



ENGICON



SHAPING THE FUTURE OF ENGINEERING TOGETHER

PEC INSIGHTS

issue 01 - JANUARY 2025

THE LEADERSHIP

Welcome to **ENGICON**, a new regular publication, and gateway to the latest news, insights and updates from a vibrant engineering fraternity. This inaugural issue marks significant milestones for the first quarter of the newly elected Governing Body of PEC.

As we transition into the second quarter, I am filled with immense pride and optimism based on the in-depth triangulation of brainstorming to plan a comprehensive roadmap. The initial days have showcased the power of forward-thinking leadership, dedication, and a shared vision in transforming PEC into an vibrant institution that is pivotal for the engineering profession in Pakistan.

Our focus is clear: to shape PEC into a dynamic, 21st-century regulator that not only meets but exceeds the expectations of its stakeholders. With the unwavering support of the current Governing Body, we have embarked on a journey to modernize and elevate PEC on all fronts.

Among our key achievements is the launch of first-ever PEC Desk in HEIs, setting the stage for many such initiatives to follow. We have also undertaken a nationwide branding overhaul of PEC offices, ensuring consistency and accessibility across the country. Furthermore, we introduced the practice of awarding the Engineer title alongside graduation ceremonies, celebrating this milestone moment for future professionals.

These accomplishments are just the beginning. With a forward-looking approach and the tireless efforts of this Governing Body, PEC is positioning itself as a catalyst for national progress. We are building a foundation for an institution that not only regulates but also inspires, uplifts, and empowers the engineers and profession.

As we look forward to 2025, our focus remains steadfast on achieving key milestones, which include resolving outstanding issues related to technical allowances, service structure, enforcement of PSBDs, institutionalizing PEC ADR Centre, Promotion and Development of Construction Industry, as well as enhancing the quality of professional competence by introducing well structured certification and Internship Programs.

I encourage all engineers to actively participate in this transformation. Together, we can make PEC a beacon of excellence, a driver of innovation, and a partner in building a brighter future for Pakistan.

Engr. Waseem Nazir,
Chairman PEC



PERSPECTIVE

Welcome to the inaugural issue of the Pakistan Engineering Council (PEC) Magazine, a platform dedicated to celebrating the accomplishments, aspirations, and potential of Pakistan's engineering community.

As we launch this publication, we reflect on the remarkable role engineers play in shaping the world around us. Our graduates and students are our most valuable asset—individuals brimming with talent, innovation, and ambition. It is our collective responsibility to invest in their growth, nurture their potential, and empower them to lead Pakistan into a brighter, more sustainable future.

This magazine serves as a testament to PEC's unwavering commitment to fostering excellence in engineering education, practice, and innovation. The envisaged steps, while significant, are only the beginning. Our vision is to position PEC as an institution that not only regulates but also inspires and enables.

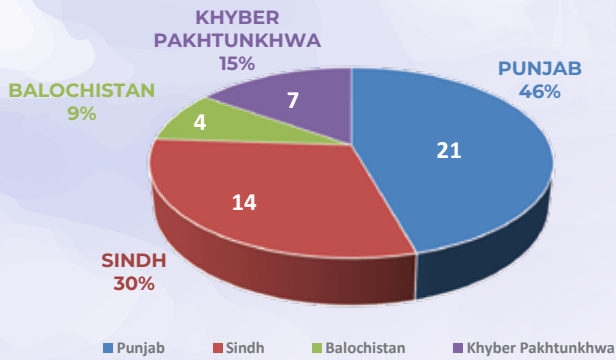
We are committed to addressing longstanding issues such as the improvement of professional development programs, connectivity and quality ensuring that PEC evolves into a platform that champions innovation, supports its members, and contributes to national progress.

To our young engineers and students: you are the architects of tomorrow. The future of Pakistan's development, sustainability, and competitiveness rests in your hands. Together, let us channel our shared determination and vision to create an environment where engineering talent thrives and excellence becomes the standard.

I encourage each of you to engage actively with PEC and contribute to this journey of transformation. With unity, dedication, and innovation, we can build not just a stronger PEC, but also a stronger Pakistan.

**Engr. Prof. Dr. Sarosh Hashmat Lodi,
Sr. Vice Chairman PEC**





On 07th September 2024, newly elected Governing body comprising of professionals from various disciplines of Engineering united to bring a wealth of expertise and experience for the Pakistan Engineering Council (PEC) for the term of 2024-2027.

Elected Body Demographic Representation

The PEC is governed by a comprehensive framework comprising of 66 council members of which 46 are elected and 20 are nominated.

Overseeing this framework is a management committee led by the Chairman, who is supported by a senior vice Chairman, four regional vice chairmen and a registrar.



