



THE NED EXPERIENCE 2025

5th Volume



Published by

University Advancement
& Financial Assistance

NED University of Engineering
& Technology, Karachi

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**University Advancement and Financial Assistance (UAFA)
NED University of Engineering and Technology**

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Disclaimer

The contents in this magazine reflect the views expressed by the NED University Alumni. These contents are acquired through filling out the template developed by UA&FA for the convenience of alumni to send their write-ups, informal interviews with the UA&FA staff and volunteers, and texts sent through electronic and verbal means. The purpose of publishing these contents is to recapture the observations of our esteemed alumni, their memories during campus life and careers thereon, and any other views they wish to express. The thoughts, stated facts, information, and experiences shared by the contributors are their own views, which do not represent the official opinions of the university. The contents obtained and included in the publication are irrespective of any discrimination based on race, color, age, gender, marital status, or any other basis.

The alumni's messages, success stories, pictures and interviews are published solely for "The NED Experience" after their formal consent. The university does not take responsibility in case the contents are misused by anyone for any purpose.

Besides, some of the magazine's visual content is retrieved from different open-source digital archives, including websites, social media, and professional networks, which are accessible and shared by alumni themselves or independent institutes that have quoted it.

On behalf of the university, the UA&FA reserves the right to edit the contents for clarity of language, length of texts, and intent to avoid any remarks detrimental to any other individuals, groups, and/or institutions. The available source of information for the articles acquired and included is provided in the publication.





Acknowledgment

The magazine's editorial team is deeply indebted to the support and assistance received from several quarters. Thanks are due to the Vice Chancellor, Prof. Dr. Muhammad Tufail; Pro-Vice Chancellor, Prof. Dr. Noman Ahmed; Dean Faculty of Civil and Petroleum Engineering, Prof. Dr. Asad Ur Rehman Khan; Dean Faculty of Electrical & Computer Engineering, Prof. Dr. Saad Ahmed Qazi; Dean Faculty of Mechanical, and Manufacturing Engineering, Prof. Dr. Syed Amir Iqbal; Registrar, Syed Ghazanfar Hussain, Director Finance, Mr. Sajeeruddin; Controller of Examinations, Engr. Safi A. Zakai; Director Industrial Liaison, Dr. Ali Zulqarnain; Chief Librarian, Ms. Huma Sardar; Alumni Associations, Alumni and many other distinguished colleagues from the administration of the university for making this initiative possible.

We extend our profound gratitude to all the NED Colleagues and University alumni who earnestly responded to our requests to send their content for inclusion in this magazine. May we state that this volume contains content from a small cross-section of our alumni, which extends to a vast number. We intend to continue publishing sequels to this publication regularly in the times to come.

One of the purposes of publishing this magazine is to create a fund-raising vehicle for our various academic activities and seek support from private and public organizations. We look forward to benefiting from their generosity in the future as well.

We also take this opportunity to extend gratitude to our esteemed alumni who have celebrated centennial celebrations around the world and expressed their love for their alma mater. Our sincere hope and desire is that the young folks, who are privileged to obtain admission to this university, shall benefit from the wealth of experiences shared by their peers. We expect many of them to become part of the assorted galaxy of prominent mentions included in this volume.





The Team

The Team



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Messages

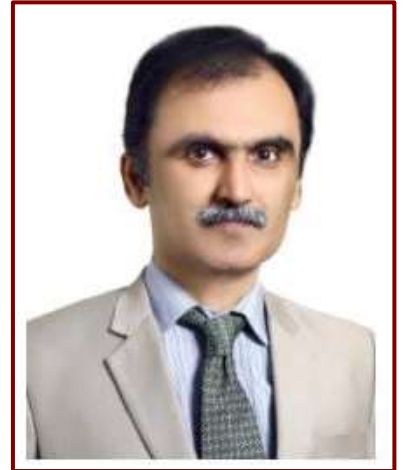
Messages





Prof. Dr. Muhammad Tufail Vice Chancellor

It gives me immense pleasure to write a message for “*The NED Experience 2025*”, a distinguished publication curated by UA&FA, celebrating the journeys and accomplishments of NED University alumni across the globe. This magazine stands as a tribute to over a century of dedication, learning, and resilience that have shaped our institution’s legacy. Reading through the narratives and life stories of our alumni in this issue has been a nostalgic experience, taking me back to the time when these cherished memories were being created. These stories reflect how NED has long served as a voice and platform for its students, many of whom are now making impactful contributions in various corners of the world.



What makes this edition particularly meaningful is the way it reconnects the university with its alumni, reviving the memories and milestones they achieved during their time here. Many of the contributors began their journey as young, passionate engineering students, often unaware of how profoundly their time at NED would shape their paths and prepare them for the challenges and opportunities that lay ahead. Their stories carry valuable lessons for our current students, some of whom may be uncertain about what the future holds after graduation. Life is never fully predictable, but the guidance found in the lived experiences and heartfelt reflections of our alumni can offer both reassurance and inspiration. Their stories illuminate the potential within each student and serve as a reminder that perseverance, curiosity, and a commitment to excellence can lead to extraordinary outcomes.

An institution’s true strength lies in how it nurtures curious minds and helps shape them into not only successful professionals but also responsible, empathetic human beings. The achievements showcased in this publication are a testament to that strength. They are not just personal triumphs, they are moments of pride for the entire NED community.

I congratulate the team behind *The NED Experience 2025* for bringing this meaningful initiative to life. May it continue to inspire generations of students and reinforce the bonds that unite our alumni with their alma mater.





Prof. Dr. Noman Ahmed **Pro-Vice Chancellor**

NED University has long stood as a beacon of academic excellence, progressive curricula, disciplined campus life, pioneering research, and the promotion of moral, civic, and cultural values.

Our university proudly boasts a distinguished group of alumni who are making remarkable contributions both nationally and globally not only in the realms of science and engineering, but also in justice, humanity, and uplifting the name of Pakistan and their Alma Mater. We take immense pride in the accomplishments of our alumni, who serve as our ambassadors across the world, inspiring future generations through their achievements and values.

This legacy of excellence continues to attract a growing number of aspiring students each year, eager to be part of an institution that transforms lives and builds futures.

Our alumni community, spread across every corner of the globe, remains deeply connected to NED. Their desire to reunite with peers, foster networks, relive memories, and give back to the University in meaningful ways is admirable and deeply appreciated. Their contributions to this magazine are a testament to that enduring bond.

First published in 2017, The NED Experience was initiated as a platform to reconnect alumni, share success stories, celebrations, and cherished memories. It fosters a sense of belonging and a commitment to the shared mission of advancing education. We are proud to present the fifth volume in this series, which continues to reflect the spirit and strength of our NED family.

I hold unwavering belief in the potential of our alumni men and women alike who are setting new benchmarks in their respective fields. Together, we can make a significant difference in the lives of many. We are all custodians of this great institution, entrusted with nurturing it for the generations to come. Let us prepare them to face the challenges of the future with resilience, wisdom, and compassion.

Never forget your roots. NED will always be your second home. You are always welcome here!





Dr. Muhammad Amir Qureshi **Director University Advancement and Financial Assistance**

By the grace of Almighty Allah, we are proud to announce the publication of the 5th volume of our alumni magazine, *"The NED Experience"*. This magazine serves as a bridge between the university and its cherished alumni, capturing inspiring success stories and heartfelt reflections from NEDians around the globe, regardless of their background or association.

Through formal invitations, we reach out to alumni and request them to share their journeys along with memorable photographs from their student days. We also feature alumni celebrations from across the world, with content provided by alumni associations. In addition, we make use of publicly available videos and transcribe relevant content to further enrich the magazine.



The primary goal of this publication is to support the university's growth in financial, infrastructural, and in-kind capacities. We are immensely grateful to those alumni who have generously contributed regardless of the size of the donation toward this noble cause. The university has established dedicated committees to ensure transparent and effective use of these contributions under various categories. Initiatives such as the Maa Jee Endowment Fund and the Technology Development Endowment Fund are already underway to make a lasting impact.

We deeply appreciate the enthusiastic participation of both individual alumni and alumni associations in supporting these efforts. We believe these initiatives will continue to grow exponentially in the years to come.

We also urge all alumni to register on NEDAN, our official alumni network, to stay updated on the university's developments. Alumni associations are encouraged to coordinate closely with us so that their efforts and contributions can be highlighted more effectively.

Lastly, we extend our heartfelt gratitude to all alumni and associations who responded to our invitation and made this publication possible. Your continued support is instrumental in shaping a brighter future for NED University.





Reflections

Reflections





Aftab Ahmed

Batch: 1981-82
Degree: B.E.
Discipline: Mechanical Engineering
Organization: National Industrial Development Center under the Ministry of Industry K.S.A. Riyadh, Saudi Arabia
Designation: Chief Advisor, Automotive



It just seems like yesterday when I entered the Mechanical Department of NED University after finishing intermediate from DJ Science College. My aspiration to become an Engineer came from my uncle (Mamoo) who has been graduate of NED Mechanical / Electrical and finished in 1962. Since childhood, I was inspired by his personality and success in the profession.

Joining NED was truly a dream come true. Some familiar faces from D.J. College and many new ones quickly became friends. I'll admit I wasn't always the most punctual student, but Alhamdulillah, I consistently maintained good grades. I believe university is not just about passing exams and earning a degree, it's also an institution that fosters growth in other essential areas, such as social skills, communication, and athletics, all of which play a vital role in one's future professional life.

First year always goes with a little anxiety, getting familiar with the process and making friends. I was lucky that I made friends very quickly. I contested the election for Class Representative in the first year of IJT and was the winner with the support of my colleagues. Although the environment at the university was not perfect, and a lot of colleagues were afraid of openly supporting me. I did my best to help/support students, and this bond with my batchmates continues after 40+ years. I was a very shy person when I entered the university that I could not even face a small gathering. This was the best time of my life, where I learned not only the theory but also how to manage the dynamics of politics in student life and what other factors are important for networking and making long-term friends, even if there are political differences among friends.

I contested the Class Representative (CR) election in 2nd year as well and won with the blessing of Allah and the support of colleagues. Friendship grew, and some of us started hanging out after university hours for lunch or dinner, and sometimes had gatherings at each other's houses. If I start listing the names of my best friends from university, I might unintentionally forget someone, and I wouldn't want anyone to feel left out. So, I won't mention any names, but my dearest friends know exactly who they are.

As mentioned, NED provided foundation blocks of my early upbringing and provided confidence to move in practical life with the tool box of success. Right after finishing my BE, I moved to Detroit, Michigan since my final year thesis was related to structural analysis utilizing Finite Element Analysis (FEA), which was my passion at that time and FEA was utilized heavily in auto industry and aerospace industry so I had a choice to either go to Michigan or west side (California / Washington) and I chose to go to Michigan for Master's in Mechanical Engineering in 1987. Finished my MS and luckily found a job at Ford Motor Company as a contract employee and then became a permanent employee after getting my green card in 2 years. I enjoyed my career at Ford Motor Company from 1989-93 but then got bored doing different kinds of analysis on the computer. I wanted to do something different and started applying for another job. Luckily, I got a job at General Motors as Sr. Product Engineer away from the computer world. I was assigned to the launches of vehicles at 3 different plant locations, and my task was to resolve





Reflections

engineering-related issues in the launch. This assignment was very important for learning the actual manufacturing side and how to react to issues in no time. Visibility was high, but with a lot of extra efforts. Then I was put on a Design Engineer task for the body of vehicles, which was also a good learning at GM. During 1992 and 1995, I completed my MBA from the University of Detroit Mercy.

I was assigned for my first international assignment through GM in 1998 to Brazil for 3 years as a Joint venture lead between North America, GM Brazil and Isuzu. That involved a lot of traveling but a very exciting assignment. Learning Portuguese in Brazil and witnessing Brazilian and Japanese Cultures and surviving successfully, the assignment was the turning point for my career, and I got a promotion as Manager. After the launch of the JV project, I moved to product finance in 2003 as a Manager in GM North America. In 2006, I moved to Japan as Finance Manager for another JV project and in 2007 moved to Brazil for the same project.

In 2008, I moved to Egypt as GM Egypt and North Africa, Director of Purchasing and Supply Chain. This assignment gave me another exposure to Procurement, Supply Chain, Logistics and Supplier Quality and also the dynamics of part of the executive committee of the GM Unit. In 2011, I moved back to the USA and got an assignment at GM Powertrain (another diversified position). In 2023, I moved to Thailand for a VP Purchasing and Supply Chain assignment responsible for two plants in Thailand, one plant in Indonesia and one in Vietnam, which was another exciting assignment. I moved back to GM Michigan in 2016 and assumed a special assignment of global risk mitigation. I retired from GM in 2018.

In 2019, I was invited to join the National Industrial Development Center under the Ministry of Industry as an Automotive Advisor. At that time, Saudi Arabia had no passenger vehicle manufacturing. My responsibility was to attract automotive OEMs and suppliers to establish a greenfield industry. Today, five years later, several automotive companies have announced their projects, with a projected total of approximately 380,000 locally manufactured or assembled vehicles by 2030–2032. This has been one of the most rewarding assignments of my career, involving policy development and negotiations with global companies to initiate operations in Saudi Arabia and drive localization.

All this success is due to the blessings of Allah, and Thanks to NED for providing me tools for success.

Nadeem Manzoor Hassan

Batch:	1980-81
Degree:	B.E.
Discipline:	Civil Engineering
Organization:	Habib Bank Limited
Designation:	Head of Property Development & Senior Vice President



The vibrant memories of our student days still resonate with us. We used to sit outside the Girls' Common Room, sharing countless moments. I still remember the class representative (CR) elections, within our circle of friends, a lucky draw was held, and my name was picked. The election campaign was executed vigorously. Our opponent's posters were pasted in the Girls' Common Room. But none of our posters were pasted there due to the unavailability





of female workers. We decided to paste the posters at least on the doors of the GCR, and several fellows were ready to perform that task. Again, after the lucky draw, three names were shortlisted. The execution of the task was only possible at night. We arrived at 12 o'clock with a few posters, barefoot instead of joggers. As we approached there to paste the poster, we found the door was unlocked and moved freely a little bit, and the lights were also found to be turned ON. With emotions and joy, our faces lit up. We assumed it was divine help, entered the room and quickly pasted the posters. As soon as the task was completed and we were about to leave the room, one of the short-listed guys expressed his desire to use the girls' restroom. He insisted too much and also expressed his desire that, as an engineer, he wanted to observe the girls' restroom. We proceeded outside and suddenly noticed three girls from the Final Year were coming towards the room along with the girls' proctor. Finding the door of the room open, they paused for a few moments but finally entered. We came to know later that they were staying there for the preparation of the viva voce that was the next day.

The rest of the story was told by our "that" friend. He said that as he was leaving the Restroom while engaging in tightening his waistband, he was very surprised to find three females standing before him. He suddenly rushed into the restroom again and held his pajamas from falling off. The girls got brave as they found him afraid and used foul language against him. They told him to come outside or else they would call the watchman. When he came outside, they used inappropriate words against him, wholeheartedly and then asked him to mention the purpose of accessing the GCR. When they came to know that the objective was to paste the poster, they laughed. As a punishment, they asked him to clean the restroom or to face physical punishment from them. He cleaned the washroom and came outside along with torn posters after half an hour. There was laughter inside the room.

We ran towards him and ridiculed him with curiosity. We asked him what had happened. To which he only replied that Male Restrooms and Female Restrooms are the same, and there is no need to observe the female Restroom separately.

(Engr. Nadeem Manzoor Hasan read one of the chapters from his book "خمار رفتہ" just before the end of the convention. The sense and meaning of his speech have been transcribed, rather than a word-for-word account.

The above reflections were quoted by the esteemed alumni on the occasion of the alumni convention on 27th April 2024, "NEDIAN Convention 2024-Tribute to Distinguished NEDIANS" in 2024 at NED University. The whole coverage of the event is placed at the YouTube channel of NED University of Engineering & Technology.

Mohannad Taha (from Jordan)

Batch:	1983-84
Discipline:	Civil Engineering
Degree:	B.E.
Past Organizations & Designations:	Al Forsan Real Estate – UAE (Sr. Manager; Properties & Facilities Management)



Dear NEDians, as a foreign student who traveled thousands of miles to Pakistan to study at NED, it was not an easy decision. However, due to the high reputation of this esteemed institution, I was encouraged by my relatives who had graduated from Pakistan in the 1960s and 1970s. Their experiences influenced my family's decision to send me there. The journey was long and challenging, but the beautiful memories continue to draw me back. Even after





all these years, I still cherish the good times and most importantly, the lasting friendships I formed at this great institute. I remain in touch with many of those friends, and being one of the engineers who studied and graduated from NED is something I will always be proud of.

We had a great teaching staff at that time, from whom we learned a lot, one of the pieces of advice I still remember was from Dr. Shah - (Structure design) used to say the good design engineer who makes the design safe with less steel (economical)....

Dr. Makhdoomi (Structure design), Dr. Fahim (Transportation), Dr. Samad (Soil Mechanics), Dr. Afaq (strength of materials), they were all great faculty members.

NED shaped us into good, creative, and confident engineers. In the Middle Eastern countries where I come from, NED engineers are highly respected and held in high regard.

I have worked as a Construction Manager in contracting companies in Jordan & UAE. I have also worked as a Consultant Engineer in a consultancy office in Jordan, and as an Operations Manager in Facilities management companies in the UAE. Before retirement, I worked as Sr. Manager, properties & Facilities Management in the UAE.

I am very proud of NED University of Engineering & Technology & I will be grateful to NED & my teachers for the success I have obtained. Thank you, NED, for giving me the honor of being one of your graduates. Allah bless you!

Wishing NED more progress, more excellence, more distinguished engineers.

پاکستان زندہ باد، این ای ڈی زندہ باد

taha_mohannad@yahoo.com

Dr. Owais Iqbal (Muhammad Owais Iqbal)

Batch:	1987-88
Degree:	B.E.
Discipline:	Mechanical Engineering
Current Organization:	Stellantis U.S.A. (Formerly FCA USA, formerly Chrysler)
Designation:	Technical Fellow, Battery Thermal Propagation
Past Organizations:	Adjunct Associate Prof., University of Windsor (Canada)



I vividly remember the day I was proudly walking on NED campus for the first time, feeling privileged to be part of the institution that has unequivocal recognition across the globe due to its strong academic standing and a solid alumni base. I was in my third year of engineering when one of my classmates (and a very good friend) asked me, “Where do you see yourself in ten (10) years after graduation?” I was in Prof Muzaffar’s Heat Transfer class, and I promptly said, “I want to be a PhD like Dr. Muzaffar”. This was the start of my second phase of struggle to achieve the seemingly difficult goal.





Regardless of one's background, NED prepares an engineer to compete in the industry and academia from the get-go. Fortunately, I was among the top 5 students of my department and was hired by Dr. Muzaffar's batchmate (Soon after I graduated in 1993) who had owned a paper cup manufacturing unit in Karachi. Since I had this dream of adding at least two more degrees to my credentials, I kept on looking for admission-cum-scholarship for MS.

Two years into the industry, I got admission offers to three different universities at the same time. The offers were from the Asian Institute of Technology, Bangkok (partial scholarship), the University of Detroit, Mercy, MI, USA, and a full scholarship from KFUPM (King Fahd University of Petroleum and Minerals), Saudi Arabia. I opted for the KFUPM scholarship.

Luckily, the day I graduated with an MS in Mechanical Engineering (in the year 1998), I was offered to work as a lecturer in the Mechanical Engineering department, KFUPM. I accepted that offer and taught for two years. During those two teaching years, I kept looking for a PhD scholarship from the Western Hemisphere.

One fine morning (early in the year 2000), I received the good news from the University of Notre Dame, IN, USA. I managed to secure the fellowship from that university for the MS plus PhD program. Before heading out to the USA, I went back to Karachi, got married and left to pursue my PhD. My wife joined me one semester later in the USA. We started our married life in the university and had two kids while I was working towards my MS plus PhD. It was one of the toughest parts of my life as I needed to support the family (wife plus two kids) while working on my PhD thesis. Again, thanks to NED, who prepared me for the struggle, I got through that phase of my life and graduated from the University of Notre Dame with a Master's (in 2005) and PhD (in 2006).

Fortunately, I was offered a post-doctoral research associate position by one of the professors at the University of Notre Dame, where I worked for one year. Things turned a corner, and I, along with my family, landed in Canada as immigrants after I completed my one-year postdoc at the University of Notre Dame (in 2007).

Soon after I came to Canada, fortunately, I ended up finding work in the USA automotive industry, whose operation was in Canada as well. I have been working in the same company ever since. However, my workplace (office) is now in Michigan, but I live in Windsor, Canada. This means I cross the border into USA every day for work.

For the past 18 years, Computational Fluid Dynamics (CFD) has been my bread and butter. Along the way, I have received numerous accolades and recognitions, published in peer-reviewed journals, and delivered invited lectures and short courses.

The last time I visited NED was back in 1994. However, it's amazing that the farther I get (in time and distance) from NED, the urge to give back to NED gets stronger. This is why I have always been a part of the effort of providing NED with books (for the library), funds (for scholarship), and establishing new labs from abroad. I also mentor new NEDians coming to Canada, as well as engineer sons and daughters of NEDians. I hope to continue the same for as long as I can.

It would be unrealistic and ungrateful not to acknowledge that, throughout my life, Allah's help, my parents' well wishes, the guidance of teachers and mentors, and the sacrifices of my family have always been a source of strength and motivation for me to keep moving forward.





My transition from seeking advice to giving advice spans over 30 years. If I were to say one thing as advice for the youth, that would be “*maintain your focus at current tasks/objectives (& future goals) in a way that no distraction should get you off track.*”

Navaid Ur Rehman

Batch: 1993-94
Degree: B.E.
Discipline: Civil Engineering
Current Organization: D.H.A. Karachi
Designation: Additional Director



My journey at NED University began with my admission to the Civil Engineering department in the 1993-94 batch. During my time, the university offered four major disciplines: Civil, Mechanical, Electrical, and Computer Engineering. While many of my peers aspired to join the Electrical and Computer departments, I chose Civil Engineering out of personal interest, not merely based on the merit list, though I was qualified for other disciplines as well.

Starting university was a new and exciting experience. The newfound freedom to attend classes brought a sense of self-responsibility. Initially, it felt like a mix of fun and exploration, but soon we recognized the seriousness of our studies. The annual system at NED demanded intense dedication, with final exams spanning over two and a half months, covering 10 subjects and 6 vivas. This period was so consuming that we often lost touch with our social lives, and our families rarely saw us during exam seasons.

One unique aspect of our time was the overlap of batches—our batch, 93-94, ran concurrently with the 92-93 batch, leading to designations like OLD FE, NEW FE, OLD SE, NEW SE, OLD BE, NEW BE. This overlapping created a distinct identity for our cohort. We also engaged in extracurricular activities such as musical events, book fairs, and even a memorable cricket match outing at the national stadium. Graduation was celebrated with a traditional shirt-signing ceremony, marking the end of an era.

My professors at NED were exceptional, providing continuous support and guidance. One of my professors recommended pursuing a master's at the University of Alberta, Canada, which I eventually did. This advice significantly influenced my career path, leading me to where I am today.

Celebrating the centenary of NED University is a testament to its enduring legacy of excellence in engineering education. Over the past century, NED has not only produced skilled engineers but also leaders who have significantly contributed to various fields globally. The centenary marks a milestone of resilience, growth, and a commitment to shaping future generations. As an alumnus, I am proud to be part of this illustrious history and look forward to seeing NED continue its journey of academic and professional excellence.

Reflecting on my time at NED University, I realize that the experiences and challenges faced during those years laid the foundation for my career. The rigorous academic environment, coupled with the support from dedicated faculty, instilled a sense of discipline and a pursuit of excellence that guided me through various professional and personal milestones. My journey from a student at NED to an international career in Canada and the UAE, and eventually returning to Pakistan, highlights the importance of resilience, continuous learning, and the ability to adapt to new environments.





Reflections

With over 24 years of professional consulting and academic engagement spanning across Canada, the Middle East, and Pakistan, I bring a wealth of diverse experiences to the table. This broad background grants me a unique insight into project management methodologies, cultural nuances, and regional practices. Having navigated through various environments, I possess a comprehensive understanding of how to adapt and thrive in multicultural settings, which is invaluable in today's interconnected global landscape.

Throughout my career journey, I have assumed pivotal leadership roles including General Manager, Director of Project, Senior Project Manager, and Design Engineer. These positions have honed my leadership skills, strategic planning abilities, and aptitude for navigating complex projects. By successfully overseeing large-scale endeavors, I've cultivated a knack for effective team management, ensuring projects are delivered with excellence and precision.

My tenure as an Assistant Professor at an Engineering University underscores my commitment to academic excellence and professional development. By imparting knowledge and fostering critical thinking among students, I contribute to shaping the next generation of industry leaders. Moreover, my academic background equips me with the expertise to distil complex concepts into digestible information, facilitating effective communication and learning.

I hold a degree in Civil Engineering from NED University, Karachi, laying the groundwork for my specialization in Construction Engineering & Project Management, which I pursued at the University of Alberta, Canada. This robust educational foundation solidifies my understanding of project management principles and equips me with the necessary skills to navigate the intricacies of the field with confidence and competence.

As the author of "Project Management Book of Templates," my contributions extend beyond practical experience, showcasing my expertise and dedication to advancing the field. This book's publication in North America and Europe broadens its reach, enriching global discourse on project management practices and methodologies. Additionally, my article titled "How Agile & Lean Are Redefining Construction Projects" has been published internationally on the PMI platform and website.

My certifications, including PMP and ISO 9001, 14001, and 18001 Lead Auditor, underscore my commitment to upholding professional standards and fostering continuous improvement. These credentials serve as a testament to my dedication to excellence and my relentless pursuit of enhancing my skills and knowledge within the domain.

Since 2008, my affiliation with PMI has been steadfast, reflecting my enduring commitment to the organization's mission and values. Active engagement with PMI chapters in Northern Alberta, Canada and Khaleeji FZ LLC underscores my dedication to fostering community and knowledge exchange within the project management sphere.

My volunteer endeavors with PMI Global Headquarters, particularly my involvement in esteemed roles such as the **Judging Committee Member for the PMI PMO Global Awards 2024** and as a jury member for the **PMI Global Rising Leader Award 2024**, underscore my dedication to giving back to the profession.

These experiences not only enrich my understanding of industry trends but also exemplify my willingness to contribute meaningfully to the PMI community. With extensive experience as a PMO Expert across private and public sector organizations, I possess the acumen to establish and operate Project/Program/Portfolio Management Offices effectively. This expertise is instrumental in setting professional standards and developing educational programs, thereby advancing the collective knowledge and capabilities of the PMI chapter.





Reflections

As a dual national (Canadian-Pakistani), I bring a unique international perspective that bridges global best practices with local needs. This perspective enriches the professional development offerings of the Karachi chapter, fostering a more interconnected and informed professional community.

NED University has played a pivotal role in shaping my career and character, and for that, I am deeply grateful. As we celebrate the centenary, I encourage current and future students to embrace the opportunities and challenges that come their way, knowing that their experiences at NED will equip them to make meaningful contributions to the world.

During your time at NED, embrace every learning opportunity, stay curious, and get involved in campus life. Balancing studies and activities can be challenging, so manage your time well and seek help when needed. Build connections and network with peers and professors, as these relationships will be invaluable.

Remember to stay resilient during tough times and plan for your future. Enjoy every moment and make the most of your time here.

NED has a proud history of producing exceptional engineers and leaders. I am confident you will contribute significantly to this legacy.

As an alumnus, I'm excited for you as you begin this journey. Best of luck on your journey!

Fahad Karim Khan

Batch:	1997-98
Degree:	B.E.
Discipline:	Electrical Engineering
Organization:	CMP Products LTD.
Designation:	Area Sales Manager – Saudi Arabia, Bahrain, Egypt, Pakistan, Iraq, Afghanistan



In 1998, starting in the B.E. Electrical Program at NED University of Engineering & Technology was full of excitement and learning. Exploring learning with experienced teachers, hanging out with like-minded fellows results in lifelong friendship and association. The NED itself and the vast alumni body with their support played a key role in my personal and professional growth.

