

# THE NED EXPERIENCE



A booklet published by the  
University Advancement & Financial Assistance Directorate  
NED University of Engineering & Technology, Karachi

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NED University of Engineering and Technology, Karachi  
2017**

# CONTENTS

*Disclaimer*

*Acknowledgements*

*The Team*

**1. Remembering days spent at my alma mater**

*By Syed Murad Ali Shah, Chief Minister of Sindh*

**2. My Days at NED as a Student .....**

*By Professor Dr. Sarosh Hashmat Lodi, Vice Chancellor*

**3. NED University of Engineering and Technology: Towards New Horizons**

*By Professor Dr. Noman Ahmed, Chairman Department of Architecture and Planning & Acting Director UAFA*

**4. History of Old NED Engineering College**

*By Humayoun Jawaaid Ahmed (C70)*

**5. NED Alumni Successes**

*By Riaz Haq, NED Alumni Association of Silicon Valley*

**6. NED International Alumni Network of North America (NEDIAN-NA)**

**7. NED Alumni Memory Lane**

**8. A Dream Which Can Come True**

*By Professor Dr. Muhammad Tufail, Dean CPE*

**9. NED Facilities and Services**

**10. Memorable photographs of NED Notable Events**

**11. Senior Voices**

*(Experience sharing of Senior NEDians working in the field, from Civil, Electrical, Mechanical, Architecture, Textile and Computer Sciences Faculties)*

## ***12. Messages from celebrated alumni***

## ***13. Younger Voices***

*(Experience sharing of young NEDians working in the field, from Civil, Electrical, Mechanical, Architecture, Textile and Computer Sciences Faculties)*

## ***Way forward***





### ***Disclaimer***

*The messages of this booklet reflect the views expressed by the NED Alumni. The views, facts, information and experiences shared by the contributors are their own and do not represent the official views of the university. The messages obtained and included in the publication are irrespective of discrimination on basis of race, color, age, gender, marital status, or any other basis. Due credit to the available source of information for the articles acquired and included is provided in the publication.*

## Acknowledgements

The editorial team of the booklet is deeply indebted to the support and assistance received from a number of quarters. Thanks are due to the Vice Chancellor, Professor Dr. Sarosh Hashmat Lodi, Pro Vice Chancellor Professor Dr. Muhammad Tufail, Prof. Dr. Mir Shabbar Ali, Dean Faculty of Civil Engineering and Architecture and Acting Dean, Faculty of Bio Medical Engineering; and Professor Dr. Saad Ahmed Qazi, Dean Faculty of Electrical and Computer Engineering; Syed Ghazanfar Husain, Acting Registrar; Mr. Sajeeruddin, Director of Finance; Mr. Ali Zulqarnain, Director Industrial Liaison; Mrs. Shaheen Atique, Acting Chief Librarian and many other distinguished colleagues from the administration of the university for making this initiative possible.

We extend out profound gratitude to all the alumni of the NED College and University who earnestly responded to our requests for sending their messages for inclusion in this booklet. May we state that this volume contains messages from a small cross section of our alumni, which extends to a very vast number. We intend to continue publishing sequels to this publication on a regular basis in the times to come.

We take this opportunity to sincerely thank all corporate groups and organizations that sent their advertisements to make this venture financially viable. One of the purposes of publishing this booklet is to create a fund raising vehicle for our various academic activities and seek support from the private and public organizations. We look forward to benefitting from their generosity in the future as well.

It is our sincere hope and desire that the young folks, who are privileged of obtaining admission in this university, shall benefit from the wealth of experiences shared by their peers. We expect that many of them shall become part of the assorted galaxy of prominent mentions, some of whom are included in this volume.

A worth noting quote by Le Baron Russel Briggs, former Dean at Harvard University shall sum up this discourse :

*“As has often been said, the youth who loves his Alma Mater will always ask, not ‘what she can do for me?’ but ‘what I can do for her?’*



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Chairman, Department of Architecture and Planning  
Acting Director, University Advancement  
and Financial Assistance



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Associate Professor, Department of Textile Engineering  
Acting Director 'Centre for Continuing  
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Department of Computer Science & Software Engineering



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Department of Telecommunication Engineering



**Ar. Ravindar Kumar**

Assistant. Professor  
Department of Architecture and Planning



**Syed Adnan ul Hasan Naqvi**

Staff Member,  
University Advancement and Financial Assistance



### ***1. Remembering days spent at my alma mater***

I am pleased to learn that my alma mater is publishing a booklet titled ‘The NED Experience’ to celebrate the outstanding alumni of this institution. I can state with pride that I also belong to this coveted list, having studied for Bachelor of Civil Engineering about thirty years ago. Naturally, what one becomes in one’s career depends on number of factors. Professional inclinations and opportunities, prevailing trends in the society, market and industry compulsions and even domestic circumstances are influences that help carve the usual paths for our careers. But an important denominator that continues to dominate the advances we make in our lives and work is the contribution of our alma maters. I was fortunate to have studied at NED, one of the premier institutions in engineering studies. As the student lot chosen for NED came from a higher pedestal of academic merit, all of us displayed enormous pride in the fact that we are NEDians. We were taught by some of the most well-known academics and working professionals coming from the field. Our stay at NED was also filled with number of fun related events that made up for a balance in studies and recreation, necessary in university life. I still cherish those fond memories and shall continue to do so in the times to come.

I can observe with great satisfaction that almost all of my batch mates have done very well in their respective careers. It is vital to note that NED brought a significant socio-economic change in the country by transforming many young folks with very humble beginnings to successful professionals. For new entrants to NED, I offer a few words of advice. NED is a familiar name here and abroad. Make the most of it to get your future doors to success opened through this opportunity. Even when you apply to Ivy League institutions in the US with an NED degree, you are treated at par with all those who come from well-known institutions from anywhere in the world. So utilize this factor to the best and excel in your chosen area of work. Hard work and dedication to your profession shall always serve as the winning attribute in your future.

**Syed Murad Ali Shah**  
**Chief Minister of Sindh**

## ***2. My Days at NED as a Student.....***



Despite the fact that Allah Almighty has given me the privilege to head this prestigious institution, I consider my admission to NED and my stay as student of Civil Engineering more than three decades ago, a unique honour. Times and opportunities were very different in those times. Those of us who opted for pre-engineering courses in our higher secondary school level, single mindedly aspired to join NED with very few exceptions. Therefore, getting admission in NED was much more than a dream come true!

Our educational and co-curricular life at NED was worth remembering due to a number of reasons. We lived in simpler times when hi-tech gadgets like smart phones and tablets were unheard off. We spent our time studying and very actively participating in sports. Our teaching faculty was fully dedicated to instill professional knowledge of the highest order. In addition, they made all out efforts to help build our character. I am very pleased to inform you that this noble tradition is stronger in the university today.

In the domains of engineering, applied sciences, architecture and planning education, NED has become a honorable name in this region. Its graduates are spread in almost every part of the world, playing their respective roles in practice, innovation, entrepreneurship and more. Being a public university, it distinguishes itself to be one of the few institutions that impart high quality education at very low charges. I will advise all incumbent students who are enrolled in the university to make the most of their presence and grab any and every opportunity that may come their way.

I wish all of you a very fruitful stay at NED and a bright career in your professional lives.

**Prof. Dr. Sarosh Hashmat Lodi**  
**Vice Chancellor**



*Asad Ashraf Malik*  
PPM: PSP

**Provincial Ombudsman  
(Mohtasib-e-Aala)  
Sindh, Pakistan**



### MESSAGE

I am delighted to know that the NED University has decided to publish an innovative booklet titled "*The NED Experience*". The NED University has been rendering valuable service in the field of engineering and technology since 1922. The university is named after its benefactor, donor, and philanthropist, Nadirshaw Eduljee Dinshaw. The University provides holistic education and is the pioneer in engineering education in the country with modern and comprehensive curriculum to groom students to attain their highest potential -- professionally & intellectually. Undoubtedly the thousands of students who have passed out from this university are making substantial contribution towards national development and economic progress of the nation in the contemporary world.

2. I feel greatly honoured being a part of the university, which was then a College in Old Campus. Not to acknowledge the impact of my alumni on my personal career and growth would be unfair. Kindly continue your visionary mission and make all out efforts to enlighten minds and enhance humanity.

3. Though I did not follow engineering as my career yet the experience gained from the NED enabled me to understand and appreciate the information of modern world and capacity to work with a well defined role in life. All traits inculcated by NED groomed me to stand out among fellow officer and colleagues.

4. I wish a very bright future for my Alma mater.

(ASAD ASHRAF MALIK)  
PPM:PSP

Provincial Ombudsman,  
Sindh



### ***3. NED University of Engineering and Technology: Towards New Horizons***

Nadirshaw Edulji Dinshaw University of Engineering and Technology is one of the oldest institutions for teaching and producing engineering graduates in this country. It was founded as Prince of Wales Engineering College in 1922. The present name was given to it two years later in recognition of generous donation by the family members of the well-known philanthropist, Mr. Nadirshaw Edulji Dinshaw. Historical records indicate that the need for qualified civil engineers for mega projects such as Sukkur Barrage led to development of this institution. The prime pride of NED has been its graduates most of whom have done very well in their respective professional careers. NED alumni have also played a pioneering role in various fields of engineering works after Pakistan came into being. Some domains of professional contribution include consultancy, professional advice, setting up laboratories, research, industrial development, technical training and education, collaborative assignments, entrepreneurship and expansion, quality assurance mechanisms, management of units, design innovations and several others. The work of this invaluable human resource has had far reaching impact over the period of time. Development of indigenous capabilities in design, management and operation of vital industries and enterprises, evolution and expansion of new forms of industrial arrangements in production and support for state policies of industrialization during various regimes are some salient mentions that have been vital for the progress and prosperity of the nation. In other words, this university has played a pivotal role in augmenting technological and industrial development by providing dependable cadres of engineering graduates. A sizable number of these graduates constitute the invaluable human capital in the form of overseas Pakistanis. They are gainfully employed or running their own enterprises in the Middle East, United Kingdom, United States, Malaysia, China, Europe and many other parts of the globe.

The policy and practice of the present day administration in this university assigns the highest priority to quality in education. It took the revolutionary step of obtaining ISO 9000 certification fourteen years ago to structure a quality management system which could transparently ensure prescription and practice of quality oriented approaches throughout the campus. Few outcomes have become very prominent in this respect. The academic year and programs are strictly adhered with despite the odds experienced in the city as a routine. When campus closures occur in consequence of unscheduled holidays, lost time is compensated by organizing extra classes within stipulated period, opening the campus- if essential- even on Sundays and increasing working hours of campuses. Due to the sincere efforts and hard work by the faculty, students and staff members, degree programs are completed strictly in accordance with announced schedules. No delays of any sort have occurred especially since the past twelve years. Follow up on student performance is the most important attribute in academic management in this university. All students are motivated and advised to show cent percent attendance. Under any circumstances, students are not allowed to appear in annual examinations if they possess less than 75 percent aggregate attendance. To keep parents and guardians informed about the regularity of students, letters are periodically dispatched long before the conclusion of each academic year. The parents



then get ample time and opportunity to take corrective action. The campus management teams, while providing congenial environment for optimum learning, also remain vigilant regarding any possible ant-social activities. All such attempts that tend to threaten academic discipline are nipped in the bud in the larger interest of students and their future! And it may be noted that more than 25 percent students are girls. The numbers of the fairer sex is also increasing in ranks of the faculty. Gender sensitivity in terms of safety, security and facilities is a foremost objective of the university administration.

Providing a wholesome atmosphere to students, a large number of co-curricular and sports activities are regularly staged. Debates, exhibitions, seminars, conferences and other such events are a regular feature of the academic calendar. The office of Controller Student Affairs manages these events and activities by carefully synchronizing with the study schedules. In addition, the students are also exposed to the needs of actual working environment through internships in the various industries. Industrial Liaison Directorate keeps close coordination and follow-up with industrial and public sector concerns of various ranks and profiles. The students in third year and other classes benefit from this vital exposure. In many cases, the employment of interns after graduation becomes guaranteed when the prospective employers view the potential and capacities of the students. Institutions take ages to evolve. They take even greater time spans to depict their outputs and potential. But it is an even uphill task to maintain the high standards set during the process of evolution. The NED University has experienced a phase of rapid growth, expansion and development in its recent past. It now comprises three campuses viz main campus on University Road, Latif Ebrahim Jamal Campus on Stadium Road and the City Campus on Maulana Din Mohammad Wafai Road. Twenty eight teaching departments, more than four dozen undergraduate and postgraduate programs, an academy for continuing professional education, three recognized peer reviewed research journals and many research programs are some salient features of the university. For the future, the university is focusing on developing a broad based research culture amongst its faculty and scholars for accelerating generation of worthwhile contributions to knowledge in all the concerned domains.

**Dr. Noman Ahmed**

**Professor and Chairman, Department of Architecture and Planning &  
Acting Director, University Advancement and Financial Assistance (UAFA)**

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#### 4. History of Old NED Engineering College

Several documents can be found with brief history of the College. Most of these begin in 1920 or 1921 and do not say much about the three decades of struggle that preceded the 1921 founding of the NED Civil Engineering College. We dug and came across some interesting facts about the College's history which is quite intertwined with that of the D. J. Sindh Government Science College.

Back in late 19th century, Sindh was an undeveloped province. We came across some documents which then referred to the province as the "Valley of Darkness". But there was a lot of public works and infrastructure projects that were under way. The construction of the railway link that would eventually connect Karachi and Hyderabad to Upper Sindh was under way along with several roads and other projects. To fulfill the need for the overseers for these projects, an "Engineering Branch" affiliated with the University of Bombay had been established in Hyderabad around 1930's. The classes covered fundamentals of constructions and civil engineering and did not lead to any diploma.

As D. J. College got started, the need for technical education was felt very keenly. The first Principal of the D. J. College, Dr. Mullineux R. Walmsley, arrived in 1887 from England with an assumption that the technical education was a major part of the college curriculum. He was very much disappointed with what he discovered and wrote to the College Committee:

*"...that Mr. Kirkham certainly led me to believe, in London, that the position of the Technical Education in Sindh was much more forward than appears to be the case. I cannot therefore help feeling very much disappointed at finding it in the very embryonic state..."*

Dr. Walmsley stayed for about a year and returned to England where he headed Northampton Polytechnic for the rest of his life. The second Principal, Dr. Moses John Jackson, assumed command in early 1888. He was also enamored with Technical Education and for the next 19 years he tirelessly nurtured the science and technical programs. Shortly after he assumed command of the College, the Hyderabad Engineering Branch was transferred to D. J. College, then known as Sindh Arts College and located in its original building on Bunder Road and not where it is now. The new facilities for D. J. College were to be completed in the following five years and provided improved facilities, as described by a former student later.

*"The upper portion of the southern wing ... was taken up by the Principal's office room, the Professors' common room, the library, and the laboratories. On the ground floor of the wing was the Engineering School, the College then being at Poona only. From this school, students who passed out were taken up as Over-seers in the Public Works Department. We used to see them sawing wood and doing other work there."<sup>1</sup>*

With the Hyderabad Engineering Branch transferred to D. J. College, Dr. Jackson and his staff worked very hard to continue developing the Engineering program and established high

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<sup>1</sup> Author's findings and interpretations



standards. He was a disciplinarian and was very strict about the standard of education at the College. Another former student, who studied engineering, wrote this:

*"I was an Engineering student of the D. J. Sindh College in the years 1900 to 1903. Our Principal during this period was Dr. Jackson. No doubt, he was a 'man' amongst men.*

*'My Engineers' he used to call us. We had several classes jointly with the F.A. and the Inter class students of the Arts Course and he would not begin the classes until his 'Engineers' came in.*

*Yet, he was very strict with us... When I joined the Engineering Course in the year 1900, we were in all 21 students... We dwindled down to ten by the time we sat for our Preliminary. Two of us were not certified, and of the eight who were allowed to sit for the Annual. Two were plucked and six were asked to re-appear for a special test, in subjects in which we had obtained two or three marks less or more than the number required. And after all that, only one of us was promoted and the all the rest were declared to have failed."*

The improvement and expansion of Engineering program was Dr. Jackson's pet project. He had set his sights on getting the Engineering Section converted to a diploma program, if not a degree course. The College was affiliated with the University of Bombay. He dedicated years of effort in getting the needed sanctions from the University of Bombay. There was a long trail of circulars and correspondence between Dr. Jackson's staff and the University about the changing requirements and targets set by the University. One of the documents we found noted:

*"It is amusing to find Dr. Jackson failing to get his pet students of Engineering, a Diploma, a piece of paper with permission to attach a few letters after one's name, when a course of teaching that was recognised to be strenuous and thorough, had been completed... amusing to my mind to read circulars containing commentaries on the importance of certain pieces of apparatus for the laboratory before sanction could be received for their purchase, and notes on such unimportant matters as the starting of a Debating Society."*

Dr. Jackson's struggle to get his students a Diploma continued. There was a feeling that the staff at the University of Bombay did not fully understand the needs of the students in Sindh. As early as 1890's, he had written/stated:

*"...the College should, therefore, endeavour largely to shake itself from the shackles of the University of Bombay, and in these matters follow a line of its own... it is not certain that what is thought best for Bombay is necessarily also best for Sindhi students."*

Dr. Jackson's tenure ended in 1907. He had been the Principal for nearly 20 years. He failed to get the conversion of the Engineering Program to a diploma/degree course, but he had laid a sturdy foundation for a demanding Engineering program with very high standards. Eleven years and 3 Principals after his departure came S. C. Shahani. This was an era of post-war boom, optimism, and a lot of activity and principal Shahani's efforts were to bear a reality for Dr. Jackson's dream.

