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MAGAZINE | ISSUE# 02

PROGRESSIVE EDUCATION NETWORK

QUALITY EDUCATION, BRIGHT FUTURE



School Transformation Approach

Non-Formal Evening School Program


Expanding the PEN Horizon

Becoming An Intellectual Lead

 **Schools: 292**

 **Enrollment: 75,615**

 **PEN Teachers: 723**

 **PEN Employees: 1,150**

In The Name Of Allah,
The Most Beneficent,
The Most Gracious,
The Most Merciful!

THE CHIEF EXECUTIVE OFFICER

Dear Readers,

Education is not merely the transmission of knowledge; it is a well-disciplined system wherein dreams are envisioned, innovations are sparked and futures are carved out by transforming the intellectual landscape of individuals, families and societies.

PEN is committed to upgrade the infrastructure of schools, sharpen the pedagogical skills of teachers and create conducive learning environment for students. Consequently, the students are driven towards critical thinking and creativity leading to life-long learning. In addition to imparting foundational education, PEN intends to create professional excellence in the realm of education.

As CEO, I feel encouraged to observe the sheer passion and dedication exhibited by the PEN Team in providing innovative teaching methodologies, subject based hands-on activities, and customized digital content.

PEN shares its practices and experiences with public and private organizations through innovation, collaborations and partnerships. Thereby, we proactively seek educators and academic institutions who correlate with our vision and mission.

Let's be affirmed to project the '**Cause of Quality Education For All**' and strive hard to develop the holistic personality of students with the sole objective of enabling them to face the towering challenges of 21st century.



Profound regards,

A handwritten signature in black ink, appearing to read 'Najeeb Khan', written in a cursive style.

Dr. Muhammad Najeeb Khan

WHO WE ARE

A Non-profit company, registered with the SECP under section 42 of the Companies Ordinance 1984.

Our Values

- Social Responsibility
- Corporate Governance
- High Impact
- Radical Transparency

VISION

To be a provider of free and quality education to all children to help achieve a literate, developed, prosperous and enlightened Pakistani nation; playing a responsible role in the world.

MISSION

- To create a conducive school environment for learning-nurturing ethical, socially responsible, forward-looking future citizens of Pakistan.
- To engage, trained and compassionate teachers committed to the cause of nation-building through education.
- To adopt and leveraging on technology and modern techniques in teaching and learning process.

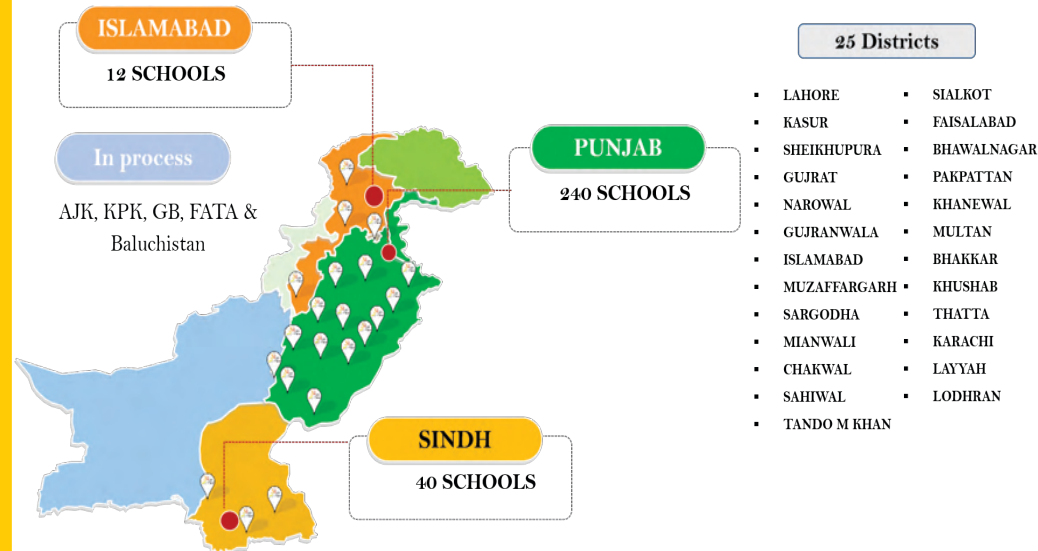
GOAL

To enroll more than one (1) million children in PEN managed schools by 2030. To reach five (5) million Pakistani children as regular users of educational tools based on PEN technology.