The memories of NED are rich and varied—late-night study sessions, sharing notes over chai, and the camaraderie that grew from facing challenges together. One moment that truly stood out was our final year project on the power distribution scheme. It was an adventurous and rewarding experience that represented the culmination of our efforts

throughout the years. It also helped us develop valuable soft skills, such as proficiency in MS Office, AutoCAD, and PSpice.

After graduating in 2002, my first job was as a project engineer in Energy and Power contracting, for Saudi Aramco Haradh Gas Plant. A year later, I was working for AL-Quraishi Electrical Services for Saudi Arabia, starting as an





Inside Sales Engineer to the position of Senior Sales Engineer, providing solutions in Electrical and Automation products from sales till final commissioning.

After joining Eaton, I was handpicked to lead marketing, sales, and post-sales services for the power, petrochemical, refinery, oil and gas, energy, saline water conversion, and utility sectors in Saudi Arabia. My focus was on explosion-proof and hazardous-area application products, as well as cable management solutions, under the Crouse-Hinds and B-Line businesses. With a deep understanding of customer challenges and market dynamics gained through exposure to diverse industries and segments, I successfully closed several strategic deals by securing pre-qualification for Eaton Middle East LLC.

Later, I joined Bartec Middle East LLC as Country Head and played a vital role in achieving and exceeding sales growth and profit objectives for Saudi Arabia and Bahrain regions. I contributed significantly to expanding the footprint for Bartec products, the effective sales & marketing, customer service, operations & maintenance and storage.

Becoming the Area Sales Manager - For Saudi Arabia, Bahrain, Egypt, Pakistan, Iraq and Afghanistan is a role that comes with immense responsibility, overseeing sales operations across a diverse region, Managing Sales Channels, and Direct customers in Multiple geographical locations with diverse cultures and mindset in multiple business segments.

To the students of NED, I want to say: enjoy and learn the time you have here. It might feel overwhelming at times, but every challenge is an opportunity to learn and grow. Engage with your peers, take part in campus activities, and don't be afraid to step out of your comfort zone.

Remember, the skills and experiences you gain at NED are your foundation. They will help you navigate your career and life. Stay curious, be open to new experiences, and always aim high. The world is full of possibilities, and with the solid grounding you're getting at NED, you're ready to make your mark.

Syed Ahmed Salman

Batch:	1997-98
Degree:	B.E.
Discipline:	Mechanical Engineering
Organization:	MYCRANE Co. Ltd
Designation:	VP – Sales Middle East



In 1998, stepping into the bustling campus of NED University of Engineering & Technology felt like embarking on an adventure. The air was filled with the excitement of fresh possibilities and the anticipation of what the future held. NED wasn't just about lectures and labs; it was a vibrant community where I learned as much from conversations with friends as from textbooks.

The memories of NED are rich and varied—late-night study sessions, sharing notes over chai, and the camaraderie that grew from shared challenges. One moment that stands out is our final year project. My team and I faced





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numerous setbacks, but the satisfaction of finally getting our prototype to work was unmatched. It was a lesson in persistence and the joy of solving problems together, something that has stayed with me throughout my career.

After graduating in 2002, my first job as a Management Trainee at Pak Suzuki was both thrilling and daunting. I was finally applying what I had learned at NED to real-world situations. The transition wasn't always smooth, but the foundation I built at NED gave me the confidence to tackle new challenges.

A year later, I took a leap of faith and moved to Saudi Arabia for a role as a Sales Engineer at Boodai Group. It was a big change—new country, new culture—but it was also an incredible opportunity to grow. The adaptability and problem-solving skills honed during my university years were invaluable. Working in a diverse environment broadened my perspective and taught me to navigate the complexities of international business.

My career path led me to roles at DEMAG Cranes, United Group, Byrne Group, and Arabian International Company. Each experience was a chapter in my professional growth, teaching me new skills and giving me a deeper understanding of the industry. At DEMAG Cranes, I delved into the technicalities of the crane industry, while my time at United Group and Byrne Equipment was about honing my leadership skills. The journey wasn't always easy. There were times of doubt and challenges that seemed insurmountable. But looking back, it was these moments that pushed me to grow the most. The education and experiences from NED were like a compass, guiding me through tough decisions and complex situations.

Becoming the VP Sales - Middle East was a dream come true. It's a role that comes with immense responsibility, overseeing sales operations across a diverse region. It's also incredibly rewarding, as I get to strategize and drive growth in an industry that I am passionate about.

The journey to this position has been filled with hard work, but also with a lot of learning and personal growth. The leadership lessons from NED, the technical expertise, and the network of supportive friends and colleagues have all played a part in reaching this point.

As NED has celebrated its centenary recently, I can't help but feel proud and nostalgic. This institution has been a cornerstone in my life and the lives of countless others. It's amazing to see how far NED has come and to think about all the bright minds it has nurtured over the years.

In reflecting on my journey from a Management Trainee at Pak Suzuki to VP Sales - Middle East, I see a story of continuous learning, resilience, and the pursuit of excellence. It's a journey that began at NED University of Engineering & Technology, and it's one that I'm deeply grateful for. Here's to the memories, the lessons learned, and the exciting future ahead for all NEDians!

Stay humble, stay hungry, and let your passion for engineering drive you towards success. The future is yours to shape—go forth and make it extraordinary.





Imran Rasheed

Batch:	1997-98
Degree:	B.E.
Discipline:	Mechanical Engineering
Current Organization:	ADNOC Onshore
Designation:	Senior Specialist Piping
Past Organizations & Designations:	SAIPEM Contracting Netherlands B.V. Principal Engineer Piping & Layout



My time at NED University was not only a journey of academic growth but also a period of personal and professional development. The quality of teaching at NED was a standout feature of my experience. Professors were not just experts in their fields, but also passionate educators who connected theory to practical applications. Their teaching instilled a deep understanding of mechanical engineering concepts, laying the foundation for my future career.

Beyond academics, NED offered a vibrant campus life enriched by social and extracurricular activities. This played a crucial role in shaping my leadership skills, teamwork, and communication abilities. These experiences not only contributed to my personal growth but also fostered a sense of community and camaraderie among peers. The student union's events and initiatives brought together students from diverse backgrounds, fostering an environment of collaboration and unity.

Peers and colleagues at NED were another source of inspiration. The friendships and professional relationships I developed during my time there have lasted well into my career. The shared passion for engineering, coupled with a competitive yet supportive environment, pushed us to excel both in academics and beyond.

One of the most memorable aspects of my student life was the "Mech Corner" – a place where mechanical engineering students gathered to exchange ideas, discuss projects, and support each other. It was here that I learned the true value of collaboration and intellectual exchange, which I carried forward into my professional career.

The combination of quality teaching, active student life, and a sense of community at NED shaped my professional journey and continues to influence my approach to engineering and leadership today. As NED celebrates its

centenary, I reflect on how these formative years helped me evolve, laying the groundwork for the achievements I am proud of today.

As NED University celebrates its centenary, it is a moment of immense pride and reflection for all of us who have had the privilege to be part of this prestigious institution. Over the past 100 years, NED has established itself as a beacon of excellence, shaping countless engineers who have gone on to make significant contributions worldwide.

For me, NED is not just an alma mater; it is where my dreams took shape, where I was nurtured by exceptional faculty, and where I developed the skills and resilience to navigate the challenges of a dynamic industry. The university's unwavering commitment to academic rigor, innovation, and community building has been instrumental in my success and the success of countless others.





As we celebrate this historic milestone, let us honor the legacy of NED and its role in empowering generations of engineers to excel and lead. May NED continue to inspire, innovate, and contribute to building a better future for the next century and beyond.

The journey from a student at NED University to becoming a Senior Specialist Piping Engineer with over two decades of experience in the energy sector underscores the power of education, innovation, and perseverance. At NED, I was not just taught engineering principles, but also the importance of collaboration, adaptability, and continuous learning. These values have shaped my career, enabling me to drive change, optimize systems, and contribute to sustainable energy solutions on a global scale.

My core message is simple: success is not solely defined by technical expertise but by a commitment to lifelong learning, a passion for solving real-world challenges, and the ability to mentor and inspire others along the way. Let us honor the legacy of our education, embrace innovation, and work together to create a future where progress and sustainability go hand in hand.

Syed Asher Ali Zaidi

Batch:	1998-99
Degree:	B.E.
Discipline:	Mechanical Engineering
Organization:	Eaton Corporation
Designation:	Country Manager/Sales & Director (KSA & Bahrain)



Becoming a part of this prestigious institution was more than just a dream; it was a significant milestone in my life. The journey of honing my engineering skills at NED was both wonderful and unforgettable.

The four years I spent at NED University are among the most memorable times of my life. The institute excels in transforming students into thorough professionals, equipping them with both technical and behavioral competencies. Additionally, NED offers a vibrant co-curricular life that helps balance various aspects of personal development.

I consider myself highly privileged to be an alumnus of NED University. I was fortunate to be taught by some of the most distinguished experts in engineering. I am particularly grateful to Dr Muzaffar Mehmood, Dr. Sarosh Lodi and Dr. Tufail, who taught me Heat Transfer, Engineering Mechanics and Production Engineering, respectively. The faculty's dedication, professional knowledge, and efforts to build our character were truly commendable.

I can confidently say that my time at NED, spent in self-learning and a constantly evolving environment, has shaped who I am today. The discipline, analytical approach to problem-solving, time management, competitiveness, and group culture I developed there have been invaluable in both my personal and professional life.

I hope that NED University will continue to maintain its prestige and remain one of the finest institutions in Pakistan by progressively evolving its academics, modernizing its facilities, and enhancing its research potential.





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My message to current students is to embrace every moment, learn with passion, and innovate fearlessly. The time you spend here will not only make you better professionals but also empower you to be transformative leaders and productive members of society.

"Education is the most powerful weapon which you can use to change the world." - Nelson Mandela

Fariha Zuberi

Batch: 2000-01
Degree: B.S.
Discipline: Architecture



Studying architecture at NED University was a transformative journey that not only shaped my academic foundation but also broadened my perspective on the role of architecture in addressing societal and environmental challenges.

One of the highlights of my experience was the emphasis on research. NED University provided a robust platform for exploring contemporary architectural practices, including urban planning, sustainable development, and environmental design. The faculty, comprising experienced professionals and scholars, were always approachable and encouraged us to think critically. Their mentorship played a pivotal role in honing my analytical and design skills.

The program's focus on practical experience was another defining feature. Through workshops, site visits, and collaborations with industry professionals, I gained valuable insights into real-world challenges. Internship opportunities allowed me to work on diverse projects, from urban planning initiatives to designing sustainable housing solutions. These experiences bridged the gap between theory and practice, preparing me for the competitive professional landscape.

The curriculum encouraged us to explore various career dimensions beyond traditional architectural roles. I delved into urban planning and environmental design, which sparked my interest in creating spaces that promote social responsibility and sustainability. This exploration laid the groundwork for my aspirations to contribute to projects with a meaningful impact.

One of the most fulfilling aspects of my education was the focus on social responsibility. We were taught to approach design with empathy and to consider the needs of diverse communities. Sustainability was a recurring theme, and I learned to integrate eco-friendly practices into architectural solutions, aiming to create spaces that are both functional and environmentally conscious.

My journey as an architecture student at NED University was a blend of rigorous academics, hands-on learning, and personal growth. The exposure to cutting-edge research, guidance from exceptional faculty, and opportunities for professional development have been instrumental in shaping my career. Today, I carry forward the lessons I learned, striving to design spaces that not only meet functional needs but also contribute positively to society and the environment.





Dr. Zeeshan Mohiuddin

Batch: 1999-2000
Degree: B.E.
Discipline: Mechanical Engineering



I am deeply grateful to my late parents, who, despite limited resources, prioritized our education above all else. I grew up in humble surroundings where living conditions were challenging, and education was my only hope for a better future. Securing admission to NED University's Mechanical Engineering program after Grade 12 was the proudest moment of my life—it was not just a step forward but a leap into possibilities that my parents could barely afford.

Graduating among the top 10 students of my batch, 1999- 2000, I began my career as a Piping and then Reliability Engineer in Karachi. My journey took a significant turn when University Teknologi PETRONAS (UTP), Malaysia, visited NED University and conducted an interview for their M.Sc. Research program. After a few months of my interview, they offered me admission and a graduate assistantship, making me the sole candidate from NED University to achieve this honor. I pursued an M.Sc. in Petroleum Engineering by research, a challenging endeavor that required adapting to the new discipline of Petroleum Engineering and the unfamiliar nature of a 100% research-based education. With the support of UTP and the opportunity to attend Heriot-Watt University (UK) coursework in Petroleum Engineering, I completed my research degree on Thermal Enhanced Oil Recovery (EOR) while collaborating with PETRONAS Research and PETRONAS Carigali. My work culminated in publications in reputed international journals and conferences.

To sustain myself in Malaysia, I balanced my studies with a 40- 60 hour-per-month teaching assistant role in the University, teaching subjects like Fluid Mechanics, HVAC and Material Engineering. Representing Pakistan in this capacity was a profound honor. After completing my M.Sc., PETRONAS Research offered me a senior researcher role and subsequently sent me to Canada to work on PETRONAS research projects. During this period, I collaborated closely with the University of Calgary, Alberta Research Council, and the Computer Modeling Group. While conducting research in Canada, I noticed similar research advancements in Australia. Upon approaching the University of Adelaide, I was offered a Ph.D. opportunity in a research project aligned with my expertise. Additionally, the Australian Government awarded me the prestigious International Postgraduate Research Scholarship (IPRS), a rare recognition given to only one student per year in the entire engineering faculty, comprising several departments. Receiving this scholarship was an immense honor, and I embraced this new opportunity, moving to Adelaide, Australia.

During the final year of my PhD candidature on Gravity-Assisted Miscible Displacement at the pore scale, Schlumberger Australia offered me a position in Perth. Balancing work and academia, I completed my research thesis while employed full-time. In 2013, I proudly received my PhD, with my parents, wife, and child present at the convocation ceremony. I want to acknowledge my wife, whose unwavering support throughout all phases of my life made this achievement possible. Since earning my PhD, I have held various roles across engineering, research, consulting, and management with esteemed organizations such as Shell, Origin Energy, Santos, and

Central Petroleum. I have also contributed as a visiting lecturer for MSc coursework at the University of Queensland and established my own consulting firm.





Currently, I serve as Upstream Operations Manager for PETRONAS Australia, overseeing JV operations across the entire value chain—from the reservoir to the wellhead, the compressor, station and to the GLNG LNG Plant. This journey has taught me that Allah’s guidance, combined with determination and hard work, can turn aspirations into achievements. NED University has been instrumental in shaping not just my future but also that of countless students, providing a platform for growth and success.

Muhammad Sajid

Batch: 2001-02
Degree: B.S.
Discipline: Computer Science & Information Technology
Current Organization: Amazon Web Services (AWS)
Designation: Senior Solutions Architect



I currently work at Amazon Web Services as a Senior Solutions Architect, specializing in generative AI. I earned my bachelor’s degree in Computer Science and IT in 2005. Since then, I’ve had the privilege of working across the globe, including in Pakistan, the Middle East, Scandinavia, and the USA.

My university education, combined with my industry experience, has enabled me to help numerous organizations and individuals on their cloud transformation journeys and AI adoption, by training and mentoring teams and individuals.

I consider myself fortunate and privileged to have been taught by exceptional teachers like **Prof. Dr. Muhammad Mubashir Khan, Prof. Dr. Najeed Ahmed Khan, Prof. Dr. Wahab Usmani**, and many others. Their advice and guidance shaped not just my technical skills but also helped me develop valuable abilities such as knowledge sharing, mentoring, storytelling, and leading high-performance teams.

During my university years in Karachi, I discovered the importance of continuous learning. I’m a strong believer in the Japanese philosophy of *Kaizen*, which emphasizes constant learning and improvement. This principle has been a guiding force throughout my career. *Learn and Be Curious* isn’t just a motto for me; it’s a core part of who I am. After graduating, I quickly realized that, while technical skills might get you the job, soft skills are what drive career growth.

Two experiences (among many) from my university days had a profound impact on me:

1. *In my first year at university (2001–2002), just after the events of 9/11, there was widespread uncertainty about the future, especially for students pursuing technology degrees. I remember asking Sir Wahab Usmani about the prospects of the degree we were studying. His reply left a lasting impression on me: “Scope kisii university ya degree ka nahi hota, scope aap ka hota hai. Ek hi university se, ek hi waqt mein, ek hi subjects parhne wale log ek jitna successful nahi hotay.” This taught me that success depends not on the degree or institution but on individual effort and potential.*
2. *Another pivotal moment came during a viva exam in 2003–2004 when Sir Mubashir Khan was teaching us Assembly programming. I wasn’t performing well and struggled to answer some basic questions. I told Sir Mubashir that while I was good at programming, Assembly language wasn’t my strength. His response inspired*





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me deeply. He said he knew I had strong programming and learning skills and expected much better performance from me, even in Assembly. “Just thinking you’re good at programming isn’t enough,” he said. “You must prove your skills practically in all kinds of exams.” That conversation, rooted in the Pygmalion Effect, transformed my approach to studying and motivated me to work harder, knowing that my teachers believed in my potential.

(The Pygmalion Effect is a self-fulfilling prophecy where high expectations lead to improved performance.)

I will share five things that each one of you should remember:

Never stop learning. The world evolves fast; staying curious and upskilling is non-negotiable. You’ve likely heard the phrase; *the only constant is change*. Technological advancements are making jobs less routine and more cognitively demanding. Strive to become a *dynamic learner*. Across industries, dynamic learners consistently outperform their peers, achieving greater impact and fulfilment by embracing lifelong learning and leveraging it to build even more knowledge.

Teach what you learn. Technical skills are vital, but if they aren’t matched by strong communication and teaching skills, your career might stagnate. Teaching others not only hones your speaking and communication skills but also forces you to break down complex concepts into simpler, more digestible ideas. I use the Feynman Technique (inspired by Nobel laureate Richard Feynman) to learn and simplify challenging topics.

Prioritize knowledge and skills over money. Don’t chase money—focus on acquiring skills, knowledge, and intelligence, and the money will naturally follow. This is the essence of *Wilson’s Law*.

Master public speaking and presenting. Speaking effectively is challenging for most people, but it is one of the most critical skills you can develop. Start improving your speaking abilities as early as possible. Remember, every time you speak, you’re auditioning for a leadership role.

Reduce distractions. What you say *no* to often matters more than what you say *yes* to.

Remember: What you take away from university isn’t limited to your grades—it’s your behavior, your mindset, and the career capital you build. We are privileged to have access to exceptional educational institutions and knowledgeable teachers. Let’s make the most of this opportunity.

Fariha Khurshid

Batch: 2002-03
Degree: B.E.
Discipline: Civil Engineering
Current Organization: Department of General Services, Baltimore
Designation: Project Controls Engineer



Being a Civil Engineer, I feel very proud to be a NED Alumni. Since my engineering journey has taught innumerable lessons, it has also greatly equipped me to survive and shine in every situation and particularly in challenging situations. As I accomplished my Bachelor of Engineering degree, I landed in an extremely competitive





society in the United States of America. I got an opportunity to work in one of the well-known organizations in Baltimore, Maryland. I initiated my career as a Program scheduler, and soon delved into construction scheduling and gradually expanded my expertise across various facets of project controls. Each step in this journey has been an opportunity for growth, allowing me to enhance my knowledge and refine my skills.

Living and working in Baltimore, the exploration of options for upgrading myself has been phenomenal. Over the years, my experiences have shaped me into a seasoned engineer who approaches project controls with a broad lens of analytics and technical insight.

My journey of understanding civil engineering truly began during my time at NED University, where real-world projects brought classroom concepts to life. I still remember traversing the streets of Karachi for a transportation project, gaining first-hand insights that went beyond textbooks. My urban development internship was another defining experience, offering daily opportunities for learning and growth.

One of my fondest memories is from my early years at NED, when I made my first concrete brick during a practical session. At the time, I had no idea this simple task would symbolize the foundation of the successful career I cherish today.

These experiences not only enriched my education but also gave me invaluable memories that continue to inspire my professional journey.

I strongly believe that all my achievements and the success that I have today became possible because of the foundation laid by the NED University. Hard work, persistence and resilience have always been the by-product. There is a big community of NEDians working in different states of the US, and undoubtedly, they stand out with the excellence of their craft.

Samina

Batch: 2002-03
Degree: B.E.
Discipline: Electronics Engineering
Current Organization: Imtiaz Super Stores



As a graduate of NED University of Engineering and Technology (NEDUET), I began my professional journey with a solid foundation in Electronics Engineering, unaware that my path would eventually lead me to the dynamic world of regional supply chain management. Today, I am proud to leverage my engineering background to drive innovation, optimize processes, and create efficient supply chain solutions.

Building a Strong Foundation at NEDUET I immersed myself in the rigorous study of Electronics Engineering, gaining a deep understanding of systems, automation, and problem-solving techniques. My education provided me with the technical knowledge and analytical skills that would later be crucial in optimizing supply chain processes. Courses on systems design, logistics, and automation were instrumental in shaping my problem-solving approach, especially when it came to streamlining operations and enhancing productivity.





Bridging Engineering with Supply Chain While studying Electronics Engineering, I realized that many of the principles of systems optimization, efficiency, and automation could be applied directly to supply chain management. I became fascinated by the idea of improving supply chain processes using engineering methodologies and technology. To gain deeper insights into the field, I pursued internships and hands-on projects that exposed me to various facets of the supply chain, including inventory management, procurement, and logistics.

Transitioning into the Supply Chain Domain Upon graduation, I took a bold step and transitioned into the supply chain sector, where I initially worked as a Supply Chain Analyst. My technical background allowed me to approach

problems with a systems-based mindset, applying data analysis and automation solutions to optimize logistics and inventory processes. I quickly became adept at using software tools, data analytics, and engineering principles to streamline the supply chain workflow.

Driving Innovation in Regional Supply Chain Operations As I advanced in my career, I was allowed to manage regional supply chain operations. One of the most significant milestones was leading an initiative to integrate automation and data-driven decision-making into our supply chain processes. By utilizing tools such as machine learning algorithms and real-time tracking systems, I helped reduce supply chain bottlenecks, cut operational costs, and improve delivery timelines across multiple regions.

My background in electronics allowed me to optimize the integration of automated systems into regional logistics networks, ensuring real-time data synchronization, minimizing delays, and enhancing overall efficiency. One notable achievement was the successful implementation of an advanced warehouse management system (WMS), which improved inventory accuracy by 25% and sped up order fulfilment by 30%.

Leadership and Strategic Vision I progressed into senior roles, I began overseeing large teams and taking on more strategic responsibilities, such as forecasting, demand planning, and supplier management. My ability to bridge the gap between technology and supply chain management became a key strength. I mentored younger professionals, helping them understand the importance of data-driven decision-making and the role of technology in shaping the future of supply chain operations.

I also focused on building relationships with suppliers and partners, ensuring that our regional supply chain was resilient and agile enough to adapt to market shifts and disruptions. By fostering collaboration and encouraging continuous improvement, I contributed to significant growth and efficiency improvements in the supply chain operations.

Embracing the Future of Supply Chain Today, I continue to lead regional supply chain initiatives with a focus on sustainability, technological innovation, and continuous process optimization. My background in Electronics Engineering has given me a unique perspective on the challenges of supply chain management, and I remain committed to leveraging technology and data to drive success in this ever-evolving field.

Looking ahead, I'm excited to continue exploring how emerging technologies like artificial intelligence, blockchain, and the Internet of Things (IoT) can further transform supply chain management, ensuring that we are always one step ahead in providing efficient, cost-effective, and sustainable solutions.





Syed Mozammil Karim

Batch: 2002-03
Degree: B.E.
Discipline: Industrial & Manufacturing Engineering
Current Organization: National Broadband Network (NBN), Australia
Designation: Regulatory Project Manager



Time at NED University has been instrumental in my professional and personal journey. It started with my admission in the Civil Engineering Department, though in the next 3-4 weeks due to vacancy I got moved to Industrial and Manufacturing Department. The move was the beginning of the gusto to follow in the next four 4 years.

As I settled into my new class and got to know my classmates, I met a bunch with common interests and quickly we developed a close bond that converted into lifelong friendship. Memories in summary and with a few highlights include:

- Being involved in social activities (Picnic, Annual dinner and Book fair to call out specifically)
- Spending hours at Mech Corner and Raza bhai's Photocopy shop
- Late sitting with special friends after university time.
- Lead up to exams (incl. attendance percentage (75%) calculations) and the exam hall experience.

Wrote above with the *Attitude of Gratitude*, that being a NED Alumni and a student organization member opened up a whole new perspective about the importance of interactions and networking. NED has a remarkable legacy of 100 years of excellence, serving the nation and making a global impact as a nurturing ground for exceptionally talented individuals. Hope NED continues to go from strength to strength in the years to come.

To current and future NEDians, I would simply say, enjoy your time on campus to the fullest, because after graduation, when you look back, you'll truly cherish those moments.

Zainab Faisal

Batch: 2002-03
Degree: B.E.
Discipline: Urban & Infrastructure Engineering
Current Organization: Founder & CEO, Consumer Connect



Success, to me, isn't a final achievement; it's a series of moments where you choose purpose over comfort, curiosity over assumption, and impact over perfection.

My journey began in the corporate world of real estate and banking, first at Arif Habib REIT Management, then at HBL. These roles gave me a front-row seat to how strategies were shaped and decisions were made. But over time, I started noticing a gap: there was often a limited connection to the end consumer. That observation stayed with me





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and became the starting point for a bigger question: how can we make decisions that truly reflect people's needs if we aren't meaningfully engaging with them?

That thought eventually led me to build Consumer Connect, Pakistan's first verified consumer panel, designed to make research accessible for everyone from startups to global enterprises. We offer real-time insights from real people, ensuring decisions are grounded in lived experience, not guesswork. Now, we're preparing to launch AI-generated personas' digital extensions built from our verified data to help clients scale their understanding and test ideas faster than ever before. But my work has always been about more than just research. At the heart of it is a deeper purpose: gender inclusivity.

As a woman navigating male-dominated industries and boardrooms, I've felt the gaps. And rather than ignore them, I've built platforms to address them. One of those is "Her Story with Zainab Faisal", a podcast I created in collaboration with Mom KAST. It shares the stories of resilient South Asian women who've taken bold steps, faced quiet battles, and redefined success on their own terms. I tell stories because I believe life's most powerful lessons are passed on through them, not just for women, but because of them.

As a founder, storyteller, and mother of two, I've learned to measure success not by scale, but by significance. With every survey launched, every episode aired, and every barrier questioned, I'm working toward the same mission: to make understanding people, especially those often overlooked, the most valuable part of how we build, lead, and grow.

Syed Umair Akhtar

Batch:	2002-03
Degree:	B.E
Discipline:	Industrial & Manufacturing Engineering
Current Organization:	Saskatchewan Polytechnic, Canada
Designation:	Vendor & Category Management Officer
Past Organizations & Designations:	GASCO Engineering, Contracts & Procurement Manager



I graduated with a Bachelor of Engineering in Industrial & Manufacturing back in 2007. NED, one of the country's most prestigious engineering institutions, is renowned for its rigorous academic curriculum and emphasis on practical engineering applications. The program provided a strong foundation in engineering principles, problem-solving, and technical proficiency, which contributed to my ability to manage complex projects and processes in procurement and contract management roles. NED has a diverse and well-established faculty, recognized for its academic excellence, research contributions, and industry experience. The faculty at NED consists of professors, associate professors, and lecturers with advanced degrees from top universities in Pakistan and abroad. Many hold PhDs and master's degrees in their respective disciplines. My time at NED instilled critical thinking, analytical skills, and a commitment to excellence, shaping my career trajectory in the engineering and management domains.

The Centenary of NED University (1921–2021) marks a proud milestone for one of Pakistan's most esteemed engineering institutions. Over 100 years, the NED University of Engineering & Technology has grown from humble beginnings as a small technical institution to a globally recognized center for excellence in engineering





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education. This historic occasion celebrates a legacy of producing world-class engineers and innovators who have contributed significantly to Pakistan's infrastructure, industry, and technological advancements. The centenary symbolizes a commitment to academic excellence, research, and societal impact while honoring its tradition of nurturing leaders in engineering and technology. With a century of achievements, NED University continues to inspire future generations to innovate and excel, standing as a beacon of pride for Pakistan.