In some documents T. M. Shahani is shown to be the 1918-1927 Principal, but most of the other documents indicate that it was S. C. Shahani

After S. C. Shahani became the D. J. College Principal in 1918, he renewed the efforts to get the Engineering Branch upgraded to a degree college. He ran into the same issues in acceptance from University of Bombay as Dr. Jackson had two decades earlier. In frustration, affiliation with a different university was considered. His struggle would continue for over a decade but finally was successful. The following text of an excerpt from a 1937 document summarizes his efforts and achievement:

*Principal Shahani's greatest achievement was undoubtedly the establishment in 1922 of the Engineering College, now called the Nadirshaw Edulji Dinshaw Civil Engineering College. The Sukkur Barrage construction was on, and engineers had the chance of their life. Principal Shahani conceived the bright idea of having a Degree College instead of a struggling Engineering Branch, and he rapidly put the plan into execution with the assistance of Prof. M. H. Advani, Professor of Engineering, and the Vice Principal (Prof. Butani) who was proposed for the Principalship. The University did not accept this arrangement, and laid down other conditions which seemed incapable of fulfillment. Principal Shahani waged an epic fight to get his Engineering College recognized, and came near to losing it : there was a time when he, in despair, thought of applying for affiliation to the Benares Hindu University. Then Mr. Jamshed Mehta came to the rescue, and through his good offices the magnificent donation of Rs.150,000 was obtained from Mr. Hoshang Dinshaw, which joined to the Rs.40,000 donation of Vishindas Brothers, the Prince of Wales Welcome Fund (Rs.50,000), and other benefactions, placed the N.E.D. College on a firm footing. Rai Sahib Bhupatrai, retired Executive Engineer North Western Railway, worked honorarily as Principal for some time. Mr. G. N. Gokhale, an Executive Engineer in the Public Works Department, was ultimately appointed Principal, and a first class Engineer with British qualification was also appointed (Mr. S. B. Junnarkar), the present Principal). Prof. M. H. Advani of the old Engineering Branch was already there, and some more appointments were made. Buildings and workshops grew as if by magic. The new college shared with the parent college office expenses and expenses on college societies and activities, until it was able to set up a "houses" of its own – when the entire establishment of the Engineering College became separate, only the governing Board being same for the two colleges.*

The following four paragraphs summarize the post-1921 NED history well and are taken from NED University of Engineering and Technology website:

The new college was originally the Prince of Wales Engineering College but later renamed in memory of Nadirshaw Edulji Dinshaw. The NED College was provisionally granted affiliation on 23-05-1923 by the University of Bombay for the first and second year courses in Civil Engineering and 78 students were provisionally admitted into first year classes in 1922. Permanent affiliation followed in February 1927.

The first-full time Principal of NED Engineering College was Mr. G. N. Gokhale who joined on 1st July 1923. Prior to this, Rai Sahib Bhupatrai had acted as Honorary Principal. The first





professor (and Vice Principal) was Mr. S.B. Jannarkar who, along with Mr. Gokhale, did all the spadework in organizing and equipping the various departments and ordering the equipment for the Power House, Boiler Room, Hydraulics Laboratory, Engine Room and Machine Shops.

The original NED Engineering College was housed in four blocks of buildings and two sheds. The main block was named as Seth Fatehchand Dewandas Khilnani Hall. The block housing the Power House, Electrical and Hydraulics Laboratories, and Workshops was named after Bai Puribai and Bacharbai. Further additions were made to this block to provide accommodation for the Machine Shop on the ground floor and a (Mechanical) Drawing Hall on the first floor. The fourth block, completed in 1945, contained a Classroom and Clerk's Office on the ground floor and another (Civil) Drawing Hall on the first floor.

Two sheds were also built, one to house the Carpentry and Smithy Shops, and the other, alongside the Electrical Laboratory and Engine Room, to train technicians. The total cost of the buildings was just over Rs. 265,000 and the cost of equipment (including machinery, electrical instruments; models, steam, gas and oil engines; surveying and leveling instruments), books and furniture was just under Rs. 400,000. The college remained affiliated to the University of Bombay from its inception in 1922 to 1947, after which it was taken over by the Government of Sindh; renamed as NED Government Engineering College and affiliated to the University of Sindh. After establishment of the University of Karachi in 1951, the affiliation of the College was transferred to this University. In 1964 a comprehensive plan was prepared to shift the college from its location in the congested downtown area (where no expansion was possible) to a new site adjoining the University of Karachi. The project was carried out with the assistance of the World Bank which provided Rs.118 millions in two phases and the College was shifted to its new 40 hectare Main Campus in 1975.

Buried in the pages of the history there is one more interesting tidbit. Principal S. C. Shahani had a grander vision. It was his dream - 'day dream' as he called it - to raise the stature of the institution to that of a University to be located on a new site which offered a much bigger space for new facilities and expansion. The D. J. College, the NED College, and the hostel were located in a prime area of the city. The bulk of the funds for the proposed University were to come from selling the sites for the two existing colleges and the hostel. The sale was to realize an estimated 30 to 40 lakhs of rupees. Principal Shahani and the staff worked hard on the scheme, developed the details, prepared the plans, and got it sanctioned by the Board and the Government. All was set to put the plans in motion for building the new University in the Gizri area on the outskirts of Karachi. But it was not to be. The post-war boom declined, and the values of the properties fell rapidly forcing a cancellation of the plans. Both Colleges and the hostel remained where they were.

We owe a debt of gratitude to the great teachers, leaders and donors who made the NED College a reality. These heroes were British, Hindu and Parsi visionaries. It is sad to note that contributions, financial or otherwise, from Muslims were little to none. In going through the D. J. College records, it is apparent that the 1947 partition brought about a mass exodus of non-Muslim staff pushing the junior level faculty to be promoted to higher positions. It can be

assumed that the exodus similarly impacted the faculty at NED.

The two colleges shared facilities, other resources, and the Board for quite a while. The following picture on page 20, taken in 1936, shows the combined staff of both colleges during a visit by the Vice Chancellor of the University of Bombay. The Principal of NED College at the time was S. B. Junnarkar who is in the picture along with Mrs. Junnarkar, his wife. The other recognizable name listed is Prof. A. L. Shaikh who later became the Principal of the D. J. College, and still later, beginning in 1961, became the first Principal for Adamjee Science College, Karachi.

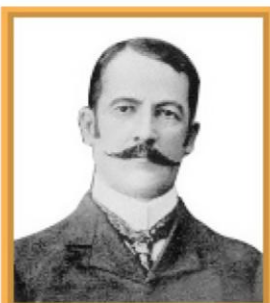
In 1936 the College was still NED Civil Engineering College. But efforts were under way to add the Mechanical and Electrical disciplines to the curriculum. Those efforts were eventually successful. Though the exact years are not known, Mechanical and Electrical Engineering degree programs were added before the 1947 partition and the College became NED Government Engineering College.

**By Humayoun Jawaaid Ahmed (C70)**

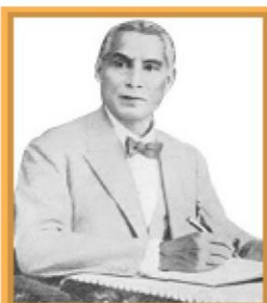




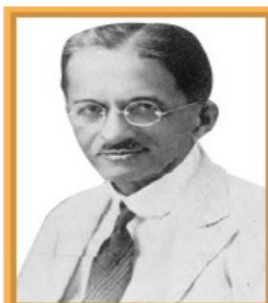
## FOUNDING MEMBERS AND BENEFACTORS



Dr. M.J. Jackson



Principal S. C. Shahani

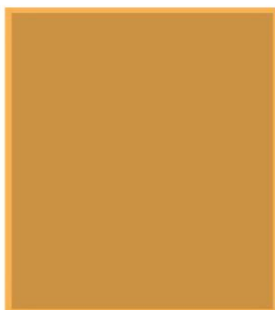


Hoshang N.E. Dinshaw



Nadirshaw Edulji Dinshaw

## PRINCIPALS



Rai Sahib Bhupatrai Hon'y  
1922



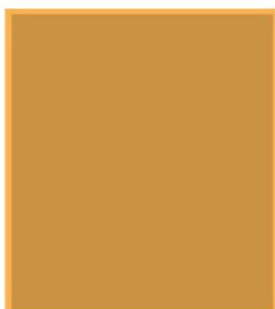
Mr. G N. Gokhale  
1923-1935



Mr. S.B. Junnar kar  
1935-1943



Mr. M.K. Kewalramani  
1943-1957



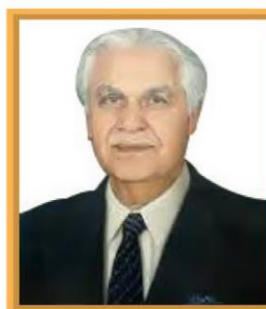
Mr. Rustom E Mirza  
1957-1961



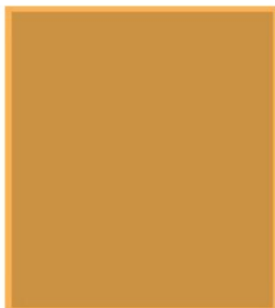
Mr. Syed Mahmood Alam  
1961-1966



Mr. Sirajuddin Ahmed  
1966-1967 & 1972-1972



MP. Illahi Baksh M. Soomro  
1967-1969



Mr. Abdul Hameed Khan  
1969-1970



Mr. Shaikh Manzoor Ahmed  
1970-1972



Dr. Mohammad Ibrahim  
1972-1974



Mr. Ali Nawaz Jokhio  
1974-1976

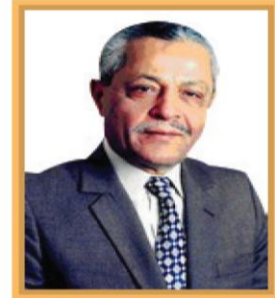
## VICE CHANCELLORS



Engr. A.M. Akhoond,  
First Vice Chancellor



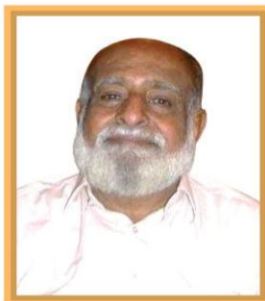
Prof. Dr. A.T. Khan  
Second Vice Chancellor



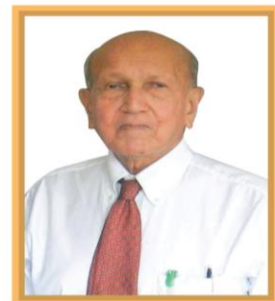
Prof. Dr.-Ing. Jameel Ahmad Khan  
Third Vice Chancellor



Prof. Dr. Mohammad Munir Hasan  
Fourth Vice Chancellor



Prof. Dr. Abdul Qavi Qazi  
Fifth Vice Chancellor



Engr. Abul Kalam  
Sixth Vice Chancellor



Prof. Dr. Muhammad Afzal Haque  
Seventh Vice Chancellor



Prof. Dr. Sarosh Hashmat Lodi  
Eighth Vice Chancellor



## Staff of the D. J. Sindh College and the N. E. D. Civil Engineering College (1936)



Mr. V. N. CHANDAVARKAR, VICE-CHANCELLOR UNIVERSITY OF BOMBAY, IN A GROUP PHOTOGRAPH WITH THE STAFF OF THE D. J. SINDH COLLEGE AND THE N. E. D. CIVIL ENGINEERING COLLEGE (1936)

SITTING ON THE GROUND—(Left to Right) V. S. Gidwani, T. R. Tulyani, K. A. Kalani and D. H. Butani.

1ST ROW—(Left to Right) N. B. Bhattacharya, M. K. Kewalramani, M. G. Punwani, T. M. Advani, H.M. Gurbuxani, N.B. Butani, Mrs. Butani, the Vice Chancellor, Mrs. Chandavarkar, Mrs. Junnarkar, S. B. Junnarkar, M. H. Advani, J. V. Lakhani, G. G. Kewalramani, L. H. Ajwani and Adrian Duarte.

2ND ROW—(Left to Right) M. P. Lakhani, R. C. Advani, D. R. Mankad, G. D. Advani, K. V. Kardile, M. B. Pithawala, G. G. Paldhikar, A. L. Shaikh, J. T. Shahani, G. S. Kotwani, P. J. Bhavnani, T. J. Balwani, M. K. Pirzada, R. J. Thakar, C. S. Narwani and M. U. Malkani.

3RD ROW—(Left to Right) R. M. Khetani, N. B. Bhatt,<sup>1</sup> R. R. Kirpalani, D. P. Row, A. S. Rawtani, L. A. DeSouza, B. N. Mulay, P. H. Advani, J. D. Belani, T. N. Tolani, G. I. Bhagia, A. K. Jhandani, S. G. Khubchandani and B. V. Vyas.

## NED Team Captains of Sports Programs (1970)



From left:

Row 1 (Sitting): Fareeda Ali (E70), Iqbal Abdul Rahman (C70), Prof. Anwar Chowdhry, Prof. Sirajuddin Ahmed, Tasnim Aslam, Student Union President (C70), Hanif M. Karim (C70), Unidentified

Row 2: Mazhar Mujtaba Zubeiri (M70), Unidentified, Mohammad Asghar (C70), Unidentified, Unidentified, Afzalur Rahman (C70).



## NED Mechanical Engineering Class of 1970



## NED Electrical Engineering Class of 1970



LEFT to RIGHT: 1 (Sitting) 1: Abdul Qadir, 2: Tariq Shahab, 3: Irfan Aleem, 4: Iqbal Ibrahim, 5: Hameeda (Mohtaram) Chara, 6: Rafeeda (Siddiqui) Hasan, 7: Fareeda (Ali) Javed, 8: Salim Akhtar, 9: Mohammad Shabbir Shaikh, 10: Asghar Memon Aboobaker, 11: Badruddin Baqai, 12: Zahid Afaq Hakim, 13: Javed Iqbal, 14: Mohammad Arshad, 15: Mohammad Hasnain

2 (Mid Row) 1: Pervaiz Alam, 2: Iftikhar Ali, 3: Srichand Hasija, 4: Shafat Rasul, 5: Zulfiqar Ahmed, 6: Tasadduq Vaince, 7: Mohammad Sameeh Shafi, 8: Wasi Nizam, 9: Dawood Bhatti, 10: Khalid, 11: Abdullah Tayeh, 12: Khuro Dastur, 13: Feroze J Sidhwa, 14: Rehmanuz Zaman, 15: Shahid Hasan

3 (Back Row) 1: Syed Ahsan Ali, 2: Azmatullah Khan, 3: Ahmad Sohail Siddiqui, 4: Shafiq Chowdhry, 5: Irshad Goraya, 6: Sadiq Ali Khan, 7: Aliuddin Ahmed, 8: ???, 9: Kayas Ji-F Dada Chanji, 10: Ismail Lakhani, 11: Mohammad Arif Qureshi

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**Ab Ban Jao Dream Rider**

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www.atlashed.com.pk

**HONDA**

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**McDelivery.**



## 5. NED Alumni Successes

Looking at the worlds of high-technology, engineering, finance, journalism, writing, sports, music, politics or business, you will find NEDians making their mark. Among the sports personalities, you will find famous names such as cricketers Saeed Anwar and Rashid Latif , Asian games swimming medalist Asif Kausar, national hockey player Hasan Sardar are all NEDians. Among the published authors we have Dr. Abul Islam with a book on chip design and Imran Qureshi with a book on Cisco Internetworking, Ali Hasan Cemendtaur with several books to his credit, just to name a few. In the world of music and entertainment, you know and love NEDians Mohammad Ali Shehki , Ali Haider and actor Mazhar Ali who have made their presence felt. In the world of finance you have a recognizable NEDian Zakir Mahmood as the CEO of Habib Bank, one of the largest banks in Pakistan and Mohammad Aboobaker, former Intel executive and venture capitalist in Silicon Valley. In academia, we have Professor Ali Minai at University of Cincinnati and Dr. Khalid Razzaqi at Illinois State and many more. It may come as a surprise to some of you but Arif Mansouri, the executive editor of a newspaper is an NEDian. Recently, several young NEDians have made their names as successful entrepreneurs right here in Silicon Valley. Of particular note are Raghib Hussain of Cavium which recently went public on NASDAQ, Abul Islam of Open Silicon which is likely to go public soon, Rehan Jalil of Wichorus, a high-profile mobile WiMax start-up that just raised its second round VC funding of \$25m. These are just a few names from a long list of very successful NEDian businesses and executives found in the Valley.

Other NED Alumni have had major impact in shaping this high-tech valley through their contributions at well-known local companies such as Cisco Systems, Intel and Sun. Whether it is Intel CPUs, VIA chipsets, Sun Servers, Cavium Security processors, Cisco routers, Diebold or NCR ATMs, you will find NED Alumni fingerprints in creating these products and systems. So many of the advances in Chipset technology and Network Security Processors can be attributed to VIA and VP-Net, both these companies were co-founded by NEDians, Idris Kothari and Saeed Kazmi. Some of the VPNet alumni started Cavium mentioned earlier. Earlier, Saeed, Idris and Zoaib Rangwalla served on the advisory board of another high-flying company called Exodus. Zoaib served as their first CFO. More recently Idris and Saeed have a new start-up called Vertical Systems in the area of hospitality computing. In the field of manufacturing, there is NexLogic, founded by Zulki Khan, an NEDian. In the field of systems and software, away from the semiconductor tradition of Silicon Valley and highly successful without any venture funding, is Infonox (founded by Dr. Safwan Shah, an NEDian). Infonox is a market and technology leader in the delivery of complex financial services on Kiosks, ATM's and other point of service devices. Each of these companies can boast of many fortune 500 customers and millions of users. Cumulatively, these companies and products have added economic value worth billions of dollars.

In addition to the well-known start-ups and mega successes, there are the dozens of NED Alumni who work in the many Silicon Valley high-tech companies that are shaping the future.



Last year, several young NEDians made their names as successful entrepreneurs in Silicon Valley of particular note are Raghbir Hussain of Cavium which recently went public on NASDAQ, Naveed Sherwani of Open Silicon which is likely to go public soon, Rehan Jalil of Wichorus, a high-profile mobile WiMax start-up that has raised tens of millions of dollars in VC funding. These are just a few names from a long list of very successful NEDian businesses and executives found in the Valley.