OUR PRESENCE

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

Sustainable Development Goal#4
(The 2030 agenda for Sustainable Development-United Nations)



PEN MODEL SCHOOL

- SCHOOL/TEACHING KIT
- PEN PORTAL
- MONITORING APP
- LIBRARIES
- COMPUTER LAB
- BIOMETRIC ATTENDANCE
- SMART BOARDS

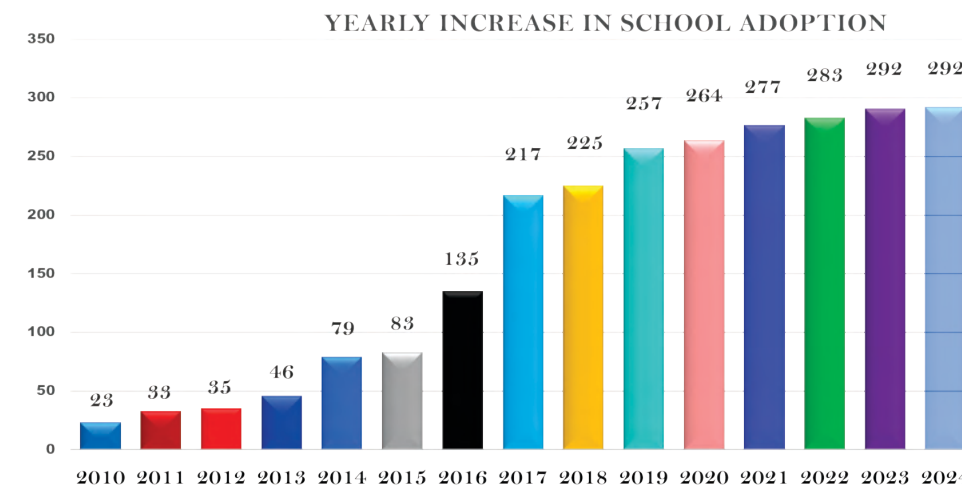


- ELECTRIC WATER COOLER
- NEW FURNITURE
- RENOVATION
- PLAY GROUND/SWINGS
- HYGIENE KIT
- SPORTS KIT

Education is not preparation for life; education is life itself.

John Dewey

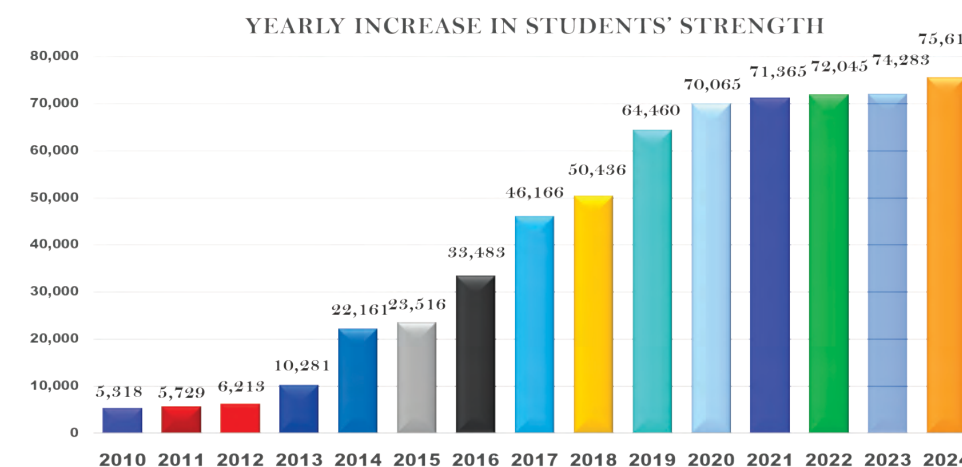
YEARLY ADOPTION OF SCHOOLS



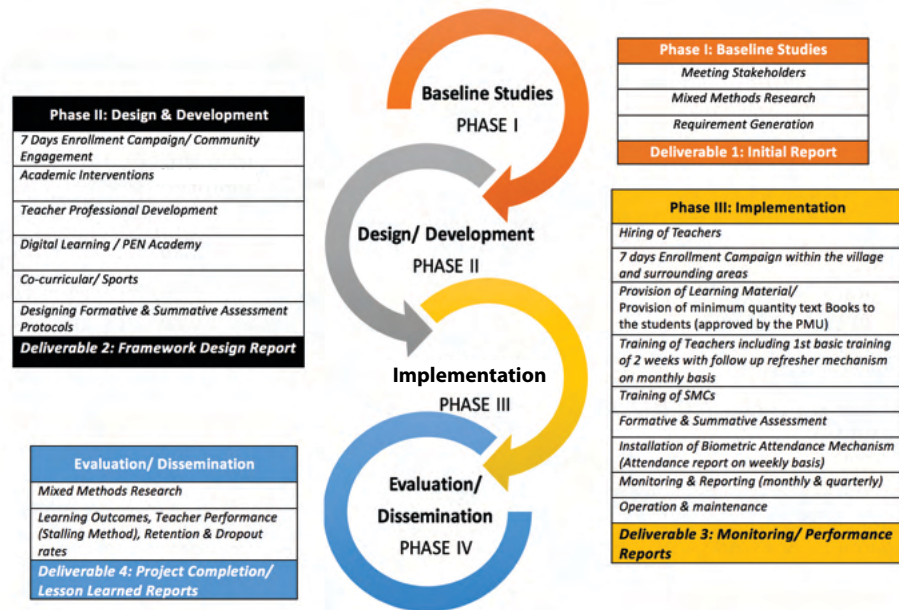
We must remember that intelligence is not enough. Intelligence plus character-that is the goal of true education.