My core message to the students is to embrace the opportunities this institution offers to build a strong foundation in technical expertise, critical thinking, and innovation. NED's legacy of producing top-tier engineers and leaders is your springboard to shape a meaningful career. Focus on mastering both technical skills and soft skills like communication, collaboration, and adaptability, as these are essential in today's professional world. Strive to learn, grow, and contribute to society, and remember that the values and discipline you cultivate here will guide you throughout your journey.

umaireengineer@gmail.com

Muhammad Arif

Batch:	2003 – 04
Degree:	B.E.
Discipline:	Industrial & Manufacturing Engineering
Current Organization:	Atlas Battery Limited (Atlas Group)
Designation:	Senior Manager, Production
Past Organizations & Designations:	DYL Motorcycle (AM Design & Development)



Currently, I am working at Atlas Battery Limited (AGS), a group company of the well-known Atlas Group, which has a joint venture with GS Yuasa Japan. It has been my pleasure to represent the company internationally, visiting Thailand, Taiwan, Japan, and Nigeria for Pre-Delivery Inspections of molds and machines. During these visits, I gained knowledge of processes for new product development, supported the business development team as a technical expert, and received training in Program and Project Management from AOTS. These experiences have significantly enriched my professional skills and broadened my horizons.

Being the only child in my family, attending university was a significant milestone, as most children in my Memon community pursued family businesses. NED University was the only institution I could afford, and I was fortunate

to secure admission. Initially, I was admitted to Civil Engineering, a field I knew little about and didn't aspire to pursue. Later, I transferred to Industrial & Manufacturing Engineering due to seat availability, which turned out to be a pivotal shift for my career.

During my time at NED, I faced personal challenges, including family disturbances and my father's medical illness, which limited my participation in university activities. Nevertheless, I cherish the friendships I formed, especially with Mr. Asher, who remained my closest companion throughout my studies. The nervous excitement before vivas, the fear of missing workshops, and struggling with attendance to be eligible for exams are memories I hold dearly. I also appreciated the dedicated teaching of Prof. Dr. Muhammad Tufail, Prof. Dr. Syed Amir Iqbal, Dr. Ali Zulqarnain, and Ms. Rabia Siddique, who provided us with invaluable knowledge and guidance.





Reflections

As the first child in my family to attend university, I am deeply grateful to NED University for giving me the chance to fulfil my academic aspirations. As NED celebrates 100 years of excellence, I feel immense pride in being part of its legacy. The university has produced outstanding professionals, entrepreneurs, and engineers who have significantly contributed to Pakistan's development and beyond. My heartfelt prayers and best wishes for NED University's continued growth and success.

To all new students, appreciate the opportunity to study at NED University. Engage in both academic and extracurricular activities. Build lasting relationships with peers and professors. The university will provide you with a platform to explore your potential and equip you for the challenges ahead.

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Raiya Sohail Hashmi

Batch:	2005-06
Degree:	B.E.
Discipline:	Electronics Engineering
Current Organization:	Transport for NSW
Designation:	Deputy Project Manager



In my early days in Australia, someone asked me, "Are you from UNSW? You seem like you studied at UNSW." That moment was one of the greatest honors for me. UNSW is among the world's top engineering universities,

and being compared to its graduates was humbling. It also underscored the incredible commitment of NED University of Engineering and Technology to producing exceptional engineers, despite operating with limited resources.

My career began with my first job, which I secured through NED's Directorate of Industrial Liaison (DIL) department. From there, I joined one of Pakistan's largest MEP consultancies, further solidifying the foundation NED had given me. NED has always been a part of my journey. It was a fellow NEDian and close friend who informed me about an opportunity with the Pakistan Civil Aviation Authority. By Allah's grace, I got to serve the Government of Pakistan in the aviation sector for seven years.

During my time there, I achieved a few firsts: I was the first woman in my team to be sent to Europe for specialized training, and I led the installation of Pakistan's first D-ATIS system, which continues to assist pilots landing at Karachi Airport today. When I moved to Australia, my NEDian roots supported me in more ways than I could have imagined. Joining the NED Alumni Australia group opened doors for me. A fellow NEDian even organized my very first interview here, although I didn't get the role, their kindness and guidance were invaluable. NEDians helped me rewrite my CV, prepare for interviews, and navigate starting my career from scratch in a new country.

As I ventured into Australia's railway industry, I discovered NEDians excelling in senior positions. They not only welcomed me but also became mentors and friends. One senior NEDian engineer guided me as I transitioned into project management. Today, I'm privileged to work on one of Australia's most transformative rail programs, and I credit much of my success to the strong foundation NED gave me.





Reflections

The friendships I've built with NEDians remain my greatest emotional support system, even as we're now scattered across continents. Whether it's navigating motherhood and career challenges, resolving relationship issues, or tackling professional struggles, my NEDian friends are always just a WhatsApp call away.

Some of my fondest memories are tied to NED. My team's final year project winning the prestigious DICE award has been one of my proudest moments. On a lighter note, I'll never forget the 15-day tour of Pakistan with my friends. We kept a diary during those days, filled with funny quotes and moments, and to this day, we call each other by the same nicknames we coined back then—despite all of us now being married with kids!

Serving as the editor of SPARK, the electronics department's magazine, also holds a special place in my heart. My love for writing, nurtured during my university days, continues to thrive as I now run a blog dedicated to empowering women. From my early days at NED to where I am now, every step of my journey has been shaped by the incredible experiences, relationships, and lessons that NED gifted me.

Celebrating 100 years of excellence, NED University has stood as a beacon of quality education and innovation. The centenary milestone is a testament to the institution's enduring legacy of producing world-class engineers and professionals who have made significant contributions across the globe.

To current and aspiring NEDians, remember that hard work, perseverance, and a willingness to learn are the keys to success. Use your time at NED not just to excel academically but to build a network, explore your interests, and push the boundaries of your potential. The lessons you learn here will carry you far in life.

In addition, as a woman in engineering, especially in male-dominated fields like aviation and railways, I've faced my share of challenges. However, I believe every hurdle is an opportunity to grow. My advice to women engineers is this: never let societal expectations or stereotypes define your capabilities. Seek out mentors, build your network, and don't hesitate to claim your space at the table.

The future of engineering needs diverse voices and perspectives, and women bring invaluable insights to the field. Whether it's introducing innovative solutions, navigating the complexities of project management, or finding balance between motherhood and career, we have the strength to excel. Remember, it's not just about breaking barriers, it's about paving the way for the women who come after us.

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Muhammad Asim Siddiqui

Batch:	2006-2007
Degree:	B.E.
Discipline:	Automotive Engineering
Current Organization:	Nissan Middle East
Designation:	Deputy General Manager
Past Organizations & Designations:	Toyota Pakistan – Quality Engineer



My Dear Fellow NEDian, before I share my part of the story with you. I would like to remind you of the sheer gratitude that we should offer towards Allah Almighty and towards our parents and family members. Because of





the creator's blessings and because of our parents' endless efforts, we are all here in this prestigious institute and are able to be part of something big, whether it's now or in future.

I am proud to be an Automotive Engineer from the Golden Batch of 2006–09, a milestone period when Automotive Engineering was introduced in Pakistan by NED University. Becoming an Automotive Engineer was a childhood passion of mine—a dream I inherited from my father, and one I hoped to pursue even more professionally by following in his footsteps. NED University gave me that opportunity. Like many of us who came from middle-class or even lower-income backgrounds, I truly believe that it was Allah's blessings and our parents' prayers that paved the way for us. Back in 2006, our entire department was new—teachers, facilitators, buildings, and labs were all just taking shape. It felt like two sides of a coin: there was immense passion, but limited hands-on experience. Still, we began this journey together. And for me, it turned out to be far more rewarding than I could have ever imagined.

My first job was with Toyota Indus Motors Karachi, Pakistan. If I remember correctly, they hired almost 30 students from NED from different engineering backgrounds as a graduate trainee. But they took 10 from Automotive Engineering, the highest from a single field. I was among them. Indeed, Automotive Industries trusted this New Engineering / Technology introduction by NED and I do think that Automotive NEDians did / are doing their best.

I worked with Toyota for two years, after which I was headhunted by Nissan Middle East—the Regional Headquarters for Nissan Corporation covering Africa, the Middle East, and Asia. Without a doubt, it is Allah's blessing, my parents' hard work, my siblings' prayers, and the support of friends during our studies that have helped shape who I am today.

Technology is evolving at a rapid pace, and I believe it is our duty—as fellow NEDians—to gear up and support our institute, which has just completed a century of excellence. NEDians, not only within Pakistan but across the globe, should share the latest developments in industry and technology. By coming together, we can help our alma mater become even more prepared to meet the demands of both the present and the future.

I can understand that sometimes we see things differently and cannot gauge the importance in the current frame of time. What I truly believe is that hard work with pure intentions is of vital importance to unlock that frame. Trust Almighty for the next step. Apart from the Engineering Studies that NED University equip us with, it's of pivotal importance to do self-learning on Interpersonal Skills like Minute Presentations, Board Communications, One Pagers Report, Defense Arguments and raise awareness and strength on Quotient Spectrum i.e. AQ, CQ, EQ, IQ, SQ.

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Wahaj Bin Jamal

Batch:	2007-08
Degree:	B.E.
Discipline:	Polymer & Petrochemical Engineering
Current Organization:	Fine Daily (Pvt.) Ltd.
Designation:	Site Manager



As I reflect on my time at NED University, I am filled with a sense of nostalgia and gratitude. Pursuing a Bachelor of Engineering in Polymer & Petrochemical, I had the privilege of being part of the first batch of the department,





Reflections

which not only presented its own set of challenges but also created a unique bond among themselves. The teachers, who played a pivotal role in shaping our academic and personal growth, created an environment that felt more like a family and home to us. Their guidance, mentorship, and unwavering support helped us navigate the intricacies of the field and instilled in us a sense of confidence and purpose.

Outside of the classroom, the gymnasium became a hub for camaraderie and friendship, where I spent countless hours with my classmates, sharing laughs, and memories that I will cherish forever. Looking back, I realize that

NED University was more than just an institution - it was a transformative experience that shaped me into the person I am today, and for that, I will always be grateful.

NED University, my esteemed Alma mater, has played a pivotal role in shaping my professional career, empowering me to progress and prosper rapidly in industry. The solid foundation in engineering and technology that I acquired during my time at NED, coupled with the university's emphasis on innovation, critical thinking, and problem-solving, has enabled me to stay ahead of the curve and adapt to the ever-evolving demands of the manufacturing sector.

As a testament to the university's impact on my career, I have been fortunate enough to achieve a series of promotions, culminating in my current title as Factory Manager, a role that I am proud to hold and one that I owe, in no small part, to the exceptional education and training I received at NED University.

As NED University of Engineering and Technology celebrates its centennial anniversary, it stands as a testament to a century of excellence, innovation, and nation-building. Established in 1921, NED has evolved into a premier institution of higher learning, producing generations of engineers, technologists, and leaders who have shaped the country's development. As it embarks on its next century, NED remains committed to its founding principles, driving progress, and transforming lives through education, innovation, and collaboration.

As you embark on this exciting journey at NED University, remember that these years are a transformative opportunity to learn, grow, and shape your future. Make the most of your time by embracing new experiences, developing innovative skills, and pushing beyond your limits. But most importantly, never forget the people who will guide and mentor you along the way - your teachers.

They are the guardians of knowledge, the spark that ignites curiosity, and the catalysts for your success. Always respect, appreciate, and learn from them, for they are the key to unlocking your true potential. The world needs talented, skilled, and compassionate individuals like you, and NED University is the perfect place to nurture those qualities. Make us proud and make the most of your time here!

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Waqas Sualeheen

Batch: 2007-08
Degree: B.E.
Discipline: Metallurgical Engineering
Current Organization: Aisha Steel Mills Limited
Designation: Manager Production & Operations



My journey at NED University was where it all began. The rigorous curriculum, skilled faculty, and hands-on projects gave me the skills to tackle real-world challenges. Frequent industrial visits added practical insights that helped shape my professional growth.

The annual system, where exams felt like a never-ending saga! While it tested our patience and time management skills, it also taught us the value of persistence and how to handle pressure (with just a bit of last-minute cramming thrown in).

At NED, I learned to think critically, solve problems creatively, and work collaboratively. The friendships and mentorships I gained continue to inspire me today. NED University will always be a significant chapter in my life, one that shaped me into who I am today.

NED University equipped me with the technical foundation and resilience essential for success in the industrial world. It taught me to approach challenges with curiosity, determination, and a problem-solving mindset—values that continue to guide me throughout my career. The experiences I gained at NED, particularly in applying engineering principles to real-world problems, provided the groundwork for my contributions across various industries.

To the students of NED, Education is not just about earning grades or securing a job; it's about gaining knowledge, skills, and perspectives that shape us into better individuals. The value of education goes beyond wealth—it's the acknowledgement and respect you earn from your hard work, dedication, and intellectual growth that truly matter in life. Let's continue to educate ourselves with passion, curiosity, and determination. The rewards of knowledge are far greater than material wealth. Stay focused, stay driven, and remember that your education today here at NED will pave the way for a future where you are valued for your intellect, character, and contributions.

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Kehkashan Kanwal

Batch: 2008-09
Degree: B.E.
Discipline: Biomedical Engineering
Current Organization: College of Speech, Language, and Hearing Sciences, Ziauddin University
Designation: Assistant Professor



I applied to NEDUET as a Biology major, so the odds of getting into my dream department (Medical Engineering) were not great. Back then, NED had two separate streams in the Department of Biomedical





Reflections

Engineering, and I was interested in one. Fortunately, I was among the top few students on the merit list and got one of the six reserved seats on merit for pre-medical students. As a pre-med student, getting the hang of Math was a struggle. The Biomedical Engineering degree for our batch was 5 years long, and we were offered a 4-credit-hour Math course in our foundation year. Our Math teacher, Sir Noman later told us he took our batch as a challenge as he used to hear in faculty meetings that premedical students cannot do well in core engineering subjects in later years. He even taught us during summer break, and as a result, by our third year, our teachers would be amazed when we told them that we were Biology majors. I owe my math and analytical skills to Sir Noman's hard work with us. Our Batch did the first two years (F.E & S.E) as an annual system where we had exams once each year for all 11 subjects. For the last three years (T.E., PE, and BE), we had a term system where we had exams once in six months.

I was lucky to get exceptionally talented and empathetic teachers in my first two years, like Ms. Suhela Sajjad, Ms. Urooj, Ms. Musferah Rehan, Ms. Maria, Sir Abul Hasan, Sir Haider, Sir Riaz and our Chairman (who later became our dean) Ms. Neelofur Master. All of them deeply impacted me both personally and professionally, and played a critical role in my achievements as an Engineer.

For our final year project, I was lucky to have Dr. Ali Raza Jafri and Sir Saad Abdullah (now Dr. Saad Abdullah) as supervisors. We were not only able to get funding for our project but also successfully presented it at a few exhibitions and wrote a conference paper that was published in IEEE Xplore and is yet the most cited paper among my other research papers that I did in the following years. Now with an M. Engg in Mechatronics Engineering and a PhD in Electrical Engineering under full scholarship, I cannot believe how far I have come.

Although NED is the oldest and most prestigious engineering institute in Pakistan, recognized all over the world, the students currently enrolled and future should realize the competition they now have. Dr. Ali Raza Jafri used to ask us who we thought was a good Engineer. He proceeded to tell us; a good engineer is not someone who knows everything. A good engineer knows how to efficiently use the resources available. NED still has excellent teachers

and excellent management who are striving to provide excellent resources, but the students need to work very hard not only on the technical skills, but soft skills. The world is getting very competitive, and although we are proud to be NEDians, the struggles don't end with the mere admission into NED.

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Rameez Nasir

Batch:	2008-09
Degree:	B.E
Discipline:	Polymer & Petrochemical
Current Organization:	Electro polymers Pvt. Ltd.
Designation:	Vice President (Operations)
Past Organizations & Designations:	Karachi University Business School (Visiting faculty member)



NED was more than just a chapter in my educational journey – it was a catalyst that ignited a lifelong passion for learning, innovation, and leadership. As I reflect on my time leading the Society of Polymer and Petrochemical Engineers, I am reminded of the invaluable lessons I learned about collaboration, creativity, and perseverance.





NED's dynamic ecosystem not only nurtured my intellectual curiosity but also empowered me to turn my vision into reality, setting me on a trajectory of growth, exploration, and achievement.

As NED reaches its centennial milestone, we honor the unbroken thread of innovation and excellence that weaves together generations of visionary engineers. Today, we celebrate not only the institution's remarkable past but also the boundless potential of its future. May the next century of NED's journey be marked by an unwavering pursuit of knowledge, a passion for creativity, and a commitment to shaping a better world for all.

"As NEDians, we are the architects of our destiny. We are the bridge between imagination and innovation, between challenge and solution. Let us harness the power of our collective brilliance, fuel our passions with purpose, and create a world where creativity knows no bounds, and progress has no limits."

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Saif Ul Islam

Batch:	2009-10
Degree:	B.E.
Discipline:	Metallurgical Engineering
Position:	Business Engineering Head
Organization:	Khan Brothers



Being an engineer from NED University has always been an aspiration for me. I graduated in 2013 with a 1st division 61% from the Metallurgical Engineering class. My experience of working with notable international Air-conditioning companies has led me today to the position of Business Engineering Head in a leading HVAC

organization. I had established a contracting firm that was later handed over to one of my partners with a market share of 40% in the initial first three years and an annual turnover from 0.3 million to 10.5 million.

It was a privilege for me to hold my first job while having 3 backlogs that were cleared later on. I later switched my career to project management and did my masters in the same field from SZABIST Islamabad. Onwards, during the career of a decade, I got a chance to represent Pakistan at SOUTH KOREA in 2019 at a global training program for which I was nominated upon successfully bringing a 100 million RS business for LG in Pakistan related to air conditioning. I am also a master trainer for Software project management and Central air conditioning. One of my training programs is approved by a USA vocational training institute for AC works.

My best memories are during my student era, including working with a right-wing organization in the university, which has groomed my skills and also gave me enough courage to look at a broader perspective. My only message to youngsters is work hard, either sick or faint!!!





Bizat Abrar

Batch: 2010-11
Discipline: Materials Engineering
Degree: B.E.
Current Organization: GSK
Designation: Regional Industrial Hygiene & Ergonomics Manager



My journey has been one of growth, learning, and a commitment to making workplaces safer and healthier. I started my career after earning a Bachelor's degree in Materials Engineering from NED University, a foundation that equipped me with problem-solving skills and an analytical mindset.

Currently, I serve as the Regional Industrial Hygiene and Ergonomics Manager for GSK, overseeing operations in the Middle East and Africa region, including India and Japan. This role has allowed me to lead initiatives that improve workplace ergonomics and hygiene, ensuring compliance with international standards and enhancing employee well-being.

Before taking on my regional role, I gained hands-on experience as an EHS Officer & Hygiene & Sustainability Executive at GSK's Karachi sites, focusing on Environmental Health and Safety measures. This included monitoring hazardous substances, conducting risk assessments, and driving sustainability initiatives. Each position has added to my understanding of workplace safety and operational excellence.

The opportunity to work in diverse environments and with cross-functional teams has strengthened my ability to manage challenges and innovate solutions for complex issues.

During my career, I have achieved certifications that reflect my dedication to excellence in occupational hygiene and ergonomics. These include Orange Belt, which equipped me with skills to drive process improvements. One of my proudest moments was achieving the certification of the International Certificate in Occupational Hygiene from the British Occupational Hygiene Society (BOHS). These accomplishments underscore my commitment to maintaining high standards and continuously enhancing my professional capabilities.

Looking back, my time at NED University played a pivotal role in shaping my career. The rigorous academic environment prepared me to take on the challenges of the professional world with confidence and resilience.

As I look to the future, my vision is to expand the impact of occupational hygiene and health and safety practices across industries. I firmly believe that every workplace has the potential to be a healthier, safer space, and I am committed to driving this transformation through innovation and collaboration.

Mentoring has been a meaningful part of my professional journey. At GSK, I've had the opportunity to guide colleagues, fostering a culture of learning and teamwork. Sharing knowledge and supporting others' growth has been one of the most rewarding aspects of my career.





Asma Abrar

Batch: 2010-11
Degree: B.E.
Discipline: Biomedical Engineering
Current Organization: The Aga Khan University Hospital
Designation: Engineer



How can I forget the day when my dream of getting admission in one of the prestigious universities came true! It was one of the best days of my life when I saw my name on the list of successful candidates. There are so many other memories from my time that include my friends and my great teachers at NED University. It holds a special place in my heart and will remain a symbol of pride for me. It has been almost 8 years since I graduated from NED.

Wishing the best of luck to my university, its faculty, staff, and students on completing 100 years of excellence. It is among the few universities in the country that holds academic excellence and delivers quality education.

Working with science and technology was a great fascination for me during my school days. Since then, I started searching for the best engineering universities in Pakistan, and then I got to know about NED University. Later, I heard stories from my acquaintances regarding NED, and then it became my dream to study at NED. I got admission in Biomedical Engineering (Bio stream) in 2010. It was the first step toward my career goals. Soon after my graduation, I got hired as a Trainee Biomedical at the Aga Khan University Hospital.

During my traineeship period, I felt the need to update myself with advanced technology and knowledge. Hence, I decided to do a Master's in engineering (Biomedical) from NED University. I completed my Master's in November 2019, and it helped me to excel in my job.

Based on my Master's thesis, I also got selected for a funded research internship program at the University of Rostock, Germany. I worked as a researcher for four weeks and learned new techniques in biomedical engineering that I could apply in my career development. I cannot forget the contributions of NED University, my teachers, and seniors at NED in my career development. It was a building block in my professional advancement.

My advice to you at NED is to dream big, do your part and always try to create a difference by what you do.

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Wali Ahsan

Batch: 2010-11
Degree: B.E.
Discipline: Chemical Engineering
Current Organization: LOTTE Chemical Pakistan Limited
Designation: Process Engineering Manager



My time at NED University was instrumental in shaping my professional and personal identity. The challenging academic environment and support from peers and professors provided a strong foundation that has guided me through my career.



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I still recall the camaraderie among peers during group projects, where we tackled complex engineering problems together. This spirit of collaboration has stayed with me and continues to influence my approach to leadership and teamwork.

In my professional journey, I have been fortunate to work on impactful projects and lead exceptional teams. Every challenge I faced was an opportunity to learn and grow, and I carry these lessons with me every day.

NED University laid the groundwork for my career in chemical engineering. It instilled in me a sense of discipline, curiosity, and resilience that have been crucial in navigating the demanding petrochemical industry. The education system has evolved significantly since my time at NED, with technology transforming how students learn. However, the core values of perseverance and critical thinking remain timeless. These are the values that define an NED graduate.

As NED University celebrates 100 years of excellence, I am filled with immense pride to be part of its legacy. This centenary is a milestone that reflects the university's enduring commitment to producing world-class engineers and leaders.

NED has been more than just an institution; it has been a beacon of knowledge and progress for generations. Let us honor this legacy by continuing to uphold the values of innovation, resilience, and community service.

To all students, faculty, and alumni: let us work together to ensure that NED's next century is even more impactful, inspiring, and transformative.

To the newcomers at NED: "Embrace the challenges and opportunities that come your way. The friendships you build and the lessons you learn here will serve as the cornerstone of your journey. Always aim to contribute positively to your field and society."

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Rabia Ghani

Batch:	2010-11
Discipline:	Electrical Engineering
Degree:	B.E.
Current Organization:	AMEA region at Signify (Philips)
Designation:	Service Delivery Manager



2010 was the year I got my admission in NED University of Engineering & Technology. I still remember the day I gave the admission test, and my father was more nervous than I was.

I was about to be the first female engineer of our immediate and extended family. It has been 11 years since I graduated, and it still feels like just yesterday. All the memories of the lectures, friends, canteens, and library are just right there, and nothing has ever blurred.





Reflections

In 2010, this department was the first one to close admissions with the last percentage being 86, which means that every student had equal or higher than 86% in their intermediate examination results. This was crazy!

I was a semi-professional field hockey player, starting to play as young as a 6th grader. By the time I applied for NEDUET, I was already playing for the Karachi and Sindh teams. My sports achievement took me to Electrical Engineering – parents, reading this, would not believe me, but it is true. I applied under the R-11 category of Outstanding Sportsperson, the best decision of my life.

Honestly, studying for me during the first 2 years was hard. Everyone who tells you engineering is tough, it actually is. A lot of times during these 2 years, I did think to myself that maybe this is not for me, as I

felt I would not be able to balance studies and sports. But eventually I did. The faculty had always been very supportive, and the sports department at NEDUET was always there to support and appreciate.

In 2012, I took part in a Photography contest organized by the students and got a chance to join the NED Photography Society as a Reporter/Blogger. NEDUET has a huge campus, and the covered area is as large as a town. Every department had their events, competitions and celebrations. My responsibility was to cover them through my writing and photographs by attending them.

As time passed, I learnt how to balance all that I wanted to do along with my studies. Believe it or not, my CGPA improved as I moved towards my final year. These 4 years taught me time management and helped me manage responsibilities.

Currently, I am a Service Delivery Manager for AMEA region at Signify (Philips Lighting). Studying at NEDUET has led me to experience places which I could not have – manufacturing of Survey vessel of

Navy in China, operations of after-sales support in Malaysia, home of Philips Lighting Eindhoven in the Netherlands. I look forward to creating more beautiful memories in my journey as an Engineer.

"The engineer has been, and is, a maker of history." – James Kip Finch

Naqash Nisar

Batch:	2010-11
Discipline:	Materials Engineering
Degree:	B.E.
Current Organization:	Human Rights G.O.S
Designation:	Senior Associate



It was the first week, the first working day of 2011—my first day at NED University. I stepped into the Materials Engineering Department, which was located right across from the NED Masjid (which, by the way, didn't even





Reflections

have a proper ground back then). I was excited, nervous, and completely clueless about what lay ahead. Around 9:30 AM, as I was trying hard to focus on the lecture, thinking “*Why Materials Engineering?*”, a white Cultus pulled up near the front gate. Out stepped one of the greatest of all time—our honorable Vice Chancellor, Abul Kalam Sb. He walked straight into our classroom and welcomed us with his golden words: “Time is money.” I had no idea at that moment that this single sentence would ring in my memory for the rest of my life. Today, whenever I give lectures at different universities or speak at seminars, I proudly quote his words.

NED isn’t just a university—it’s a transformation machine. You enter as a carefree teenager who can’t tell the difference between an assignment and a last-minute copy-paste emergency (shoutout to Ali Bhai and the Nizami Photostat canteen for their tireless support of backbenchers in crunch time), and you leave as a stressed-out professional somehow surviving on chai and existential crisis.

One thing I will say, though—NED doesn’t just give you knowledge; it drills it into you. The gap between theory and practice? Practically non-existent! Our professors were absolute geniuses (some with a *unique* teaching style,

Sir Azam from the ME Department and Sir Mujtaba). We studied under top-tier Ph.D. scholars, and despite their brilliance, we somehow still managed to test their patience, like when we played songs in class. Because really, what’s a university lecture without some unauthorized background music? “*Ab to aadat si hai jeene mein...*”

Now, don’t get me wrong NED is an amazing place for education, but let’s be honest, no one survives NED just by studying! If I had spent all my time buried in books, I would’ve missed out on some of the wildest, most chaotic, and unforgettable moments of my life.

I was the self-proclaimed social butterfly of my batch (professional dosti-maker), and by my final year in 2014, I had somehow found myself in charge of some of the biggest events on campus. From the Annual Grand Mela Spring Festival to Sentec, Mushaira, Debating Competitions, and a dozen other events that I can’t even remember now, I was in the thick of it all. Of course, handling university events wasn’t exactly a walk in the park. I still remember getting a late-night call before one of the festivals from a certain political party: “*Suna hai ganay challenge festival main?*” And before I could even process that, I got another call from the opposing party, reassuring

me: “Don’t worry bhai, hum *dekh lenge!*” At that moment, I realized I wasn’t just an event organizer. I was practically a peace negotiator. But my favorite part? Girls from other universities trying to sneak in. It was like a scene from an action movie, jumping barriers, distracting security, pretending to be lost exchange students. Their determination was truly admirable; *bas jagah mil jaaye, andar ghussne ki kahin se bhe kidhar se bhe* “And then there were the mystery callers. Out of nowhere, I’d get messages from “long-lost friends” people I’d never met pleading to let their “cousins” or “friends” into the event. But hats off to NED Security Chief, Jamal Sb (a.k.a. “Gangster”) the man was untouchable. No matter how hard people tried, no one could break his ironclad security system. If you saw Jamal Sb standing at the entrance, you knew your fake “cousin” plan was officially dead.

