of attaining executive management positions, as the statistics reflect. In the competitive field of engineering, constant technological advancements necessitate staying current with the latest trends and understanding their impact on businesses and society. Additionally, personal experiences, like starting on an H4 visa due to family preferences, can bring about uncertainty in the early stages. Overcoming these obstacles requires challenging stereotypes, promoting inclusivity, and investing in continuous learning and personal growth.

Can you share any tips or advice for someone just starting out in your field?

Very simple and yet effective. Continue to focus on learning and applied aspect of technology. Always keep your focus on how something that you are learning can be applied for a product, a use case. Your ability to apply your knowledge will go a long way. Stay curious and keep building the knowledge space for yourself.

Any advice for Women in engineering?

Go easy on yourself, at times we are our own biggest critique. Speak up, network and ask for what you deserve. Open to taking new challenges and opportunities.

What is one lesson you've learned recently that has had a significant impact on you?

Juggling work and family life in this "always on" world feels like a constant game of catch-up! I can't be at every dance practice and school event while attending every work meeting. I'm learning to ask for help when I need it at home, and delegate effectively at work.

What do you miss the most about NED University?

As I reminisce about my university experience, there are several things I miss dearly. I miss the vibrant campus atmosphere and the sense of community among enthusiastic peers and dedicated professors. Also, I take pride in the achievement of completing my engineering degree in the most sought-after field, which serves as a reminder of my capabilities and fuels my motivation for success in the competitive world.

Anzar Hassan, an experienced subject matter expert in the field of A.I

B.S in Electronics Engineering Worked at fortune 50 companies including Verizon, Deloitte & Touche, CVS Caremark and many more. Currently working at Wells Fargo Bank as VP - Strategy, Digital and Innovation.

What inspired you to pursue your current career or profession?

I have always had a desire to work within large organizations, aspiring to gain invaluable global exposure. Therefore, following my professional tenure in Pakistan, I seized the opportunity to pursue work abroad.

What are some of the biggest challenges you've faced in your industry?

In the finance and banking industry, I have encountered several significant challenges, including regulatory compliance, cybersecurity risks, and the imperative of digital transformation.

Can you share any tips or advice for someone just starting out in your field?

Here are some tips and advice to help you navigate your early career:

Understand the Basics, Continuous Learning, Networking, Attention to Detail, Develop Analytical Skills, Communication Skills, Embrace Technology, Ethical Conduct, Seek Feedback, Stay Flexible and Adaptable. By following these tips and advice, you can lay a strong foundation for a successful career in banking and finance. Remember to stay focused, remain proactive, and never stop learning and growing in your profession.

Any advice for Women in engineering?

Build a Strong Support Network, Believe in Yourself, Embrace Challenges, Seek Out Role Models:

What is one lesson you've learned recently that has had a significant impact on you?

I continuously update my skill sets and knowledge in line with industry demands.

What do you miss the most about NED University?

I craved for the structured learning environment characterized by classrooms, libraries, and study groups, where engaging discussions with classmates about our prospects.

MARCH, 2024



The DFW BOD & AC TEAM has established a scholarship opportunity specifically for students at NED.



The Ashraf Habibullah N.E.D. Scholarship/Fellowship is a remarkable achievement for the NEDEAN - NED Alumni of Texas, showcasing their commitment to creating opportunities for aspiring students. In 2017-2018, their first scholarship at the University of Texas at Dallas (UTD) set the foundation for a transformative program. Determined to make a lasting impact, they established an endowment fund through dedicated efforts and raised over \$100,000 at their annual dinner in July 2018. The presence of Ashraf Habibullah, matching the funds raised by NEDEAN members, added greatness to the occasion. Inspired by this support, the Board of Directors named the scholarship after him. The Ashraf Habibullah N.E.D. Scholarship/Fellowship stands as a testament to the vision, passion, and generosity of these trailblazers.

| Last Name | First Name | Degree Program | Aid Yr |
|-----------|--------------------------------|---------------------------------------|-----------|
| Khan | Hira | Information Technology Systems | 2020-2021 |
| Karani | Sarah Noorali | Supply Chain Management 202 | |
| Mohiuddin | Mohammad Imad Sharfuddin Ahmed | Energy Management 2020 | |
| Shafquat | Wasta | Mechanical Engineering | 2020-2021 |
| Hussain | Fiza | Healthcare Studies | 2021-2022 |
| Tariq | Zaid Bin | Electrical Engineering | 2021-2022 |
| Iqbal | Raahim | Accounting | 2021-2022 |
| Shafquat | Wasta Fatima | Mechanical Engineering 2021-20 | |
| Khalid | Bakht Nasr | Computer Engineering 2022-20 | |
| Kholia | Abdul Samad | Nanoscience and Nanotechnology 2023-2 | |
| Khalid | Bakht Nasr (Kei) | Computer Engineering 2023- | |
| Bukhari | Abdul Hameed | Biology 2023-202 | |
| Premani | Sahra Nizar | Statistics 2023-2024 | |

NED University's research, innovation & commericalization achived score of 81 out of 100, making it among top 4 of the HEC ORIC in the country.

| 40 | NED University of Engineering and Technology, Karachi | Category | w |
|----|---|----------------|------|
| | | Score Obtained | 81 |
| A. | Human Resource and Operations | 9 | 90% |
| В. | Research Excellence | 39.5 | 88% |
| C. | Innovation and Commercialization | 17.5 | 58% |
| D. | Sustainability and Capacity Building | 15 | 100% |

Observatory Dome Installed at NED University



The installation of the indigenously designed 13 feet diameter observatory dome was completed recently at the Department of Computer and Information System Engineering, NED University of Engineering and Technology.

This milestone, achieved by the astrophysics wing of the **National Center of Big Data and Cloud Computing** at NED University of Engineering and Technology under the leadership of Muhammad Ali Ismail, PhD marks a significant leap in NED's pursuit of astronomical exploration. Congratulations to the whole Astrophysics team at NED.

The observatory will be a proud home for **14-inch Schmidt Cassegrain telescope**, offering both on-site and online astronomical viewing experiences via NED's digital channels.