Martin Luther King Jr.

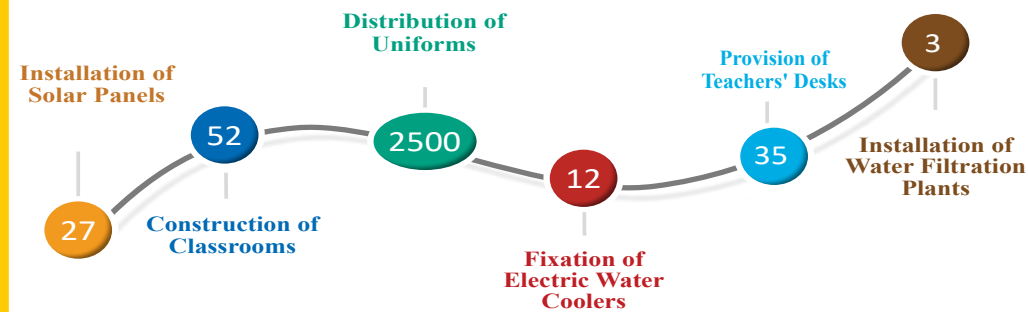
YEARLY INCREASE IN ENROLMENT



SCHOOL TRANSFORMATION APPROACH



SCHOOL INFRASTRUCTURE SUPPORT



DEPARTMENT OF ACADEMICS



The academic team works to improve the learning environment of the PEN-adopted government schools. It focuses on the education of students and their needs to graduate with good scores. The department designs the activities to prepare the students to attain their short and long-term goals. Other contributions are effective classroom teaching, academic advising and counseling of students, development of workbooks for primary classes and assessment tools. The team visits the school for monitoring and evaluation of faculty and non- faculty on regular basis.



PEN 100 SCHOLARSHIP PROGRAMME

PEN 100 Scholarship Programme is a financial assistance program that aims to support students who are facing difficulty in pursuing their studies. We have awarded 74 scholarships to the deserving high achievers till now.

All competent students of PEN-adopted schools, public and private colleges and universities, are eligible for PEN 100 scholarship Programme. 2 % of the scholarship is fixed for the children of PEN employees. PEN 100 scholarship programme aims to have 100 students as alumni in future years and to motivate them to carry forward the mission of PEN towards the welfare and uplift of society regardless of the barriers.



PROJECT-BASED LEARNING



Reading Project

- Read is Need (English comprehension)
- (Urdu comprehension)
- (Reading with expression, making of scrapbooks)



Listening Project

- English and Urdu Rhymes



Math Flash Project

- Dodging Numbers / Tables
- Shapes
- DMAS (Division, Multiplication, Addition and Subtraction)



My Science Pictionary Project

- Collection of pictures from science book
- Making booklets with labeling (Alphabetically)



SCHOOL HEALTH CARE SERVICES

Number	Service	Description
01	FACILITIES	Each school has safe drinking water, toilets, handwashing, drainage, clean class & compound
02	HYGIENE EDUCATION	Each school has hygiene class which is participatory and focused on life skills. Teacher, school or children have organized activities to community to parents/community.
03	USE & MAINTENANCE	Pupils use the toilets/urinals Hands washed with soap/ water Sweepers provided to clean toilets daily
04	HEALTHY DIET	PEN Free lunch programme ensures healthy and balance diet offered to the kids at school.
05	CHILD CHECK UP	Physical examination, dental examination, eye examination, audiometry test, lung function test etc.
06	PARENTAL AWARENESS	Parents are guided on how to keep their children healthy
07	PHYSICAL ACTIVITY	PEN schools have plenty of unstructured play and activity like running, chasing and playground games.
08	COVID-19 AWARENESS	Face masks, handwashing, social distancing etc.



MORAL, SOCIAL & EMOTIONAL LEARNING

Moral, Social & Emotional Learning at PEN-Adopted government schools aims to stimulate ethical reasoning, reflection, awareness, responsibility, compassion, nurturing, respectful and empathetic attitude towards others. This helps students to overcome prejudice, discrimination and other immoral behaviors.



CO-CURRICULAR ACTIVITIES



Student Committees in schools.

1. VALUES COMMITTEE
2. ENVIRONMENT COMMITTEE



Art Competition



Independence Day



Mother's Day Celebration



Plantation Drives

DISTRIBUTION OF SHOES & SWEATERS

In Winter, barefooted kids without sweaters, walking to a government school, is a common sight in Pakistan. Government schools are populated by a bulk of poor family kids who cannot afford proper clothing and shoes. These children are frequently attracted to fungi, viruses and several illnesses that cause serious harm to their health. Giving needy children clothes and shoes is an efficient approach to protect their bodies.