Looking back, NED wasn’t just about engineering, it was about learning to handle pressure, negotiate with impossible people, and survive absolute madness. And honestly? I wouldn’t change a thing.

Now, let’s talk about the *real* highlight of university life—food. I had an elite squad of 15–20 hungry boys, and our breakfast sessions were nothing short of sacred rituals. *Halwa puri, kachori, lassi*, and of course, the legendary kabab paratha from the NEDEA Canteen—pure joy! Fast forward to today—we visited NED, only to find out that our beloved canteen no longer exists. And yes, who can forget Mech ka Zinger Roll, the Rangers Canteen (aka the boys-only spot), and of course, the GCR. I still remember when the Hotel Canteen was newly built, serving shakes





and chaat. *Yummm*. If you've ever felt true heartbreak, trust me—it doesn't compare to discovering your favorite food spots are gone.

To all the new NEDians brace yourselves! NED will test your patience, your sleep schedule, and your ability to function on 4 hours of sleep. You'll laugh, cry, stress over assignments, and possibly consider running away but when you look back, you'll miss every second of it (even the 8 AM lectures that felt like medieval torture). Oh! And if kabab paratha is still available, NEVER take it for granted!

Graduation from NED University wasn't the end of my learning, it was just the beginning of real life. As I stepped into the professional world and started appearing for job interviews, I had a revelation: almost every management engineer I met was an NED graduate! That's when I truly realized the power of being a part of the NED family. No matter which industry I explored, pharmaceutical, mechanical, supply chain, or any other field, there was always a fellow NEDian present. And that's the beauty of it! This network didn't just help me grow professionally; it became my support system, making the transition from student life to corporate life much smoother.

But the impact of NED isn't limited to Pakistan alone. It stretches across the globe, with strong alumni chapters in Canada, the US, the UK, Australia, and Germany. When I moved to Germany for my Master's degree, I was pleasantly surprised to find a whole community of NED graduates who made sure I didn't feel alone. They guided me, helped me settle in, and proved that NEDians stick together, no matter where they are.

After a few years in the corporate world, I realized something interesting: I was good at communication and problem-solving. I loved helping people, understanding their issues, and finding solutions. That's when I made a bold career switch from engineering to law because, let's face it, the world is slowly turning lawless, and someone needs to make sense of it!

I enrolled at the University of London to study law, and guess what? Even there, I met fellow NEDians who, just like me, had transitioned from engineering to law. It was fascinating to see how the NED mindset, analytical, structured, and solution-driven, helped us in completely different fields.

One thing I have learned from my journey is that engineering isn't just about machines; it's also about people. We can design, build, and maintain entire plants full of machines, but what about the laws and regulations that govern these industries? What about the business strategies that keep these industries alive?

That's why I strongly urge NED University and HEC to introduce basic-level courses on business, company law, manufacturing regulations, and intellectual property. These subjects are crucial in today's world, and having this knowledge early on can open countless doors for students in both engineering and beyond.

NED has already given me a strong foundation, a lifelong network, and the confidence to adapt and grow, but with the right additions to its curriculum, it can equip future students even better for the ever-changing global market. As someone who has walked the halls of NED University, I can confidently say that you are now part of something bigger than just an institution—you are entering a legacy of brilliance, resilience, and transformation.

NED is more than just a university; it is a training ground for life itself. It will push you to your limits, make you question everything, and challenge you in ways you never expected. But trust me, that's the beauty of it! Never stop asking questions. If you fail, don't dwell on it, stand up, dust yourself off, and start over. That's what life at NED teaches you: persistence and grit.





During my time at NED, I learned that knowledge isn't just in textbooks; it's in the conversations you have, the mistakes you make, and the challenges you overcome. The friendships you build here will last a lifetime, and the lessons you learn will shape your career and character.

Most importantly, stay humble, stay curious, and keep your senses open. Observe, absorb, and adapt. You are part of a community that extends across industries and even across borders. Whether you pursue engineering, business, or even law like I did, the NED spirit will always be with you.

Welcome to the NED family, where dreams are built, challenges are embraced, and success is inevitable.

Syeda Wajiha Zaidi

Batch: 2011-12
Discipline: Biomedical Engineering
Degree: B.E.
Past Organizations & Designations: Technical Administrative Officer –
Biomedical Engg., YAS Clinic Group, UAE



NED University has played a central role in my personal and professional development. During my Bachelor's and Master's in Biomedical Engineering degrees at the University, I was educated on the significance of discipline and work ethics on top of the comprehensive engineering curriculum. My journey was profound and enlightening.

Looking back, I feel that my time at NED was incredible, albeit not without challenges. My eagerness to learn and steadfastness when facing obstacles allowed me to accomplish many of my goals. In the four years of my undergraduate degree, I had already interned at Pakistan's three premier medical institutions. Real-world experiences during my internships at the National Institute of Cardiovascular Diseases (NICVD), Aga Khan University Hospital (AKUH) and Dow University Hospital Ojha Campus facilitated my professional career.

The highlight of my academics was my Final Year Project titled 'Finite Element Modeling of Tibiofemoral Joint'. This research project, under the guidance of my exceptional supervisors, enabled us to not just compete but win accolades for the university. Our research paper was accepted for publication at the International Mechanical Engineering Congress and Exposition in Phoenix, Arizona, sponsored by ASME, even before the final year presentation of my undergraduate degree. Moreover, in the competition held at NED University, my team secured the best 'Poster and Project' award out of 45 projects presented from all over Pakistan. Subsequently, we participated in DUHS-DICE Health Innovation Competition in 2015 and were again commended for our research by Prof. Masood Hameed Khan, Vice Chancellor, Dow University of Health Sciences, among other notable figures. I also had the honor of presenting our project to the Governor of Sindh, Dr. Ishratul Ibad at the Governor House.

NED University provided us with the opportunity to build interpersonal skills through extracurricular activities and non-academic responsibilities. I fondly remember my time as the Class Representative for two consecutive years, which taught me useful management skills. Additionally, I was actively involved in student-led events such as participation in the First Pakistan International Biophysics Symposium, organizing Spring Festival, the Annual Dinner and volunteering at events by Mosaic Society and ASME NEDUET.

I believe that due to a healthy mix of academic and non-academic activities, NED University produces well-rounded





Reflections

engineers. This has positively impacted our lives and careers after graduating from the University. I was fortunate to clear an incredibly competitive test and interview session at Aga Khan University Hospital and secured the position of Trainee Biomedical Engineering, which was an eighteen-month extensive program leading to a job. I also served as a Technical Business Support Analyst at Good Faith Health Services. Later, I moved to Abu Dhabi and secured the position of Technical Administrative Officer – Biomedical Engineering at Yas Clinic Group – ASCO Holdings. This new venture allowed me to experience new aspects of the healthcare industry, where I was part of hospital handovers, medical equipment inventory, and maintenance strategy, stem cell center setup, GMP Lab design and construction.

As a proud alumna, I would extend my heartfelt congratulations to NED University of Engineering and Technology on the Centenary celebrations. I am delighted to be a part of this prestigious institution. My message to the newcomers will be to make the most out of this wonderful academic experience offered at NED University in the form of distinguished researchers, supportive faculty, and exceptional opportunities.

Muhammad Fahad

Batch: 2013-14
Degree: B.S.
Discipline: Industrial Chemistry



Back in 2013, my university journey began with me being a bit shy and uncertain. I was part of the very first batch of Industrial Chemistry students at NED University of Engineering and Technology in Karachi. Like everyone else, I was very nervous and overwhelmed by this new chapter. I met a fantastic group of people. These people became my closest friends, and we are still inseparable today. We supported each other through thick and thin, facing life's challenges together. We laughed together, had our disagreements, but one thing was certain – we always had each other's backs. Our time together in university was filled with fun memories and life lessons, setting the stage for what lay ahead.

The year 2017 marked a pivotal point in my life, as I stood at the crossroads of uncertainty. I was part of the inaugural batch of Industrial Chemistry students at NED University of Engineering and Technology in Karachi. It was an exciting but bewildering journey. None of us knew where our degrees would take us, what industries we would venture into, or whether we would even secure employment. Those four years of study were filled with more questions than answers.

Upon graduation, my classmates and I embarked on diverse paths. Some ventured into fields like textiles, paper, packaging, and paints, each carving their unique career trajectories. However, a significant portion of us, including myself, found our calling in the pharmaceutical sector. In 2018, I began my professional journey as a Quality Control Analyst at "Getz Pharma Pvt. Ltd," one of Pakistan's most esteemed pharmaceutical companies. Fast forward five years, I proudly hold the position of Assistant Manager in Quality Control.

To the young undergraduate students standing on the threshold of their academic and professional journeys, I offer this advice: Embrace the uncertainty that lies ahead. The future is a mysterious landscape, and it is perfectly normal not to have all the answers. Rather than succumbing to worry, live in the present. Live each day to the fullest, for life often takes unexpected turns that lead to remarkable destinations. Trust that a higher plan is at work, and sometimes, the most beautiful paths are those we never anticipated.





Saarah Rasheed

Batch: 2013-14
Degree: B.S.
Discipline: Computational Finance



Computational Finance had been a life-changing experience. From the very first day of being the very first batch, it had been a curious journey. When you have nothing to lose, I think that is when you give it your all. We were new, the industry was unaware of our capabilities, and we were all together figuring it out. It compelled us all to give our best, to try our hardest, to carve out our paths where they did not exist. Along the way, I met some of the most amazing individuals, made great friends and was taught by deeply knowledgeable teachers. The collective experience with my classmates was unparalleled; we celebrated some of the most random little things and had so many shared experiences throughout our bachelor's degree. Thinking back about it now, half a decade later from when the first batch graduated, the growth of the department, the program, and its graduates has been tremendous and noteworthy. From top banks, audit firms, NBFCs and MNCs, nationally and internationally, our graduates have made their mark already. And the most exciting part is that it is only just the beginning! There are so many more wins to witness and so many more success stories to hear about.

Years back, I remember reading an article on how to invest in skills that complement each other and to opt for skills that work well across different domains. That notion stuck with me, and I managed to achieve just that; a quantitative degree led to love for logic and quantification, side hustles led to business understanding and practicality, product management inculcated user empathy and a knack for constant improvement, and finally, tech

savviness gave the ability to bring it all together. What you get from this journey is a curated set of skills that enables one to traverse through a variety of different settings. Your problem-solving skills are on a different tier

entirely. So, if there is some advice to give here, it's this: Focus on building highly transferable skills. It will make sense retrospectively. Play on your strengths. You will learn to see adversities as opportunities.

Sadiya Jamal

Batch: 2013-14
Degree: B.S.
Discipline: Applied Physics
Current Organization: Freie Universität, Berlin
Designation: Scholar, MS in Physics



Unlike most people, coming to NED was not a dream for me. Primarily because I did not want to become an engineer. I thoroughly enjoyed problem-solving and was intrigued immensely by the practical applications of physics during my high school studies, and hence, I wanted to become a physicist. So, while I was doing my university applications, NED was by default not on the list, since it did not offer any undergraduate degree program in Physics till that time. But to my surprise, NED started offering a BS in Applied Physics degree in the same year! Having been born and lived in Karachi, it was the most convenient path for me to opt for, and now that my dream degree program was also being offered, I decided to pursue





Reflections

it. And just like that, my journey at NED began in a purely coincidental manner. I started my undergraduate degree in Applied Physics with a lot of zeal to explore the depth and breadth of this field. I was hungry to explore the field and learn as much as I could. Little had I known that the four years to come would teach me a lot, not just about physics but about life in general.

When I look back at my time spent at NED, I have a feeling of mixed emotions; bittersweet memories are gelled with some lessons for a lifetime. There were days when I thought that being an NEDian was just not my cup of tea, and I would rethink my decision of being there. However, with time and with the company of some great friends and the support of some extraordinary teachers, things started to become better, and I started to like NED. I excelled at my studies, actively took part in some societies and made friends with not just my peers but also with some amazing teachers! As a result of the continuous efforts of the department, we were offered a research thesis in collaboration with SUPARCO as our FYP, which proved to be of immense importance to date.

Moreover, being the first batch, we were able to influence the overall structure of the program and developed strong connections with the faculty, which proved to be extremely fruitful in the long run. Eventually, I graduated from NED in 2017 with a distinction. After having worked in the development/education sector in Pakistan for about four years, I am currently pursuing a graduate research degree in Physics in Germany. From writing recommendation letters for me to motivating me to continue striving for my career, my teachers at NED have supported me a lot. Learning and experiences at NED helped me in several ways and I am grateful for it.

I am aware that there might be things about NED that we don't like, some lacking that we might complain about, but one thing is for sure that NED is striving to meet the high quality of education with limited resources at its disposal. Although it would take a lot of effort to meet the international standards, we must not forget to acknowledge the hard work that goes into running NED successfully and be grateful for being a part of its living legacy.

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Muhammad Faizan Younus

Batch: 2014-15
Degree: B.S.
Discipline: Industrial Chemistry



I still remember my first day at this prestigious institution. At that time, I couldn't even imagine the amount of learning I would get during those four years, even though I had some sort of idea about university life, but living those fruitful years will always remain unforgettable.

I have always been an underdog who had no idea that he would get admission to such an extraordinary place. Apart from academics, it groomed me to such an extent that I managed to excel during my early years in the industry with the unmatched support of my bosses.

Currently, I am serving as an Assistant Manager, Compliance & QMS Champion at GSK Pakistan Limited, and I am lucky enough to have completed this journey and worked for three multinational companies, including Abbott laboratories, Sanofi Aventis and GSK.

Thanks a lot for giving me the opportunity to be a part of this Alumni diary.





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My advice to juniors; Good luck! on your journey to becoming a degree holder. Take it one step at a time, make wise choices, and study hard. You're going to do great! Wishing you all the best during your time at NED—it will go by fast, but you're going to do amazing.

Maheen Arif

Batch:	2015-2016
Degree:	B.S.
Discipline:	Development Studies
Current Organization:	HomeNet Pakistan
Designation:	Provincial Coordinator
Past Organizations & Designations:	Research Associate at KUL, IBA



My name is Maheen, and I am currently working as a Provincial Coordinator at HomeNet Pakistan. I hold a bachelor's degree in Development Studies from NED University, where I was part of the second batch in this discipline.

I vividly remember my admission process at NED. With my percentage in the 70s, my chances of securing a spot in an engineering department were slim. However, my dream was to be associated with NED, and I was determined to find a way. After considering the options available at the time, I took a leap of faith and chose Development Studies, despite knowing that this department was located at the City Campus in Saddar.

When I joined, I had little knowledge about the social sector and its workings. However, my time in Development Studies taught me invaluable lessons about life and society. This field helped me develop a sense of balance and

understand what is right and wrong within our social fabric. I believe Development Studies is one of the most vibrant and enriching disciplines, offering insights into the colors of society and equipping us to navigate its challenges.

One of my most memorable experiences was during my first year. Being an introverted person, I wasn't comfortable with socializing, and one of my core subjects was Communication Skills. Despite my hard work, I struggled with this subject. I still remember when my Communication Skills teacher called me after an exam and advised me to work harder, as I had scored just 12 out of 20. That day, I cried, realizing that I lacked such a fundamental skill.

However, that moment became a turning point for me. From then onward, my journey in Development Studies not only improved my communication skills but also shaped my personality and professional abilities. Today, as a Provincial Coordinator at an NGO, I apply the lessons and values I learned during my time at NED every single day.

NED University played a transformative role in shaping my life and career. As a graduate of Development Studies, I gained a deep understanding of the societal challenges and opportunities that surround us. The program not only broadened my perspective on social issues but also equipped me with the tools to advocate for change, analyze complex problems, and implement solutions effectively. This knowledge has been instrumental in my professional journey, where I work to promote the rights and welfare of marginalized communities. NED provided me with a platform to develop critical thinking, resilience, and leadership skills, which continue to guide me in my career and personal life.





Reflections

Whereas, Education in the past focused heavily on theoretical knowledge, rote learning, and discipline within structured boundaries. While it provided a strong foundation, it often lacked the flexibility to address real-world challenges. In contrast, today's education emphasizes practical application, innovation, and interdisciplinary approaches, as I experienced in the Development Studies program. Modern education, especially in fields like

Development Studies, incorporates research, fieldwork, and community engagement to prepare students for societal impact. This shift from a purely academic approach to a more holistic and hands-on experience has made education more relevant and impactful in addressing contemporary issues.

The centenary of NED University (1921–2021) is a celebration of a remarkable journey of academic excellence, innovation, and service to society. Over 100 years, NED has upheld its legacy of fostering knowledge, promoting research, and adapting to the evolving needs of the modern world. Its commitment to producing skilled graduates, advancing technology, and nurturing a spirit of leadership has made it a cornerstone of higher education in Pakistan.

To all newcomers, welcome to a place that will shape not just your career but also your understanding of the world. If you've chosen a discipline like Development Studies, know that you are entering a field that connects you directly with society, its challenges, and its growth potential. Embrace every opportunity to engage with real-world issues, participate in discussions, and develop innovative solutions. Build strong connections with peers and faculty, and never hesitate to step out of your comfort zone. NED University is not just about academics; it's about personal growth, discovery, and preparing to make a meaningful impact in the world. With dedication and hard work, you can achieve extraordinary things here and beyond.

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Sajjad Mehdi

Batch: 2015-16
Degree: B.S.
Discipline: Development Studies
Institution: Scholar, MS Environmental Engineering
from Moscow State University



Every year, thousands of students across Pakistan dream of securing admission to NED University. However, only a few hundred manage to turn this dream into reality. When I got admitted to NED, it wasn't just my achievement—it was a proud moment for my entire family. I was the first in my family to attend this prestigious institution. I grew up in a respectable, middle-income household in Karachi, and gaining admission to an institution that offered both affordability and exceptional quality felt like winning the lottery.

The discipline I chose, Development Studies, turned out to be perfect for me in many ways. First and foremost, its multidisciplinary nature expanded my intellectual horizons and equipped me to become a well-rounded human resource. Secondly, I was fortunate to be taught by some of the finest and most professional teachers who emphasized why NED University holds a unique place among institutions across Pakistan. Thirdly, I didn't just gain knowledge from my teachers—I learned from my incredible batchmates, supportive seniors, and accomplished alumni. Their diverse backgrounds exposed me to new perspectives, shattered many myths, and helped me overcome stereotypes I didn't even realize I held.






Reflections

Whenever I hear the name "NED University," the image of its City Campus' iconic heritage building comes to mind. Such campuses are a rarity in Pakistan. I vividly recall those days spent under the neem tree, discussing development issues with my teachers. Those moments truly defined the essence of learning for me. Institutions like NED University are becoming scarce in Pakistan, and I consider myself incredibly lucky to be part of its legacy.

NED taught me an invaluable lesson: no field guarantees a future; it's an individual's skills and tools that shape their destiny. This belief propelled me to work in diverse sectors after graduating—research, NGOs, digital media, and academic research. Today, as I continue this journey in Moscow through the Open-Door Scholarship, pursuing my Master's degree, I carry forward the values and lessons NED instilled in me.

Hammad Hussain Soherwardy

Batch:	2015 - 2019
Discipline:	Economics & Management Sciences
Degree:	B.S.
Current Organization:	Red Bull 
Designation:	Manager – Supply Chain
Past Organizations & Designations:	Lucky Group



During my time at NED University, I was consistently impressed by the dedication and expertise of the faculty. The professors were not only knowledgeable but also passionate about their subjects, making even the most

complex topics engaging and accessible. Their commitment to student success was evident in the personalized attention they provided, which was invaluable during my academic journey.

The social activities at NED University played a significant role in shaping my college experience. From cultural events to various competitions, these activities fostered a sense of community and belonging. They provided a much-needed break from academic pressures and allowed us to connect with students from diverse backgrounds.

The Student Societies at NED University were a vital part of campus life. It organized numerous events and initiatives that enhanced the overall student experience. From academic workshops to social gatherings, they played a crucial role in creating a vibrant and inclusive community. These activities not only enriched our college life but also helped us develop essential leadership and organizational skills.

NED University has had a profound impact on both my personal and professional life. The rigorous academic programs, combined with the supportive environment, prepared me well for the challenges of the real world. The skills and knowledge I gained at NED have been instrumental in my career, and the network of alumni has been a constant source of support and guidance.

Reflecting on my time at NED, I've noticed significant changes in the educational landscape. While the core values and dedication to excellence remain, today's students have access to more advanced technology and global opportunities. The shift towards online learning and international collaborations has opened new avenues for growth and innovation. However, the importance of face-to-face interaction and hands-on experience remains paramount.





Reflections

To the newcomers at NED University, I encourage you to embrace every opportunity that comes your way. Don't be afraid to step out of your comfort zone and engage in activities that interest you. Build strong relationships with your professors and peers, as they will be your greatest allies. Remember, your time at NED is not just about academics; it's about personal growth and creating lasting memories.

As we celebrate the centenary of NED University, I am filled with immense pride and gratitude. Over the past century, NED has not only produced outstanding professionals but also shaped generations of leaders who have made significant contributions to society. This milestone is a testament to the university's unwavering commitment to excellence and innovation. To the current students and future generations, I urge you to carry forward this legacy with passion and dedication. Here's to the next hundred years of excellence!

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Muhammad Ubaid Shahab

Batch: 2015-2019
 Discipline: Economics & Management Sciences
 Degree: B.S.



My stay at NED carries great importance in my life. From enjoying lectures to making new friends, from living the stressful exam days to enjoying beach parties and participating in society events, the biggest gift that the NED has given me is the confidence and pride that I have gained from studying in one of the finest educational institutions

in Pakistan. The course structure designed for Management Sciences students is a mix of both theory and practice. This knowledge helped me succeed in my career. Being involved in university events/seminars has helped me develop people management skills, which I believe have played a bigger part throughout my life, not just in my career but in general as well.

I wish this institute a continued legacy of generating exceptionally great leaders and innovators, and I hope it maintains the standard of education for which it is known.

I wish students at NED progress towards excellence, making full use of the facilities and platform that NED provides. I suggest adapting the curriculum to the contemporary needs of a world that is changing dynamically.

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Maria Khan

Batch: 2016-2017
 Discipline: Economics & Management Sciences
 Degree: B.S.
 Current Organization: Meezan Bank Limited
 Designation: Assistant Manager Trade Finance Dept.



My time at NED University was a perfect mix of learning and growth. The teaching was solid and built my foundation in Economics and Finance. Outside of studies, being part of different student activities helped me





Reflections

develop important skills such as leadership, teamwork, communication, and event management. I made lifelong friends and memories through group projects, events, and even casual hangouts on campus. Looking back, I feel that NED gave me the tools, both academic and personal, to step confidently into professional life.

It's an amazing feeling to see NED complete 100 years! Being part of such a historic institution is a real honor. NED has played a big role in shaping countless careers, including mine. I'm proud to be part of this journey and excited to see NED achieve even bigger milestones in the future.

Education today is very different from what it was even a few years ago. When I studied at NED, we relied more on classroom learning, physical libraries, and personal interactions with teachers and peers. Now, with digital platforms and easy access to information, students have many more resources at their fingertips. But one thing remains the same: real learning happens when you stay curious, ask questions, and get involved beyond just academics.

To the newcomers at NED University: Make the most of your time here. Build strong foundations in your studies, and also work on your communication, leadership, and teamwork skills; they will matter just as much in your career. Participate in events, projects, and competitions. Don't be afraid to step out of your comfort zone. The friendships, skills, and experiences you gather at NED will shape not just your career, but who you become as a person.

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Rohail Ahmed

Batch:	2018
Degree:	B.E.
Discipline:	Telecommunication Engineering
Current Organization:	PTCL
Designation:	Executive (IP Core Engineer)
Past Organizations & Designations:	Network Engineer at SUPERNET



Alhamdulillah, I had a great experience at the university! I met people from different backgrounds and mindsets with whom this roller-coaster journey became fun and memorable. There are many memories which I took away, but what I would really like to mention is that I miss the lectures, the efforts to get good sessional marks, and the pressure on my head before final exams. All these things are missing in professional life.

I'm truly glad to be part of celebrating 100 years of the university, and I hope it continues to educate and empower students with knowledge and skills for generations to come.

I suggest all new students to give their best in these 4 years' time and do not miss out on making memories because once you graduate, things are going to get different and you will miss these days.

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Wasla Zainab Awan

Batch: 2019
Degree: B.E.
Discipline: Telecommunication Engineering
Current Organization: Rapid Computers
Designation: Cyber Security Consultant



It was in late 2019 when my journey at NED began as a young, naive, and introverted individual stepping into this prestigious institution, driven by the sole ambition of making my parents proud through academic excellence. I entered with a narrow focus, guided by an academically driven, engineering-centric mindset. However, NED proved to be far more than just an educational institution. It was only here that I discovered dimensions of myself I never knew existed. NED became a crucible for personal transformation, bringing out the leader and resilient character within me. The experiences, challenges, and opportunities I encountered forged my personality and expanded my horizons beyond the confines of textbooks.

Since I was a part of the volunteering pool for the 100-year celebration, it feels almost surreal to be part of such a historic institution. Being an alumnus of a 100-year-old university is both an honor and a profound source of pride. The journey from its humble beginnings to a prestigious establishment renowned for its academic rigor and innovative spirit is nothing short of remarkable. Witnessing NED's evolution, especially in its burgeoning focus on recreational activities, adds a new dimension to its legacy, and I am hopeful that the institution will continue to produce skilled and hard-working individuals.

If I look back on my first year in academia, NED feels like a whirlwind of excitement and discovery. Stepping into the world of Telecommunications Engineering, I was both eager and nervous, diving headfirst into foundational courses that were as challenging as they were fascinating. But the real adventure began when I joined the NSA and the NED Debating Society.

NSA turned out to be a game-changer for me. It wasn't just extracurricular; it was my playground for creativity and skill-building. Through this society, I found my voice in writing and documentation, and it was exhilarating to see my ideas take shape and resonate with others.

Little did I know; this journey would evolve me into an inspiring leader. Two years down, I was made the Convener of NSA, a role that thrust me into the thick of things. Managing projects under CSA, running campaigns, and even interviewing the Vice-Chancellor were experiences that made me realize just how much I could achieve.

The ride was nothing short of incredible. Leading a team, brainstorming ideas, and creating NSA's very first e-magazine were some of the highlights that defined my time. Whereas, the graduating year at NED was nothing short of a rollercoaster ride. I had the incredible honor of being selected as the president of the Departmental Society for the Department of Telecommunications Engineering, TE Links. During my tenure, I was privileged to manage and host the 2nd International Conference on Emerging Trends in Electronic and Telecommunications Engineering. In addition to this, I also served as the Editor-in-Chief of the department's official magazine, Communicate.





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Throughout the year, I organized numerous seminars on critical topics such as IoT, cybersecurity, AI, entrepreneurship, and student well-being. This also goes out as an acknowledgement of the unwavering support and encouragement I received from the faculty of the department.

Academically, the ride was stellar! From the initial fear of the Final Year Project (FYP) to eventually winning the Ignite Funding, it was a fantastic journey alongside my friends and FYP group members. Reflecting on how far I've come from being a student to stepping into the corporate world, I feel incredibly grateful for all the experiences NED provided me.

They paved the way for a better career and put me in crucial practical scenarios that pushed me to my limits. To the new batch coming to NED, my message is simple: Learn, try, and grow. Don't confine yourself to the classrooms. Explore other domains, participate in events, meet new people, make friends across departments, and embrace multitasking. This approach will make you stand out among the rest.

Currently, I am pursuing a full-time career in Cybersecurity and exploring options to plan. As a side hustle, I work as a writer as well (lesser-known fact: I have around 50 articles published under my name both locally and internationally).