**About the author:**

Riaz Haq is the President of the NED Alumni Association of Silicon Valley and Chairman of the Convention 2007 steering committee. Riaz has more than 25 years' experience in the hi-tech industry. Riaz has been on the faculties of Rutgers University and NED Engineering University. He has co-founded two high-tech startups, Cautella, Inc. and DynArray Corp and managed multi-million dollar P&Ls. Riaz is a pioneer of the PC and mobile businesses and he has held senior management positions in hardware and software development of Intel's microprocessor product line from 8086 to Pentium processors. Riaz's experience includes senior roles in marketing, engineering and business management. Riaz was recognized as "Person of the Year" by PC Magazine for his outstanding contribution to 80386 program. Riaz earned a MS degree in Electrical engineering from the New Jersey Institute of Technology.





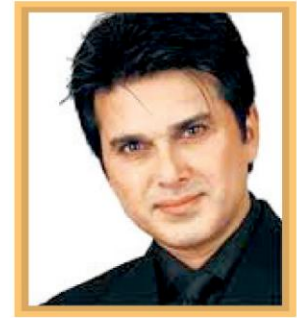
## NOTEABLE ALUMNI



Syed Murad Ali Shah  
Honorable Chief Minister  
Sindh



Mr. Saeed Anwar  
Former Cricketer & Opening  
Batsman



Mr. Ali Haider  
Famous Singer & Actor



Mr. Ashraf Habib Ullah  
Founder & CEO  
Computers & Structures, Inc.  
(CSI) USA.



Mr. Rashid Latif  
Former Cricketer & Cricket  
Commentator



Ms. Asfia Aleem  
First Lady Engineer of  
Pakistan



Mr. Zaid Zaman Hamid  
Political Analyst &  
Commentator



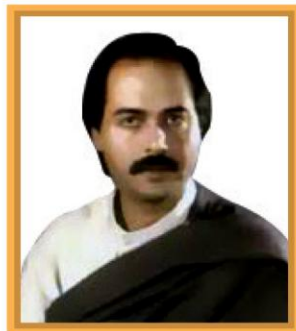
Mr. Musharraf Ali Farooqui  
Pakistani-Canadian Writer,  
Translator, and Essayist



Mr. Hasan Sardar  
Former Olympian of  
Pakistan



Mr. Mohammad Ali Shehki  
Pakistani Pop & Play Back  
Singer



Mr. Mazhar Ali  
Former Television Actor



Mr. Abdul Rauf Tabani  
Founder & President  
Tabani Trading  
International



Mr. Waqar Zaka  
Television Host, VJ and Stunt  
Performer



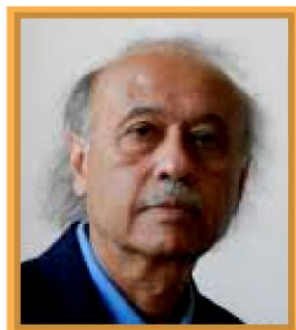
Mr. Aftab Siddiqui  
Founder & CEO Paragon  
Construction



Dr. Ali Ahmed Minai  
Professor, University of  
Cincinnati, Ohio



Mr. Harris Khalique  
Poet, Writer, and Civil Society  
Leader



Mr. Jami J. Shah  
Prof., Mechanical &  
Aerospace Eng., Author of  
several Engineering Journals



Mr. Khalid Raza  
CTO and co-founder,  
Viptela



Ms. Nabiha Mauiyyedi  
Former President IOPWE



Mr. Raghieb Hussain  
Founder/CTO and VP  
Software



Mr. Rehan Jalil  
President and CEO of  
WiChorus



Mr. Riaz Haq  
Co-founder of Cautella, Inc.  
and DynArray Corp.



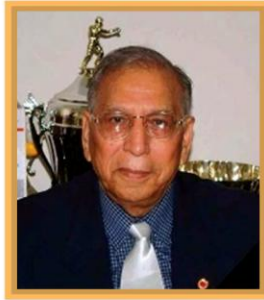
Dr. Safwan Shah  
President and CEO of  
Infonox



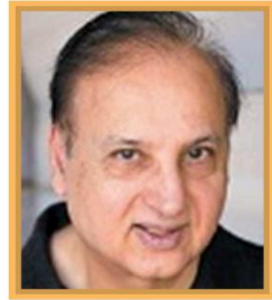
Mr. Waleed Irshad  
Former President  
PTCL



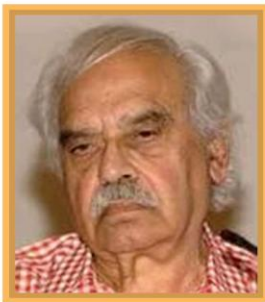
Mr. Zulki Khan  
Founder & CEO of NexLogic  
Technologies, Inc



Prof. Anwer Chaudhry(Late)  
Ex-President International  
Boxing Association



Mr. Hanif Karim  
Former Table Tennis  
National Champion



Mr. Rasheed Araeen  
(World renowned Sculptor,  
Painter, Writer)



Ms. Farhat Ishtiaq  
(Urdu novelist and Writer)



Flying Officer Marium  
Mukhtar Shaheed  
First Martyr Lady Pilot of  
Pakistan





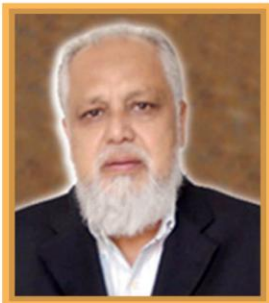
Prof Dr. S M Qureshi  
Former Vice Chancellor,  
MUET Jamshoro



Justice M Athar Saeed  
Former Judge Supreme  
Court



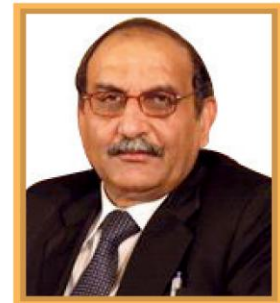
Mr. Jamshed Rizvi  
Former Chairman,  
Institution of Engineers,  
Pakistan (IEP)



Mr. Najeeb Haroon  
Prominent Builder



Mr. Sohail P Ahmed  
Former MD Thal  
Engineering



Mr. Farhat Adil  
Former President, NED Students Union,  
Director Operations at EA  
Consulting (PVT) Ltd



Mr. Zakir Mahmood  
Former President Habib Bank



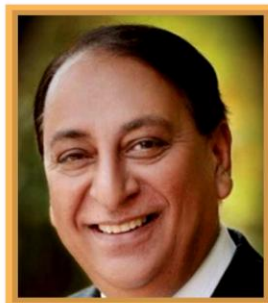
Mr. Aftab Rizvi  
Poet



Mr. Asad Jafer  
MD Philips



Mr. Asad Ashraf Malik,  
Ombudsman



Mr. Rana Afzal  
Parliamentarian



Mr. Asif Mujtaba  
Crickter

## ***6. NED International Alumni Network of North America (NEDIAN-NA)***

### **The Desire, The Need!**

Having lived in this part of the world, we have come to witness and appreciate the involvement of Alumni groups in North America in the supporting their Alma Mater. These groups not only support their schools with donations and endowments but are active in image-building activities of their institutions. We have thus observed, often with awe how, as a group, alumni associations have made a difference for their respective Alma Maters.

In the same vein, it has been the desire of many of us to create a similar active relationship between NEDians world-wide and together work at enhancing the status and reputation of NED. While we had the Alumni base eager to perform, we needed to clearly define objectives, strategies and time-lines to establish a mechanism to channel the enthusiasm and fervor of the NED alumni to accomplish these goals. There had been NED Alumni organizations throughout North America, serving their members as well as NED, independent of each other. Since we believe that “the sum of the parts, is greater than the parts”, we decided that an “umbrella” organization would be more effective in coordinating efforts towards realizing goals that are common to all these groups.

The idea therefore, was to assemble the various NED Alumni Associations across North America, deliberate and form an “alliance” of these organizations. While the member organizations would continue to serve their respective local memberships, the North American NEDian “alliance” would work on matters of common interest. This organization would then communicate with other NED Alumni Associations (Middle East, Pakistan, etc) to create a “global” NEDian alliance.

### **Beginnings:**

As NEDians we share a bond with thousands others around the world. It is with this sense of camaraderie, NED Engineers Association of Greater Chicago, decided to host NED 2010 Chicago – 6th International Alumni Convention) with the theme ‘Bringing NEDians Together’. The objective was not just to bring NEDians together for the weekend, but to create a broad, strong and long lasting NEDian alliance. Towards achieving this goal the Steering Committee of the NED 2010 Chicago (Convention), invited representatives from all NED Alumni Associations in North America plus individuals from regions with large NEDian population (but no formal Alumni Association) and formed the NED Alumni Outreach Committee (AOC). The AOC was made responsible for laying the groundwork for the formation of an International NEDian Alliance, starting with North America.



The first teleconference was held on April 04, 2012. Indeed, assembling the eight Alumni Associations of North America in a teleconference was a significant milestone, worthy of recognition and a congratulatory pause. In subsequent months the delegates worked hard leading to, on July 31, 2012, at NED 2010 Chicago: 6th Alumni International Convention the declaration of establishment of NED International Alumni Network of North America: NEDIAN-NA.

**Aims & Objectives:**

1. Develop a structure, which provides a strong framework for NEDians from different parts of North America (NA), while keeping all of the existing “regional” and “local” Alumni Groups intact, to collectively strive for the achievement of the Mission and Vision of NEDIAN-NA.
2. Facilitate and nurture cooperation and building of understanding and relationship among its members and collectively work to promote the social and professional welfare of its members.
3. To facilitate, support and assist the formation of regional and local NED Alumni Associations throughout NA.
4. Support NED University in constantly improving and upgrading its resources and the quality of its education.
5. To support engineering education, advancement of scientific knowledge and technology, innovation, and research in Pakistan and to become facilitator and conduit of new and emerging technologies from NA towards the goal of improving Pakistan’s social and economic development.
6. To facilitate a greater and better understanding and networking amongst Pakistani engineers and between them and the people of NA.
7. To support the efforts of those who would preserve, protect and enhance the reputation and services of the engineering profession in general and Pakistani engineers in particular and highlight contribution of successful Pakistani-American engineering/science professionals in NA in order to build and improve Pakistan’s image and standing in national and state capitals.
8. Assist current NED students, with information and financially and to assist newly arriving NEDIANs in orientation and adjustment.
9. To work with Educational and Professional Institutions in NA to create Alliances between them and NED
10. To work with other alumni networks for the benefit of engineers and engineering institutions and to institute ways and means to cooperate with other engineering organizations in NA.
11. To foster scientific development and education in the fields of science and technology, engineering and engineering management for the purpose of improving the quality of engineering and thereby the quality of life.
12. Be involved in efforts to improve literacy, education and infra-structure of Pakistan.

## Current Membership:

Currently, NEDIAN-NA has nine Member Associations, as follows

- a. Charter Members:
  - NED Alumni Association of New England NEDAANE
  - NED Alumni Association of Silicon Valley NEDAASV
  - NED Alumni Association of Southern California NEDAASC
  - NED Alumni Association of Tri-state (NJ, NY & CT) NEDATS
  - NED Engineers Association of Greater Chicago NEDEA
- b. Full Members:
  - NED Alumni Association of Washington, DC NEDA-DC
- c. Observer Members:
  - NED Alumni Association of Alberta NEDAAAB
  - NED Alumni Association of Huston NEDA-TX
  - NED Alumni Association of Canada NEDAAC

## Progress:

NEDIAN-NA has provided the platform for bringing NEDians together and combining our resources for the greater good of NED and NEDians. Some accomplishment, albeit small, have been:

- Distribution of scholarships to NEDians, provided by various member Associations.
- Last year funded NED Students' Shell Eco Marathon, Malaysia auto project (with help from NEDA-DC, NEDAASC and NEDAATS). Funding the project again this year.
- Last year, when an NEDian was disabled for an extended period of time, we were able to support the family, till the NEDian was able to work again.
- Facilitating webinar classes for multiple disciplines, using available experts
- Taking ownership of the Annual Conventions and host these in partnership with local NED Alumni Associations.
- More recently, NEDIAN-NA has been in communication with the Administration of NEDUET to review and assist NEDUET in meeting and resolving NED's current financial crisis.
- The single most significant accomplishment was the unanimous decision of NEDians at the DC Convention to establish NEDIAN Alumni Endowment Fund (NED ALEF).





## **Future:**

Some of our aspirations for the years ahead are:

- Provide technical support and know-how for students of NED.
- Become a Registered Education Provider – a program designed to enhance the ongoing professional development, (e.g. PMP, CCM, etc.)
- Conduct technical seminars in collaboration with national professional organizations in USA and Pakistan.
- Coordinate and arrange special classes / seminars at the NED campuses.
- Provide a bridge to the business community and chamber of commerce activities here (US and Canada) and in Pakistan.
- Facilitate and or conduct feasibility studies on infrastructure projects in Pakistan in water resources, transportation, energy, environmental assessment and other subjects of interest.
- Create job-boards to match NEDian (and other Employers) with NEDians.
- Using NED ALEF, run financial assistance programs for students currently at NED.
- Using NED ALEF, establish a mechanism for funding (current NED) student projects.
- Using NED ALEF, finance faculty and student research projects at NED.
- Establish an International NEDians' Alliance for enhanced performance of current and future functions of NEDIAN-NA.

Source:

<http://nedian-na.com/organization/nedian/>

## 7. NED Alumni Memory Lane

### NED Class of 1974 Alumni at Houston Convention 2016



Standing L to R: Moin Ahmad (ME), Sajjad (ME), Riaz Haq (EE), Mohammad Arshad (ME), Sharif Ahmad (EE), Mati ur Rehman (EE), Rashid Yousuf (EE)

Sitting L to R: Shamshad Wali (CE), Wasim Khan (ME), Shahid Mustafa (ME), Dr. Afzal Haque VC NED, Rashid Yousuf (EE)

### NEDATS Eid Milan Party 2014

#### NEDATS Board of Directors at Eid Milan Party



NED Alumni spent an evening with Ali Haider in DFW!



NED Alumni Association of New England  
Connecting Alumni in North America





## Scholarship 2014-15 Coverage in Pakistan News



## Engr. Rukhsana Zuberi with Pakistan Champions at Microsoft Office Specialist World Championship 2016







### ***8. A Dream Which Can Come True***

NED University being one of the oldest engineering institutions of this region has been producing quality engineers since its establishment back in 1922. We have been fortunate to always attract candidates of high merit for admission in this University. Highly qualified faculty members have always strived imparting modern and up to date engineering education to the students. The students were also exposed with hands on experience in the state of art laboratories equipped with modern equipment and sophisticated software. Since, the University has never compromised on merit, therefore, its admission process is also devised in a manner so as the merit in admission is ensured. Every year, innovations are brought-in in the admission process. These innovations further help candidates to apply for admission in a more comfortable manner.



Candidates interested for applying at NED University do fill-in online Admission Form and pay the requisite processing fee at designated banks anywhere in Pakistan. After processing the Admission Form, Admit Card for Pre-Admission Entry Test is issued online. Once the Pre-Admission Entry Test is held and subject to qualifying the test, candidates will be required to enter their HSC (or equivalent) marks on Admission Portal. Thereafter, merit lists are developed and candidates are called for submission of original documents and interview based upon pure merit according to an already circulated Admission Schedule. All information regarding candidates who have passed the pre-admission entry test, their merit position and schedule for interview are displayed on NED University website. Similarly, disciplines are also allocated on a

complete transparent manner in front of all candidates of particular category and their parents in the main auditorium of the University.

It is worth mentioning that NED University is the only institution of the Country where seats are allocated (*under various categories*) based upon the board where the candidates had qualified their HSC examination. This how, each candidate under each category will be competing a candidate who had passed HSC (or equivalent examination) from the same board.

NED University is currently offering degrees in 28 disciplines including 19 engineering, 8 BS and one B. Arch programme with

the intake of more than 2600 students. NED University also ensures that students admitted in the University will maintain their progress, therefore, any students with poor performance has his/her admission cancelled after been given ample opportunity to improve his/her performance under two stage probation cycle. Similarly, attending the classes is mandatory. Students

with having less than 75% attendance are not allowed to appear in the Semester Examination.

Those having qualified from NED University are not only accepted by all industry within Pakistan and abroad but they are also given admissions in renowned institutions all around the World.



**Professor Dr. Muhammad Tufail**  
**Pro Vice Chancellor**





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## 9. NED University Facilities and Services

### FACILITIES

Engr. Abul Kalam Library:

The library collection includes:

- General circulation books which include text books.
- Reference books including encyclopedias, handbooks, dictionaries, manuals etc.
- Periodicals on current lists of subscription as well as volumes of previous issues of journals.
- Government documents & Archive material including Acts and Ordinances, Services Rules, Statistical reports, Census report,
- Survey report, Planning reports and Budgets etc.
- Audio Visual content, CD ROMs, DVDs etc.
- Digital content including EBooks and Journals.



Information Technology (IT) Services:

NEDUET- Campus Management System:

NEDUET-Website

METRO LAN

NEDUET - ISP

NEDUET-WiFi

VIDEO CONFERENCING

Computational Services

Software Repository

Training





## Help Desk

Software and Desktop Support  
Network Support

Hardware Maintenance NEDUET-  
Campus Management System  
(Portal)

High Performance Computing (HPC)

These services are not confined to the main campus but are also extended to the other two campuses of the University.