In 2016, PEN launched a project to provide **free-of-cost** clothing and shoes to kids in its adopted schools. Since then, we have provided almost 4,000 PEN students with 3,000 pairs of shoes, socks and 3,000 sweaters.

We aim to provide shoes and clothing to needy children attending public schools in rural Pakistan. Our children are happier when they wear warm clothes and stay active. Furthermore, it greatly reduces the financial burden on the parents who might worry that they won't be able to dress-up their children appropriately. The school administration appreciates our initiative that develops a sense of pride and affection in the students.



NON-FORMAL EDUCATION PROGRAMME



Evening School Programme has been initiated to bring out-of-school children into the mainstream, who work in various capacities, to earn a living but cannot attend the school in daytime.

Dr. Muhammad Najeeb Khan, CEO-PEN was invited by Dr. Farah Masood, Commissioner Sargodha Division, to contribute to the successful implementation of the **“Non-Formal Education Programme”** in Sargodha District. The goal is to mobilize schools and communities not only to promote the value of good attendance but also to take concrete steps toward reducing chronic absence. PEN has provided computers to inculcate Information Communication Technologies (ICTs) learning to enhance the IT skills of students.



Sargodha: Address of Commissioner Sargodha Division, Dr. Farah Masood and CEO Education, Riaz Qadeer Bhatti in the inauguration ceremony of Evening School Programme. Deputy Commissioner, Naila Baqir and Principal Khalida Amjad is also present.



TEACHERS' PROFESSIONAL DEVELOPMENT PROGRAMME (TPDP)

Better Teachers Make Better Students! The Training Department ensures that all teachers who enter the classroom are confident and well-equipped with pedagogical skills.

The emphasis is on the practical aspects rather than theory. Moreover, implementing the skills learned in the training courses not only improve the teaching abilities of the teachers but also expand their career growth.

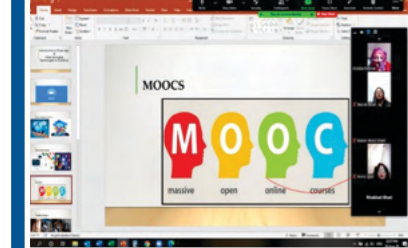
Throughout the year 1,000+ training sessions, including online courses have been conducted. 10,239 public school teachers participated from all over Pakistan.

The team works on the development of lesson plans and ensure the effectiveness of teachers' diaries.



ANNUAL CYCLE

- Monthly Trainings
- Spring, Summer & Winter Trainings
- On-Job Trainings
- Online Trainings



LUBNA RAFIQUE

Govt. Primary School
Gulab Devi, Lahore

“I joined PEN almost 5 years ago, but I never would have predicted that I will stay here for this long. I had always been a confident person, but PEN and my supervisors have made me comfortable in my confidence. And isn't this the essence of being a teacher? We are guided in every way possible with regards to lesson planning, diary keeping, syllabus formulation and conducting co-curricular activities”.



KUBRA MANZOOR

Govt. Primary School
Jhugiyar Makhan Singh, Kasur

“When I joined the underperforming government-run school, everything was in pathetic condition. The school building was tattered, no text book for kids; and multi-grade teaching was carried out due to lack of space. Luckily, PEN adopted this school & brought multiple interventions to improve school infrastructure; offered annual & biannual teacher training; provided textbooks & notebook to students and introduced rules & policies to improve the school governance”.



PEIMA DEPARTMENT: PSSP-PROJECT



The Government of Punjab has established Punjab Education Initiatives Management Authority (PEIMA) under Punjab Education Initiatives Management Authority (PEIMA) Act 2018. This Authority has been established to devise, implement and manage reformatory & dynamic initiatives in the education sector in partnership with the private sector.

As per the vision of PEN board of directors, it is much more efficient to adopt underserved public schools for a long period, this would allow us to add and build o



n their existing infrastructure and have an immediate impact on the student population by implementing our reforms and programs. We believe that instead of investing resources in 'brick and mortar, we can leverage the existing infrastructure of public schools.

Progressive Education Network adopted **151** public schools from PEIMA under the project **Public School Support Program** (PSSP) in 14 districts of Punjab. We ensure quality of education by introducing reformatory initiatives, capacity building, efficient utilization of existing public-sector facilities.



PEN SHINING STARS

DARAKHSHAN JOKHIO

Our story begins as most stories do; with a young child having underprivileged but loving parents who wanted the best for their child. Darakhshan Jokhio was born in a remote village in Sindh where her father worked as a postman. When she came of age, her father made the right but undoubtedly difficult decision to move his family to Thatta city for the sole purpose of providing his children with better education. Her father's decision to move and to educate his children inspired others to follow in his footsteps. Ms. Jokhio completed her matriculation from a PEN-adopted Government Girls Secondary School, Ward no.1, Thatta and did her Intermediate at Degree College, Thatta.