Summing it up, NED can either make you or break you, find your path and begin moving.

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Muhammad Owais

Batch:	2019
Degree (B.E., BS, MS):	B.E.
Discipline:	Telecommunication Engineering
Current Organization:	1LINK Pvt. Ltd.
Designation:	GTP Officer, Fraud Investigation Unit



My journey at NED University was more than just an academic experience; it was a time of growth, discovery, and building lifelong friendships. The challenging coursework was balanced with moments of joy shared with peers, whether we were working on group projects, attending campus events, or simply hanging out at the canteen. Those late-night study sessions, impromptu discussions, and unforgettable group activities shaped not only my academic career but also my personal life. NED's influence extended beyond the classrooms, providing an environment where teamwork, resilience, and creativity flourished. The bonds formed during those years are still strong today, and the experiences I gained have been invaluable in my career.

As NED celebrates its centenary, it's clear that the university's legacy is unmatched. Over the past 100 years, NED has grown into a beacon of engineering excellence, producing professionals who have made their mark in industries around the world. The centenary is a proud moment for all of us, as we reflect on how NED has shaped not only our careers but also the engineering landscape in Pakistan and beyond. I am immensely grateful for the education I received, the friendships I formed, and the values that NED instilled in me—values that have guided me throughout my professional journey.





Reflections

To future students and alumni alike: NED University offers you not just education, but an experience that will stay with you for life. Embrace every moment, whether it's learning in the classroom or making memories with friends. The lessons you learn here, both academic and personal, will serve as the foundation for your future success. After graduation, NED's reputation and the skills you acquire will open doors for you in the industry, helping you make a positive impact wherever you go.

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Umer Ahmed Zubairi

Batch:

2020-21

Degree (B.E, BS, MS):

B.E.

Discipline:

Telecommunication Engineering



Reflecting on my time at university, I am filled with a sense of accomplishment and nostalgia. When I first stepped onto the campus, I was filled with a mix of excitement and apprehension. University life seemed daunting, but my energetic spirit kept me motivated. I quickly realized that the human mind is incredibly resilient and capable of adapting to new situations.

Adjusting with friends felt a little tough in the beginning, we all go through that phase of life where we can't always find the right people. But I ended up finding friends with whom I believe are going to be lifelong ones. The journeys,

trips and educational visits to industries were rare, but they came with more fun than academics. I remember when we first got admitted, our department didn't even have a nameboard, but soon after our admission, we got to see our department progress, step-by-step, slowly and gradually.

The Centenary of NEDUET took place soon after we finished our first year, truth be told that was also the time we realized NED is 100 years old! And that NED stood for NadirShaw Eduljee Dinshaw. It is an honor to have graduated from such a remarkable and reputable university in Pakistan, especially in a professional field. The 100-year commemorative coin is also a fantastic keepsake!

Always believe in yourself, nobody who achieved greatness was born with two or more sets of brains. Everybody in the world can achieve anything they set their mind to. So, focusing on your goals makes you better than 90% of the world population, and then giving your goal your 100% effort would make you a legend.

For newcomers, I would say enjoy your time here, and balance your life between studies and fun. Do not sacrifice yourself to studies only, you would have your entire life to hard-work later on... these are your final moments to enjoy an educational life where you have no burden of caring for your entire family.

Everyone has different goals, so choose yours wisely, then give your 100% effort and wait patiently. Your efforts will bear fruit, but it will all take time. One final commitment to yourself would be to never give up. Better late than never.

Oh! and also, everyone makes mistakes, don't be afraid to make them, be afraid to not learn from them.

"Don't be sorry, be better" - Kratos

engineerumarzubairi@gmail.com





Chanduni Amaya Kumari Lokuliyana (From Sri Lanka)

Batch: 2020
Degree: B.E.
Discipline: Telecommunication Engineering
Past Organizations & Designations: Software Developer Intern at NCL



My journey at NED University of Engineering and Technology has been one of immense growth and learning. As a Telecommunication Engineering student, I was fortunate to experience a diverse academic environment, enriched by both challenging coursework and practical exposure. Collaborating with peers from different backgrounds and working on innovative projects, such as FPGA-based communication systems, taught me the value of teamwork and perseverance.

Beyond academics, the university's vibrant campus life offered a perfect balance between intellectual pursuit and personal growth. Participating in student-led initiatives, organizing events, and leading teams gave me experience and improved my problem-solving abilities under pressure. The friendships I made, with local students, enriched my understanding of different cultures. Looking back, NED University not only shaped my technical expertise but also instilled in me the resilience, adaptability, and collaborative spirit essential for any successful career. My time here will always be a foundation of my personal and professional journey.

As NED University celebrates its centenary, it stands as a testament to a century of academic excellence and innovation. For 100 years, this institution has been at the forefront of shaping the brightest minds and contributing to the technological advancements of Pakistan and beyond. I am proud to be a part of this legacy, one that continues to inspire future generations of engineers to dream big and excel in their respective fields.

Arriving in Pakistan for the first time as a fully funded Sri Lankan student at NED University was an experience filled with both excitement and apprehension. I vividly remember stepping onto Pakistani soil, unsure of what to expect, but from the moment I arrived, the warmth and hospitality of the people made me feel at home.

The university administration and fellow students welcomed me with open arms, offering guidance and support in navigating both academic and everyday life. My peers were curious and eager to learn about my culture, and we exchanged stories that helped bridge any gaps between our backgrounds.

The university took extra steps to ensure that international students felt comfortable, from orientation programs to connecting us with student groups that helped with everything from settling into dorms to understanding the local culture. The bonds I formed with my colleagues and professors transcended cultural differences, and I soon found myself feeling like an integral part of the university community.

That sense of belonging I experienced at NED University is something I will always cherish. It taught me that no matter where you come from, kindness, respect, and shared goals can turn any place into a home.

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Nadir Hussain

Batch: 2020
Degree: B.S.
Discipline: Computer Science & Information Technology
Current Organization: Microsoft
Designation: Gold Microsoft Learn Student Ambassador



Studying at NED University of Engineering and Technology has been a very memorable part of my life, during which I learned new skills, had exposure, and was allowed to develop further in shaping my professional and personal journey. Since I am a student of Computer Science & IT, apart from gaining a good academic foundation, I have been involved in several community projects aimed at giving back to the student body.

I was allowed to become a Gold Microsoft Learn Student Ambassador while at NED University. This really helped me take charge of several tech-related initiatives, workshops, and events where I could guide people. They have not only polished my leadership skills but also enhanced my love for technology education. Additionally, I have shared my knowledge with everyone around as both a certified data engineer from Microsoft and IBM.

The highlight of my academic career was my final year project regarding AI-driven health solutions, particularly in the early detection of neurodegenerative diseases. Working with an amazing team under exceptional faculty allowed me to do great work on creative solutions while combining my passion for data engineering with health care. This project is one among other academic achievements and has become a point of pride for me.

The friendships I made, the challenges, and the community work I was a part of are all parts of unforgettable memories that I will take forward. Academic experiences gained at the NED University, along with the platform to contribute, learn, and lead, are a gift that I will forever cherish.

I am extremely proud and privileged to be associated with the heritage of NED University, which is turning 100. NED has not just been an institution in the last century; it has been a reservoir for making people such that they can make a dignified difference in this world. From the dawn of its existence to one of the prime seats of engineering and technology, NED has been constantly developing, providing the students with not only the knowledge but also the thinking ability with critical and imaginative perspectives. My association with this institution has been a journey towards growth, learning, and contribution to society, a value that NED has inculcated within each one of us. I am sure the students of the next generation are going to carry on this tradition of excellence set forth by NED, and I wish good luck to the University for Further molding the future of education and innovation.

Nature has created humans with inherent responsibilities, and I've come to believe that the greatest purpose is to be of service to others. My journey reflects this belief, as I've always strived to contribute towards the greater good, which led me to work for the betterment of the underprivileged student.

- By learning, you will teach, and by teaching, you will learn. We are all created to give back without expecting anything in return. Trust that nature will reward you in ways you can't foresee.

- Focus on your core skills and always aim high. Your goal should be to prepare yourself for opportunities at large, impactful organizations like big tech companies. Don't limit your potential by settling for less; make yourself capable of thriving in the most challenging environments.





Reflections

- Age and time are irrelevant when it comes to learning. You can learn anything at any point in your life. Start now, as the power of "now" is greater than any other. One day, you'll be contributing your skills to the tech giants, where your abilities will make a difference.
- My thirst for knowledge and exposure led me to participate in international educational programs and create a society at my university that hosts free international workshops. These workshops provide valuable guidance to students across the globe. This work, and my commitment to community service, earned me the "Community Hero" and "MIEE" titles from Microsoft.

nadirarain111@gmail.com





The Legends

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Syed Murad Ali Shah – Civil Engineer

1st Special Convocation of NEDUET



The first special convocation at the NED University of Engineering and Technology was held on 11th March 2023 to confer a special honorary degree of Doctorate of Philosophy to the Chief Minister of Sindh, Engr. Murad Ali Shah, for his outstanding services and contribution to the province of Sindh. The responsibility of hosting the convocation was fulfilled by Prof. Dr. Sajida Zaki. It formally started with the arrival of the academic procession, followed by the playing of the National Anthem and

the recitation of verses from the Holy Quran, which was credited by Dr. Bilal Usmani. The event was also attended by the teachers & class fellows of the Chief Minister and his cabinet fellows. Besides, it was also attended by the top bureaucratic brass of the province of Sindh.

Proceeding the programme further, Dr Sajida invited Mr. Mervyn Francis Lobo, the Chief Executive Officer of Marie Adelaide Leprosy Centre (MALC) and a close friend of the CM from his school, Saint Patrick High School, the class of 1977. He shared two of his experiences with the audience, which gave an immense insight into his past days. One of them was about the efforts of the CM when the then-founder of MALC, Dr. Ruth Pfau, passed away, and he managed to arrange a state-wide funeral for her. The other one was about when he renamed the Civil Hospital of Karachi in her memory and visited the Leprosy ward, where he shook hands with the patients and sat with them as if they were his own. That's why in social and philanthropic circles, the CM is lauded for his easy access to the public. It was his efforts that saved Dar ul Sukoon from going down. Mr. Lobo also thanked the Government of Sindh for its relentless support in the smooth functioning of MALC.



The next citation was presented by his colleague and a class fellow from D.J. Science College, Prof. Syed Zafar Zaidi, CEO of Indus Hospital and Health Network. He told the audience that the CM has ensured his support for regularizing the land of Indus Hospital through a government grant for a Medical Facility. He lauded the leadership skills and his foresight in establishing hospitals, schools and creating opportunities for marginalized communities to enhance the efficiency of the Public Sector through the Public Private Partnership initiatives. He further mentioned the remarkable contribution of the CM in combating COVID-19 pandemic and his efforts in reducing the wait-time for cardiovascular disease patients at the NICVD ward.





The 3rd citation was from the alumnus of NED University and an acquaintance of CM, Mr. Nadeem Manzoor Hassan, the Head of Property Development and a Senior Vice President at HBL. He mentioned that the personality of the CM can be summarized in four words, با نصیب، با ادب، با امراد، اور با اختیار (Blessed one, Empowered, Fortunate and Respectable). He expressed his competence as a fit in all spheres of life and as a humble soul, who likes to retain his relationship with the people at the grassroots level even after becoming the CM. Recalling his long companionship and friendship with the CM, he told the audience that the CM occupied the 3rd position at the university, although he used to be a backbencher and used to lend tea in breaks. None of us knew that one day he would become someone in a niche position of power. He also confessed that he acted as a facilitator in stealing a few books and some good music from the library of his father through their mutual friend Humayun but they promised that they would bring back the stolen stuff one day, along with the memorable letters of the beautiful people as a ransom.



The other citation was presented by the roommate and class fellow of the CM, Arif Masud, when they used to study at Stanford University, USA. Mr. Arif Masood is John and Eileen Blumenschein, Professor at the University of Illinois, Urbana-Champaign who joined virtually. He praised the academic performance of the CM, his interest in co- curricular activities, and his advocacy of NED University at Stanford and his endless love for academia and his passion to serve his nation back.

The final citation was presented by the teacher and mentor of CM, Dr. Shahibzada Farooq Ahmed Rafeeqi, Prof. Emeritus. He mentioned that he has supervised the Final Year Project of the CM's bachelor studies while he was at NEDUET. In his 40-year span of experience, he found him performing distinguishably well. Some 06 years ago, when the CM was recognized as a distinguished alumnus, he forecasted his destiny so well at that time. He said that we are awarding him an honorary doctorate in 30 years, which the top-notch universities of the world do in 03 years. He further mentioned that the degree is academic in nature and hence it should be analyzed in that perspective only, which also binds him with great responsibilities.



Afterwards, Prof. Dr. Sajida Zaki asked the respected Governor of Sindh, Chancellor of the University, Mr. Kamran Tessori, and the then Vice Chancellor of the University, Dr. Sarosh Hashmat Lodi to confer the honorary degree and all the formal rituals were performed.

The CM thanked his teachers, colleagues, friends and mentors for this prestige. During his speech, he turned emotional on remembering his fellows and friends who are no more in this world. Besides, he also shared some of his memories from his time at NED University while being a student.





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In the final segment of the convocation, the Chancellor and Governor of Sindh, Mr. Kamran Khan Tessori, told the audience that it was challenging for him to decide whether to confer the honorary degree to the CM on the proposal of the then Vice Chancellor but when looking at his role in controlling COVID-19, he became pretty sure of what should be done. He also expressed that he became the first CM in the 75 years of the history of the province who has taken some serious revolutionary steps in improving the healthcare sector of Sindh. He appreciates the efforts of the CM, who now extends his support for other universities as well, to follow the lead and attain excellence. He also recognized the role of his father, Syed Abdullah Shah, whose upbringing has helped his son to become a person of character.



The event ended with a group photograph and the dinner that followed.

The coverage of this special convocation is also available on the official YouTube channel of NEDUET under the banner of the 1st Special Convocation of NEDUET.



ALUMNI REGISTRATION

We are looking for NEDIANS!



If you are an Alumnus of NED College / University and haven't got your registration yet, please register yourself as an Associate Member NED Alumni Network (NEDAN) through our website, link given below:

<https://nedan.neduet.edu.pk/>

Director

University Advancement & Financial Assistance
NED University of Engineering & Technology
Main University Road, Karachi -75270, Pakistan
Tel: +92 21 99261261-68, Ext: 2212
Email: uafa@neduet.edu.pk

“GET CONNECTED”





Fahim Iqbal Siddiqui – Mechanical Engineer

Fahim I. Siddiqui graduated as a Mechanical Engineer from NED Engineering University, Karachi in 1974, obtaining the 5th position. He was studying Mechanical Engineering in the East Pakistan University of Engineering & Technology and was to graduate in 1971. However, with the loss of the eastern wing of Pakistan, he ended up spending 22 months as a Prisoner of War in Camp 33 in Roorkee, and was repatriated through the Wagah Border on 28th November 1973, after which he immediately obtained admission in NED University and graduated in 1974.

He joined M/s. International Consultants in 1974 and was accepted as a partner in the firm in 1978, and he continued with this association till 1987. He designed the Air-conditioning System and the Process Cooling System for the Nuclear Reprocessing Plant at Kahuta in 1978 to 1980 and had the privilege of working closely with Dr. Abdul Qadeer Khan.



In 1987, he founded M/s Fahim, Nanji & deSouza Private Limited (FND), a Consulting Engineering firm, now recognized as one of the leading firms in the Mechanical-Electrical sector, in Building Technologies in Pakistan, with a staff of over 140 personnel. He is currently the CEO/ Principal Mechanical Consultant of M/s. FND.

He has over 50 years' experience in the field of Mechanical-Electrical-Plumbing (MEP) engineering consultancy services.

Throughout his professional journey, he has personally designed or led the design team for the MEP design of more than 1800 diverse projects in Pakistan. His project designs are recognized for their engineering excellence and innovation and incorporate concepts of energy efficiency, life cycle analysis and sustainability. Three of the projects designed by his firm have gained LEED Certification, with one project achieving LEED Platinum Certification. Many of his MEP designs are for industrial projects, such as pharma plants, automobile plants, textile plants, thin packaging film plants, etc. thus contributing to industrial growth & development in Pakistan.

He was a founding member of Pakistan HVACR Society, where he served as the General Secretary from 1998 to 2000 and was elected President of the Society from 2001-2003. He was awarded a Lifetime Achievement award by the Pakistan HVACR Society in 2006.

He has been a member of ASHRAE (American Society of Heating, Refrigerating, Air-Conditioning Engineers) since 1978 and played a pivotal role in the establishment of ASHRAE Pakistan Chapter, where he





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served in positions of Vice President, President Elect and finally as President from 2005-2006 and was awarded ASHRAE Presidential Award of Excellence in 2007. He was also an active member of the ASHRAE Region at Large (RAL) and attended many meetings and conferences abroad and presented many technical papers in seminars and symposiums in Pakistan, Greece, and India. He is also a distinguished lecturer of ASHRAE RAL and currently a Life Member & Fellow of ASHRAE.

He has authored and presented many papers at various seminars and symposiums both locally and internationally and was elevated to the position of Fellow of the Institute of Engineers, Pakistan in 2011.

He has travelled to over 30 countries and has visited the manufacturing facilities of most major HVACR manufacturers in the world.

He has been collecting cactus & succulent plants for the past 45 years, and his collection of these plants is recognized as the best in Pakistan. He founded the Cactus & Succulent Society of Pakistan and was elected as its first President, and subsequently elevated to the position of Life Chairman.



6th September 2023 at ASHRAE Trends in Karachi



As Chairman Pakistan Horticultural Society of Pakistan-
February 2020, at the opening of the Annual Flower Show with
Chief Guest President of Pakistan Mr. Arif Alvi

He is an active member of the Horticultural Society of Pakistan (HSP), and has played a major role in organizing the HSP's Annual Flower Show at A. K. Khan Park at Sea View, Karachi. He was elected to the position of Chairman of HSP from 2009 to 2013 and for a second term from 2019 to 2023.

He is also a Member of the Quaid-e-Azam Mazar Management Board since April 2019, in which position he has been instrumental in the redesign of the Quaid-e-Azam Museum at Quaid Mazar, in getting the topographic survey conducted of the Quaid Mazar and its peripheral areas and managing the design of the Pakistan Park on 36 acres of land on the south of the Quaid Mazar.

He is a Founder Member of SABKA Foundation, which is a collective endeavor of citizens united in a call for across-the-board reforms for equitable and just management of all of Pakistan's resources. SABKA engages in contemplation, advocacy, consensus building, and inclusive alliance building, committed to making the voice of ordinary Pakistanis heard in the exercise of nation-building.





Ghulam Hussain Malik – Mechanical Engineer

Ghulam Hussain Malik, the current President of the NED Alumni Association of Canada (NEDAC), exemplifies the transformative power of dedication and unity. His remarkable journey from the quaint village of Matan Kalan to prominent leadership in the Canadian diaspora is a story of perseverance, vision, and community service.

Born on March 1, 1952, in the picturesque village of Matan Kalan near Kallar Kahar, Ghulam faced numerous challenges during his formative years. His daily three-kilometer trek to Sar Kalan Primary School instilled in him a strong work ethic and a passion for education. Recognizing the importance of academic opportunities, Ghulam's father, a former British Army employee, relocated the family to Karachi.

Ghulam's academic brilliance became evident as he secured top positions in both high school and university. His journey culminated in a degree in Mechanical Engineering from NED University of Engineering and Technology in 1979, laying the foundation for his future endeavors.

Ghulam's professional career began at the Karachi Shipyard, where he honed his engineering skills. In 1996, seeking better opportunities, he migrated to Canada with his family. In Canada, he navigated the IT sector, leveraging his diverse skill set to build a successful career with renowned organizations such as General Electric, Rogers Communications, and Bruce Power. His resilience and adaptability were crucial in overcoming the challenges of migration, showcasing his determination to succeed.

Since becoming President of NEDAC, Ghulam has been a catalyst for positive change, fostering unity among members by respecting past board members and ensuring that all voices are heard. His leadership has transformed NEDAC into a dynamic organization that actively supports its members, particularly new graduates from NEDUET and those facing employment challenges.

Under his guidance, NEDAC has undertaken significant projects, including fundraising initiatives for NED University of Engineering and Technology (NEDUET), the establishment of digital labs, and collaborations with Canadian universities. Notably, Ghulam played a key role in signing a Memorandum of Understanding (MOU) with Toronto Metropolitan University (TMU), facilitating essential partnerships that benefit students on both sides.

Ghulam's vision extends beyond academic collaborations; he has organized numerous technical seminars on obtaining Professional Engineering licenses (P. Eng), artificial intelligence, and the automotive industry. These initiatives not only enhance the professional development of NEDAC members but also strengthen the community. In addition to professional activities, Ghulam prioritizes social engagement, organizing events such as picnics on a cruise and inter-alumni cricket tournaments, which foster camaraderie among members.

Ghulam's commitment to excellence is mirrored in his family life. His children have excelled in various fields, including engineering, business, and education. His wife stands as a pillar of support, embodying the values of compassion and resilience as they raise their children together. His journey—from a small village in Pakistan to a prominent leader in the Canadian diaspora—illustrates the power of determination, foresight, and togetherness. His continued leadership in NEDAC not only enhances the lives of fellow alumni but also contributes significantly to the growth and success of future generations. Ghulam's story is a testament to the impact one individual can have on a community, inspiring others to strive for excellence and unity.

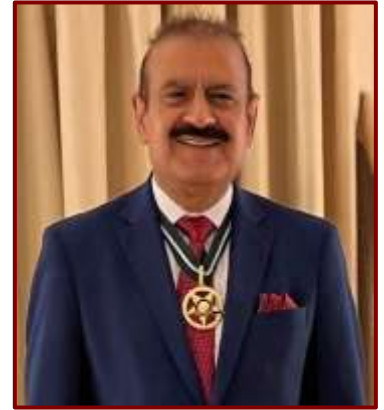




Arif Zaffar Mansuri – Mechanical Engineer

Arif Zaffar Mansuri is a highly accomplished individual excelling in various domains, including business, journalism, philanthropy, and activism.

As a successful businessman and industrialist, he owns Tubular Specialties Manufacturing, Inc., a metal fabrication company, and Metals & More LLC, a metal wholesale company. Additionally, he is the owner of P.L. Publications, publisher of the renowned USA-based Pakistani American weekly newspapers, 'Pakistan Link' and 'Urdu Link.' He is also the host and co-producer of The Mansuri Show on ARY Digital Television



Mansuri's personal real estate portfolio includes shopping centers, office buildings, industrial facilities, and apartment complexes. In addition, he serves as a partner at JFK Realty & Loan Depot, specializing in real estate investments and loans.



Actively involved in civic affairs, Mansuri currently serves as the Vice Chairman of the Fullerton Transportation Commission. He previously held the position of Chairman of the City of Fullerton Planning Commission, following a successful tenure on the Board of Trustees of the City of Fullerton Public Library. He also serves as a member of the Board of Trustees of the World Affairs Council of Orange County. He is a member of the Pacific Council on International Policy and a Delegate of the California Democratic Party.

His academic qualifications include a bachelor's degree in Mechanical Engineering from NED Engineering University (Karachi, Pakistan), a master's degree in Industrial Engineering from Texas Tech University (Lubbock, TX), and an MBA from Pepperdine University (Malibu, CA).

Mansuri's leadership extends across multiple organizations; he currently serves as the chairman of the 501c3 non-profit organizations, Friends of Pakistan (FOP) and Urdu Markaz International (UMI). He is a member of the Board of Directors of the Meridian Qube Fitness and Event Center. Additionally, he is co-chairman of the Grand





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Alliance for Pakistan Independence Day (GAFP) and the Media Council of Overseas Pakistanis (MediaCoPak).

Previously, he served as Chairman of the Pakistani American Democratic Club of Orange County, Co-Chairman of the Pakistani American Chamber of Commerce, and Chairman of the Urdu Writers Society.

Mansuri's unwavering dedication to community service has garnered widespread recognition, earning him numerous prestigious accolades. He has been honored with U.S. Congressional awards, as well as awards from various states, cities and community organizations. Notably, in 2022, Arif was presented with the esteemed Award of Excellence by the President of the Islamic Republic of Pakistan, Dr. Arif Alvi, acknowledging his exceptional contributions.

Residing in Orange County, California, Arif has been married to his wife, Zaibunnisa (Debbie), for 34 years, and they have a daughter named Jazmyn.





Mr. Mansuri Visiting His Alma Mater!
“An Insight Session with Students”
May 5th 2025

(Event by Organized by Directorate of UA&FA in collaboration with AATC NED Chapter)





Nauman Hannani – Mechanical Engineer

Nauman Hannani is a seasoned professional with over 30 years of global experience in the power and oil & gas sectors. His career has spanned a wide range of strategic roles, from Turbine Performance Engineer to General Manager for Gas Turbines and Compressors, working with renowned companies such as Rolls-Royce Energy (now Siemens) and ABB. Nauman has built a reputation as an exceptional communicator and negotiator, with a proven track record in leading sales strategies, project development, and customer management across diverse markets, including the Middle East, Asia Pacific, Europe, and Africa.

His expertise covers a wide range of technical and business development areas, including gas turbines, compressors, rotating equipment, contract management, and project execution. Nauman's leadership has directly contributed to the successful delivery of multi-million-dollar projects, securing over USD 1 billion in business in gas turbine and compressor sales and after-sales services. Known for his proactive approach, he thrives in challenging environments, turning opportunities into results and driving sustainable business growth.

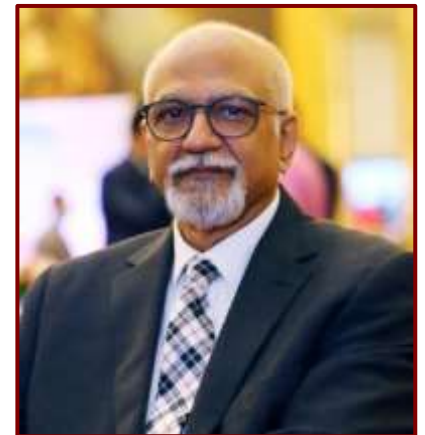


Nauman holds a Master of Science in Mechanical Engineering from Chalmers University of Technology in Sweden and a Bachelor's degree in Mechanical Engineering from NED University of Engineering and Technology, Karachi. He is fluent in multiple languages, including English, Swedish, and Urdu, and has worked in a wide array of international markets, enhancing his cross-cultural communication skills and business acumen.

With his extensive experience, technical expertise, and strategic vision, Nauman continues to make significant contributions to the global power and energy sectors.

Khalid Mirza – Civil Engineer

Engineer Khalid Mirza's story concerns passion, commitment, vision, and leadership. An alumnus of the prestigious NED University of Engineering and Technology (NEDUET), Karachi, Khalid has built upon the legacy pioneered by his late father, Engineer Zaheer Mirza, a 1954 engineering graduate of the then NED Engineering College. In 1959, Engineer Zaheer Mirza introduced the concept of consulting engineering in Pakistan by establishing a consulting firm, the first of its kind established by a professional engineer in Pakistan. This legacy continues to inspire young engineers across Pakistan and beyond to date. Today, several well-established consulting firms in Pakistan proactively contribute to national development.





initiatives. Engineer Khalid Mirza and his company remain one of Pakistan's active and progressive consulting firms, participating in international development projects.

Early Years and Academics



Born and raised in Karachi, Khalid grew up in Pakistan's largest city, surrounded by a family of professional engineers. This environment naturally nurtured his interest and passion for Science, Technology, Engineering, and Mathematics (STEM). Encouraged by his family and teachers at the Cantonment Public School, Karachi, Khalid remained steadfast in his interest in science. His dedication earned him the top position in Grade 8, leading to a pivotal decision between pursuing a Career in Engineering and Biology before he began his matriculation phase. Without hesitation, he chose the pre-engineering path, cementing his future in the field. After matriculation in 1976, Khalid pursued and completed his Intermediate Program in Pre-Engineering at the renowned DJ Science College, Karachi, in 1978. His academic excellence

secured his admission in 1979 into the prestigious NED University of Engineering & Technology, Karachi, one of the oldest and most respected engineering institutions in the Subcontinent. He opted for a degree in Civil Engineering for his bachelor's program, laying the foundation for a potentially impactful career in the field of engineering. According to him, *"NED, and the teachers there, didn't just teach me how to be a good engineer; they also helped me to be a better human being and trained me how to think critically, work in collaboration, and lead with integrity,"* which remains the cornerstone of his professional approach to date.