## Instrumentation Centre

## High Performance Computing Centre

### Facilities Provided by the HPCC

- ☐ Research Support
- ☐ Training and Consultancy

## NED Academy:

Centre for Continuing Engineering  
Education (CCEE)

Centre for Multidisciplinary Postgraduate  
Programmes (CMPP)

FERROCEMENT INTERNATIONAL  
NETWORK:

COWASJEE EARTHQUAKE STUDY  
CENTRE:

SHAKE TABLE TESTING FACILITY:  
ADVANCED MATERIAL TESTING  
FACILITY:

PRODUCT DEVELOPMENT CENTRE:  
DIRECTORATE OF INDUSTRIAL  
LIAISON:

MEDICAL DEPARTMENT:

## OTHER STUDENTS FACILITIES:

Duty Society

Book Bank

Plain Paper Copiers

Stationary Shop

Sports Facilities

Hostel Facilities

Boys' and Girls' separate Common  
Room Transport

## OFFERED DEGREE COURSES

### Engineering Programmes

1. Electrical Engineering
2. Civil Engineering
3. Urban Engineering
4. Petroleum Engineering
5. Construction Engineering
6. Mechanical Engineering
7. Textile Engineering
8. Industrial and Manufacturing Engineering
9. Automotive Engineering
10. Computer Systems Engineering
11. Electronic Engineering
12. Telecommunication Engineering
13. Materials Engineering
14. Chemical Engineering
15. Metallurgical Engineering
16. Polymer & Petrochemical Engineering
17. Software Engineering
18. Biomedical Engineering
19. Food Engineering

### Sciences Programmes

1. Development Studies
2. Management Sciences
3. Textile Sciences
4. Computer Science & Information Technology
5. Computational Finance
6. Applied Physics
7. Industrial Chemistry
8. English Linguistics
9. Architecture and Planning

## NED CAMPUSES

Main Campus, City Campus & LEJ Campus

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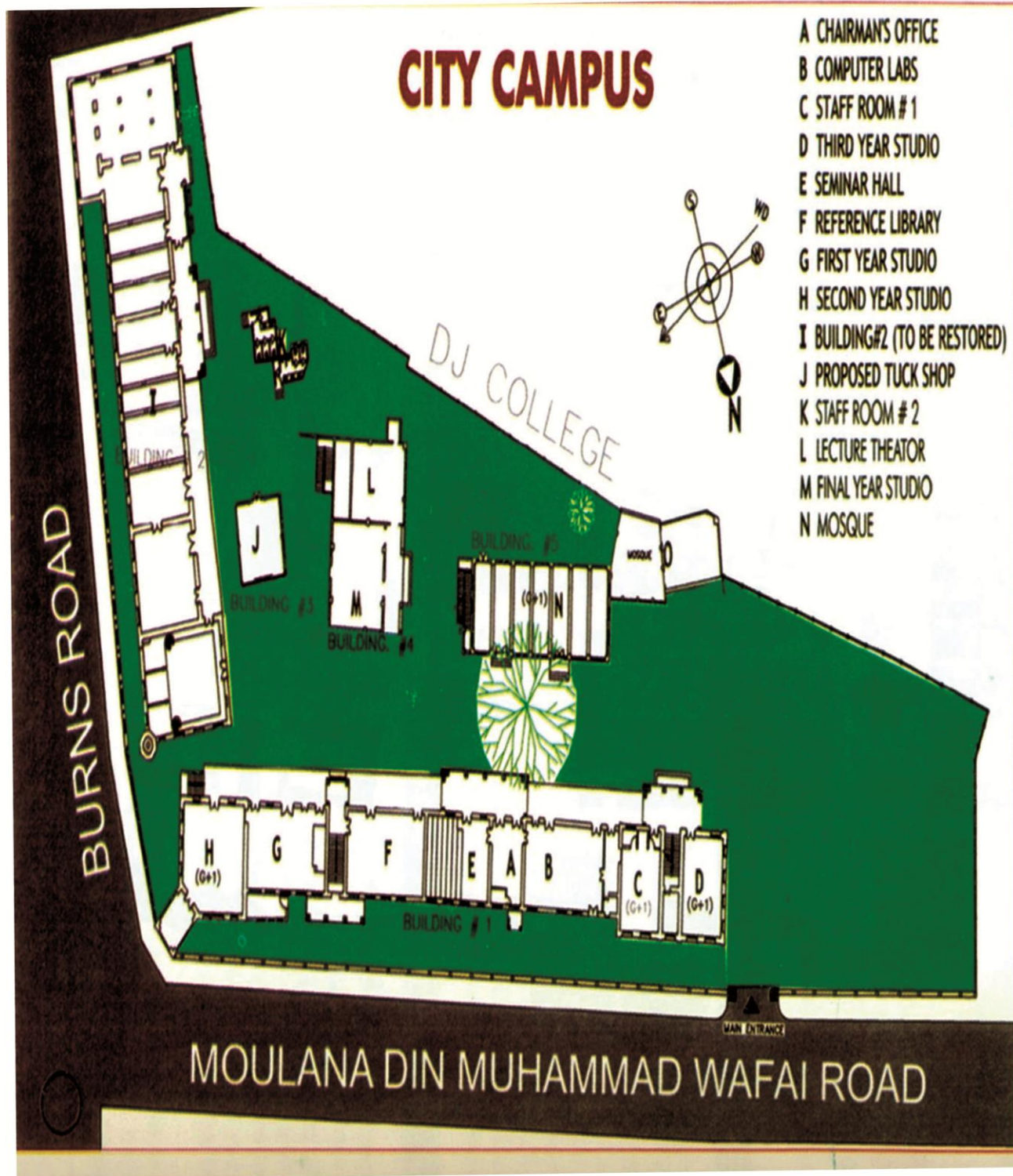
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NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY



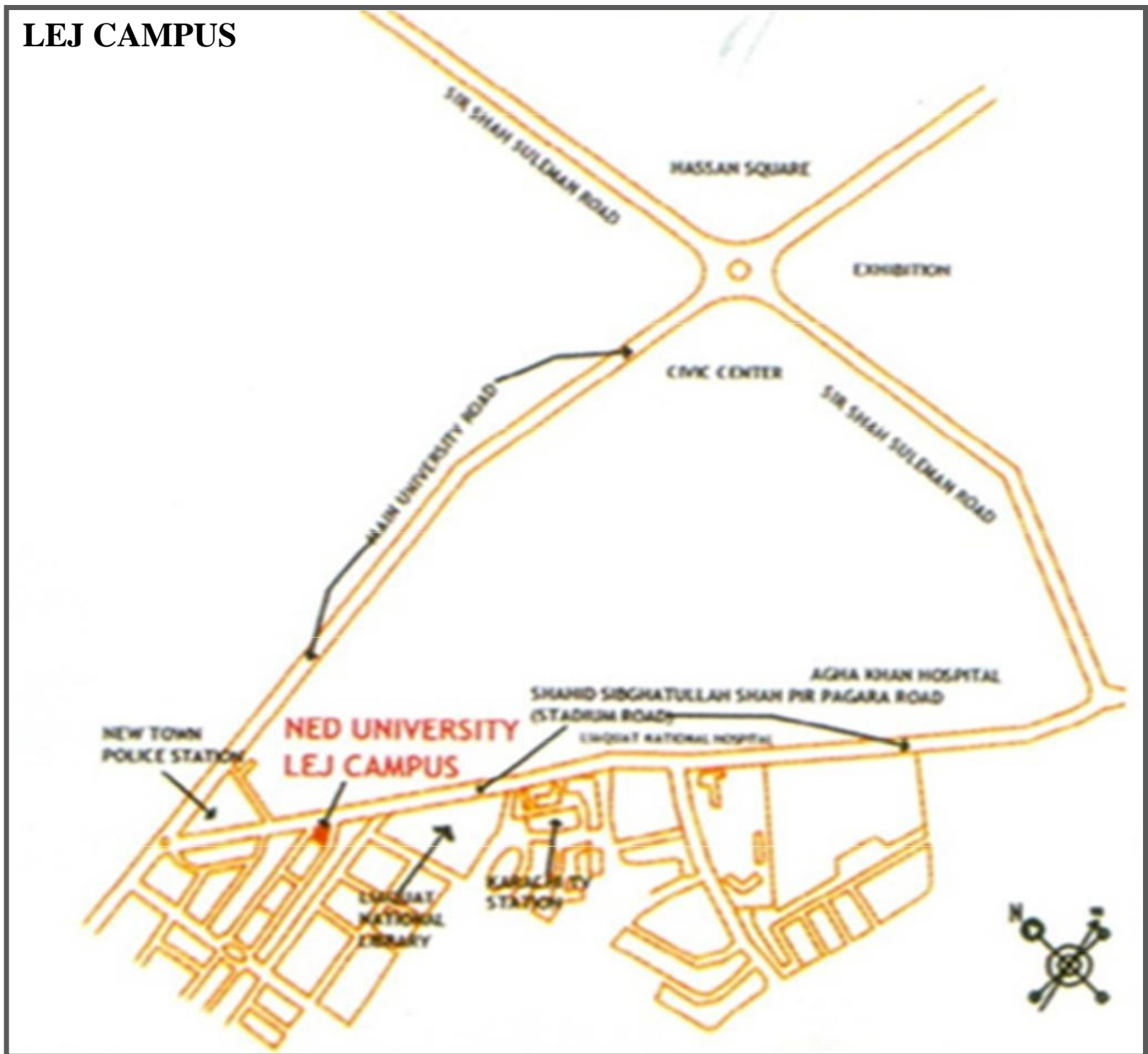


## CITY CAMPUS





## LEJ CAMPUS



## AFFILIATED COLLEGES

Usman Institute of Technology

Institute of Industrial Electronics Engg. (IIEE)

Government College of Technology (GCT)

PAF Institute of Aviation Technology (PAF-IAT)

PCSIR Pak Swiss Training Centre (PSTC)

Karachi Tools, Dies & Moulds Centre

Pakistan Marine Academy



## Events of Extracurricular Activities and Organizers

Events	Organizers
Orientation Programme for First Year Classes	Students' Affairs Department
Web Magazine (INSIGHT)	Literary & Publications Society (LPS)
NED University Games	Sports Section - Students' Affairs Department
Book Fair	Central Library and Students' Affairs Department
NED – Debating Conference	Debating Society /Students' Affairs Department
Spring Festival	Students' Affairs Department in collaboration with All Incharges of the societies, DOS, PMO D.R.(S&G) and nominated faculty members
Behind the Lense Seminar	NED Photography Society (NPS)
Essay Competition	Green Society
Essay Competition (Bilingual)	Pakistan Society
Bilingual Literary Recital Contest	Literary & Publications Society (LPS) & *MOSAIC
Girls' Picnic	Society for Girls' Affairs
Qirat,Naat & Seerat-un-Nabi Competition	Students' Affairs Department in collaboration with Islamic Studies Faculty
Pakistan Quiz	Pakistan Society
Art & Craft Exhibition /Poster Presentation	MOSAIC
Click-It Competition Seminar	NED Photography Society (NPS)
NED Debater Hunt	Debating Society
Tree Plantation	Green Society
Pakistan Tour for Girls'	Society for Girls' Affairs
Jashne Aazadi Games	Sports Section - Students' Affairs Department
Urdu Mushaira	Students' Affairs Department in collaboration with LPS & MOSAIC
Inter Faculty Games	Sports Section - Students' Affairs Department
Project Exhibition & Quiz Competition	SENTEC
NED University Annual Bilingual Declamation Contest	Debating Society
Girls Annual Dinner	Society for Girls' Affairs
"Scribe" – News Letter	Literary & Publications Society (LPS)



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## 10. Memorable Photographs of NED University Notable Events

### All Pakistan Intervarsity Squash Championship 2012



### 13<sup>th</sup> NED Annual Bilingual Declamation Contest 13



### Inter University Basketball Competition 2010



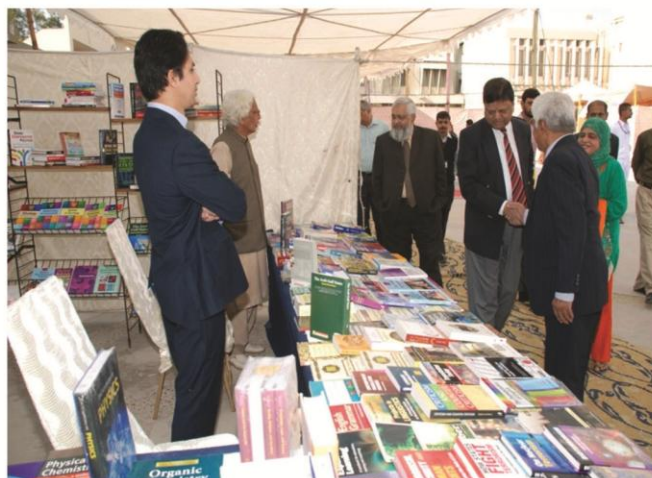


## 13<sup>th</sup> NED University Inter Departmental Games 2010

Sports section – Department of Student Affairs



## Book fair 2016



## DICE Energy 2014 (Symposium / Exhibition / Competition)







### Inauguration of Energy Symposium Center by Dr. Abdul Qadeer Khan



### Environmental Walk by Green Society NEDUET



### Inauguration of Hostel, Student Facilitation Café and newly constructed buildings





### Inauguration of Marium Mukhtar Facilitation Center



### 5th Anniversary Celebrations

#### Annual Function Computer Information Systems Engineering (2002)



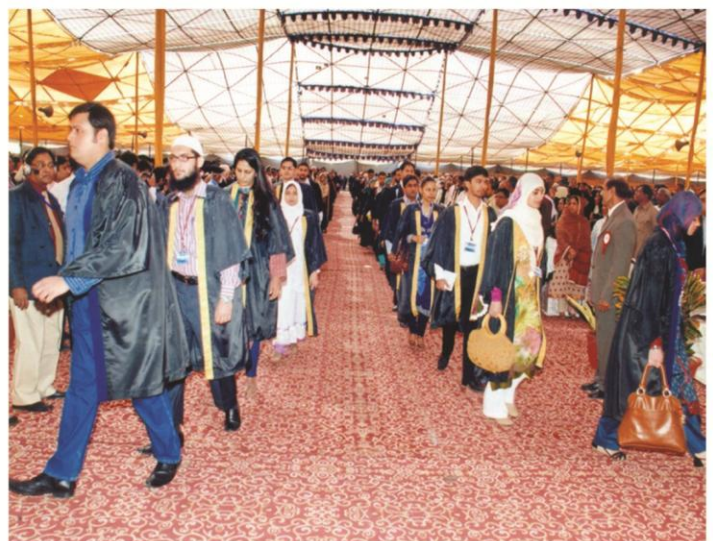
### Independence Day & Spring Festival







# Convocation



## 11. Senior Voices

*(Experience sharing of Senior NEDians working in the field, from Civil, Electrical, Mechanical, Architecture, Textile and Computer Sciences Faculties)*

**Name: Sahibzada Farooq Ahmad Rafeeqi**

*Organization:*

*Former: NED University of Engineering and Technology  
(Retired as Meritorious Professor and  
Pro-Vice-Chancellor in 2014)*



*Organization: Chairman, Institution of Engineers Pakistan ( IEP)*

While attending pre-engineering classes at D.J. Science College it always was a normal routine for the students to watch from the windows of the class room the activities in the lone central lane of the former NED College and each day renewing the faith of becoming part of it. During student union elections, it was a treat to watch the discipline amongst the various groups, the respect for each other, despite slogan chanting by students supporting groups of their liking. The female population though was almost negligible but still the grace they wore always remained a hallmark of this institution. Each passing day at D.J. College intensified the burning desire and provided the impetus of working hard to reach the desired destination. The chimney of this great institution (now “City Campus” housing Department of Architecture and Planning), which started functioning in the first quarter of the last century and to reach its zenith in 1977, though stands tall amongst the surrounding degree colleges, the NED College building, however, itself never showed any desire of even hinting the calibre of its residents who were destined to rank it amongst the great institutions. The four walls and brick and mortar, therefore, does not make an institution a great institution, but it is the environment within it, knitted with enthusiastic, sincere, devoted and hardworking students and the caring, vigilant and devoted faculty. It is this legacy that made NED University a great and an institution making its alumni proud of their affiliation. The university now has a much bigger main campus and two sub campuses with elegant buildings, state-of-the-art equipment and highly qualified faculty, however, the words written above shall stand true for ever, and if at all one keeps on following the above mentioned values/virtues, NED University shall keep and sustain its towering stature.

It is needless to innumerate multitude of International and national success stories, as they are bound to multiply by each passing day, only due to inherent qualities that are being cultivated within such an environment and the aroma of the same enriches the surrounds where the product of such an environment stays even for a while. Within each decade, therefore, one may find NEDIANS excelling around the globe and one may find them in almost all areas ranging from





entrepreneurs to head of organizations, from software giants to top level consultants, from highly acclaimed researchers to top level academics and from high governmental officers to minister and chief ministers. The performances of the galaxy of alumni all across the globe in various fields and areas of expertise provide ample evidence that the traditions and legacy is being kept sacred. With changing times, though the methodology of instructions, instruments of assessment of both students and the faculty, ways of social and literary activities and the form of interaction have changed, however, no one would find a trace of any dent on the basic desire of both the students and the faculty and this coupling of the relationship is still being kept sacred and may Allah SWT keep it intact all along. A failure at this interface would, therefore, be fatal and this is what both students and the faculty have to keep monitoring.

For me and for most of other alumni, the alma mater is like a mother who not only have kept us in its womb for the needed number of years, nourishing, feeding, caring and loving with utmost sincerity and devotion while we were with her, but also transformed us into a product having exceptional demand all across the globe due to humane qualities instilled in us.

The question is, should it be fair for us not to look after our mother when she needed us most, at time of distress and times when she needs our embrace. Many of us from all across the globe have and are doing so good in so many ways by fulfilling their moral obligation which indeed is commendable, however to me doing something for fulfilling one's moral obligation indeed is worth commending, however, doing something out of sheer love conveys an altogether a different gesture and NED University truly deserve the same.

I, by no means be the best example to emulate, however, my conscience is satisfied with what I did for my alma mater at a modest level in a humble way. The University though, in return have enriched my soul with all riches and bounties till my retirement as expected from a mother.

I think the new generation is much more smart, brilliant and intelligent than me and can derive from within the lines the message of their own choice.

Email: [srafeeqi@yahoo.com](mailto:srafeeqi@yahoo.com)

**Name:** Prof. Dr. Muhammad Afzal Haque

*Organization:* Vice Chancellor Sir Syed University of Engineering & Technology.