PEN provided Darakhshan with not only quality education but also training and a platform for public speaking. That resulted in Ms. Jokhio's selection to represent Pakistan at the United Nations General Assembly in New York. She was elected as a member of the Students' Representative Council. The title of Ms. Jokhio's speech was **"Girls' Education and Early Child Marriages in Pakistan"**. She spoke for the children rights and literacy.



REHANA ASHIQ

This story is about a girl who dreamt about a life that very few in her position would. Rehana Ashiq began her life in the humble surroundings provided by her father, who works as a support staff at a private institute. From the time she could remember, she wanted to become a doctor. With this aim in mind, she exerted herself on her studies and extracurricular activities.

Rehana's determination and hard work were recognized by our organization. With Rehana managing her part, **PEN 100 Scholarship Programme** supported her with the necessary finances to transform her lifelong dream into reality. We feel privileged that our scholarship holder is on her way to become a physical therapist studying at Allied Health Sciences Children Hospital, Lahore.



DIGITAL LEARNING PLATFORM



The project is a collective impact initiative aimed at dramatically improving K-12 student achievement through the use of Information Communication Technologies (ICTs) tools in Pakistan, that will help educate children anytime and anywhere.

PEN develops short lessons in the form of videos, virtual reality and gaming content. The e-portal (www.penacademy.pk) and YouTube channel (<https://www.youtube.com/PENAcademyPk>) include supplementary practice exercises and material that are freely available to the learners. The E-portal and its contents are available in English and Urdu for children, teachers and parents. The project aims to mobilize public schooling to improve education through the use of digital technologies and online tools.



"We need technology in every classroom, and in every student's and teacher's hand, because it is the pen and paper of our time, and it is the lens through which we experience much of our world."

--- David Warlick ---



Development Process



LUMS - BRIDGING BARRIERS

Keep shining, Future leaders

A moment to mark in calendars!

LUMS cohorts were back with their Ace-game in our schools. Recently they organized a flagship event Olympiad, well, guess what?

Our students crushed it, snagging TOP SPOTS in Drama, History trivia, Debates, Handwriting, Arts & Race. We are bursting with pride for our amazing students, and can't wait to see what incredible things they will achieve next.



LEARNING UNITES, EVEN IN THE FACE OF FLOODS

In 2022, unprecedented rainfalls have plunged Pakistan into a humanitarian crisis, impacting communities' nationwide.

Our commitment to education never falters. We established 14 Tent Learning Centers (TLCs) to ensure students continue their studies, even amidst these challenging times. We understand the trauma they've faced, but learning offers a sense of normalcy and empowers them to build a brighter future.



FREE LUNCH FOR KIDS



CEO PEN, meets Shahid Lone, Founder and Chairman, Allah Walay Trust

Regular nutritious food is vital for physical, mental and educational development of children. It affects their ability to focus, concentrate and learn. In Pakistan, most of the households struggle to put enough good-quality food on the table for their children. In communities facing greater socio-economic barriers, 75% of parents run out of food more often. PEN launched a **"Free Lunch Programme"** in schools with the collaboration of **"Allah Walay Trust"** to reduce food insecurity by providing a nutritious lunch every day at school. It has improved the physical health of children over the last couple of months. Due to free lunch, we have happy kids and teachers who are energetic and more motivated to learn every day.



ACROSS THE AIRWAYS

This year, CEO-PEN, Dr. Muhammad Najeeb Khan, was invited to Express News, Khair-e-Ramzan Transmission. He shared the work and impact of PEN, making a difference in the lives of underprivileged children through imparting quality education in schools since 2010.



REVIVAL OF HISTORY - ALIGARH MODEL SCHOOL, MULTAN

We're Taking Education to New Heights

It is to announce a new and exciting chapter in our commitment to education! We all know that actions speak louder than words, and that's the philosophy that drives our transformational approach to holistic empowerment. PEN partnered with **Fazal Cloth Mills Limited (FCML)** and **DC Multan** to transform Aligarh Model School, Multan.

Imagine students sitting comfortably in well-maintained classrooms instead of battling outdated infrastructure.

We helped by renovating academic blocks, revamping the hall, and rebuilding washrooms. Learning shouldn't be confined to four walls, so we equipped students with notebooks, planners, and other essential tools.

We believe that teachers are the backbone of any educational institution. We invested in their growth through professional development programs that cover everything from ICT integration to the latest curriculum advancements.

Because true empowerment goes beyond just words, it's about tangible actions that create lasting change.

And that's the difference we make.



EXPANDING THE PEN HORIZON

The growth in the number of schools under our care stands testament to the faith and trust that PEN has accumulated over the years. With PEN-adopted schools, that are 283 with 72,045 enrollments and 745 qualified teachers, the network has become a noticeable change agent in the field of education.