Engineering Graduate and Post-Graduate Studies

After graduating with honors from NED University of Engineering and Technology (NEDUET) in 1983-84, Khalid had to decide whether to pursue postgraduate studies abroad or begin his professional career in Pakistan. He opted for the latter, as he was determined first to explore the scope and status of applied engineering practices in Pakistan, ensuring he selected an area of expertise that would be of interest and allow him to play a meaningful role in the country's development. His commitment was driven by a strong sense of duty and gratitude, recognizing the practically cost-free education he had received; a mere Rs. 250 per year over four years (1979-83). This choice marked the beginning of his journey to contribute meaningfully to Pakistan's engineering landscape, leveraging his skills to serve the nation that had invested in his education.





selected the University of Illinois at Urbana-Champaign (UIUC)—one of the top three universities in the world in the Field of Civil Engineering.

While continuing with the postgraduate coursework, he was a Research Assistant on two research studies on airfield pavement behavior under aircraft loading, which the FAA funded, and a drainage modelling study simulating highway pavement under saturated conditions, which UIUC and Texas A&M University jointly undertook. Both projects were significant in understanding pavements under different loading and environmental conditions.

Technical Skills Development, Training, and Capacity Building by Embracing Technology

After completing his postgraduate degree, Khalid returned to Pakistan in 1988, determined to apply the knowledge he had gained during his postgraduate program in the United States. His primary target was to build capacity within the Company by strengthening the technical capabilities and skills of professional engineers through training and skills development initiatives, particularly in applying contemporary technologies to project planning, design, and implementation. In this respect, investments were made to procure state-of-the-art hardware and software, backed by professional training programs for professional engineers. This strategy had two-pronged advantages: developing a group of skilled professionals and building the capability to compete in the international marketplace. This facilitated the Company competing and succeeding in getting several major domestic and international projects funded by international funding agencies (ADB, WB, IDB, etc.) and respective government agencies in various countries. By mid-1990, the Company had highly skilled professionals who were capable of effectively using sophisticated computer programs, such as ANSYS, SAP, MOSS, GEOINT, ARC/INFO, ERDAS, AutoCAD, etc., using state-of-the-art surveying equipment, which facilitated the Company to earn technological edge over other competitors, including international consultants.





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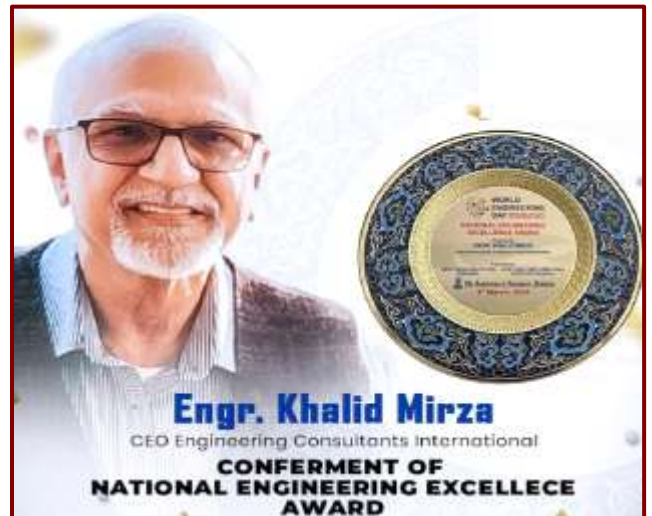
As a result of this strategically progressive policy, the Company successfully won highly prestigious and challenging national infrastructure development projects, including motorways, airports, harbours, urban and rural development, and institutional development. This achievement encouraged the Company to expand its professional services into Central Asian Countries (1995-2007) and the Middle East (2001 to date). Furthermore, initiatives were undertaken to explore opportunities with international consulting companies, utilizing a business model that involved outsourcing technical services.

During the last two decades, the initiative to embrace technology has continued. Today, the Company is recognized as one of the leading Asian companies offering professional services in a highly competitive and technologically driven sector, specifically in Airport/Road Asset Management Systems (AAMS/RAMS). The journey continues as the Company has geared itself to embrace emerging technologies, such as Artificial Intelligence (AI), and apply them to enhance our capacity and capability to serve our clients on challenging engineering projects. From 1994 to the present, the Company has successfully undertaken and completed projects in several countries across Central and East Asia, the Middle East, and North America.

Serving the Engineering Profession in Pakistan

Engineer Mirza has actively been involved in initiatives that contribute to improving engineering practices in Pakistan. In this respect, an internship program has been in place since 2004-05, in which engineering students from various universities are registered to participate and receive brief training on the planning, design, and construction phases of the project implementation cycle.

Furthermore, he is actively involved in the Association of Consulting Engineers Pakistan (ACEP) and the Institution of Engineers Pakistan (IEP). He contributes through these forums to interacting with national regulatory institutions, such as the Pakistan Engineering Council (PEC), the Pakistan Procurement Regulatory Authority (PPRA), etc., and international institutions such as the International Federation of Consulting Engineers (commonly known as FIDIC, acronym for its French name *Fédération Internationale Des Ingénieurs-Conseils*). Being a member of the Institute of Transportation Engineers (ITE), the American Society of Civil Engineers (ASCE), and the American Society for Testing and Materials (ASTM), the American Association of State Highway and Transportation Officials (AASHTO), and Transportation Research Board (TRB), he ensures to remain abreast with contemporary technological advances in Civil Engineering and evolving trends in project planning, execution, and delivery to the client in cost effective manner.





Continuing the Legacy and the Future Vision

Through visionary leadership, technological innovation, and an unwavering commitment to engineering excellence, Engineer Khalid Mirza continues to lead, innovate, and contribute to shape engineering landscape through his company and available forums/platforms to bring about improvements in engineering practice in Pakistan, and continue to be a source of inspiration for young aspiring engineers to embrace engineering as a transformative force for accelerated development of Pakistan.

Muhammad Navid Akram Ansari – Electrical Engineer

Engr. Muhammad Navid Akram Ansari is a distinguished professional with a strong academic and entrepreneurial background. He graduated with distinction in Electrical Engineering from NED University of Engineering and Technology, Karachi in 1986, securing 3rd place in a batch of 130 students. He then pursued a Master's in Electrical Engineering with a concentration in Electronics from the University of Houston, USA, completing it in 1988. Later, he earned an MBA from IBA Karachi in 1997, specializing in Marketing.

A proud alumnus of NED University, Engr. Ansari credits his education there as the foundation that shaped his professional trajectory, providing him with both the academic knowledge and the platform to enter the field of engineering.



In the early phase of his career, Engr. Ansari worked in design engineering across diverse fields, including telecommunications, computer peripherals, and power electronics. He contributed to innovative products of the early 90s, such as caching controllers for hard drives, computerized billing systems for public exchanges, and data communication interfaces. He began his career at Digital Communications (Pvt.) Ltd. before venturing into entrepreneurship. In 1992, he founded Systems Technology, which he later incorporated into Systek (Pvt.) Ltd. in 1994.

Under his leadership, Systek (Pvt.) Ltd. became a pioneer in indigenous product design and development, focusing on R&D-based electronic

engineering solutions. The company led the development of several groundbreaking products, including EPABX systems, UPS systems, Power-line Conditioners, PV Solar Hybrid systems, MPPT Solar Charge Controllers, and more. Systek was the first in the country to design and manufacture Line-interactive Sine-wave UPS systems and later ventured into online UPS systems, becoming the oldest and most experienced UPS manufacturer in





The Legends

Pakistan. It was also the first to be listed in the Customs General Order (CGO) of the Government of Pakistan as an Original Equipment Manufacturer.

Systek's UPS systems are known for their durability, with an average lifespan of around 15 years. The brand enjoys a strong reputation, particularly in the corporate sector, and is proud of its long-term, loyal customer base. In addition to locally developed products, Systek also deals in online pure Sine-wave UPS systems up to 1 MVA, sourced from leading international OEM brands.



Engr. Ansari's firm is one of the few R&D-focused companies in Pakistan dedicated to the design and production of electronic products. The company excels in customizing existing products and developing tailored solutions for clients, including in the public and private sectors and the armed forces. Systek's technical capabilities enable it to maintain and support third-party products with greater efficiency than local agents, setting it apart from competitors.

Throughout his career, Engr. Ansari has represented his firm in various meetings and forums across the globe. He represented Pakistan at the Environmental Technology Conference in Incheon, South Korea, in 2019. He has also





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showcased his firm's products at international exhibitions, such as the 1998 Dacca (Bangladesh) Exhibition, where they were well received.



Engr. Ansari's commitment to the engineering profession extends beyond business. He has actively contributed to the Pakistan Standards and Quality Control Authority (PSQCA) since 2000, serving as the Chairman of the National Standards Committee for Electronics since 2013. He has been a member of the Institution of Electrical and Electronics Engineers Pakistan (IEEEEP) since his student days at NED and eventually served as the Vice President (South) in 2018. Currently, he is the Chairman of the IEEEEP Karachi Local Center. He has also been on the Curriculum Committee and Industry Advisory Board of many engineering universities and business institutions in Karachi.

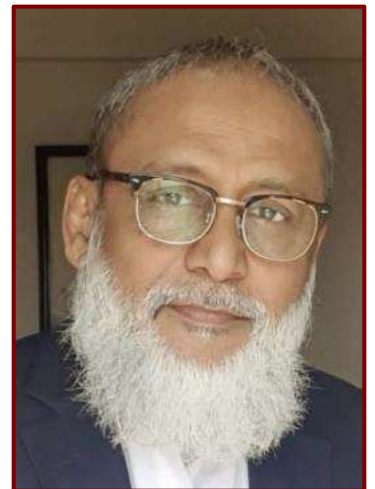
Engr. Ansari advises young engineers to focus on gaining experience rather than chasing high salaries in the early years of their careers. He believes that learning from reputable organizations is invaluable, and with time and experience, the best companies will seek out skilled professionals.

In his spare time, Engr. Ansari enjoys painting in watercolors, a hobby he considers both challenging and rewarding. While he rates his own work as above average, he often finds that his best pieces are claimed by his daughters and friends.

Asghar H. Siddiqui – Electrical Engineer

Mr. Asghar H. Siddiqui is the Principal Engineer and CEO of ElekEn Associates, a reputed consultancy firm he founded in 1990. Despite his initial aspiration to become an architect, fate led him to Electrical Engineering. After completing his intermediate studies at D.J. Science College, he enrolled in an architecture program through NED University. However, due to unforeseen circumstances, his admission was shifted to Electrical Engineering. Determined to pursue higher education, he re-enrolled at NED, joining a junior batch, and ultimately earned his degree in Electrical Engineering in January 1986.

Embracing this new path with resilience, patience, and gratitude, Mr. Siddiqui dedicated himself to mastering the field. He gained invaluable experience over five years in Operations & Maintenance, Execution, Project Management, and





The Legends

Consultancy. Leveraging this expertise, he established ElekEn Associates, which has since completed over 1,800 projects across Healthcare, Commercial, Residential, Industrial, and Infrastructure sectors. A pioneering figure in Pakistan's Electrical Engineering landscape, Mr. Siddiqui has introduced innovative technologies and set new industry standards, making ElekEn Associates one of the leading consultancy firms in the country.



From the early years of his career, he began to understand the meaning of: "Survival for engineers and engineers for survival." In the first five years, he gained experience in O&M, consultancy, project management, and execution by working with multiple firms. Among all these roles, consultancy was the one that brought him closer to architects. In 1990, with a small amount of capital, he started his own consultancy business. At that time, it was a hasty decision, and he realized this within the first year. However, relying on Allah's will, persistence, and passion for serving the country, he continued to move forward.

He was unaware that consultancy, in those times, required market connections, money, exposure, and experience—none of which he had. Nevertheless, he had already set up a small office under the name ELEKEN in a small one-room, so he decided not to turn back and pushed forward despite immense struggles.

No one was willing to give him work. Some architects even discouraged him disrespectfully without listening to him. But each failure gave him the courage to take ten more steps forward. At that time, consultancy was not as common as it is today. Builders and developers would usually hire electricians for their work. AHS began in this sector by trying to explain the importance of electrical consultancy to architectural firms. By Allah's grace, he secured a significant project, and from there, the journey began. He started with just one draftsman and eventually grew the firm into a large enterprise. Following his vision, in 2013, he transformed his firm from a proprietorship into a partnership by selecting three talented engineers from his team. Then, in 2024, he merged with a mechanical consulting firm to establish the SEM-ELEKEN Partnership.

Today, his team consists of 160 members, including more than 60 graduate electrical and mechanical engineers, with a majority being NEDIANS. This makes it the largest MEP firm in Pakistan. With offices in multiple cities, from Karachi to Islamabad, his team is making its mark across the country.





The Legends

Mr. Asghar H. Siddiqui has always been committed not just to his business but also to giving back to the community. He believes that true success comes from contributing to society. As a result, he has initiated several programs for social development. He has worked to promote the importance of education in engineering, particularly for underprivileged youth, through scholarships, internships, and mentorship programs. His firm, ELEKEN Associates, also emphasizes sustainability and green building solutions, contributing to a greener Pakistan. He advocates for ethical practices, social responsibility, and environmental consciousness both within his organization and the broader engineering industry.

Moreover, Asghar has been a speaker at numerous seminars and conferences, sharing his insights on the evolving engineering landscape, technological advancements, and the vital role of engineers in shaping the nation's future. He also encourages young engineers to innovate and think outside the box, promoting resilience and perseverance—values that have defined his journey.



Pakistan Kidney & Liver Institute - Lahore



Dolmen Mall - Lahore

Asghar Siddiqui's entrepreneurial journey reflects his unwavering determination and vision for the future of electrical engineering in Pakistan. Through ELEKEN Associates, he aims to continue his successful consultancy while introducing cutting-edge technologies that benefit various sectors. Under his leadership, the firm is poised to remain at the forefront of engineering consultancy, offering solutions to meet the growing demand for modern infrastructure and sustainable development in the country. His story is a testament to the power of persistence, passion, and purpose in achieving extraordinary success.

Asma Hashmi, PE – Civil Engineer

Asma Hashmi is a highly skilled civil and transportation engineer with a distinguished three-decade career. She founded JPCL Engineering, a leading engineering firm in New York and New Jersey that has operated successfully for 18 years. The firm specializes in planning, construction management/REI, special inspections, materials testing, civil/site/traffic engineering, and environmental services. Hashmi also owns STRANS Engineering, PLLC, a multidisciplinary design firm specializing in landscape architecture, urban design, civil engineering, and environmental planning in New York and New Jersey. JPCL is committed to improving the quality of life in our communities through its projects, ensuring quality compliance and optimal results, and promoting a resilient and sustainable design practice overall.





Hashmi earned a Master's degree in Transportation and Highway Engineering from the University of Illinois Urbana-Champaign and a Bachelor of Engineering from the NED University of Engineering & Technology in Pakistan. She is a licensed Professional Engineer in New York, New Jersey, and Pennsylvania.

In addition to her engineering expertise, Hashmi also studied Television Drama and Screenwriting at Gotham's Writers Institute in New York and Digital Video Production at Raritan College in New Jersey. As a writer, she possesses a keen understanding of the social and cultural issues faced by South Asian immigrants, which informs her perspective. She founded her own production company, Dramatix NJ, LLC, and has produced a feature film and a drama series for South Asian channels under this banner. This strategic move aimed to create feature-length films for global markets. She produced a Tamil/English film titled Achachamundu! Achchamundu, which won the Homegrown - Best Feature Award at the 7th Annual Garden State Film Festival.

She is an active member of the American Society of Civil Engineers (ASCE) and the Institute of Transportation Engineers (ITE). Hashmi was also involved with the Women Presidents Organization (WPO) and volunteered for the Women to Women Forum, which empowers South Asian women and provides shelter to displaced women. This underscores her dedication to industry innovation, sustainability, and social impact.

Syed Shahzad Nabi – Mechanical Engineer

Syed Shahzad Nabi stands as one of Pakistan's most accomplished industrial leaders, with a career spanning over three decades at the intersection of

technical innovation and strategic leadership. As a Board Director at Engro Polymers Chemical Limited and Chairman of the PCESSDC Board, he has shaped the trajectory of Pakistan's chemical and energy sectors while serving as a Technical Advisor to the President, overseeing Engro's diverse portfolio of assets.



Beginning his journey as a mechanical engineer from NED University, Shahzad's career has been marked by a unique ability to blend technical expertise with visionary leadership. His early years as a professional basketball player—representing at the Club level, University, Karachi and Sindh, also hired as a professional player by a government organization.....instilled in him the values of discipline, teamwork, and strategic thinking, crisis management and fast decision making, that later defined his leadership style. Throughout his tenure at Engro, Shahzad has been the architect of several groundbreaking initiatives. He pioneered developing a flagship structured skilled development training program, GE's first global PEPI Project and led two major Long-Term Reliability projects at Engro's fertilizer plant, setting new industry standards for operational excellence.

His technical prowess particularly shines through in his approach to complex challenges, from innovative cooling tower rehabilitation to leading multimillion-dollar turnarounds with zero safety incidents. His forte in machinery diagnostics (resolved major issues in Turbines & Compressors, where even OEMs couldn't provide a solution), multiple plants operational/managerial experience, challenging the status quo to bring the required efficiency in the operational domain. To his credit are several very unique technical resolutions of highly critical/complex problems, attempted for the first time in the industry.





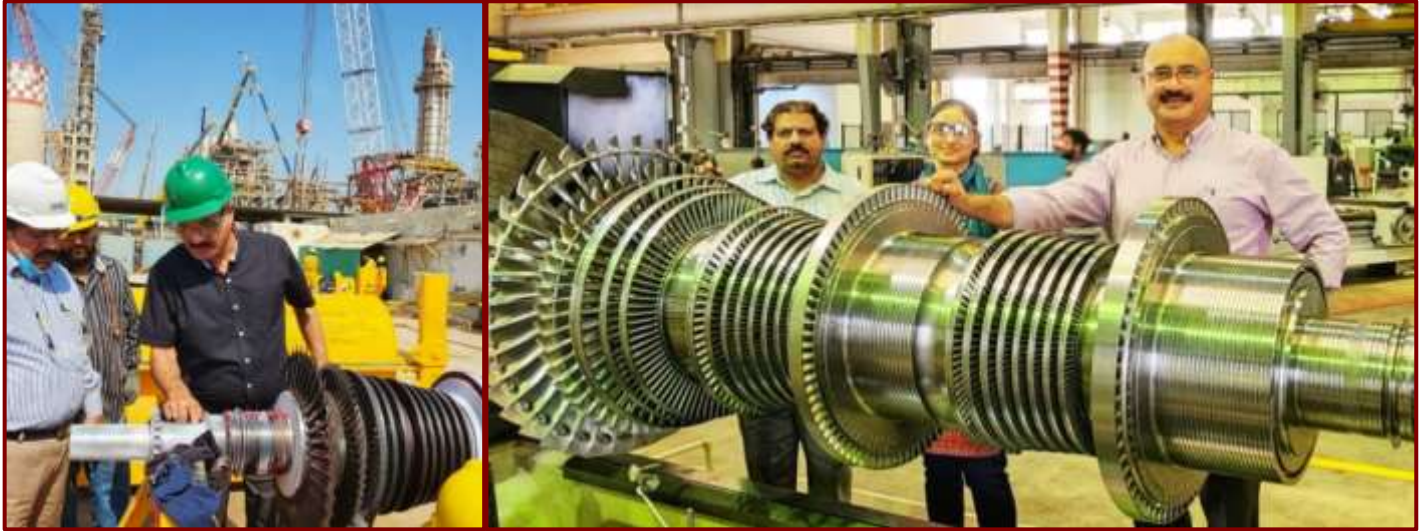
Perhaps Shahzad's most enduring legacy lies in his commitment to human capital development. He revolutionized Engro's approach to talent management by creating the "Transitional Training Model" and establishing the Engro Virtual Academy—dubbed the "Netflix of Knowledge"—which transformed how industrial knowledge is shared and preserved. His innovative "self-value add" performance model has become a benchmark for decision-making quality in the industry.

He has read papers in the International Symposium on Vibration Technology/Diagnostics.

As a change agent, Shahzad has consistently pushed boundaries in organizational development. He redesigned operational frameworks by introducing strategic "conflict by design" principles that enhanced efficiency while maintaining accountability. His leadership in safety transformation moved Engro from a compliance-driven model to a risk-based approach, achieving the remarkable milestone of zero TRIR (Total Recordable Incident Rate) during both normal operations and turnarounds.

Today, Syed Shahzad Nabi continues to influence Pakistan's industrial landscape through his roles on various boards and his ongoing commitment to mentoring the next generation of leaders. His career serves as a testament to the power of combining technical excellence with human-centered leadership—a philosophy that has not only driven business success but has also created lasting positive change in the communities he serves.





A passionate advocate for continuous learning and development, Nabi remains actively involved in leadership training programs, sharing his wealth of experience with government officers and corporate executives alike. His legacy is not just in the operational excellence he achieved or the innovations he introduced, but in the countless leaders he has mentored who now guide Pakistan's industrial sector into the future.

Adil Khusro -Mechanical Engineer

From his beginnings as a mechanical engineer to becoming the Managing Principal and CEO of AMC Consulting Engineers & Project Management Services, Adil Khusro's career is a testament to commitment, innovation, and leadership in the field of mechanical engineering. With 29 years of experience across Pakistan, the UAE, and Saudi Arabia, Khusro has become a trusted leader in MEP (Mechanical, Electrical and Plumbing) project management.



Graduating from NED University of Engineering and Technology in 1993 with a degree in Mechanical Engineering, Adil was well-regarded for his intellectual curiosity and innovative mindset. His thought-provoking questions on energy efficiency earned him the nickname "Professor" from Dr. Muzaffar, foreshadowing his future leadership in mechanical engineering.

Adil's career progression reflects both technical expertise and leadership. He began as a Mechanical Design Engineer and quickly moved into roles of increasing responsibility, always demonstrating technical acumen and the ability to lead large teams.

Shortly after moving to the UAE, he was promoted to Head of the Design & Engineering Department within three months. His first project there—the Arabian Wildlife Center—was transformative. Working alongside an Australian wildlife consultancy, Adil designed HVAC, plumbing, and firefighting systems for the zoo's specialized enclosures, each carefully controlled to suit the unique temperature and humidity needs of reptiles, birds, and wild animals. The success of this project marked him as a respected figure in the company and brought client recognition, establishing his reputation on iconic projects in the UAE and KSA.



The Legends

One of the defining moments in Adil's career was his transition to Project Director roles in Saudi Arabia, where he oversaw high-profile projects like KAP (Ministry of Interior) projects in Riyadh. Managing teams of 85 engineers and over 2,500 laborers, he demonstrated strengths in risk management, quality assurance, and cross-functional coordination—skills he would later bring to AMC.

In 2019, Adil established AMC Consulting Engineers & Project Management Services. His vision was to build a consultancy specializing in complex HVAC, plumbing, medical gas, process piping, firefighting systems, and more. Under his leadership, AMC has grown into a trusted partner for engineering solutions in healthcare, industrial, and commercial sectors.

Some of AMC's notable projects under Adil's leadership include:

- Coronet Food Pvt. Ltd.: Design and supervision of a centralized HVAC hybrid system integrating advanced chillers, ventilation, and plumbing.
- OMI Hospital: Installation of sophisticated HVAC and building management systems, ensuring a safe and controlled environment for patients.
- Service Tire Industry: Design of a waste heat recovery system and steam boilers, showcasing Adil's commitment to sustainable engineering practices.



Adil's professional accomplishments have garnered recognition from peers and industry leaders for his contributions to MEP engineering and project management. His innovative approach to lean construction methodologies has saved clients significant time and resources, earning him a reputation for efficiency and reliability.

Beyond his professional achievements, Adil is committed to giving back. He has been involved in projects like the Thalassemia Care Center, where he applied his expertise to improve healthcare

facilities for underprivileged communities. His passion for societal well-being extends to mentorship, where he has guided numerous young engineers, fostering a culture of learning and ethical responsibility in engineering.

Adil envisions AMC expanding into new markets and exploring advanced technologies in sustainable engineering. His commitment to continuous improvement and innovation drives him to stay at the forefront of industry trends, from automation in building management systems to green engineering practices that reduce environmental impact.





In a career defined by resilience, innovation, and leadership, Adil Khusro stands as an inspiration to emerging engineers. His journey from a curious university student to a distinguished leader in MEP project management is a story of dedication and unwavering pursuit of excellence, serving as a guiding light for future generations in mechanical engineering.

Khurram Nadeem - Mechanical Engineer

Khurram was appointed in 2022 as a consultant to lead a new technical organization supporting Saudi Aramco Base Oils - Luberef business, managing the relationship and product development with key internal & external stakeholders. Before that, he was the Senior Sales Director at Castrol, KSA since 2013, with responsibility for managing the development and implementation of company critical goals and KPIs. He also worked on numerous assignments at Shell International, which covered technical, marketing, sales and business development, during his career at Shell International from 1995 – 2012. He was also rewarded as an “[outstanding coach](#)” by Shell Global Leadership.



Khurram completed his bachelor's degree in Mechanical Engineering from NED University in 1996, he earned an MBA degree from [Preston University](#) with a major in marketing. He has also earned an entrepreneurial essentials online certification from [Harvard Business School](#). Khurram is actively involved in professional and societal activities focused on the advancement of education, people, and technology development. He is currently a member of the Saudi Council of Engineers and the Pakistan Engineering Council. He also represents Luberef at the FLEET consortium established under the patronage of the Oil Sustainability program of the Ministry of Energy and KAUST.



Khurram is happily married with two children. He is a passionate Harley Davidson rider and loves to spend time with family and support the community.

So let's start, My fellow NEDians, I can assure you success if you focus on continuously developing one person, i.e. “YOU”. First of all, I am truly humbled by the opportunity provided by my prestigious university, NED to tell you about my life transformational journey. Reaching to a consultant level at the largest company in the world from the streets of Preedy in Karachi is because of the blessings of Allah and untiring support from my family, especially from my role model, my mentor ... my mother.

We grew up in a neighborhood where one's biggest dream was to get hired in the police department as a

constable or as an assistant -ub inspector, if you are lucky and educated till intermediate level. My father served in the Police force for entire life, while my mother worked almost all her life in the Sindh government department. Both my parents worked to make ends meet. Education was literally





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the first priority even before food at times. I remember my mother making sure that we attended our lovely school (Cantt public school) daily without fail even on the first day after summer holidays and last day before summer holidays when there was usually very little attendance. I used to argue with my mother about it, but she always says that if the teachers were attending you must attend too for two reasons: a) sheer respect for teachers b) no lessons should be missed. She always won in this matter.

With three more siblings, it was difficult to have new uniforms and books every year, therefore, I usually got the used books and uniform from my older brother. By the way, this was an advantage of studying in the same school. My mother very neatly used the old calendar white papers to wrap my copies and books so that they looked like new. I will always cherish this fond memory. I also remember well my father reading the newspaper daily without fail, and that built a habit in all of us to read newspapers regularly. It helped us stay in touch with current affairs and also helped us improve our language and communication skills from a very early age in our lives.

My father, being a very artistic person with a good voice and sense of rhythm, always motivated me to recite HAMD and NAATs. He also pushed me towards debating. I remember he never missed any opportunity to push me in front of a large crowd to sing, recite or debate. This helped me big time in developing my communication skills and gave me the confidence to stand up in front of any situation and person at any time.



Our family was keenly focused on developing our values, especially on being honest, hardworking, respectful, clean and mannerly. The greed of money never came to our hearts as we knew that family, health and character are much more important. We have been taught that money is the byproduct of value you create for yourself and others, and hence, the focus is always in creating meaningful value.

My life turned positive when one of my family members challenged me to secure the top position in the class, I gracefully accepted this challenge. I secured 2nd position in the 9th standard, and since then, there is no turning back, as nothing tastes better than success.