*Former Vice Chancellor NED University of Engineering & Technology.*



I still remember the day I got admission in NED in 1972. NED then was a college located behind the D.J. College which now houses the Department of Architecture. At that time there was only three departments, Civil, Electrical and Mechanical and the annual intake was 250 students. I was very thrilled to gain admission in this renowned prestigious institution and so were most of my batch mates. The first day I walked in NED I had the biggest shock of my life when I saw the campus as it was even smaller than the institution that I attended last. But I later found out that the proverb 'small is beautiful' is true. Seniors and juniors were all alike. We were like a small family. During our stay at the college we were very proud to be NEDians and always kept our head high wherever we went. Even though we were in small in number but NEDians always use to stand out whether it was curricular or extra-curricular activities. At that time NED hardly had well equipped labs nor highly qualified faculty but it didn't stop us from becoming competent engineers. NED graduates have proved their mettle both within the country as well as abroad. This is why NEDians always stand out and are well sought by employers. We also successfully ran a campaign for upgrading NED into a university which we finally succeeded in 1977. I am proud to be part of it and now even more to head this great institution".



**Name: NoorUddin Ahmed**

*Organization: Institute of Engineers (Karachi Center)*

*Chairperson of SHEHRI (an NGO)*



I graduated in 1966 (as a Civil Engineer) from the NED Government Engineering College and have lived and worked only in Pakistan. NED was affiliated with the University of Karachi like all other colleges of the time.

The 1965 war with India brought out the best in all of us when NEDIANS rose to the occasion and volunteered Military Training, joined the Civil Defense, donated Blood for the wounded as well as donated their Entire Union Fund for the Defense of Pakistan. Our Professors organized the collection of Relief Goods for the affectless of the War.

Up till 1964 the entire Student Body consisted only of boys (numbering about 800), The first girl Asfia Aleem was admitted on Open Merit to NED in 1964 and this act paved the way to girls to take up Engineering as a Profession. We now see hundreds of Girls in the Engineering Field. To this day Asfia is known as THE FIRST LADY ENGINEER OF PAKISTAN.

Graduated from NED have been admitted to the Ivy League Colleges/University of UK and USA and recognized and valued for their contribution in their chosen field of work. Here it is important to give one specific example that of Ashraf Habibullah whose Degree from NED has helped him to become a multimillionaire. He Graduated from NED in Civil Engineering in 1969 and did his Master from the University of California, Berkeley in 1970. In 1975 he established his own Company “Computers & Structures, Inc. (CSI)” and continues to be its President and CEO to this day. CSI is recognized globally as a pioneering leader in the development of software tools for structural and earthquake engineering an it’s software is used by thousands of engineers in more than 160 countries. Some of the ICONIC Structure designed on CSI Software

(1) One World Trade Center (2) The east span of the San Francisco Bay Bridge (3) The Burj-e-Khalifa in Dubai (4) The Centenario Bridge over the Panama Canal. CSI is a Multi-Million Dollar Cp. and is known for its Philanthropic and Technical support to many Universities throw-out the world.

Admissions to the NED are allowed strictly on Merit and a degree from NED and hard work can open the doors of great opportunities and benefits. NED Graduates have made a name for themselves in Pakistan and other parts of the World in Academia. NED has existed for almost 100 years and after 1947 Graduates from the Aligarh Muslim University of India migrated to Pakistan and came to teach in NED. They inculcated in us the culture of sacrifice and service for the benefit of our country.

A Graduate from NED automatically inherits the good will and support of all those NEDIANS who have graduated before him. This is a huge advantage for the Fresh Graduates when they start their professional carriers

**Name: Roland deSouza**

*Organization: Fahim, Nanji & deSouza (Pvt.) Ltd.*



Some of the best years of my life were spent at the NED Old Campus near Pakistan Chowk. A childhood friend, Alan Cordeiro, and I used to cycle (*double-sawari*) about a mile to and from college during the years when the population of Karachi was around 3½ million only (now around 25). The good old days!

Initially, the class (Electrical Engineering Batch 1973) was 59 young men and one young lady (who eventually married a class-fellow), and included Jordanians and Palestinians. After the 1971 war, we acquired another 50 class-fellows from East Pakistan.

The month-long '*Industrial Tour*' in the 3<sup>rd</sup> year through Sindh, NWFP and Punjab up to the Warsak Dam and Swat was fun and games. Don't believe we learnt much! Dr. Abdul Qavi Qazi, who later became Vice Chancellor of the University, accompanied the class and became 'one of the boys'.

The teachers were friendly, dedicated and encouraged us: Anwar Chowdhry, A. Q. Qazi, Dennis Macarenhas, Salahuddin Ahmed, Ghulam Hussein, Munir Hassan, Shamsul Haq, Ansar Hussain, F. G. Khan and many more. Our grounding in the principles of electrical engineering was pretty good, and formed the basis of whatever specialized field we went into after graduation. Somehow, considering the level of engineering application in Pakistan in the mid-70s, I didn't seem to find it necessary to pursue further studies abroad --- and yet, have fared well as a consulting engineer till today.

My training and formation as an engineer has been extremely useful in the many interests I have developed in life, including the environment and human rights. I consider myself fortunate to have had the opportunity to study at 'NED'.

As an NED alumnus, you are fortunate to be included in the 1% of world population who are college graduates. Consequently, you have a duty to share your talents as an engineer with your community and your country so as to improve the lives of others. If you do not, who will? Surely not the majority of the Pakistan that is poor and illiterate.

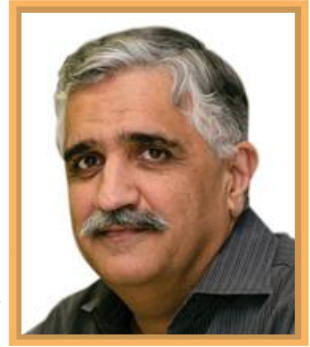
Email: [rvazz1@gmail.com](mailto:rvazz1@gmail.com)





**Name: Mr. Shamsuddin Ahmed Shaikh**

*Organization: Chief Executive Officer Sindh Engro Coal Mining Company & Engro Power gen Ltd.*



I really feel privileged to be alumni of one of the prestigious institutes in the country which has worked as a nursery to produce competent engineers since decades. After my graduation, I got post-graduation education from abroad but still feel that some of NED faculty members are even better than any other university in the world owing to their passion and sincerity with their students. It is really worth to mention that with passage of time NED has not only maintained its education standard but also added several faculties and facilities to meet industry demand. This is the reason that NED graduates are serving the country in all sectors.

When I look back to my career, I always find that NED has really played a fundamental role in my career by providing quality education which has enabled me to achieve my career goals and objectives Alhamdolillah.

Thank You NED and good luck to our young engineers. We are always available to cooperate with NED University.

**Name: Dr. S. M. Makhdumi**

*Organization: Dean Faculty of Engg. & Chairman Civil Engg. Department, Sir Syed University of Engineering & Technology*

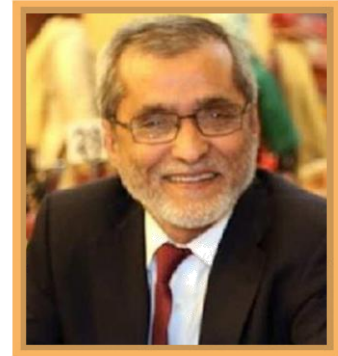


It gives me great pleasure to give a message in the booklet to be published for new entrants to NED University. My experience as a student at the University (at that time college) for four years and the rest of my prime time for 34 years as Assistant Professor, Associate Professor and Professor in Civil Engineering Department (1971-2005) has been really good. I want to advice the new entrants to be regular in their studies and discuss the problems they face in the text with class fellows and seniors as you will never have this great opportunity to learn after your education at the University.

Email: [Dr.\\_makhdumi@hotmail.com](mailto:Dr._makhdumi@hotmail.com)

**Name:** Aftab Rizvi (B.E. Civil - 1978)

**Organization:** *President Toronto Leasing & Management Inc. Toronto, Canada*  
*Continental Associate (Pvt.) Limited Pakistan*



I did my Civil Engineering from NED in 1978. My batch was the first to get Degree from NED University, before 1978 degrees were awarded by Karachi University. In those days when there were not many State owned or private universities available, it was a dream of every Pre-Engineering student to get admission in NED. Who got the admission in NED used to be in a privileged group of academics & was pride of the family.

My experience with NED is full of loving memories with fellow students and teacher. I being part of the Student Union in 1975-76 as Literary and Debating Secretary was a focal spokesman of all students.

NED taught me, How to talk, How to communicate with others, How to respect people who do not agree with your ideology. NED also taught, How to market yourself in Professional World. NED has taught that poors with no financial stability of the family can excel in life by getting good Education here with nominal fee.

Although almost 40 years have passed when I left NED but in my dream I am still walking in corridor of NED with other fellows, paying tribute to those teachers who made Aftab Rizvi an Engineer Aftab Rizvi.

By the Grace of Allah & well wishes of parents & teachers, I have achieved everything anyone can dream. I wish all new comers to establish a sense of belonging to this institution, encourage and help others to come here. Love & Respect Parents, Teachers & Elders. Success will become your destiny. Help NED, Help Pakistan – Long Live NED.

Email: [aftabrizvi@hotmail.com](mailto:aftabrizvi@hotmail.com)



**Name: Sofia Aftab Rizvi B.E. (Civil) 1978 (Formerly Sofia Jamali)**

*Organization: Toronto Leasing & Management Inc. Toronto,  
Canada Continental Associate (Pvt.) Limited  
Pakistan*



I was enrolled in NED in 1974. I was the first Female Engineer from our backward province of Balochistan. Co-education in province of Balochistan was far from imagination but my father Ahmed Jamali & mother Qamar Zia Jamali encouraged me to move Karachi and get admission in NED. I graduated in 1978 and started my professional career with MLC (McDonald Layton Construction & NESPAK).

The golden memory of my stay in NED is the “high level of respect for girls among all students”. Now I have heard that there are thousands of girls in NED, but when I was there, we were only 7 or 8 girls.

Every teacher & student was always available to help irrespective of their political or religious affiliation. This phenomenon of help is engraved in my personality by NED.

NED brought confidence in me. A young girl of 18 years came from a small town of Rojhan Jamali in Jacobabad and settled in Karachi than in Toronto Canada with full confidence. NED IS THE BEST.

Email: [sofiarizvi@yahoo.com](mailto:sofiarizvi@yahoo.com)

**Name: Shakeel Mirza 1996-97, Mech.**

*Organization: Customer Success Manager at Autodesk Inc.*

NED inculcated in me habits such as diligence, discipline and respect that laid foundations of successful career which I have today. At NED we were prepared to confront the industry of tomorrow, thanks to the experience and dedication of faculty and state of the art facilities. NED's dedicated faculty prepared us for the international experience right from our early years by enabling us to deliver the best of ourselves. The reputation and high standard of education at NED made my selection and a very smooth process of success through subsequent studies during my master's in modeling and simulation at a French University. I regard my experience at NED as the cornerstone of my career with a US tech giant where I assist the leaders in the Engineering design in their digital transformation by facilitating their adoption of latest engineering design tools and processes. Without the passage at NED this would never have been possible.



**Name: Tanweer Alam Mallick (Mohammadi)**

*Organization: ASR Associates, Inc  
Naperville, Illinois, USA*



After graduation in Civil Engineering (1973 – 1979) I worked in NESPAK for seven years before coming to US to pursue graduate studies at the University of Michigan at Ann Arbor, Michigan. After obtaining a Masters in Construction Engineering and Management moved to Chicago in 1989. Here after having worked for various Architectural, Engineering and Construction firms, in January of 2003, set up my consulting firm of ASR Associates – offering Partnering Solutions in Program, Project and Construction Management.

Being a NEDian is an honor and a privilege that is not to be taken lightly. Only a chosen few get this opportunity and should make the best of it not just while being a student at NED, but after graduation as citizens of the world.

It was 1973. I wanted to study Architecture, but it was offered in Dawood College. But I had already fallen in love with NED. I had spent a good part of my second year of D J College in the canteen of NED. So the decision was not hard at all. I decided to pursue my first love.

The years spent at NED were certainly the best of my life. Not only we got a world class education, we also got the opportunity to learn precious life lessons. We joined NED as teenagers, but left as young men and women armed with a degree and a can-do attitude to change the world.

And some of us just did that. The contribution of NEDians has been immense not just in Pakistan, but the Middle-East and more notably in North America. Yes, the teenagers who came to NED have been making a difference – as engineers, builders, scientist, innovators, writers, artists, businessmen, educators, administrators, philanthropists, leaders - and as model citizens in the communities they live in, citizens of the world.

And in all this the sons and daughters of NED have not forgotten their Alma Mater. NEDians in Pakistan and elsewhere around the world are devoting their time and money in their effort of making NED a world-class University and a leader in technological advancement and sustenance in Pakistan.

Indeed they are doing their part in Building a Better NED, a Better Pakistan and a Better World.

Email: [tamallick@aol.com](mailto:tamallick@aol.com)



**Name: Samina (Azam) Mallick**

*Organization: Nokia, Naperville, Illinois, USA*



After graduation in Electrical Engineering, 1975 - 1980, I worked with Prof. (Late) Salahuddin on his text book on Generalized Electrical Machines. Then I joined NESPAK and worked there for five years, before coming to US with my husband who joined graduate studies at the University of Michigan at Ann Arbor, Michigan. After his Masters, we moved to Chicago, where I enrolled in graduate studies at the University of Illinois, Chicago, obtaining a Masters in Electrical Engineering. Here I have been working in the Telecommunication Industry in design and later in Project Management for Lucent-Technologies, which became Alcatel-Lucent and currently Nokia.

My father was an Engineer - an Electrical Engineer. And as far as I can remember, I wanted to be like my father.

Everyone tried to convince me to forget about engineering, study Biology and become a Doctor – a girl had little or no business becoming an engineer. But my parents supported me. They not only supported my desire of becoming an Engineer, but in 1975, they were courageous enough to send me to Karachi – on my own – to study engineering at NED College.

Indeed, with my passion of becoming an engineer, my parents and families support and the grace of Allah I was able to accomplish my dream!

If you put your mind to it and have faith in Allah, you can achieve whatever you set aim on.

Email: [smallick7@yahoo.com](mailto:smallick7@yahoo.com)

***Name: Aqeel Ahmed Kapadia***

***Organization: EA Consulting Pvt. Ltd.***

**B. Arch - Batch 1995-96**

As a Principal Architect at EA Consulting Pvt. Ltd., apart from liaising with clients, Mr. Kapadia leads a team of architects, CAD personnel and visualizers and is responsible for the architectural design studio, where he supervises programming, architectural design, design coordination, tender documentation and management of large scale projects. Current engagements include mix-use high-rise buildings, mass transit projects, educational/institutional buildings etc.



He is an external examiner at the Department of Architecture and Planning, NED University, Karachi and has also frequented as a visiting faculty member.

EA Consulting Pvt. Ltd. (formerly Engineering Associates) is one of the leading multidisciplinary consulting companies in Pakistan. EA provides full services in the fields of architecture, engineering and project management to the Public and Private sector organizations in Pakistan and the Middle East region. Headquartered in Karachi, Pakistan, EA has strong human resource base of highly qualified and experienced professionals possessing international credentials and exposure, with over 250 employees in the Karachi Head Office and 600 professionals employed in various local and regional branch offices.

‘This will be an exciting transformative time in your life. Strive to think out of the box, take initiatives, improve your sketching, groom yourself, learn to communicate (written and oral) in a better way and keep improving yourself, manage your time, keep in-touch with field professionals, and never give up.

During your time here as a student, you will be given many opportunities to prove yourself, academically and personally, and I wish you all the best in your path to success.

Good luck and enjoy your next few years at one of the best Universities in the country.’

Email: [aqeel.kapadia@eaworld.com](mailto:aqeel.kapadia@eaworld.com)





## Nae: Farhan Anwar

Organization: *Sustainable Initiatives*



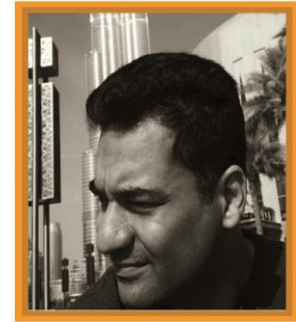
Farhan Anwar did his Bachelors in *Civil Engineering* and Masters in *Urban and Regional Planning*. His portfolio includes urban sustainability planning, smart cities, public policy, climate adaptation, urban resilience, and institutional strengthening and change management. Anwar served as an *Urban Reforms Consultant* to the *World Bank* from 2006-2013. He has also extended consulting services to the *Asian Development Bank (ADB)*, the *Japanese International Corporation Agency (JICA)*, the *World Conservation Union (IUCN)*, *WWF Pakistan* and several prominent Pakistani consulting firms. Anwar is a *Member, Provincial National Climate Change Policy Implementation Committee, and Government of Sindh*. Anwar is also a *Member, IUCN Commission on Environmental, Economic and Social Policy (CEESP)* and the *Standing Committee on Environment – Federation of Pakistan Chambers of Commerce and Industry (FPCCI)*. He presently serves as a *Visiting Faculty* at the *Institute of Business Administration (IBA), Social Sciences & Liberal Arts Department*, where he teaches a *Bachelors course on Sustainable Cities & Communities* and at the *Indus Valley School of Arts & Architecture, Karachi*, where he teaches *Bachelors Course in Architecture on Urban Theories and Urban Open Space Design*. He is also a *Visiting Faculty*, at the *Department of Architecture & Planning, NED University of Engineering & Technology, Karachi* - teaching *Participatory Development* in the *Bachelors Course on Development Studies*. Anwar is the *Lead Author* of the *Sanitation Strategy, Government of Sindh* and the *Author* of *Pakistan's National Strategy and Action Plan for the Mangroves of the Future Regional Program*. He has a number of publications to his credit and contributes a weekly column – *Elasti-cities* focused on urban planning, environment, and development issues of Karachi City in the *Express Tribune Newspaper*.

I am indebted to the NED University of Engineering & Technology in a number of ways. The institution has played a critically important role in my academic life as I have done both my Bachelors – in Civil Engineering – and Masters –in Urban & Regional Planning from here. NED is an institution rooted in a commitment to academic excellence and I have been a personal witness to the commitment and dedication of the faculty and management and have benefited from this in my professional development. Now I also find myself engaged with the institution in yet another role – as a Visiting Faculty! So I continue my association and continue to treasure it. NED is an academic icon in the history of not just Karachi but Pakistan and I wish my Alma Mater continuing progress and success. I plan to remain connected. Once an NEDIAN always an NEDIAN!