PEN footprints are strong in Punjab, followed by Sindh and Islamabad. While talks are underway within both provinces to further strengthen our presence, the exhilarating fact is the headway made in penetrating AJK, KPK, Gilgit-Baltistan, FATA and Baluchistan. The CEO and senior management of PEN is in regular liaison

with government officials in the aforementioned regions. It is anticipated that the formalities will be concluded sooner rather than later, enabling us to move swiftly towards achieving our primary goal of providing quality education for all.



CEO PEN meets former CM Baluchistan Aslam Khan Raisani and Schools Secretary Quetta

Walking through the school gate, waving at old friends, sharpening your pencil and cracking open a fresh workbook; such wonderful memories stay with us. At the time, it may have seemed irritating and frustrating, but let's admit it, most of us miss

our school days. Schools are much more than just brick walls, desks and chairs, whilst fully agreeing with it, as quoted by Malala Yousafzai **"One child, one teacher, one book, one pen can change the world"**. It is human nature to be swayed towards things that are orderly, proper, methodical and

neat. A child's heart and brain is no different. Give him a proper structure with all the facilities and then watch as he exercises his mind and imagination.



Meeting with Shehryar Afridi, Federal Minister at PEN Head Office.

Punjab Education Minister, Murad Raas, met CEO Gujranwala and Sindh.

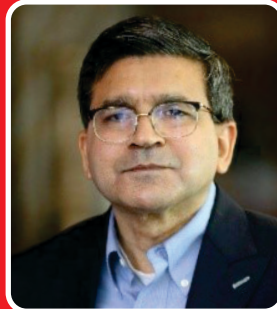
OUR COLLABORATIONS

PEN is thankful to all the prestige collaborators, who are on the same page of providing social services and have been connected with us through memorandum of understanding.



MoUs signed with Habib Bank Ltd. (HBL), Japan International Cooperation Agency (JICA), Noon Academy, Sindh Education Foundation(SEF), Ministry of Federal Education and Professional Training (FDE), National Commission for Human Development (NCHD)

BOARD OF DIRECTORS



OMAR KHAYYAM SHEIKH (CHAIRMAN)

Chief Executive - Hadayat Sons and Co.

Omar Khayyam Sheikh, wearing many hats in laying the foundations of several private and public business entities, is the present chairman of Progressive Education Network.

Prior to this, he began his professional career as an investment banker, first at Merrill Lynch in New York and then as a Limited Partner at the Lodestar Group, a merchant banking boutique firm.

He graduated from Columbia University, New York, USA. He was awarded the John Jay Scholarship and the Leonard Pullman Award for his academic excellence and services to the institution. He holds an Executive MBA from LUMS with a Silver Medal.

Mr. Omar's research work was based on universalizing primary education in Pakistan. He is author of the book named, "**Strategies of Prophet Muhammad (PBUH)**", in which he narrated the extensive journey of prophecy under the staunch principles of the Islamic foundation.



ADNAN ASDAR ALI CEO - Multinet Pakistan Pvt Ltd.

Adnan Asdar Ali is among the founding members of PEN. He is reputed to be the greatest torchbearer of uplifting the spirit of adhering to the purpose of solving problems of billions in the most effective manner.

He received a degree in Science from Wisconsin, USA and did Masters in Civil Engineering from Minnesota, USA. His true passion and dedication stem from the benevolent initiatives he supports in underserved areas of education, disaster management, healthcare, affordable housing and the environment.

Adnan Asdar Ali is an entrepreneur and currently Chief Executive Officer of Multinet Pakistan Pvt Ltd. (which he founded in 1996) and Chairman of the Searle Co. Ltd. Through his 35 years of progressively diverse experience, he has reformed the sectors of structural/forensic engineering, construction, quality control, project management, telecommunication, digital eco-systems, IoT enablement, education-for-masses, and telemedicine.

Mr. Ali has been honored with '**Sitara-e-Imtiaz**' for his philanthropic contributions to the great nation of Pakistan.



AGHA SHAHID MAJEED KHAN

Senior Managing Partner - Agha Shahid & Associates

Agha Shahid Majeed Khan, Advocate High court, holds a status as the founder of PEN. He has been associated with the organization to promote the welfare of children in the underprivileged areas across the country, especially through his generous contributions to good causes.

He is a law graduate from Karachi University and did masters in Administrative Sciences from the University of Punjab. He was awarded British Council Scholarship for studying Master of Commerce in Marketing University of Strathclyde, Glasgow, UK. He has specialized experience in and has predominantly been involved in providing Customs, Federal and Provincial Sales Tax, National Tariff Commission, Engineering Development Board and Import/Export Policy issues.

Mr. Agha is an **Accredited Instructor** by the World Customs Organization on Strategic Trade Control Enforcement (STCE) for dangerous goods.



AHSAN IMRAN SHAIKH CEO - Millat Equipment Limited

Ahsan Imran Shaikh, being a PEN founding member, has been involved in the structuring of organization since 2005. He has always considered that a deep focus on the core values of the organization is essential as they are the basic operating systems.