After completion of my matriculation exams, I got admission in D.J. College in Pre-Engineering. Here I met some very nice friends who supported me in securing an A grade in intermediate exams. Fellows, I must tell you that having good friends is one of the biggest blessings from Allah. Due to good scores, I got admission in NED University in 1990 in the mechanical engineering department. I paid only 480 PKR for the first year as fee at NED, (whenever I tell my kids about it, they don't





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believe me that I studied for almost one year for almost 2 dollars by today's conversion rate). I will always be in debt to our great university, NED.

Getting into NED University was a dream that came true. This was the turning point in my life. I cherished every moment spent at campus, engaging with students, learning from the best-in-class teachers and enjoying amazing facilities. There are some very interesting memories of NED that I want to share, firstly our book bank that used to lend original versions of books to the fortunate few. Practically, if you want to have the full course books, then you need to be at the book bank window by 3:00 am in the morning. I remember I and my other 3 friends used to sleep in front of the book bank on the day of distribution... great times. Another very interesting fact about NED at that time was our POINTS. Those were the branded NED buses that provided pick and drop-off services to students. I cannot express the proud feeling of embarking on the points from the bus stops. I still remember, our canteen, playgrounds, literary, mech corner etc and above all, the joint late-night studies at a friend's place were second to none.

NED provided me the platform to be a productive Pakistani and a humble human being.



She completes my life. I still believe that she was the reason for me to be selected for secondment, as she brought in a real lucky charm in my life.

We moved to KSA in 2001 on an international assignment. I felt the burden of being a professional and Pakistani in a new country. I had no Arabic language skills, and during that era KSA was not as modern as it is today. We had to take permission to move from one city to another, but my wife and I were very happy to relocate to KSA. We took the first opportunity and performed our first hajj in 2001. I joined Shell KSA as a commercial manager





and stayed in the Eastern and Central region for 4 years. Because of the commitment, hard work, honesty and my parents' prayers, Shell offered another international assignment in KSA as the marketing manager for Shell Lubricants in KSA, this was from 2004- 2006. I accepted that challenge and turned the business around, registered phenomenal growth and became the market leader in KSA. Again, because of my dedication and commitment, Shell offered me a third international assignment in KSA as a Direct Sales Manager, leading marine and B2B business from 2006 - 2012, with the grace of Allah I turned that business into a profitable one too. We lived in all the major cities of KSA, Riyadh, Dammam and Jeddah during my career at Shell in KSA.

Since KSA is very close to our family value system we decided to stay longer. I joined another world class organization 3M in 2012 after leaving the largest Lubricants company in the world. It was a short venture but full of learning. I learnt how the global stocks positions move due to smaller regions. 3M is the best place for new joiners in the corporate world as it teaches you how to work under tremendous pressure.

After my 3M assignment in 2013, BP Castrol approached me and requested to join as Sales Director for their majority part of the business in KSA. Because of my past Lubricants experience and my commitment to work, I managed to grow Castrol business exponentially. As one says that hard work never goes unnoticed, Castrol, based on the business success, promoted me to Sr Sales Director. I enjoyed and learnt a lot again during my assignments at BP Castrol KSA.

Friends, as you can see that Allah supported me grew my skill set in the Lubricants space and due to this experience, I was offered a position as a consultant in one of the world largest base oil company i.e. Saudi Aramco Base Oil company - LUBEREF. I joined Saudi Aramco Base Oil company in 2022 and since then I am working as a consultant in this beautiful company.

Today, when I look back, I realize that there are few fundamental behaviors that have supported me in being what I am today.

I want to share these gifts with you with a prayer that may Allah make you all great human beings full of life, joy, health and happiness, and may you all make life easy for yourself and others, AMEEN





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Here are these key learnings, I am sure if you practice these you will achieve what you are striving for:

1. *“Say thank you to ALLAH for all the bounties every day.*
2. *Your values need to be guarded well.*
3. *After charter, the one thing you should take care of is your health.*
4. *If you want to change the world, start making your bed first.*
5. *Family first always – unconditional, as they are the ones who will stay with you in thick and thin.*
6. *Choose your friends wisely, if a friend is not stopping you from doing bad things... Is he a friend?*
7. *Never say lies... hardest one to apply, but one should strive for it.*
8. *Wake up early and sleep on time.*
9. *Manage your time well, always prioritize with the most important to the least important.*
10. *Wealth management: 10% Sadaqa, 20% savings/investment and 70% for expenditure.*
11. *Treat your family like royalty, treat your better half like a princess.*
12. *Be the best friend of your kids... they should be able to tell you anything.*
13. *Nothing grows in comfort zone ... you should hate it.*
14. *Read quality books regularly.*
15. *Let go of things, it's good to travel light in life's journey.*
16. *Results are not in your control, but efforts are.*
17. *Love yourself, spend time with YOU, Listen to YOU.*
18. *Work on the concept of Production and Production Capacity. Enjoy, as life is short so live every moment to the full.*
19. *Finally, have an attitude of gratitude”*

تندی باد مخالف سے نہ گھبرا اے عقاب
یہ تو چلتی ہے تجھے اونچا اڑانے کے لیے

Syed Imran Shah – Mechanical Engineer

Syed Imran is a distinguished alumnus of NED University, where he earned his Bachelor's degree in Mechanical Engineering in 1991. Following an initial tenure in the Automotive Industry, he transitioned into the Fertilizer and Power sectors, assuming leadership positions that define his exceptional career.



With over 33 years of diverse experience, Syed Imran has established himself as a versatile professional in business development, project management, contract negotiations, and operational excellence. His career spans a wide array of roles, including engineering and construction management, plant management, strategic business development, HSEQ and enterprise risk management.

One of his most notable achievements is his role as Project Manager in the development of Pakistan's first wind power project. His leadership not only brought the project to fruition but also set the stage for the renewable energy sector in Pakistan. Collaborating with government agencies and global entities such as UNDP, USAID, the World Bank, GEF, and KfW, he helped create a roadmap for renewable energy projects across the nation. This groundbreaking initiative laid the foundation for over

3,000 MW of renewable energy projects in Pakistan and established critical technical, commercial, financial, and legal frameworks now used industry-wide.





A strong advocate for capacity building, Syed Imran nurtured and developed a young team of engineers and technicians who were integral to the successful execution of this landmark project. Under his mentorship, the team not only managed the project's construction and operations but also went on to provide expert services to other key players in Pakistan's nascent renewable energy industry.

Syed Imran's career is marked by his proven ability to lead and deliver complex, large-scale projects across various sectors. From renewable energy ventures to chemical processing plants, infrastructure development, and Thar Coal initiatives, he has consistently driven impactful results through his leadership of multi-functional, multicultural teams. His expertise spans the full project lifecycle, from initial design through to final execution, ensuring seamless delivery on both technical and strategic fronts.



In addition to his engineering credentials, Syed Imran holds an MBA in Finance, complementing his technical expertise with strong financial acumen. His academic interests also extend to Corporate Law, Strategy Formulation, Risk and Crisis Management, Board Effectiveness and the Arabic language, with studies at prestigious universities. He is a member of the American Management Association and has previously been affiliated with the Institute of Risk Management (UK) and the Project Management Institute (USA).

Syed Imran is a prominent public speaker, regularly addressing international and national forums on topics related to renewable energy. His passion for education

and knowledge-sharing extends beyond the podium, as he frequently conducts courses on a wide range of subjects, mentoring the next generation of engineers and business leaders.

His commitment to social development is equally impressive. Through his work with Fauji Fertilizer Company,





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Syed Imran has spearheaded numerous CSR initiatives aimed at improving healthcare, education, and basic amenities for the local communities. His efforts have made a lasting impact, particularly in poverty alleviation and the provision of vocational training in underprivileged areas.

Outside of his professional achievements, Syed Imran is also an accomplished event manager, having organized several national and international events on diverse themes. His passions for photography and travel are reflected in his vibrant travel blog, where he shares his experiences and insights with a global audience, combining his love for exploration with his storytelling skills.

As a proud alumnus of NED University, Syed Imran's career is a testament to his vision, leadership, and unwavering commitment to both professional excellence and societal advancement. He continues to be a driving force in shaping Pakistan's energy future and uplifting the communities he serves.

Nasir Khan MBE – Civil Engineer

Nasir Khan is an accomplished engineer, chartered quantity surveyor, and procurement specialist with expertise in construction law, claims advisory, and dispute resolution. With 20 years of experience in the construction, engineering, and infrastructure industries, he helps clients understand risks and resolve disputes efficiently.

His combination of technical, legal, and commercial expertise positions him as a leader in avoiding and resolving disputes. Recognized as a recommended expert on the Lexology Index for Consulting Experts – Transport, 2024, Nasir is known for his strategic insights and pragmatic solutions.



Nasir's expertise includes managing complex projects, specializing in contract administration, financial modeling, risk management, and advising on bespoke and standard contracts. He also possesses additional expertise in financial audits and due diligence for public contracts. His extensive experience spans sectors such as energy, utilities, commercial property, oil and gas, manufacturing, ports, highways, and rail.



A Fellow of the Chartered Institute of Arbitrators, Chartered Institution of Civil Engineering Surveyors, and the Chartered Institute of Purchasing and Supply, Nasir is also a Professional Engineer registered with the Pakistan Engineering Council. He currently chairs the UK Construction Industry Council (CIC) Liability Panel and is the founding Director and Vice Chair of the CI Arb Pakistan Branch. In recognition of his contributions to equality, diversity, and inclusion, Nasir was awarded an MBE by Her late Majesty Queen Elizabeth II.

Nasir was born and raised in Karachi, Pakistan, and graduated with a degree in civil engineering from NED University in 2003. He began his career installing communication towers across the country, developing multilingual capabilities and practical field experience.





The Legends

Shortly thereafter, he joined Nortel Networks Asia Ltd as a regional civil engineer, leading telecom project rollouts in Southern Pakistan.

In 2005, Nasir moved to the UK to pursue a Master's in Project Management at Queen Mary University of London, self-funding his studies. Upon graduation, he joined Laing O'Rourke UK, rising to Procurement Manager within two years and gaining international experience in lean manufacturing.

Joining Network Rail in 2012, Nasir worked as a Category Manager and later as Head of Commercial for Route Services. He delivered multi-million-pound savings, introduced sustainable practices, and negotiated major claims. His expertise in alternative dispute resolution (ADR) developed further during this period, leading him to qualify as an arbitrator.



Nasir's tenure with Currie & Brown as Head of Contract Solutions involved managing large-scale infrastructure projects like the £300 million redevelopment of the Port of Tilbury and advising on public procurement reforms. In 2022, he joined HKA Global as Principal for Europe, refining his skills in construction expert services. By the end of 2024, Nasir became Managing Director of Rimkus, leading its Advisory, Disputes, and Quantum Expert Services team across EMEA.

Key Achievements:

- **CIArb Pakistan Branch:** Launched the Chartered Institute of Arbitrators Pakistan Branch in 2022, hosting its inaugural conference with over 800 delegates and leading research initiatives like the Pakistan Construction Dispute Report (PCDR).
- **Equality, Diversity, and Inclusion (EDI):** Co-founded Muslims in Rail (MIR), advocating for Muslim representation in the rail industry, and spearheaded the "Just Ask" interfaith dialogue campaign.
- **Academic Contributions:** Guest lecturer at NED University on claims and disputes, contributing to the development of future professionals in construction law.
- **Speaking Engagements:** Delivered keynote speeches at global platforms, including London Build Expo and NED University, on dispute resolution and systematic biases.





The Legends

Nasir is married with three sons and is an active sports enthusiast, holding coaching licenses in football and cricket. He enjoys regular fitness activities, including cricket, swimming, cycling, and weight training.

nasir.khan@rimkus.com

Rehana Salim Ladha – Civil Engineer

Rehana Salim Ladha is a visionary leader and seasoned engineer with a career spanning two decades of exceptional achievements. Currently serving as the Technical Director of Exponent Engineers Private Ltd., she has built an illustrious reputation for her expertise in designing and detailing both structural steel and concrete structures, as well as her outstanding project management and leadership skills.

Rehana's academic journey is a testament to her commitment to excellence and continuous learning. She earned her Bachelor's degree in Civil Engineering from NED University in 2004, graduating with distinction as the third-ranked student in her Batch. To further enhance her knowledge and stay updated with modern design procedures, she completed her Master's degree in Advanced Structural Engineering from Heriot-Watt University, Edinburgh, in 2024, graduating with merit.



Her professional experience is equally remarkable. Rehana has specialized in designing industrial buildings, electrical grid stations, telecom infrastructure, and oil and gas projects. Her proficiency in preparing fabrication shop drawings and managing complex projects is underpinned by a deep understanding of international design codes and standards. Her collaborations with leading global firms—including Saudi-based petrochemical consultants, US-based steel fabricators, and German electrical EPC contractors—have equipped her with a unique perspective on delivering projects that meet and exceed international standards.

Over the years, Rehana has contributed to several landmark projects. These include the vetting of rehabilitation for Gujjar and Orangi Nallahs, the Mapak Edible Oil Refining Plant, the BHP Zamzama Gas Plant, the Linde ASU Plant, Saudi Aramco Oil Refinery projects, and K-Electric TP-1000 projects. She also played a vital role in NJTA Projects in the US, such as the Coney Island and Bruckner Bridge repair projects, and designed the Port Grand Rotary Building under the KPT bridge pier, demonstrating her ability to take on complex and unique structural challenges. Beyond her technical achievements, Rehana's leadership qualities have earned her accolades, including the prestigious Merit Award in the "Young Engineering





The Legends

Leaders” competition organized by *Engineering Review Magazine*. This recognition highlights her innovative approach, problem-solving skills, and influence in the engineering community.

As a leader, Rehana combines technical expertise with exceptional coordination and project management skills. Her mentorship of young engineers and her ability to foster collaboration across disciplines have been instrumental in driving the successful completion of numerous projects.

Rehana’s success story is one of innovation, resilience, and leadership. By constantly enhancing her skills, as seen in her recent postgraduate studies, and through her dedication to excellence, she exemplifies what it means to be a global leader in structural engineering. Her journey continues to inspire the next generation of engineers to aim higher and achieve more.

Kanwal Omair – Mechanical Engineer

A proud alumna of NED University of Engineering & Technology, has carved a remarkable path in engineering, proving that resilience, passion, and purpose can defy all odds. A native of Karachi, Kanwal’s fascination with technology began early—curious about how things worked, she was drawn to machines and mechanics long before she stepped into a university lecture hall.

She pursued her intermediate studies at St. Joseph’s College and went on to earn a Bachelor’s degree in Mechanical Engineering from NED University, Batch of 2000–2001. Entering the male-dominated world of mechanical engineering, Kanwal was one of only 12 women in her department. While the environment was initially intimidating, she quickly found respect and camaraderie among peers and professors alike. Her years at NED weren’t just about academic rigor—they were about self-discovery, personal growth, and learning the art of perseverance.



Beyond the classroom, Kanwal was a standout athlete. A skilled table tennis player, she became the inter-departmental champion and proudly represented NED at both provincial and national levels, balancing academics and athletics with grace.

Kanwal’s professional journey began at M.E. Consult Pvt. Ltd. as a Mechanical Engineer. Not long after, she pivoted into the HVAC industry by joining S. Mehboob & Company—one of Pakistan’s premier MEP consulting firms. There, she worked closely with senior engineers on high-impact projects, gaining hands-on experience and sharpening her technical acumen.

Her next career leap brought her into the product supplier side of the HVAC industry, working with global giants like LG Electronics, Samsung and

Haier. Among them, her strongest affiliation has been with LG, representing the brand for over 15 years.

Today, Kanwal serves as General Manager at Iceberg Industries, an LG Electronics distributor, where she leads an entire department with vision and expertise.





The Legends

Her journey has not been without challenges. As a woman in a traditionally male-dominated field, Kanwal faced her share of biases and barriers. Yet, with the guidance of extraordinary mentors and her own unwavering determination, she not only thrived—she excelled. Her excellence has been recognized through numerous awards, and she continues to give back to the engineering community as a technical speaker at esteemed platforms like ASHRAE and the Pakistan HVACR Society.



To Kanwal, NED was more than an academic institution—it was a training ground for life. She credits her alma mater not just for the education, but for shaping her character. As she puts it, “You can get hired for your grades, but you will only be promoted for who you are as a person.”

Her message to future female engineers is both empowering and timeless:

“If you’re a woman thinking about a career in engineering or technology, go for it. There is a place for you. Your voice and ideas matter. Be brave, take on challenges, and keep learning. The tech world needs more women like you.”

Sobiya Munawar - Architect

With over 18 years of rich, cross-disciplinary experience, Ar. Sobiya Munawar exemplifies the dynamic blend of creativity, innovation, and strategic leadership. Her journey spans architecture, media, marketing, production design, and corporate strategy—culminating in her current role as Head of Design & Marketing at Al-Feroz, where she leads the vision for high-end, mixed-use developments that integrate design excellence with market impact.



A proud graduate of NED University of Engineering & Technology, Sobiya laid the foundation of her architectural career during her academic years by actively participating in student events and serving as a student body member. Her first professional milestone came as a host of an interior design TV show, a role that sparked her passion for spatial storytelling and creative production.

This early experience led her into the world of production and set design, where she contributed to period dramas on ARY and GEO, and later took on the role of Art Director for Gulzar Classics, a critically acclaimed series written by legendary poet and filmmaker Gulzar, and dramatized by Ayub Khawar. Spanning three years, the project allowed her to merge her architectural insight with the visual and emotional demands of storytelling—curating historically resonant locations and designing immersive, era-specific sets.

Her trajectory then expanded into event architecture, where she designed for large-scale events in tech, fashion, real estate, and defense, including TDAP exhibitions, the Lux Style Awards, IDEAS Expo, and e-Banking





The Legends

conferences. She later transitioned into corporate banking and IT, managing high-value client portfolios and honing crucial soft skills in proposal writing, negotiations, strategic sales, and marketing presentations.

Returning to the architecture and real estate sector with a broadened lens, Sobiya began integrating her business acumen with creative direction. Today, she plays a pivotal role in the design, branding, and commercial strategy of luxury vertical developments such as Brentwood Signature 27 (G+30) and upcoming G+45 and G+40 towers—projects that exemplify her expertise in high-rise, mixed-use real estate.



Sobiya's core competencies include leadership, business development, marketing strategy, creative problem-solving, and people management. Her passion for continuous learning and future-ready tools led her to embrace AI innovation—a field in which she now leads as Pakistan's pioneering Generative AI Trainer for architecture, interiors, and real estate.

In her current focus, Sobiya empowers architects, designers, and real estate professionals to leverage AI tools that enhance design processes, automate workflows, and unlock new creative possibilities. She advocates for AI not as a replacement, but as a co-creator that enriches human creativity.

Outside of work, she immerses herself in exploring new AI applications, developing branding strategies for architects, and mentoring young professionals. Her writing and workshops center on helping others understand the powerful intersection of design, storytelling, and technology.

“From hosting design shows and directing TV sets to building city skylines and guiding AI innovation—my journey has never followed a straight path, but that's what has made it meaningful.”

Her story is a testament to how architects can evolve with time—adapting, learning, and leading across multiple disciplines—while inspiring the next generation to design not just buildings, but bold, transformative futures.





Aliya Idris – Electronics Engineer

Graduating from NED University of Engineering & Technology in 2007 with a degree in Electronics Engineering marked the beginning of a transformative journey. The foundation she built at NED has been instrumental in shaping her career and the milestones she's achieved since then. Her time at NED University was pivotal in preparing her for the challenges of the professional world. She is deeply grateful to the dedicated professors and mentors at NED who encouraged me to think critically and explore innovative solutions. Their guidance inspired her to look beyond the ordinary and seek opportunities to create meaningful impact. She says, “The lessons I learned during my time at NED continue to shape my decisions and drive my passion for sustainability and innovation”.



After graduation, she began her career at Tuwairqi Steel Mills Limited as a Design Engineer in Instrumentation and Control and worked with advanced technologies, including Direct Reduced Iron, which is Pakistan's first and largest steel mill with 1.28 MTPA capacity. In the engineering division, she worked on distributed control systems, SCADA, control instruments, critical control system designs, motor control centers etc. These early experiences allowed her to apply the technical skills gained at NED to real-world challenges, setting the stage for future growth.



With a growing interest in sustainability, she transitioned into the renewable energy sector, joining REON Energy Solutions and later Zi Solar Pvt Limited. During this time, she had the privilege of working on several large-scale solar projects, such as the 12.5 MW Grid Tie Solar Project for Fauji Cement and 5 MW Solar Project for Sindh

Engro Coal Mining Company. These projects not only advanced her technical expertise but also deepened her commitment to promoting clean and renewable energy solutions in Pakistan.





The Legends



Joining K-Electric was a turning point in her career. Over the years, she has taken on various strategic roles, including Deputy General Manager – Business Development and Head of Strategic Projects. In these roles, she focused on fostering industrial collaborations, streamlining operations, and driving energy sector innovations like decarbonization and digitization.

Currently, as the Head of ESG, she leads sustainability initiatives that aim to make a lasting impact. Some of the key projects she

spearheaded include, developing a comprehensive ESG framework and sustainability roadmap, Leading waste management initiatives for operational excellence, managing community-focused campaigns like the Roshni Baji Women Safety Ambassador Program and Employee Volunteering Initiatives, collaborating with international partners to secure funding for innovative sustainability projects.



While looking back, she is immensely grateful for her time at NED University, which laid the foundation for everything she has accomplished. The rigorous curriculum, combined with the mentorship of dedicated professors, instilled in her the confidence to navigate complex challenges and the curiosity to explore new frontiers.

From her days as a young graduate with big dreams to leading sustainability efforts at K-Electric, her journey has been fueled by a passion for creating meaningful change. Every milestone reflects not only her dedication but also the solid foundation built at NED University. Her story is a testament to the power of hard work, resilience, and the right guidance. She hopes it inspires others to pursue their passions and make a difference in their own unique ways. Together, we can build a better, more sustainable future.





Muhammad Irfan – Chemical Engineer

Muhammad Irfan, an accomplished chemical engineer, has carved a name for himself in Pakistan's energy sector through his expertise in refinery operations and process optimization. A proud graduate of NED University, Irfan was part of the institution's first-ever batch of Chemical Engineering, a groundbreaking milestone in the university's history.

Despite the challenges of being pioneers in their field, this batch exceeded expectations, shining brightly in the industry and setting a high standard for future graduates. Irfan's journey exemplifies this excellence, as he climbed the ranks to become General Manager (Operations) at National Refinery Limited (NRL).

Over the years, his dedication and contributions have been recognized through promotions and his role in managing complex refinery units. Irfan's hands-on experience in commissioning and startup processes has made him a key player in achieving operational efficiency and safety.

Irfan acquired hands-on expertise in refinery operations during his academic journey through internships at prestigious organizations, including Pakistan Refinery Limited and BOBI Gas, LPG, & Condensate Plant

(OGDCL). These invaluable experiences laid the foundation for a distinguished career at National Refinery Limited, where he has contributed for over a decade. Starting as a trainee engineer, Irfan consistently demonstrated innovation and excellence, steadily advancing to his current role as General Manager (Operations).



As General Manager (Operations), Irfan manages vital units, including the Diesel Hydrotreating Unit, Hydrogen Production Unit, and Sulfur Recovery Unit. Under his leadership, he has spearheaded initiatives to boost production efficiency, optimize resource utilization, and uphold the highest standards of process safety. One of his most notable accomplishments is leading the transformation of NRL's Diesel Plant to meet Euro-V compliance standards, making National Refinery Limited the only refinery in Pakistan to achieve this prestigious milestone.

His previous roles, including Production Manager and Senior Production Manager, involved spearheading shutdown activities, refining operational procedures, and implementing integrated management systems (IMS). Irfan's leadership has been instrumental in achieving annual production targets and fostering a culture of innovation.





The Legends

His rise through the ranks highlights his ability to combine technical expertise with visionary leadership. In addition to his professional achievements, Irfan actively participates in mentoring and knowledge-sharing initiatives. His leadership has inspired young engineers, fostering a new generation of problem-solvers in the energy sector.

His contributions to process safety and environmental sustainability have also been pivotal. Irfan's efforts in implementing IMS and conducting HAZOP studies have set benchmarks for operational excellence and safety in the industry.

Reflecting on his journey, Irfan acknowledges the pivotal role of NED University in shaping his career. "Being part of the first-ever batch of Chemical Engineering was both a challenge and an honor. It taught us resilience, adaptability, and the importance of teamwork," he shares.



Irfan's vision is to continue advancing the energy sector by leveraging his experience to drive sustainable solutions. "The energy industry is at a critical juncture, and I believe that innovation and collaboration will pave the way for a sustainable future," he adds.

Dr. Jibran Shahzad Zuberi – Polymer & Petrochemical Engineer

Jibran Shahzad Zuberi has been recognized for his exceptional academic and professional contributions throughout his career. During his undergraduate studies in Polymer and Petrochemical Engineering at NED University, he was awarded a distinction for academic excellence and a gold medal by the sports department, demonstrating his balanced approach to both academics and extracurricular activities.



Later, while pursuing a Master's degree in Sustainable Environment and Energy Systems at the Middle East Technical University, he was honored with the prestigious Graduate Scholarship. His achievements continued to flourish during his doctoral studies at the University of Geneva, where his research contributed to the Swiss Competence Center for Energy Research. He received the highest distinction ("Mention très bien," meaning "very good") from the jury for his doctoral research on decarbonizing industrial energy systems.

He is currently leading the development of Decarbonization Pathways for U.S. Chemical Industry Transformation, supported by the U.S. Department of Energy, to unlock American innovation. Jibran's ability to consistently achieve excellence reflects his dedication and passion for addressing critical challenges in energy and environmental systems.

Jibran's career trajectory exemplifies his commitment to innovation and sustainability. Currently a Research Scientist at the esteemed Lawrence Berkeley National Laboratory (LBNL), he leads efforts to develop industrial





The Legends



decarbonization strategies, with a focus on technologies such as industrial electrification and carbon capture and utilization (CCU). His contributions to the U.S. Department of Energy's Industrial Decarbonization Roadmap highlight his expertise and leadership.

Jibran's journey began with internships at prominent organizations like Engro Polymer & Chemicals and Midas Safety, followed by an appointment at Midas Safety, where he gained hands-on experience in energy systems and process heat integration. These early roles laid the foundation for his

subsequent applied research, which continues to engage industrial stakeholders and provide critical insights for guiding policymaking and investment in economically viable clean energy solutions.

His doctoral research, conducted within the context of the Swiss Energy Strategy 2050, focused on improving energy efficiency in Swiss industrial sectors. He developed indicators for unlocking efficiency potential, tracked trends, and identified emerging technologies, ultimately contributing to regional efforts to meet the goals of the Paris Agreement and the United Nations' Sustainable Development Goals.

At LBNL, Jibran develops techno-economic strategies for decarbonizing industrial systems. His work involves assessing the limitations, risks, and

benefits of emerging clean energy technologies, while identifying key research, development, and demonstration opportunities. His insights are helping policymakers and industries implement innovative solutions and process designs that reduce carbon emissions and foster sustainable practices.

This professional growth underscores Jibran's ability to translate theoretical knowledge into practical solutions for addressing global challenges.

Beyond his professional accomplishments, Jibran is deeply committed to sharing his knowledge. As a mentor and collaborator, he has worked with colleagues worldwide to promote sustainable energy practices. While his work primarily focuses on industrial systems, its broader implications extend to societal well-being, addressing critical issues such as climate change and energy equity.





The Legends

Jibran's efforts have earned him recognition in both academic and professional communities. Due to his expertise, he has been regularly invited to conduct peer reviews for large funding proposals and prestigious journals in the field, including Applied Energy, Scientific Reports, Energy for Sustainable Development, and Journal of Cleaner Production.

He has also published extensively in high-impact journals, with his work being widely cited by credible organizations such as the World Bank, federal energy agencies, and top universities. This has solidified his reputation as a thought leader in his field.

Additionally, Jibran has been recognized as an Early Career Researcher Expert for the Oxford University Open Energy Journal.

Reflecting on his journey, Jibran attributes much of his success to the foundational education and values instilled during his time at his alma mater, including NED University, where it all began. He emphasizes the importance of persistence, curiosity, and a collaborative spirit in achieving long-term goals.