**Name:** *Kalimuddin A. Khan (CS 86-87)*

**Organization:** *Majid Al-Futtaim Group. U.A.E.*

I graduated from NED with a Bachelor's degree in Computer Systems Engineering, and obtained a MBA degree in MIS from IBA, in addition to other academic & professional certifications.



I started my career as a Systems Engineer and as part of adjunct faculty at NED; he subsequently moved to Technology Auditing & Controls and eventually pursued a career in general Internal Auditing & GRC.

I have an overall professional experience of more than 22-years, and my previous employers include KPMG-UAE, Philips-Pakistan and Citibank-Pakistan. My experience includes corporate governance, enterprise risk assessments, controls & compliance, information security, business transformation/ERP projects, audit quality assurance, and IT/non-IT audit reviews across diversified business entities, operational functions & technology infrastructure.

I am working with Majid Al-Futtaim Group (Properties, Retail, Hospitality, Facilities, etc.) based in UAE, and currently heading the Internal Audit function at Retail business (Carrefour & Hyperstar) spread across Middle East, Levant, North Africa, Central Asia & Pakistan.

NED, with its 90+ years of history and services, has been a building block in our professional career. Studying engineering at NED provided us the necessary knowledge to look at things from a bottom-up as well as a top-down perspective, and developed our analytical skills to understand any process in diversified environments.

NED, we are proud of our association with you.

Email: [kahmadkhan48@gmail.com](mailto:kahmadkhan48@gmail.com)



**Name:** *Shahid Zaki (EE-71)*

**Organization:** *PTV, Philips-Pakistan, Amantech, GIZ*



I graduated from NED with a Bachelor's degree in Electrical Engineering, prior to obtaining a Master's degree with majors in Telecom & Microprocessors from University of Southern California, and a MBA degree from IBA-Karachi.

I started my career as an Operations Engineer at Pakistan Television (PTV), and later joined Philips Pakistan as a Project Manager at Electro-Acoustic division. Shahid retired from Philips after a successful career of 30-years and becoming the Chairman of Philips Pakistan. I later served as CEO at Amantech and as Advisor to GIZ on the training programs initiative of German & Pakistan Government(s).

I have an overall professional experience of more than 38-years, transforming businesses, projects and initiatives, whether pertaining to organizational capability, product innovation, value exploration/creation, or consumer penetration. My extensive experience includes corporate strategy & planning, investments evaluations, marketing research & promotions, product launch/development, industrial production, logistics, technical training and talent mgmt.

I was member of Board/Executive-Committee at Standard Chartered Bank, PICIC, OICCI, and PM's Environment Council, and has been attached to adjunct faculties of public & private sector institutions, including NED University & IBA-Karachi.

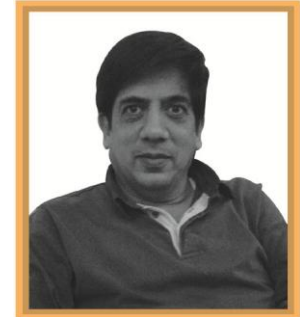
We are all thankful and proud of our association with this great institution, which has produced one of the most distinguished and competent human capital in Pakistan, transforming ideas into reality across diversified organizations within and outside Pakistan.

Email: [szaki@iba.edu.pk](mailto:szaki@iba.edu.pk)    [shahidzaki1950@gmail.com](mailto:shahidzaki1950@gmail.com)



**Name:** *Dr. Mansoor Ali*

**Organization:** *International Medical Corps (IMC), London*

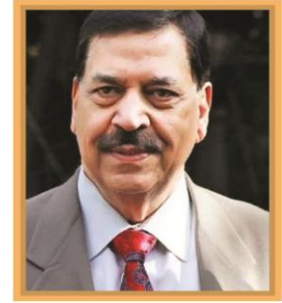


I graduated from the NED University in December 1985 and currently work as the Senior WASH Advisor (Global Head) for International Medical Corps (IMC), UK in London office. IMC is a large relief organization, working in 32 countries affected by disasters, wars and displacement. Before joining IMC I worked as the International Head for Building and Social Housing Foundation (BSHF) and Head of Monitoring, Evaluation, Learning and Research with Practical Action, UK. In the last 30 years, I always worked with the international development sector for low income countries. The beginning of my career actually started at the NED University in 1983, when a group of students was invited to work with the well-known Orangi Pilot Project. In the last 30 years, I have acquired substantial learning in the areas of water, sanitation, waste management and urban slum upgrading in low income countries. I was responsible to prepare many projects, work on them, carried out evaluations, extract learning and delivered trainings. My total experience includes working both as an academic and a practitioner over equal number of years. The teaching and exposure I had acquired at the NED University played an important part in my career. In 1988, I received a scholarship to peruse Master's degree and in 1992 started as the PhD candidate at Loughborough University, UK to complete in 1996. I delivered a range of teaching, research, supervision, consulting and training assignments and worked as the lecturer as I left to join the international charity sector in 2005 and served on leading positions and boards. I served on the advisory boards of Waterlines refereed journal, Habitat International and International Development Planning Review journals and a Trustee Director of Architects without Borders and a technical committee member for WEDC International Conference and an advisory board member of Cranfield University, postgraduate course in WASH. My message to the current and new arriving students of NED is to keep a good balance of studies and leisure activities and try to engage and work in the organizations outside NED University. NED gives you a foundation and it is your responsibility to build a sustainable structure over it.



**Name: Ahmed Ali**

*Organization:* Vice-Chairman, NED ALEF, 2015-2016  
Founding Chairman, NEDIAN-NA, 2011-2014  
Founding President, NEDAASC, 2008-2009



At NED, I learned more than engineering; I learned how to be a leader. When I attended NED it was small, a community of 250 plus students, so it enabled us to get to know our faculty on a personal level and to participate in multiple extracurricular activities. I had the distinction of being the Captain of the Basketball team and represented our college in matches all over Pakistan as well as having the opportunity to work with the college magazine. Such wonderful memories, Thank you NED.

To the current and future students of NED, I encourage you to take advantage of all that our school has to offer; from technical knowledge to character development. This is an institution that has produced Engineers who became Leaders and Experts in their professions. These Engineers are now the global ambassadors for our esteemed Alma mater and can be found in almost every country. Today, NED has 8000 plus students which has its own benefits. The students now have a bigger audience to interact with that will help develop much needed skills in this global society

Receiving my engineering degree in Civil Engineering was the step in coming to the United States to study for my Masters. The foundation laid in Pakistan enabled me to get my graduate degree and start a very successful Geotechnical Consulting firm in California. In addition, I became involved with multiple organizations including being on the board of directors of The World Affairs Council of Los Angeles, as President of The Council of Pakistan American Affairs, Trustee of the Islamic Society of Garden Grove to name a few. I had the honor of being invited to the White house by President George W. Bush after 9/11 as a leader of the Pakistani community and instrumental in President Musharaf's visit to Los Angeles World Affairs Council.

Most NEDians appreciate that NED opened up a world of opportunity for us and we wanted to give back to NED and thus to Pakistan. I will always be very proud of the fact that I was selected as the founding President of NED Alumni Association of Southern California (NEDAASC) which is now funding scholarships on a need basis to numerous NED Students. From there, we formed the Umbrella organization of NEDIAN-NA that includes multiple chapters in North America and an endowment fund NED ALEF. I was honored to be elected as the Chairman Emeritus of NEDIAN-NA and Vice Chair of ALEF.

Email: [ahmedali01@aol.com](mailto:ahmedali01@aol.com)

**Name:** Abdul Majeed Sheikh

*Organization: Yamaha Motor Pakistan (Private) Limited, Karachi*



I have the honor to serve NED many times after graduation (Mechanical Engineering Batch 1972-73), initially teaching Lubrication soon after graduation, then lately assisting the VC / Pro-VC-1 / Dean (MME) / Project Director and Chairman Automotive & Marine Engineering in setting-up the Department from initial stages since 2002 onwards.

Consequent to my retirement from the Board of Director (Pak Suzuki Motor Company Limited) as Head of Operations Division, I was offered to assist Dean MEE as a Consultant from October 1<sup>st</sup> 2009. I later; on the advice of the then VC took over the Industrial Liaison Department as the Director and served till January 2<sup>nd</sup> 2014 till the completion of my contract with the University.

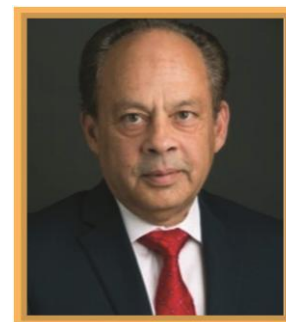
During my tenure as a Contract employee of NED I organized many innovative teams of students to participate in many international events through sponsorships by local industries; e.g. Shell Eco Marathon consecutively for three years, solar energy powered Car at Cyprus, SAE Formula 1 and other Porotype Cars scheduled to participate in Spain, UK, Australia and USA.

To add a few; I also organized Career Fairs for MME, CEA, CPE and ECE faculties; besides introducing Graduate Directories; on campus hiring and on-line job tests. Designed, introduced and taught “Product Development & Operations Management” consecutively for two years. After the taking over the charge by Dr. Afzal Haq as VC I was a part of team involved in identifying financial impediments and suggesting solutions. Many presentations and innovative ideas for Cash Generation and Cost reductions were suggested; quite a few were accepted and implemented. I was also instrumental in establishing UAFA for the first time.

Email: aotskrc@gmail.com

**Name:** Amir Ul Islam

*Organization: Jersey Precast*



The four years at NED were perhaps the most formative period of my life. We entered as eighteen year old boys and left as young men confident that we could do and achieve whatever we wanted. NED gave us not only an education but taught us a great deal about life and how to handle challenges and how to take advantage of opportunities. The successes that NEDians, all over the world, enjoy today are in large part a result of the four plus years spent at NED.

Email: [mulislam@aol.com](mailto:mulislam@aol.com)





**Name: Mukhtar Zaidi**

*Organization: Silicon Valley Builders*



Walking into NED old campus in 1974, was my first life dream come true. Always inspired by my teachers, this success did not come easy. It was conquering the NED Plan, executed with the lethal precision, to achieve the goal, NED.

This package for success has become the Hallmark of success for most NED Alumni in their lives. NEDians has found success in Engineering and non-Engineering fields alike, due to the ethics of hard work build into them at NED.

Success is a moving target. What do you do with all the success in life, the taste of which does not last too long? Most of us has decided to share it with our Alma Mater, the true mother NED, with feeling of eternal gratification. She is the one who put us here. There are different flagships, that gives you the joy of giving back, DICE, Koshish or NED-ALEF, the destiny is same, serve our Alma Mater and the Homeland. New comers of NED, you will feel the same, when you get here, I promise you.

**Name: Mr. Muhammad Hasan:**

During my time at NED (1966-70 Civil Engineering), I was generally quiet and less social. I visited college canteen only once and that too due to union elections process, when contestants forcefully took me there. Reasons: to afford my education, I used to give tuitions from 2:00pm until 10:00pm; get up at 4:00am - study ; exercise and 55 minutes' walk to college, etc.



After NED, I worked as a site engineer. The major project I was involved with was the Aga Khan University Complex where I worked as a structural engineer from 1974 to 1984. Since then my career has been focused on construction management and for the past 10 years or so I have been involved in senior management positions for major projects. I now work and live in Islamabad.

**Name: Professor Dr. Muzaffar Mahmood**

*Organization: PAF KIET*



I am one of the lucky persons who have been associated with NED University for 40 years, including the four years of studies. What has really helped me throughout my life is the brand name “NED”. Throughout Pakistan and in many countries abroad, NED’s name is enough to establish your credentials of being a good engineer. You are deemed to have studied with the best minds of Karachi, in a competing yet friendly atmosphere. NED has an egalitarian atmosphere and being true representative of the urban middle class. It produces essentially engineers for Pakistan. There is no place for any elitism and big talk.

NED has without truly realizing it led engineering in Pakistan from the front and has played an exemplary role along with its counterpart in Lahore. In the present day when there are many institutions teaching engineering, it still stands out in promoting healthiest norm in education, i.e., education for education’s sake..

The student body is the soul of NED. It has been like this in the past fifty years. Getting admission in NED, more so today, is like reaching the stars. The burden of being amongst the best is often the biggest challenge one can face in life. Work hard and strive to be best amongst the best.

Email: [muzaffar@pafkiet.edu.pk](mailto:muzaffar@pafkiet.edu.pk)

**Name: Professor M. Sohail Khan**

*Organization: Professor of Sustainable Infrastructure,  
School of Civil and Building Engineering,  
Loughborough University, UK*



It is a great pleasure for me to learn that NED is making progress; more courses, more papers etc. I had very fond memories of NED from eighties (1980s) when I was a student there. I also remember very kind teachers and a lot of fellow students; one of them is NED’s Dean and the other of them is a current Chief Minister among others.



**Name: Rukhsana Zuberi**

*Organization: TEC EDUCATION FOUNDATION:*

With all the limited resources available ....NED is a brand worldwide. Due to commitment & dedication of teachers achieved International Certifications within Pakistan. Earlier one had to travel to Hong Kong. A 96\$ exam did cost 2500\$ for participation in IT World Championship, Energy Conservation and Renewable Energy. Our Class Fellows are closely connected via what's app, Yahoo Group and also connected with all distinguished Engineers across Pakistan.



I became guardian of my siblings at age 13 after death of my father, because my mother was a strict veil observing lady. I did Matric in Arts that was the time when NED reserved 5 seats for girls so I joined Science College with great difficulty and took the challenge of becoming an Engineer (Mechanical 1970). I was on sixth place on merit list. One of the applicants had applied on sports seat and that's how I got admission. I took admission in electrical engineering and second year Electrical & Mechanical was common I realized I am comfortable with mechanical subjects and requested for change of discipline. NED was an affiliate college of Karachi University. The college was not authorized to allow this change. So at least twice a week I had to go to the University in public transport. The full third year I had to bunk my classes and a month before got permission. NED has always been lots of challenges efforts and success.

Responsibilities as young guardian and virtual head of family continued taking full time other than academics engagement. Whatever achievement in life I owe it to NED and its great faculty and staff. NED made me courageous "Nothing was impossible" & never took NO as an answer. I learned to work hard and leave the returns to GOD. Alhamdulillah always get rewarded.

Student union activities and their impact on campus life --

Initiated the process of International Recognition of Pakistan's Engineering Qualifications through WASHINGTON ACCORD and ENGINEERS MOBILITY FORUM as Chair Person Pakistan Engineering Council.

Popularization of Three On-Grid solar systems in collaboration with JICA and USAid

Difference between education in yesterday and today –

Today more options, more resources are available. Only one thing which has made a SEA difference is Access of information due to Web access. I remember getting technical material for my project which was design of marine engine. How many letters written to manufacturers and collected material from Air Cargo from the airport. Now it's a matter of maximum couple of hours.

Message for new comers to NED is choose a career path carefully and move on. Be always thankful to God for whatever you have at every step in your life.

Email: [rukhsana.zuberi@nhpakistan.com.pk](mailto:rukhsana.zuberi@nhpakistan.com.pk)



**Name: Dr. Saqib Khursheed (B.E., M.Sc., Ph.D., FHEA)**

*Organization: University of Liverpool*



Dr. Khursheed is currently working as a lecturer (Assistant Professor) with Department of Electrical Engineering and Electronics, University of Liverpool, UK. In 2010, he received his PhD degree in Electronics and Electrical Engineering from University of Southampton, UK. After completing his PhD, he worked as a Senior Research Fellow at the University of Southampton on two EPSRC (UK) funded research projects.

Dr. Khursheed's PhD thesis secured second place in IEEE TTTC 'E. J. McCluskey Doctoral Thesis Award' at European Test Symposium (ETS 2010), while competing against the best PhD dissertations from all over Europe. He was also the winner of PhD-Plus award (2009-10).

Dr. Khursheed is interested in all issues related to reliability, test and yield improvement of low-power, high-performance designs and 3D integrated circuits. He has published a number of papers in internationally leading journals and conferences in these areas. He served as the Guest Editor for a special section on "Robust 3-D Stacked ICs" in IEEE Design & Test magazine (May/June 2016 issue) and special session co-chair of European Test Symposium (ETS 2016). He served as the Program Chair (2012) and General Chair (2013-15) of Friday workshop on 3D Integration, collocated with the DATE Conference. He is a member of technical program committees of ETS, ATS, VLSI-SOC and iNIS. He regularly reviews research papers for 15 internationally leading journals and conferences. He is an associate member of EPSRC College (UK), and Fellow of The Higher Education Academy (UK).

Message: I received my BE degree in Computer Systems Engineering (as was, now CISE) from NED University in 2001. Reflecting back, top three features of NED were: teachers, peers and alumni, all of which served me well throughout my life. Firstly, our teachers were knowledgeable, passionate and helpful; I was inspired by Late Professor Mohammad Nauman, who influenced my career choices. Similarly, Professor Shahid Hafeez Mirza (HoD then), and Professor Shahab Tahzeeb were supportive and accessible. Secondly, my peers had many bright students; it was a brilliant opportunity to compete and learn from them, and also to make lifelong friends. Many of them are now at senior positions in various multinational organizations, and spread across the globe. Last but not least, a substantial alumni network of NEDians, our senior colleagues were very supportive, they used to give seminars about career choices, and postgraduate studies, which was very useful. For all these reasons, I will always be grateful to NED University.



**Name: Saeed Kazmi**

*Organization: CEO at Vasona Systems, International, LLC. (VSi)*  
[San Francisco Bay Area](#)



For almost 30 years, Mr. Kazmi has been developing innovative technologies that empower business to move in new directions.

Today, he serves as the Chief Executive Officer (CEO) of Vasona Systems International, LLC (VSi), a Silicon Valley-based company he co-founded to provide sophisticated solutions for the hospitality industry through a wide range of mobile applications.