He is a Ravian (alumni of Govt. College University, Lahore) who studied Mechanical Engineering from UET (University of Engineering and Technology, Lahore) and did Master of Administrative Sciences from the University of the Punjab, Pakistan. He earned a degree of Masters in Business Administration (Finance) from the University of Bridgeport, Connecticut, USA with a public scholarship.

Mr. Ahsan is an **executive social entrepreneur** and has been serving Millat Tractors Limited for about 14 years as part of management. He has diverse experience in administration, production, supply chain, marketing and project management. He is also associated with various developing companies in automobile sector and participated in strategic planning and implementation programs.

BOARD OF DIRECTORS

FAROOQ NASEEM

Chairman and CEO - DWP Group

Mr. Farooq Naseem is a leading entrepreneur in Pakistan. He is an avid believer in transformation through primary education and partakes in several social-welfare services.

He graduated in Mechanical Engineering from the University of Minnesota, Minneapolis, USA and did Masters in Business Administration (MBA) from the University of Notre Dame, USA. He is a **Certified Public Accountant (CPA)** from the American Institute of Certified Public Accountants, California, USA.

Mr. Naseem has been associated with professional institutes of Engineering, Finance and Accounting; He is a visiting faculty member at the Institute of Business Administration (IBA) Karachi and the Institute of Chartered Accountants Pakistan (ICAP), both at Karachi and Lahore. Like PEN, he is also on board with TRUST Schools, LUMS, The PAKPUR Foundation and LABARD (rehabilitation of the disabled through the Lahore Chamber of Commerce and Industry).



NADEEM BABAR

Chief Executive Officer, Orient Power Company (Pvt) Limited, Pakistan

Nadeem Babar is also the co-founder and has served as the first Chief Executive and Chairman of Progressive Education Network with the mission of uplifting primary education in Pakistan.

He holds an M.S. in Civil Engineering Management from Stanford University, a B.A. in Economics from Columbia University and a B.S. in Civil Engineering from Columbia University. He was elected to Phi Beta Kappa (Liberal Arts) and Chi Upsilon (Civil Engineering) honor societies for academic excellence. He completed his 'A' Levels from Aitchison College Lahore, where he was awarded the **Churchill Medal**.

Mr. Babar is a senior executive with decades of experience in corporate finance, investment banking, energy infrastructure, power generation. He has contributed to the growth of the social sectors, particularly those related to health and education. In his career, he has been a founding member and director of various companies and organizations like Saba Power Company (Pvt) Limited, Pakistan, Phoenix Energy Systems (Pvt) Limited, Pakistan Oursun Solar Power Limited, Pakistan, El Paso International & Coastal Power, Houston and non-profits as Ashrafi National Educational Trust (owned by the family), The Pakpur Foundation (founder). He has done business in 26 nations, including the majority of the important markets in Asia and Latin America.



SALMAN AKHTAR

Founder and Co-CEO - Techlogix

Salman Akhter is among one of the board of directors, who inclines to the idea of social uplift through digital education that enables students to assess what they need to know to seek and use online resources for learning. It significantly enhances their productivity, learning capacity and efficiency.

He is an awardee of graduate and master degrees in Electrical Engineering from Massachusetts Institute of Technology, USA. He did his MS thesis research in compound semiconductor physics at the **IBM Thomas J. Watson Research Center, United States**.

Mr. Salman is the primary contributor to the development of the BPX™ industry-leading BPM/SOA delivery methodology. He has been a frequent speaker at industry conferences and panels. His current technical interests include SaaS models of solution delivery for enterprise systems, innovative technologies for solving large-scale problems in the financial services and higher education verticals, and the merging of BPM/SOA, operational Business Intelligence, and event-driven business systems.



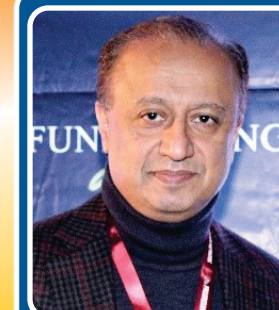
DR. SHUJAAT NADEEM

Group Head, International & Strategy - The Saudi National Bank

Dr. Shujaat Nadeem is a great humanitarian and is also respected as one of the founding members of PEN. He is committed to the promotion of primary and secondary education for the under privileged children in Pakistan.

He holds a BSc, MSc. & Ph.D. from Massachusetts Institute of Technology (MIT), USA in Electrical Engineering and Computer Sciences. He has authored several papers in the field of Analog Integrated Circuit Design. He is a member of Eta Kappa Nu, Beta Pi, and Sigma Xi honor societies for high achievements in the scientific fields.

Dr. Nadeem is also a holder of the **Darlington Award for Co-authority** of one of the most quoted papers in the field of high-resolution analog-to-digital conversion. He currently holds the position of Chairman of the Board for Samba Bank Pakistan and is Chairman of the Board Risk Committee for SNB Capital, the investment bank subsidiary.