“My vision is to push the frontiers of research and innovation, striving for a sustainable future. Every challenge we encounter today is not just a barrier but a catalyst for transformative growth and meaningful impact,” he shares.



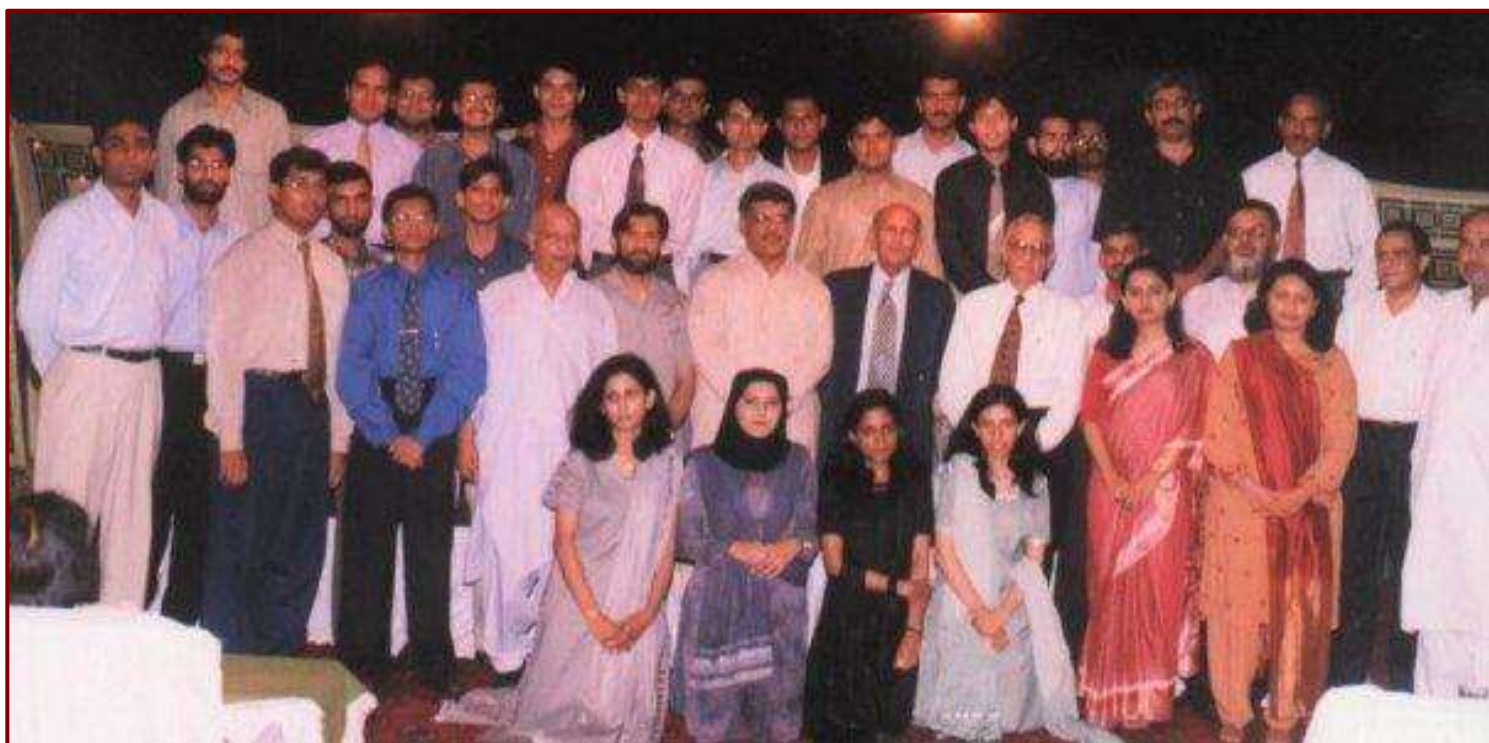


Gallery of Memories





Glimpses from the past; First Batch of Textile Engineering Dept. (1996-97). Courtesy of Engr. Dr. M. Amir Qureshi (First Batch – TXD)



Glimpses from the past; Courtesy of Engr. Nasir Khan





Glimpses from the past, courtesy of Engr. Nauman Hannani – Mechanical, Batch 1978-79.





Glimpses from the past (THE GRADUATE Magazine-88), courtesy of Engr. Mohannad Taha – Civil, Batch 1983-84. A Jordanian, joined NEDUET as a Foreign Student



THE PUBLISHING TEAM
SAIF, OBAID, ARSHAD & TALIB

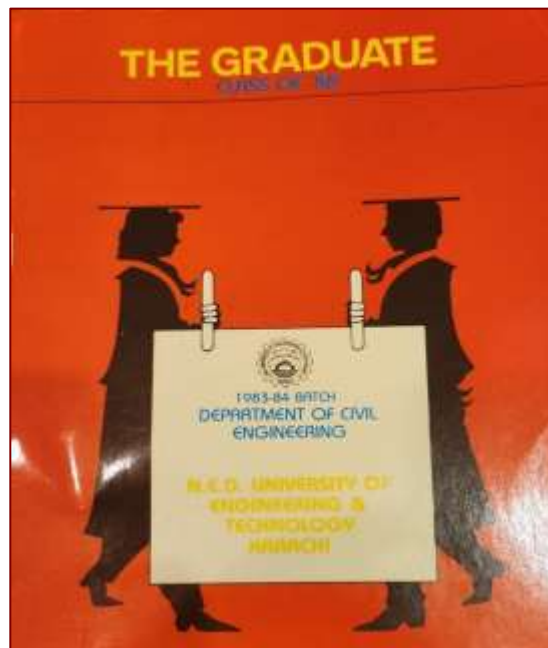


A GROUP OF STUDENTS – ONE OF
THOSE FAREWELL DINNERS



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of multi-storey buildings
Research in structural
analysis of unsymmetrical
structures.



THE LAST HOORAH



PROF. MIR MOHAMMAD ALI TEACHING
SANITARY ENGG. TO SECTION 'A'



(THE GRADUATE Magazine-88)

Sportsmen Of Our Class

SYED ZAHEER HUSSAIN GERDEZI

Football

Zaheer Hussain Gerdezi started playing Football in the year 1976. Zaheer was the House Captain of Sui Secondary School, Quetta Board. Zaheer was then named Captain of the School Eleven in the year 1977-78.

At College level:

At the college level, Zaheer was the captain of the Govt. Degree College Bagh, Azad Kashmir Football Team in the year 1979-80.

At the B.S.C level, Zaheer was again named Captain of University College Muzaffarabad in the year 1981-82.

At District level:

Zaheer represented his District Football Team in the National Football Championship, Azad Kashmir.

In all the above representations Zaheer gave extra ordinary performances and was called to join the camp for selecting National Football Team, due to his admission in the NED Engineering University, he couldn't join the same.

At University level:

Zaheer represented NED Engineering University in the Inter University Football Championship in year 1986-87.

Zaheer was then named the Vice Captain of NED University for the year 1987-88.

Zaheer is also a good athlete and was the best athlete of the year 1978. He also won the Marathon Race of the NED held on 14th August 1984.



YUSUF KHAN

Football

Yusuf Khan started playing football in 1978 and soon became a fine football player. Yusuf Khan has the following year-wise representations:

1979 — Captain of F.G. Public School, Manora, Karachi.

1979-80 — Selected in the Sind Youth Football Team in which his team was the winners.

1980 — Joined Habib Bank Football Team.

1980-81 — Captain of D.J. Sind Govt. Science College Team.

1980-81 — Selected for Karachi Board's Football Team and in 1981 Karachi Board was the winners.

1981-83 — Represented Habib Bank Football Team in the National Football Championships.

1983-87 — Represented NED Engineering University in the Inter University Football Championships and was the Captain of the said team in 1987.

1984-86 — Selected in Pakistan Universities Football Team.

1985 — Selected for Karachi Team which toured China.

1986 — Visited Colombo to represent Habib Bank Football Team in the Asian Club Championship.





(THE GRADUATE Magazine-88)

FINAL YEAR PROJECTS

PLANNING AND MANAGEMENT OF A MULTI-STORYED CONDOMINIUM COMPLEX

PROJECT MEMBERS:

ARSHAD ALAM SHAMSI &
SAIF ULLAH KHAN

Project management, a relatively new facet of civil engineering, is at present gaining importance which once was overshadowed by other major branches of civil engineering. This is due to the fact of high competition among companies thus, resulting in a tight time schedule, low margins and hence enhancing the importance of project management and planning in the execution of civil engineering projects.

The project which the group has undertaken comprises of detailed planning and management of a multi-storyed luxury condominium complex consisting of six identical towers, each of ground plus seven storeys. The group has worked out in detail all the quantities involved in the project. Rate analysis and duration of all the works have also been computed. With the help of computed data, detailed planning was carried out employing the three modern techniques of project management, namely, Critical Path method, Precedence Diagram Method and Project Evaluation and Review Technique, thus evolving a comprehensive net work and critical path of the project. A state of art computer programme was used to check and review all the activities. These results helped in drawing important conclusions. Labour, material, equipment schedules have also been worked out for the entire project.

The exercise has given the group a clear insight in all practical operations involved in the execution of a construction project. The results and conclusions drawn by the group, if used practically can help in reduction of time, cost and efforts considerably.

LOW COST HOUSING

PROJECT MEMBERS:

MASROOR HUSSAIN, FAIZAN MANSOOR, MOHSIN KAZMI,
ATIYA AZMAT & KHURSHED AKHTAR

Knowledge of the techniques and procedures used in professional estimating is sure to be very worthwhile to any one who plans to become involved in building a house.

In this regard, a group of students, namely Faizan, Atiya, Mohsin, Masroor, Munir, Khurshed, worked on a project presenting crystal clear, step by step guide to low cost residential housing scheme. It shows the future home owner how he can save thousands rupees.

The project is a 70 acre land located in KDA Scheme 33, having 1000 units with 500 single storey and the rest, one unit bungalows along with all the necessary amenities. It provides a summary review of all prerequisite background material, applicable mathematics, architectural drawings, specifications. It explains the processes of doing quantity takeoff in precise detail for the construction, site work, concrete slabs, framing lumber sheathing stairs, interior and exterior trim, etc. Each of these discussions includes a concise description of the materials and techniques involved, whereas labour and related costs are also examined. Extensive self testing materials is presented throughout the project.

A housing unit proposed in the project is a typical "Economic Model" which is essentially a quantitative approach to practical engineering and management problem.

The blend of low costing is internationally due to a reason that we belong to the developing countries of Third World. In Pakistan the per head income is merely US\$ 118, so only low rate construction can provide shelters to our homeless people.

In the proceedings of the project major acknowledgement is owed to Dr. M.S. Makhdoomi, Dean Faculty of Engineering and Mr. Nasir Shafiq, their comments and suggestion helped immeasurably.





Alumni Celebrations Around the World





“A 104 Years of Glory- Celebrating the Success of NED University & NEDIANS” – February 2025



The NEDIAN Association arranged the NED Alumni Convention in the month of February in 2025 with the theme “A 104 Years of Glory - Celebrating the Success of NED University & NEDIANS”. It was attended by some notable alumni from every corner of the world which included, Engr. Ashraf Habibullah, Dr. Naveed Sherwani, Engr. Ragib Hussain, Dr. Safwan Shah, Engr. Ghulam Mallick and other dignitaries including Dr. Mohamed Lachemi, the President and the Vice-chancellor of Toronto Metropolitan University.

The Program was hosted by Engr. Sohail Bashir, Chairman IEP-Karachi, who briefed the participants about the legacy of the event which the association has been keeping intact since 2019. The program started formally with the recitation of recorded verses from the Holy Quran followed by playing of the recorded National Anthem. Afterwards, Engr. Sohail Bashir raised the slogan for Pakistan and invited Engr. Asim Murtaza, President of NEDIAN Association. Engr. Asim informed the audience about the Mentorship program for fresh graduates initiated with the support of NED Alumni Association of North-America and NEDIAN Association and requested the participants to become part of it as a mentor or as a financial support and put steps forward in supporting the intellectuals & academia being alumni.

The program proceeded further and some highlights of the events since 2019 were played including the pledges that have been accomplished, were shared and acknowledgement of the donors was also done through distributing momentum. Amongst the most prominent donors were Engr. Ashraf Habibullah, Engr. Amir ul Islam, and Engr. Aftab Siddiqui, on behalf of the NED Alumni Association North America and Mr. Ahmed Ali, and Engr. Mehmood on behalf of ASHARE Pakistan.



The selective highlights of the events are presented below;

Prof. Dr. Saad Qazi gave a brief presentation on the projects that were developed at NED University, and showcased them to seek the support for further industrial commercialization.

The Signing of MoU between NED University and Toronto Metropolitan University, Canada through the support of Engr. Malik Ghulam Hussain, President NED Alumni Association Canada, was discussed. On this occasion, Engr. Malik informed the participants for his efforts in arranging 200 cloud VDIs for the students of the NED University and expressed his desire to extend the access of each student to the desktop





with the support of Mr. Imran Rafeeqi and also briefed about his plan and asked the alumni for financial support for about 800 million PKR.

The Signing of MoU between NED University and Ehhd Consulting Limited and IMEC Engineering Solutions under the Technology Development Project was discussed. The aim of this MoU is to have mutual cooperation for commercialization of Technology developed at the University. Engr. Sohail Bashir pitched several projects and sought the pledges of the alumni.

Fundraising for the Maa-Jee Endowment Fund by Engr. Aftab Rizvi was shared and got several pledges. He also announced his upcoming book in the honor of alumni of NED University “ملنے کے نہیں، ناباب ہیں ہم” who have performed extraordinarily around the world and particularly in Pakistan. He told the audience that the proceeds and earnings of the book will also become a part of the Maa-Jee Endowment fund.

The convention was then addressed by Engr. Raghieb Hussain, Dr. Naveed Sherwani and Dr. Shafwan Shah who appreciated the role of NED University in shaping their career and took pride in expressing their identity linked with NED University.



The then Vice Chancellor of the University, Dr. Sarosh Hashmat Lodi announced the establishment of Technology Development Endowment Fund. NED University is the first university in Pakistan which established that fund. The initial donation of 1 million PKR was made by Engr. Farooq Arbi and some pledge of around 10 million was made by NEDIAN Association Pakistan.

Recognition of Illustrious alumni which included;

- Dr. Naveed Sherwani, CEO National Semiconductor Hub NSH Saudi Arabia
- Engr. Safwan Shah, Founder and CEO Payactive, Inc
- Engr. Raghieb Hussain, President Marvell Technology
- Engr. Najam Ahmed Shah, Chairman, planning and Development board Govt of Sindh





Alumni Celebrations Around the World

- Engr. Jamshed Akhter Danish, Chief Executive, Geotech. Material and pavement Engineering Specialist
- Engr. Saeed Iqbal Khan, Chief Operating Officer/ Director Sazgar Engineering works Limited
- Engr. Syed Muhmaad Daniyal, MD & CEO Siemen Engineering Pakistan Co. Limited
- Engr. Naila Mallick, Consultant- Strategy PARCO
- Engr. Yousif H. Mirza, CEO International Industries Limited.
- Engr. Asma Hashmi, PE, CEO & President JPCL Engineering LLC, Strans Engineering PLLC
- Engr. Aqib Gadit, Founder partner, Disrupt.com Co-founder and Director Gaditeck. Co-Founder and Director, Pure VPN International Industries Limited

Valuing the National Educational Institutes and Pride for NED University



On one of the occasions, Engr. Ashraf Habibullah told the audience that usually when a student graduates from any US University, he is in-debited with a loan of around 250,000 USD which after interest is raised to 1,000,000 USD but there does not exist no such loan on the shoulders of any of the students here in Pakistan.

He also appreciated the curriculum of NED University and told the audience that when he got admission in Berkeley University for Master's program, he did not study for two quarters because whatever was taught there, he had already studied at the NED University.





NED International Alumni Network (NEDIAN) Convention 2024 - NEDUET, Karachi

The NEDIAN Association Pakistan organized an event on 27th April 2024 “NEDIAN Convention 2024-Tribute to Distinguished NEDIANS” at Syed Mehmood Alam Auditorium, main campus NED University. The distinguished alumni from around the world travelled to Pakistan to attend the event, including Engr. Tanveer A. Mallick, Engr. Amir ul Islam. Besides the delegation from Bangladesh, Indonesia, Malaysia, Russia, and the Consul General of the Sultanate of Oman in Karachi, Engineer Sami Abdullah Salim Al Khanjari also attended the event. The mode of the event was hybrid, so that alumni from every corner of the world could participate virtually as well. The event was also broadcast live. The Alumni Association of North America joined the event virtually.

The event was formally hosted by Engr. Sohail Bashir and co-hosted by Engr. Faiza Saeed, and formally began with the recitation of verses from the Holy Quran by Hafiz Yousaf Nadeem followed by the National Anthem. The event began in full swing with the speech of Engr. Asim Murtaza, President NEDIAN. He emphasized on bridging the gap between Industry and Academia by enhancing the trust and mutual cooperation, empowerment of Industrial Advisory Board at universities, commercialization of research, Internship of faculty in industry to understand the mutual needs and to ensure the confidentiality of data. He offered the services of NEDIAN Association to the university, outside its mandate and core functionality of the university for advancement.

In the event the earlier activities held by the NEDIAN association since 2019 had also been showcased in the fulfilment of pledges by the Alumni, other organizations, Government of Sindh and Pakistan through NEDIAN and NED





Alumni Celebrations Around the World



University itself; and a mentorship program for students with the cooperation of NEDIAN association and NEDAN-North America. Some of the fulfilled pledges are Fire Lab, Mosque construction at City Campus, Center of Excellence for Gaming and Animation, Baby Daycare, STEM Center, Smart Classrooms, and three tracks of mentorship program for the students. Engr. Sohail Bashir informed the audience that the worth of fulfilled pledges is around 1 billion rupees from 2019 to 2024 and invited others to contribute to the mentorship program.

The event was further glorified with the speech of Engr. Aftab Rizvi's recorded message in which he talked about his book "Jinhe Main Ne Dekha" and "Maa Jee Endowment fund". He thanked several alumni who supported him with their generous contribution and revealed his plan for more contributions to attain the "No Tuition Fee" policy in future for the NED University.

Engr. Tanweer A. Mallick talked about the contributions NED-ALEF and NEDAN-NA have been making since their inception for the academic and research-based advancement of the university. Syed Ahsan Zafar appreciated the humility within the NEDians and asked the university to focus on character building, Positivity, Improvement of Line Quotient,

preparing female students for their inclusion in the workforce of the economy and to adopt sustainable practices. Engr. Amir ul Islam also appreciated the distinguished alumni for their contributions to NED University which include Dr. Sarosh Lodi, Engr. Murad Ali Shah, Engr. Asim Murtaza, Engr. Farooq Arbi and many more. But he asked to appreciate all those teaching and non-teaching staff who made their efforts that helped the university and its alumni to attain excellence and never excused for the lack of the resources.

Dr. Sarosh Lodi, the then Vice Chancellor, in his presidential remarks, said that NED University is the first public sector institute which has a regulatory framework where it can sell technology, for which he thanked Engr. Asim Murtaza. He also put stress on the synergy between Industry and academia, the need to develop a mechanism and a sustainable platform for mutual working and inform the audience that NED University has stepped into this area.





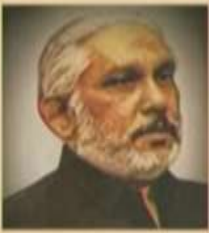
Alumni Celebrations Around the World

He said that the quality of human capital can be improved with the collaboration of Industry and Alumni. He thanked several alumni, his colleagues for the unwavering support they have been providing him for the advancement of the university.

Afterwards, the following illustrious alumni were recognized and token of appreciation was awarded:


Engr. Ahmed Farooq Bazai (H.I, S.I)	Former Vice Chancellor BUTEMS, Quetta	Civil Engineering	1982
Engr. Ahsan A. Siddiqui	CEO, EA Consulting Pvt. Ltd.	Civil Engineering	1990
Engr. Syed Asaad Ayub Ahmad	President & CEO, The Citizens Foundation	Civil Engineering	1984
Engr. Asif Iqbal	CEO, Total Parco Pakistan Ltd.	Civil Engineering	1992
Engr. Khalid Z. Mirza	CEO, ECIL Pakistan Ltd.	Civil Engineering	1984
Engr. Masroor Khan	Chairman OGRA Pakistan	Civil Engineering	1989
Engr. M. Najeeb Haroon	Founder Chairman, Principal Builders	Civil Engineering	1979
Senator Rukhsana Zuberi	Former Chairperson, PEC	Mechanical Engineering	1970
Engr. Saiyed Asif Mahmood	Chairman & CEO, Technoman Group	Mechanical Engineering	1982
Engr. Syed Salahuddin Ahmed, (PAS)	Managing Director/CEO KW&SC	Civil Engineering	2000
Engr. Ahsan Zafar Syed	President & CEO, Engro Corporation Ltd.	Mechanical Engineering	1988
Engr. Amir Ul Islam	CEO/Chairman Jersey Precast, USA	Civil Engineering	1986
Engr. Murad Ali Shah	Chief Minister of Sindh	Civil Engineering	1985

The event ended with a token of appreciation to a few participants, shortlisted via a lucky draw and delegations, and with the presentation of an excerpt from the book of an outstanding alumnus Engr. Nadeem Manzoor Hasan "خمار رفتہ", followed by a vote of thanks by Engr. Muhammad Abbas Sajid, expressing solidarity with the people of Palestine.



خمار رفتہ

تصنیف: نadeem Manzoor Hasan




حرف آخر


اس کتاب کے زیادہ تر صفحات میرے گزرتے سکل سے جڑے ہیں جن کا شمار آج بھی میرے رگ و پے میں سرایت کیے رہتا ہے اور میرے دل و دماغ پہ راج کیا کرتا ہے۔ مجھے کتاب میں موجود کہانیوں اور واقعات کو ہر سر عام کرنے کیلئے انگشت مرتبہ ماضی کے سمندر کو پار کے اس بے نام جزیرے پہ اترنا پڑا جہاں میری یادوں کا خزانہ بے شمار صندوقوں میں دھرا ہے، اس خزانے میں حسین یادوں کے موتی اور غم و الم کی داستانیں بکھری پڑی ہیں۔ آپ صاحبان سے گزارش ہے کہ اس کاوش کو ادب کے ناقد کی نظر سے جانچنے کی کوشش مت کیجئے گا کہ ایک عاشق نامراد کی کاوش ناقص سمجھ کر پڑھنے کا۔

آخر میں بس اتنا ضرور کہوں گا کہ "خمار رفتہ" ناقص اشاعت کے زمرے میں آتی اگر میرے دوستوں، ہمایوں اقبال اور سروش لوہی کی مدد شامل حال نہ ہوتی۔ میں اس معاونت کے لئے ان کا جہہ دل سے سے منقول ہوں کہ یہ دونوں ہی میری ان یادوں کے امین اور کسی حد تک شریک ہیں۔۔۔۔۔

نadeem Manzoor Hasan



نadeem Manzoor Hasan



Muhammad Abbas Sajid





18th NEDIAN – NA, International Alumni Convention, Atlanta, USA October - 2024





18th NEDIAN – NA, International Alumni -2024





NED Alumni Association of Houston (NEDA) 2024 Texas, USA. - Annual Dinner





*Alumni's Contribution in
Advancement of the University*





Launching Ceremony of Book (February – 2025)

The Launching Ceremony of the book “ملنے کے نہیں نایاب ہیں ہم” was held on 20th February 2025 at the Governor House, Sindh. It is second in series of the book “جنہیں میں نے دیکھا” written as part of the centennial celebration of NED University. The author of the book is Engr. Aftab Rizvi, proud alumnus of NED University. It contains profiles of around 37 distinguished alumni. The proceeds of this book would also land in the “Majee Endowment Fund”. The program was hosted by Engr. Sohail Bashir Chairman IEP-Karachi. Currently, some 406 students are availing this scholarship.

Tilawat-e- Quran-e-Pak was credited by Qari Ayaz which was followed by playing of the National Anthem. Mr. Mohammad Lachemi, Vice Chancellor of Toronto Metropolitan University, Canada and Mr. Ghulam Mallick, President NED Alumni Association also attended the event.

The opening speech was made by the President of NEDIAN Association Pakistan, Engr. Asim Murtaza who thanked Engr. Aftab Rizvi who traveled all the way to Pakistan from his home town despite his health concerns. He also thanked the donors of the fund.



Engr. Sohail Bashir told the audience that around 150 million have been donated in lieu of this endowment fund and the new target which is set at 500 million is yet to be achieved. He announced that if there is any donor who is willing to donate 1 million or more, then a lifetime title of that donor's parent would be established in the list of those who are providing this scholarship to any student.

Afterward, Engr. Farhat Adil, read the expressions of various alumni and appreciated their efforts and especially thanked Engr. Aftab Rizvi for writing the books in honour of the distinguished alumni.

The ceremony proceeded further with the speech of Engr. Aftab Rizvi who appreciated the special efforts of the then Vice Chancellor, Dr. Sarosh Hashmat Lodi and Engr. Sohail Bashir because of their efforts, the Maa Jee Endowment fund was established and it went to the point where it is awarding scholarships to the students. He also read the profiles of a few alumni from the book which included Engr. Jamsheed Danish, Engr. Ahsan Siddiqui,





Alumni Contribution in Advancement of the University

Engr. Yasin Saya, Engr. Saeed Iqbal, Engr. Zulki Khan, Senator Engr. Rukhsana Zuberi and Engr. Asad Ashraf Malik etc.



The concluding remarks of the ceremony were made by the then Vice Chancellor, Dr. Sarosh Hashmat Lodi, who thanked the Governor of Sindh, Mr. Kamran Tessuri for allowing us to hold the event at the Governor House and even though he had to leave in between for he was called on for an unplanned departure for an urgent meeting whilst the venue for the event remains unchanged.

The ceremony concluded with the distribution of tokens of appreciation among the participants. A special vote of thanks was also given by Engr. Abbas Sajjid marking the end of the day.



Some other Guests of the Evening





Invitation to Write and Contribute to “The NED Experience”

For Publication of Messages

The NED Experience is a periodic publication of UAFA at NED University that features alumni affairs and university activities. Messages from alumni are included as an essential part of this publication, which is published once every two years. All alumni can directly share their messages. Some guidelines are developed as suggestions for the alumni who will support them in developing a quality message. The message can be sent by clicking the following link and emailing at uafa@neduet.edu.pk.

For the Publication of Success Story

We request all such esteemed alumni who have excelled in their career or possess exceptional achievements can share their success story by the following link and emailing to us at uafa@neduet.edu.pk. These stories shall be reviewed by a panel of peers and approved for publication.

Contribution for Documenting History of NED University

We are interested in documenting the history, memorable events, achievements, and other important information about the university. While major events and landmark developments are well known, it is important for us to acquire individual and collective feedback from our esteemed alumni. It can be in the form of articles, pictures, voice notes which would be transcribed or any other document or form. For Articles and voice notes/interviews few guidelines are developed *which can be accessed by the following and emailing to us at uafa@neduet.edu.pk*

Link for Messages, Success Story, and Documentation of the History of NED University

https://uafa.neduet.edu.pk/write_to_us.html

Way Forward

This fifth edition of NED University Alumni Experience of academic learning and joyful moments of student life is a message of inspiration and motivation for those who dream of becoming a part of the NED University Alumni, those who are fortunate to achieve their dreams of studying at the esteemed institution and a collection of memories for those who have graduated and are working in their respective professions. There is a huge number of NED University Alumni all around the world. The purpose of this magazine is to gather and articulate the voices and experiences of our graduates and alumni from all corners of the world. All NEDians are invited to comment, send feedback and share their experiences as a way forward to this journey.

Please remember that this is the third publication of this series. The spread of our alumni is vast and continuously growing. Therefore, we intend to make this publication a regular feature and publish it every two years. This duration will enable us to gather feedback from our esteemed stakeholders and colleagues. It will also enable us to acquire new messages and perspectives from our alumni.

The Editorial Team
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CELEBRATING

100 YEARS
1921-2021

OF EXCELLENCE



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