Previously, he co-founded several firms that achieved important high-tech “firsts” including:

- Vertical Systems Inc., acquired by Uniguest in 2015 - provided automated business centers, kiosks and in-room products to the hospitality industry.
- VPNet Technologies, acquired by Avaya Corporation - the first company in the world to focus on Virtual Private Networks (VPNs) infrastructure security.
- VIA Technology, acquired by First International of Taiwan and now a public company - one of the first developers of fabless PC semiconductor products, notably PC chip-sets and microprocessors.
- Semi-Custom Logic, Inc., which conceived and developed a mobile tablet PC with an embedded GPS unit plus also managed prototype development for IBM’s micro-electronic graphics and data compression technology.

Mr. Kazmi earned an undergraduate degree in electrical engineering at NED Engineering University in Karachi, Pakistan and a master’s engineering degree at Oregon State University (OSU). In 2008, he was named to OSU’s Academy of Distinguished Engineers.

Mr. Kazmi has built a career that is part science, part art, and all innovation. In the process, he has gained a strong reputation for leaving the ordinary behind – both with the technologies he develops and the companies he directs.

Message: I am honored to be associated with a great institution. NED has been instrumental in defining my professional carrier and I am thankful to all the faculty members who were there during my time at NED. Another great benefit I cherish is the lifelong friends that I made while at NED. I wish a bright and everlasting future for NED. A Proud Alumni

**Name: Naveed Khan**

*Organization: Entrepreneur and Technology Architect*

[Principal Consultant](#)

[Nuvem Infotech](#)

*Sydney, Australia*



N.E.D is my alma mater. My days at N.E.D were crucial to shape my future. I got out of university not just with the subject knowledge but with wisdom that helped me create the basis of my career and life. It was the confidence to work with people, negotiate well, look at wider goals, and intellect to judge situations and problems with multiple angles. As engineers we were prepared to work in multi discipline and complex problems. I think it was a key differentiation between NED graduates and other competing workforce.

**Name: Arsalan Minhas**

*Organization: Director Solution Consulting at Open Text,  
Germany*



Arsalan Minhas has 15+ years of experience in the ICT industry. He is listed

in 2009 Edition of Marquis “*Who’s Who in the World*” as one of the world’s foremost achievers in his field and in “*Top 100 Professionals 2009*” by International Biographical Centre (IBC), Cambridge, England. For his services to the IEEE, he received the “*2002 Section GOLD Leadership Recognition*” award by IEEE Regional Activities Board.

He is currently serving as Director Solution Consulting for EMEA region at OpenText serving leading enterprises and service providers across Europe, Middle East and Africa. He did his graduation with majors in Computer Systems Engineering from the NED University of Engineering & Technology and was the gold medalist of his batch. He did his Masters with distinction in Information & Communication Systems from Hamburg University of Technology. He secured a scholarship for a two-year stint through the “*DAAD-Siemens Program for Asia 21st Century*”.

**Message:** NED played a pivotal role in my life. The foundation it provided served as the beacon of light, guiding me through the journey of life. Most of the post-graduation challenges were no longer challenges due to the breadth and depth of courses that I undertook while I was at NED. The credit goes to our teachers who ignited the fire of learning in the minds that were yearning for knowledge.



## *12. Messages from celebrated alumni*

***Name: Asif Mujtaba***

***Discipline: Civil (Batch: 1985)***



I welcome you as new students of NED University and hope you all will excel in your studies and make Pakistan and NED proud with your best efforts and result.

I feel so blessed to call myself as NEDIAN. Though I did not complete my degree because of my commitment with cricket and over beloved country Pakistan, but I must say NED will provide you a life changing opportunity by helping you how to face fear and will teach you how to grow professionally. Here you will definitely find and make friends for your life time.

University is a journey unlike any other, charming and boring, exciting and exhausting, unique and difficult, happy and sad, lovely and lonely but in the end full of joyful memories to cheer for lifetime. Best of luck.

Email: [asifmujtabapk@yahoo.com](mailto:asifmujtabapk@yahoo.com)



**Name: Muhammed Ali Shyhaki**

*Organization: Shyhaki's International*

Joined NED in 1978 (Civil Engineering Department) at the old complex, was excited to experience practical at the workshop and attend classes full of knowledge. Moving on to the new campus, where I took MBQ hostel room, then moving on to new hostel room at the new campus helped attending my classes in time and maneuver my daily mundane.



Attending weekly classes by Prof Dr. Alvi took long hours but was interesting to learn. Canteen was another favorite. It's imperative to mention that my actual singing career also started while in the new campus empty hall class rooms, where my voice echoed promising me the stardom. Had great classmates and friends who were there to help me whatever needed to be known. Exams were like do or die type so I did whatever it took or possible to at least clear papers, even though it took me to memories formulas and answers of such deeply complexed additional and extra subjects (that were in fact not necessary to quable as a consulting engineer). I cannot forget those sleepless night long preparations of each exam, in the tiny new hostel room and then filling blank sheets of paper with those never ending answers, till the invigilator said to stop and took our papers, while my head swung and eyes blurred out due to lack of sleep, especially nights that I had to perform as an artist and rush back to prepare for tomorrow's paper. The overall experience besides the knowledgeable classes it taught me what life was, we struggle to have empathy in life and livelihood. I am hugely grateful to the Vice Chancellor (s) teachers, professors, the administration & the management. I also greatly miss my friends and classmates & the young ladies who studied with us, and wish them the best of everything in life.

Enjoy working Hard, Never give up but keep trying till you achieve! Get settled Live a Happy Go Lucky Life.

Email: [sipproductions@gmail.com](mailto:sipproductions@gmail.com)



**Name: Rashid Latif**

*Discipline: Civil Engineering 1992*

*Presently working in: Pakistan Television Corporation (PTV)*



Description: NED university of Engineering and Technology has successfully shaped many lives over the years. The well-trained and cooperative faculty of this institute has provided immense help to carve each individual in accordance to their abilities. As an alumnus of this reputable institution, I reminisce the days when NED had been a great support in polishing my characteristics.

Initially, when I got admission in NED I was satisfied and gained confidence for being able to secure my future. Although my passion majorly revolved around cricket which eventually became my career. However, the importance of education always remained a vital part of me; something which I will certainly advise today's youth about. It would be unfair not to credit NED for helping me create a positive balance between academics and sports. Even my skills in cricket were further enhanced due to the encouragement I received from the university. I will forever be indebted to NED for giving me a chance to showcase my skills through its cricket team. It was my performance in inter university matches which helped me to improve my communication and leadership skills, later evident throughout my career.

Studying at NED had undoubtedly been the most enriching and a lifetime of an experience. Such experience tracks down the memory lane which promised long lasting connections among peers and colleagues. As far as my memory recalls, a waiter named Adam used to serve chai and samosas to us; inclusive of Saeed Anwer, Ghulam Ali, Asif Mujtaba and Harris Khan. Not long ago a group of young students enjoyed tea time in the canteen areas, which have now turned into sophisticated professionals.

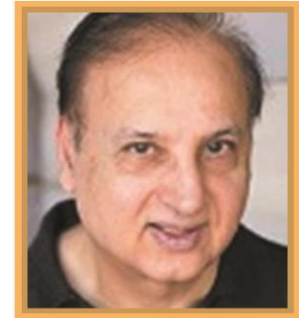
Over the generation, I have witnessed a notable contrast in acquiring education. In my days, education was desired by a vast majority and proved to be a pathway for the happiness of many hardworking parents. Despite of modern teaching methods and advanced technologies present today, the desire of education amongst students has gone missing as education now acts as a brand endorsed entirely for business purpose.

As an alumni of NED, I would like to advice today's youth to pursue their education in their desired field until they reach the level of expertise. It is extremely important to be proficient in whatever you do to secure a stable and a satisfactory future. Lastly, regardless of our profession, an individual must always give to the community to lead a peaceful life.

Email address: [rashidpcb@yahoo.com](mailto:rashidpcb@yahoo.com)

## Hanif Karim

Hanif Mike Karim emigrated from Pakistan to the United States in 1971. Hanif Karim was a table tennis player during the NED years. He dominated the table tennis scene then, as he was Pakistan's national champion and Pakistan No. 1 for two years. He was also the Captain of the National Team that participated in the World Championships in Munich, Germany. He did not pursue engineering as a career, but did his MBA in Los Angeles. He has worked in movies and had roles in movies such as The Holy Man, Into the Night, Perfect, and Naya Savera. He did voiceover work in Rambo III and worked in theater as well. He retired from U.S federal government in 2014, where he worked in the law enforcement area for the Department of Justice. He is also the author of a book "Where is Sophia?" published in 2016. He has also returned to the table tennis circuit as a senior player. He is a former United States National Champion in the over 60 division.



## Anwar Chowdhry (Late)

### Prof., Mechanical Engineering

Prof Anwar Khurshid Chowdhry was a larger-than-life figure, whether in a class room, boxing ring, or elsewhere. He was a tall man, strongly built, and exuded awe and confidence.



Born in 1923, he completed his BE in Mechanical Engineering in 1950 after studying at the old NED Government Engineering College both in the pre and post-partition years. In 1952, he started at NED as a lecturer. During our 1966-70 NED years he was first an associate professor and promoted to a professor in 1968. He later became the head of the Mechanical Engineering Department until his retirement in 1977.

Prof. Chowdhry was in-charge of the sports programs at NED. He was the secretary for PBF (Pakistan Boxing Federation) and was a boxing referee and judge of international repute. In 1964 Tokyo Olympics he was declared the best judge. He also served the International Boxing Association in various capacities and was elected its President for 5 consecutive terms. His contributions to boxing were huge. He is widely credited with researching and inventing the Computerized Scoring System which is an integral part of the International Boxing Scoring System.



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### 13. *Younger Voices*

*(Experience sharing of young NEDians working in the field, from Architecture, Textile, Civil, Electrical, Mechanical, Chemical and Computer sciences)*



## NED Experience

Life is all about experiences and what we experience makes us an authentic version of ourselves. It reflects in our thoughts, behaviors and personalities. In each and every community people with different experiences interact and develop a culture. Sometimes they adopt the existing culture and sometimes they are the reason that culture changes. NED University of Engineering & Technology is a community that has evolved over the years. This community is getting bigger and mature over the years. And this article is a reflection of NED experience between 2004 and 2007.

NED University at that time had a lot of sub communities and each and every student joined the community they fit well in. Most of the students used to spend a lot of time with their class fellows and department fellows. Since that was natural therefore no one had to do a lot of efforts to be part of it. The position in each class was based on one's behavior and NEDians were really good and competitive peers. In general norms, it was more exciting being a back bencher, bunking classes when possible, ragging in start of the year, rallies in the end of the year and preparation for exams during the preparation period that lasted over a month. Out of 12 months just a couple of months were hard and the rest were stress free months for the ones who were there for the survival only. The survival tips were provided by the seniors during the ragging period.



The most interesting part of the experience in 2004-07 was communication, it was unique and no other generation of NED has faced that yet. A couple of people in our class had cell phones at that time. We started an MSN account for our batch where everyone was added as a friend. Anyone could login and do chat with the rest of the class or add them their personal account. There were a couple of computer labs in Mechanical and Electrical departments that were open until 10PM for students. Each student had to pay a fee via voucher and use the internet account charged per hour. One person could login to multiple computer and pay higher price per hour. There were always some guys that never charged their accounts and always asked other people to login so that they can browse internet. In order to make new friends MIRC chat rooms or Yahoo messenger chat rooms were used. The most popular chat rooms were for CIS and BCIT. Where people were using a lot of fake names to interact and then add people on MSN messenger. This was pretty much the life in 2004. You attend some classes, sleep in the afternoon and spend evenings in these chat rooms.

Later on Telenor and Warid were launched in Pakistan and it became so easy to own a cell phone number. There were packages for sms that we took and started chatting in the classrooms, forwarding jokes and share other important news with the fellow students. The MSN messenger was still in use, but people used to prefer to talk all night via their night packages.

Another social media network became a very big hit at that time. It was called Orkut. There were a lot of groups in Orkut. Newly admitted students started chatting with the seniors even before joining the university. People were sharing pictures in their albums and the students were spending lot of time at Orkut. Later on it was banned in many departments at NED and people switched back to cell phones.

Let's talk a little about the boring part, *the academics*, .It was annual examination system. The most relaxed one. Except a few students majority of the students were survivors. The aim was to pass out with the batch mates. During the year we were trying hard to get good sessional marks. Some teachers were very generous and did not ask much for giving away good marks. But some of them ask you to become a scholar in that course in order to score a few marks. In each year there were a couple of courses that asked for a lot of work and there were a few courses that were easy to pass. The peak business season for the photostate shop was before the preparation leaves. In each class room there were a couple of students who did the clerical work of writing down each and every word told by the teachers. And then their notebooks were borrowed for copying by the rest of the class. In every friend circle there was one person who used to prepare everything for the exams and then help the back benchers to figure out about passing the exams. These people were angels for the remaining class. And there is no doubt that if these angels were not there, there might have been very few engineers graduating from NED.

The fun part of academics was practical as well. There were 1-2 days for these workshops and we had a lot of free time during those days. This free time was killed at the Gym, canteens or at the hostel watching movies. Going to gymnasium made some students become a part of the

university teams. And due to the university games many students went for traveling to Punjab and NWFP. We did not win many medals though.



If someone asks a NEDian about their best time at the university, they will for sure talk about the rallies at the end of year. There were a lot of rallies where BE used to wear different colored dresses by the whole department. Valentine's Day, Independence Day, black day, yellow day, white day, cheap day, color day, blue day or birthdays were the occasions when used to get together and make a lot of noise. Each and every department made a lot of slogans. The students used to print their T-shirt with their department's name. And they used to scream until they are out of their voice. The very last few days were very emotional when students talk about last four years. They give each other autographs and write on each other's dresses. Many of them started to cry, realizing that these days are not going to return.

After these rallies, one of the key memories is annual dinners, picnics and the convocation dinners. These were the occasions where the students cannot recognize their class fellows. Everyone used to dress up so well. And there were some crappy digital cameras owned by a few people that we used to gather the pictures in USBs after the dinner. For sure we do not have many pictures and videos like the way people have these days due to the smart phones. There were much more talks and drama at that time as compared to today's annual dinners.

For sure I can write a whole book on NED experience. But I would like to conclude on "Once a NEDian, always a NEDian". It is a priceless experience that cannot be undone or redone.







## ***Danish Zahoor***

*C.E.O at Barqtron Engineering Solutions*



My name is Danish Zahoor, and I graduated from NED University in 2008 – as an Electrical Engineer - I am a struggling Entrepreneur fueled up in the Electrical Engineering Department charged with technical skills to work in the field of power & energy.

Dreams do come true! I started my company back in 2011 from a small room with empty pockets and sturdy vision to contribute to my country and become a leading EPC Contractor in Pakistan. I am blessed to be the CEO of a large scale Engineering, Procurement and Construction Management Enterprise- Barqtron Engineering Solutions; doing what very few people can do in their professional life. I am privileged and honored for successfully completing mega projects for leading companies including Siemens , General Electric , Engro, WAPDA and K-Electric as a Prime Contractor.

Instead of looking at jobs for myself, now I have been able to create many jobs Alhamdulillah! as once a wise man said " The Land of Problems is the Land of Opportunities".

It is not merely about academics, and GPAs and rankings! Believe me it is about spending four years in an environment where you come out as a result oriented, chiseled , progressive , honest and optimistic Pakistani – ready to step in practical life as a challenge to take the worldly hits and fulfill your dreams at the Extra High Voltage , which Allah has blessed you indifferently

Writing this message for you is nostalgic and enthusiastic - when I know you would be nervous of the unseen, but rest assured what our founding father Mr. Jinnah once said.



### ***Dr. Muddssir Ahmed***

#### ***Divisional Supply Chain Manager at Eaton (UK)***



After obtaining my B.E. in Textile Engineering from NED University of Engineering and Technology, Karachi, I gained a couple of years' experience in industry and then got admission in Chalmers University of Technology, Sweden to achieve Master's Degree in Management of Production. There I decided to expand my knowledge and practical experience in supply chain management and continuous improvement methodologies. In 2005, I was able to obtain a temporary contract with a company named Eaton, located in Birmingham (UK) to expand my practical supply chain experience.

Whilst I was working at Eaton and searching possibilities of undertaking a PhD in Management Science, I was offered a full scholarship by Lancaster University Management School. At the same time, Eaton offered me a full-time position as Materials Manager and offered to partially fund my PhD if I was able to complete it on a part-time basis. LUMS also supported that proposal, and so that is what I then did.

Completing a doctoral research project in 3-4 years was a challenging endeavor in itself, but combining part-time study with a full-time job and also family responsibilities involved significant additional challenges. The main difficulty was when it came to switching repeatedly from everyday work to research work, on a psychological level, but of course time constraints entered into it too. In order to cope with that difficulty I chose a research topic related to my work i.e. Supply Chain Management. That allowed me to maximize resources available at work for data collection and analysis chapters of research study.

The second biggest challenge was to maintain motivation, whilst continuing work, to make progress with my doctorate. This is where my days of NED University came into play when I used to teach tuitions in afternoon and going to university in morning. Those commitments, at times, unfortunately resulted in missed deadlines and opportunities, and in particular affected my ability to make it to top grades. However, I would like to offer my thanks to NED University for teaching various skills of learning and wearing multiple hats at one time. Since I was in first batch of Textile Engineering our teachers like Dr. Muzaffar, Prof. Mukhtar and Prof. Badar had routinely gone above and beyond the scope of supervisory duties in order to allay my worries, concerns, and anxieties, and they worked hard to instill confidence in me in respect of my abilities to complete the work.

I continued working with Eaton for 7 years with my PhD, and after successfully completing it in May 2015 I was promoted to Divisional Supply Chain Manager at Life Safety Division. I am now responsible for Supply Chain of \$500 million of sales, as well as managing logistics,

distribution, sales and operational planning, materials management and performance measurement. I also provide coaching, support and development for local supply chain teams.