BECOMING AN INTELLECTUAL LEAD

The most crucial information regarding the two fundamental aspects of this research are Development and Reforms. The word development is the process of developing education, growing, or changing the direction of work while reforms are the amendment of the existing educational policies and procedures, improved form or condition, or change from worse to better.

It is widely accepted that Kazakhstan places a high priority on education. The common goal of educational development and reforms in Kazakhstan is to adapt the education system to new socio-economic environment and increase the competitiveness of education and development of human capital through ensuring access to quality education for sustainable economic growth. The President of Kazakhstan has also set a task on the accession of the republic to the club of 50 most competitive countries in the world. As global experience shows, investments in human capital, and, in particular, in education, starting from an early age to a mature age, results in significant benefit for the economy and society. There are many facts, linking education and economic development: a review of international research in macro- and microeconomics proves that there is a close link between education, salaries, and productivity and various studies prove that investing in the education is most vital act to develop the society and a great chance to get back your investment financial and non-financial way(s). It is noteworthy to mention that the first step in determining your return on investment (ROI) in schooling is at an early level.

Expanding access to education: Kazakhstan has worked towards improving access to education, especially in rural areas and for disadvantaged groups. Measures have been taken to build more schools in inaccessible areas, provide scholarships, furniture, teaching kits, Labs, and financial assistance to students from underprivileged backgrounds, and increase enrollment rates.

Curriculum Development: Kazakhstan implemented a new curriculum, known as the State Compulsory Educational Standard (SCES), which emphasizes the development of critical thinking skills, creativity, and practical knowledge. It's also called Modernizing Curriculum and Teaching Methodology (MCTM). The SCES/MCTM aims to equip students with the necessary skills for the modern job market. The curriculum has been updated to include the competences and practical abilities that employers are looking for.

Integration of Technology: In an effort to improve teaching and learning, Kazakhstan is progressively incorporating technology into its classrooms. This includes providing schools



中国传媒大学
COMMUNICATION UNIVERSITY OF CHINA

EDUCATIONAL DEVELOPMENT & REFORMS IN KAZAKHSTAN



Prof. Li Huailiang (Dean-ICSF)

Presenting award to Jaleel Rathore (HR -PEN) for Article Writing Competition in Communication University of China. (CUC)

<https://prccsf.com/paper/pdf/Educational-Development-and-Reforms-in-Kazakhstan.pdf>

with modern equipment, such as interactive whiteboards and computer labs, as well as implementing e-learning platforms and digital educational resources. The government has prioritized the integration of technology in education to enhance learning outcomes. This entails giving schools access to the internet, setting up computers and other technology in the classrooms, creating e-learning platforms, and encouraging the use of digital resources in the classroom.

Improvements in Infrastructure: Infrastructure is a major aspect of the education system. The government renovates the unfit buildings into the model school. To give kids better learning environments, the government has invested in school building and restoration. This includes making improvements to spaces like libraries, labs, classrooms, and leisure areas.

International Partnerships: Kazakhstan has aggressively pursued collaborations with global institutions and organizations, like the World Bank and UNESCO, in order to take use of their resources and experience in educational reform. Exchange programs and educational initiatives have also been utilized to encourage

collaboration with other countries.

Strengthen Vocational and Technical Education: The country has placed increased importance on vocational and technical education to address the needs of the labor market. The government has increased access to vocational training by developing programs that give students real-world experience in a range of areas. Kazakhstan has placed a high priority on the creation of Technical and Vocational Education and Training (TVET) programs in order to close the skills gap and meet industrial demands. This entails forming alliances with companies, offering internships, and modernizing TVET facilities.

In Kazakhstan, efforts are being made by the government and educational institutions to raise the standard and accessibility of education in the nation. This is known as educational reform. These reforms aim to better prepare students for the challenges of the twenty-first century while bringing the educational system into compliance with international norms. One of the key areas of focus in educational reform has been the modernization of curriculum and teaching methods. Kazakhstan has been working towards implementing a competency-based approach to education, which emphasizes the development of skills and abilities rather than just knowledge acquisition. This approach aims to equip students with critical thinking, problem-solving, and communication skills, which are essential for success in the modern workforce. Another important aspect of educational reform in Kazakhstan is the integration of information and communication technologies (ICT) into the learning process. The government has been investing in infrastructure development, providing schools with computers, internet access, and educational software. This integration of technology aims to enhance learning outcomes and to better prepare students for an increasingly digital world.

The government has decentralized the management of education, granting more decision-making powers and autonomy to regional and local educational institutions. This enables them to target particular requirements in the area and modify educational plans accordingly. Efforts have also been made to improve teacher training and professional growth. The government has put in place a number of initiatives to improve the abilities and expertise of educators, including performance-based evaluations and chances for additional study and training. These initiatives aim to ensure that teachers are equipped with the necessary tools and skills to deliver high-quality education.

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