To fulfill my intrinsic desire to share knowledge, and my enjoyment of creative writing, I have started a blog on Supply Chain and Procurement at [muddassirism.com](http://muddassirism.com), which assists readers in gaining knowledge of operations world, and helps in making decisions to drive continuous improvement in their respective jobs and businesses.

***Name: Mr. Faisal Mushtaq***

***Organization: Vice President of Engineering at PLUMgrid***  
[San Francisco Bay Area](#)



N.E.D is my alma mater. My days at N.E.D were crucial to shape my future. I graduated from NED University not only with subject knowledge but with wisdom that helped me create basis for my career and life. NED provided the technical education and solid foundation that helped me face challenges and succeed in life and career. The discipline, hard work, entrepreneurship and technical depth I developed at NED has been an asset all through my career. Confidence to work with people, negotiate well, look at wider goals, and intellect to judge situations and problems with multiple angles are the key attributes I learned through guidance and mentoring from my respectable teachers . As future engineers we were prepared to work in multi discipline and complex problems. It is amazing what NEDians haven been able to accomplish despite coming from a school with very limited resources. I think it is a key differentiation between NED graduates and other competing workforce.



**Name:** *Irfan*

**Organization:** *Texsol*

My name is Irfan and I have graduated from first batch of textile engineering in 2001. It gives me immense pleasure looking at the progress our Department of Textile Engineering has achieved in last two decades, as when we started in early 1997 there was a small group of some 30 students with limited resources, and now it has grown up to a full scale Engineering discipline with highest ratio of PhDs in comparison to number of students.

I have been one of Textile Engineers who started his career as a trainee maintenance engineer in a reputed textile factory in Karachi, and gradually promoted to asst. maintenance manager level. Somehow the hands-on maintaining textile machines and equipment gave me a very good opportunity to apply my knowledge and to certain extent improved my designing skills. In 2004 I diversified my field for representing textile machinery suppliers in Pakistan, where my past experiences with engineering background created a synergistic effect and Mashaa'Allah witnessed a high gradient in my professional growth. In Jan 2015 with some of my close friends from the same industry we started a new venture as Texsol (Pvt.) Ltd. as exclusive representative of textile machines manufacturers from Germany, Italy and Turkey. We are now putting all our efforts to develop our market reputation as one of the best machinery suppliers in Pakistan and by the grace of God we have been quite successful in goals. With this opportunity I wish to welcome all upcoming students to the Department of Textile Engineering and assure them of my full support in future.





***Name: Syed Masroor Ahmed (BCIT 2008)***

***Organization: Software Engineer at Visa Inc***



My name is Syed Masroor Ahmed, I completed my bachelor's degree in Computer Science & IT in 2008 and a Master degree in Computer Science & IT in 2011 from NED University, Karachi. NED University played a pivotal role in my career achievements. The education, guidance and mentoring I gained from great teachers and valuable advisors during my days at NED goes a long way. It has helped me in achieving abilities to excel in CS industry. At NED, I was given an opportunity to showcase my skills by participating in IT competitions, engaging in social activities and arranging the first edition of ITEC.

I started my professional career as a Product Engineer at TPS Pakistan in 2009 – I was part of the team which successfully implemented Easy Paisa, HBL internet banking, Soneri internet banking and ADempire at EOBI (Federal Government Institute). In 2012, I entered the international arena where I joined Abbott Laboratories Singapore as an off-shore workflow engineer for Asia Pacific region. Currently I am working at Visa Inc. as a Software Engineer in the Silicon Valley office, California USA. My core area of concentration is BI & Big Data systems and my career goal is to become a macho Data Scientist.

The time I spent at NED University was the best phase of my life – Apart from wonderful learning experience, unforgettable is lot of fun with friends, social activities, celebrations, and great friends who are irreplaceable. Mark my words – this is the best time of your life and you will miss every minute of it after starting professional life. Use this time and opportunity at NED University to start turning your dreams into reality and make good friends and memories that will remain with you throughout your life.



**Name:** *Muhammad Ail Bakshi*

**Organization:** *The Sustainable City Dubai*



The feeling to get what you want cannot be explained in words but yes with all drama and nervousness I got the last seat remaining in architecture department. I still remember that day when my enrolment number being displayed with one architecture seat remaining, that moment I jumped off my seat and rushed with my parents to the desk to grab my passion and finally by the grace of God and my parent's prayers my journey as AR-045 started which ended in 2014 as officially being an Architect. It started in 2009 December with visual studies subject taught by our campus most senior mentor Madam Nayyer .Ned city campus was my second home for five long years. The journey will always be great experience to remember, it definitely was a roller coaster ride with mixed feelings, memories and emotions. Our city campus is really fortunate enough to have a Hood like Dr. Noman Ahmed.

I feel it's always better to change things with time according to the environment and requirement, the faculty plays the most important part in bringing out the best out of students. Ned campus became like an extended family that not only gave me platform to connect to architecture fraternity but also gave me friends that became part of my life. For the students Jury and Presentations are like nightmares but I always enjoyed this part of my student life. Model making, group assignments, design crits, final presentations and architectural travel trips is what I miss most now. The good thing about Ned architecture department is that it provides knowledge on all the elements or streams of architecture whether it is conservation, urban, landscape, interior, architectural design, history and construction. My THESIS (addressing the diversity of next generation through architecture) and CED in Saddar was the last great experience I remember and carry forward from my university life. Being an NED alumna now gives a feeling of responsibility and awkwardness at the same time as the picture of being student at the architecture department is difficult to erase. Ned city campus will always be an important part of my life no matter where I go in future to acquire my goals.

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***Name: Mr. Muzammil Imam***

***Organization: Software Architect at Microsoft USA***



I graduated from NED University in 2009 with a Bachelor's degree in Computer Science and Information Technology. After graduating I worked as a software engineer at Techlogix. I spent this time designing and building creative solutions and enterprise applications for multiple local and international client companies.

I grew up as a kid fascinated with computers and programming. During my stay at NED University as a student spent my time amongst caring, dedicated faculty and an extremely competitive student body. I was inspired to pursue further with an advanced degree in field of Artificial Intelligence and Advanced Algorithms. I was accepted at three of top ten engineering schools in the world, which highlighted to them the international stature of NED University among top institutions of the world. I chose University of Southern California (USC) based in Los Angeles, California.

In 2011 I began graduate school at Viterbi School of Engineering in USC. During the summer of 2012, I interned as software development intern at Amazon developing app store for Amazon Kindle. Next summer, still in graduate school I interned at Microsoft in the Office Group working on improving spell check in Microsoft Word using Artificial Intelligence. I like to think that without my meager contribution to the spell-checker, most of documents in the world would have grammatical/spelling mistakes.

During my time at University of Southern California, I made it to the Engineering School's prestigious dean's list every single semester. It has something to do with my obsession to see a Pakistani and a NED University graduate name on that roster which hangs proudly on the historical walls of USC. After completing my Masters, I began working at Microsoft in the Operating System Group (OSG), where I continue to work as a Software Architect. I plan to do advanced research in area of Software Architecture Optimization and expand my startups to become one of leading software companies in the world.

My dream is to make Pakistan a software powerhouse and a destination for every single leading software company to house their development and research base in my home country. I attribute everything I have to my motherland and alma mater (NED University) and have a burning desire to participate in their development in every way and form, till my last breath.



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**Name:** *Madiha Salam*

**Organization:** *Nazeer Hussain University*

In one of the Humans of New York's encounters I loved the words by an old couple;

"We're all victims of the architect. Architecture is the only art that you can't help but feel. You can avoid paintings, you can avoid music, and you can even avoid history, but good luck getting away from architecture."



When we enter a professional field like Architecture for graduation, it demands to sacrifice almost all of our personal time. My ambition was not only to complete my degree successfully but to make the best out of the time spent studying. I gained a first-class degree, highest grades in my thesis and also the third position in Graduation. The achievement of being a professionally trained architect was a priceless sensation.

The best thing about the degree in Architecture is having the freedom to think of a research idea and test it through your creative minds. I feel extremely lucky to be in an environment that allowed me to conduct research on what interests me the most, so in all my time here I have never felt bored.

When I started NED University back in 2006, in the Department of Architecture and Planning, I really did not know what Life had in store for me. Future appeared to be a blurred vision of a mixture of high energy, fear, accomplishments, professional standards and aims. Today after about ten years I find it to be one of the best decisions taken in Life. NED has made me learn to be vigilant, carry high aims, be creative, and respect others and to make the world a better place to live in. This mission I have taken to heart and continue spreading the knowledge in and around where I have always been. Now, I'm one of the Senior Lecturers at a Prestigious Private institute in Karachi. I love to impart knowledge and to learn in the process of new avenues Architecture and Planning has.

To any new students coming to the University, I would say this: Throw yourself at every opportunity that comes your way. If it gets too much, you can always scale back, but those opportunities can make all the difference between getting what you want and having to settle for second best.

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**Name: Saleha Ahmed**

**Organization: The Citizens Foundation**



When I started my professional education, I had no clue what architecture can be. It was just limited to fancy buildings, complicated blueprints and some white collared professionals with a frown on their face (Definitely I was clueless and

certainly it's not like that as they do have grin, sometimes). NEDUET introduced architecture to me in its real essence where I ended up having a broader vision, compassion and ability to connect architecture to real life context and scenarios. Thus, architecture on the whole became an analogy to as of improving people's lives; be it through research, designs, strategies, outlooks and management. It instilled in me an urge to create an impact and that's how I relate my career and education.

It has been almost 5 years, I am chalking out physical realization of schools in some of the most deprived localities of the country, impacting thousands of children and their lives working as an Architect at "The Citizens Foundation"- one of Pakistan's leading organizations that build schools all over Pakistan for the less privileged.

5 years of roller coaster ride full of hard work, determination with sleepless nights and hectic deadlines; my experience has been fulfilling, to say the least. Beginning with hand drawing the first year, to learning computer programs the second year, and applying both techniques to the years beyond in rigorous design studios, I have certainly come a long way in understanding the importance of patience and persistence (and yes contextual and environmental building design concepts too).

My experience at TCF mark for me 152 prototype school units; 2 theme based school units; research into low cost school design; 3 low cost schools; an engineering standard manual to streamline details, designs and process of construction throughout Pakistan; 3 performance recognition certificates and an initiative award. Above all it marks for me reaching out to make a difference in 28,260 lives through architecture. That; certainly make me grateful to the years I spend in acquiring education in this university.

I feel, NED instill architecture in students not only through innovation and theoretical ideas but mold them with an equally strong proclivity for making and doing, getting our hands dirty, actively engaging with real people and places, and dealing with critical issues of time. The classes were very demanding and real in the sense that I learned skills that I am applying professionally since I've graduated.

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**Name:** *Mufaddal Abbas*

**Organization:** *Coalesce Design Studio*



After intermediate education, the most crucial decision for any student is to opt for a perfect career of his choice and interest. I had developed my interest towards design at an early stage, when I found admiration for arts and crafts during my secondary studies. However, I never concluded for any particular career until I completed my intermediate education. My passion for design and built environment led me to direct myself towards Architecture as a professional career. Considering that the course for Bachelor of Architecture requires duration of five years of study, the selection of a right institution with a vibrant educational environment became critical.

After an extensive analysis and visits to several institutes offering the course, I decided to spend my five years of B. Arch studies at NED University. With a city campus entirely dedicated for the Architecture and planning department, located at a very lively centre of the town, surrounded by historical edifices and heritage site, compelled me to focus entirely on getting admission to NED University.

The first year of the course, being foundation year, introduced us to exciting new skills of arts and visual communication. The campus buildings and facades provided the exquisite canvas to refine our skills. The central location of the campus allowed us to explore various historical and architectural monuments and sites around the city. The National Museum and Arts Council being at a walking distance became popular for leisure.

Having a profound interest in travelling, it was a privilege for me to be a part of various international educational tours organized by the collaboration of the institute and student body. These included the participation in one of the greatest convention organized by National Association of Students of Architecture, India, held in Sonipat. An educational tour to Srilanka visiting prominent Architectural heritage and natural sites also led to a great experience.

The number of seminars and workshops held within the campus allowed me to explore my communication skills and helped develop a bolder personality. After completing my studies, I graduated as a confident, noble, enthusiastic and passionate Architect. Endowed with such great skill and knowledge from the experience at the university, I was able to get appointed as a Project Architect at a multi-disciplined design studio comprising of a team of accomplished professional; architects, planners, brand strategists, and graphic designers.

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**Name: Erum Khan**

**Organization: M/s Osmani & Company (Pvt.) Ltd.**



My name is Erum Khan. I am currently working as Deputy Manager (Architecture) in Osmani & Company (Pvt.) Ltd. Well, being a NEDian means a lot to me; since this is the main reason where I am right now. I belong to 2005-2010 batch. The continuous endeavor of my esteemed teachers and my interminable passion for this field led me where I am right now. Going back in time.....Aaahhh! it's like a glimpse of a midnight dream, I can just describe it in phrases.... endless funs, unconditional affections, hectic days, sleepless nights, this all accumulates in a product which is priceless.



Being an Architect means a lot to me. Being on campus was one of a lifetime experience of anyone's entire life. I could not forget that laughter, those worries and those excitements over there. All the walls of my department witnessed our long time working there for the development of self.

My message for the newcomers and the new graduates in Architecture is that being in Architecture is not easy; one has to be persistent in his/her efforts and tenacious in goals. Do your best to serve humanity in the best way you can.

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**Name:** Asma Asghar

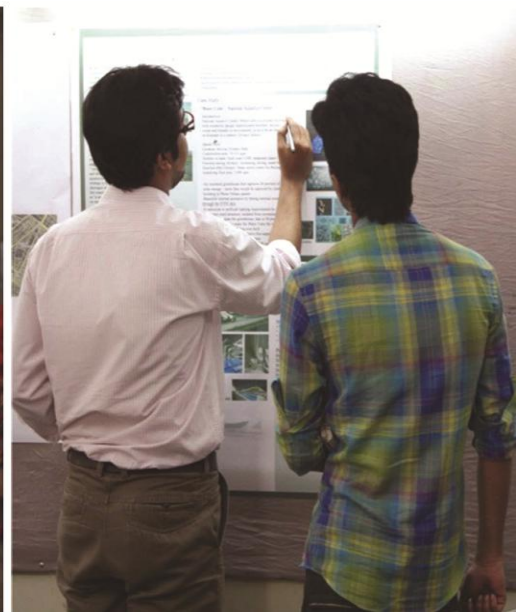
**Organization:** The Indus Hospital

"THE NED" It will not be wrong if I say it was best experience of my life, where I did all my emotional dramas along with educational expertise. I never wanted to join NED as student of architecture; it was my father wish to join NED, being a Mashriqi Beti (Eastern Daughter) I agreed to fulfill his wish, although it was a great decision of my life.

Very first day I felt like it's not a space of dream, most of the students did not accept it as a university, but after time they feel like that it's a best place to learn with memories. In NED (Architecture Department) I see art with the sense of humanity and education with sense of community. Here I get combo of education, from that I can built my dreams with a concern of care for society. The location of campus plays important role as student can engage with variety of communities and can learn from heritage in surroundings. One thing more which I like in this department, here you get sense of belonging that even after graduation sentence will not change into past, I always say THIS IS MY UNIVERSITY. Today I am proud of myself as alumni of NED.



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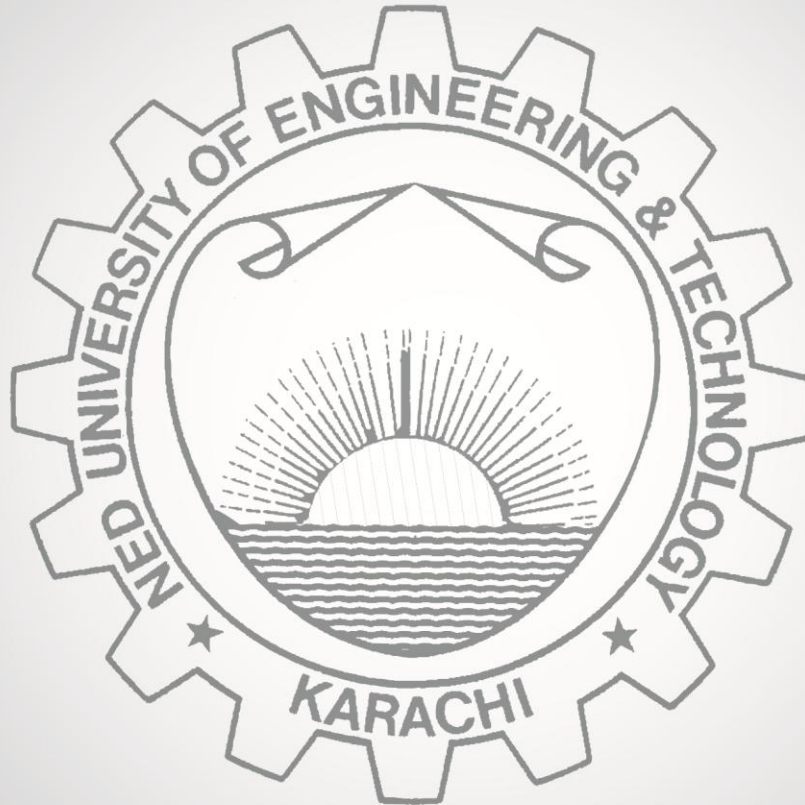
## ***Way Forward***

This first edition of NED Alumni Experience of academic learning and joyful moments of student life is a message of inspiration and motivation for those who dream to become part of NED Alumni, those who are fortunate to achieve their dreams and studying here and a collection of memories for those who have graduated and working in their respective professions. There is huge number of NED Alumni all around the world. The purpose of this booklet is to gather voices of experience from various professionals from all corners of world. All NEDian students and Alumni are invited to comment, send feedback and share their experiences as a way forward to this journey.

Please remember that this is the first publication of this series. The spread of our alumni is very vast and growing. We intend to make this publication a regular feature and intend to publish it after every two years. This time shall enable us gather feedback from our esteemed stakeholders and colleagues. It will also be a useful time to acquire fresh messages from our alumni.

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