It is an honor to welcome the newly elected PEC Governing Body for the 2024-27 term. I look forward to working with this esteemed team of professionals from academia and industry under the leadership of Chairman PEC Engr. Waseem Nazir, a distinguished engineer and entrepreneur.

Together, we will advance PEC's vision for the engineering profession, focusing on the priorities set by the current leadership. With a shared commitment to excellence, we aim to strengthen PEC's role as a leading institution, enhancing its international outreach and visibility.

PEC remains dedicated to its mandate under the PEC Act 1976—improving engineering education, accreditation, and professional development while supporting the industry. The Council has achieved notable milestones, including membership in global forums and active involvement in standardizing education and practice. A new initiative, ENGICON, will serve as a platform to enhance communication and engagement with our members and stakeholders.

I encourage all engineers to contribute to the sustainable development of our profession and the nation's progress. Together, we will drive excellence, innovation, and socio-economic growth in a knowledge-driven economy.

Driving Profession By PEC

Dedicated to regulating, promoting and serving the engineering profession

Statutory Status

Established in 1976 under the Pakistan Engineering Council Act, 1976 to Regulate Engineering Profession in totality.

Regulation & Accreditation

Ensuring engineering education and practices align with international standards.

Licensing

Issuing professional licenses to engineers, constructors, consultants and operators.

Advisory

Active contributor to national policy development for infrastructure and technology.

Dispute Resolution & Arbitration

Technical and professional disputes avoidance and resolution.

Capacity Building & Certifications

Certifications through imparting trainings, seminars, and workshops to enhance professional competence (knowledge and skillsets)

Standards and Policy Development

Engineering standards, codes and policy guidelines for engineering sector industry

HEIs

Engineering Programs

Registered Engineers

Professional Engineers

Professional Engineering Bodies (PEB)

Operators

Constructors

Consultants

DAWN OF A NEW ERA

Bold Vision and Decisive Actions Defines New Governing Body's Approach

On September 7, 2024, PEC embarked on a transformative journey as the Chairman assumed charge. His first directive—the launch of the **'Open Door Policy'**—set a tone of openness, transparency, and accessibility. Within a week, departmental **silos were broken** for the first time in PEC's history, fostering a more collaborative and united approach.



With the talented team we have in place, I'm excited to see us leverage each other's strengths and expertise to drive PEC forward and achieve our goals.

~Chairman PEC



The Chairman delivered his **inaugural speech**, outlining a **three-year vision** for PEC. The speech emphasized themes of **collaboration, capacity-building, and accountability**, setting a clear agenda for PEC's future direction.



I have every confidence that together, we possess the skills, creativity, and dedication required to successfully elevate PEC to new heights by transforming vision into a reality

~Chairman PEC



CELEBRATING COLLABORATION

Collaborate, Connect, Unite

Empowering a stronger PEC community

The welcome dinner brought together members of the new Governing Body (GB) to foster collaboration. The event emphasized the importance of teamwork and shared goals, while a comprehensive data analytics was presented to better understand the strengths of the team, paving the way for effective collaboration and a shared vision for PEC's future.

STRATEGIC MIND MAPPING

First-Ever GB Brainstorming Session

Fostering a collaborative mindset

The inaugural meeting of the GB featured PEC's first-ever brainstorming session. Members explored strategies to improve PEC's operational efficiency, streamline decision-making, and prioritize future actions.

“
Together
we can
build a
future
where we
can lead
engineers
forward to
thrive
making a
lasting
impact on
society!

~Chairman PEC ”



PEC ROLLS OUT RECO

PEC's **Vision and Mission** were prominently displayed across all PEC offices for the first time. This milestone was accompanied by the introduction of **PEC's Core Values**

<p>VISION </p> <p>To promote the importance of the engineering profession and the value we bring to society in our everyday lives.</p>	<p> MISSION</p> <p>To drive engineering excellence in Pakistan, fostering innovation, sustainability, and ethical practice for a prosperous and resilient nation through efficient & effective regulation.</p>			
<p>OUR VALUES</p>	<p>C</p> <p>COLLABORATION</p> <p>We work together, in harmony, with all stakeholders to further the aims of engineering profession.</p>	<p>A</p> <p>ACCOUNTABILITY</p> <p>We take full responsibility of the obligations and are accountable for actions, behaviors, performance, and decisions.</p>	<p>R</p> <p>RESPECT</p> <p>We respect diverse opinions and conduct our discussions with dignity and morality in a befitting manner.</p>	<p>E</p> <p>EXCELLENCE</p> <p>We endeavour to excel in every task we undertake for the development and progress of engineering profession.</p>

ENGINEERING FOR A BETTER PAKISTAN

PROGRESS - EXCELLENCE - COMMITMENT

TECHNOLOGY
CONNECTION
EFFICIENT
MEASUREMENT
AUTOMATION

GNITION & VISIBILITY

for the Profession



ENERGY
NUCLEAR
GEOINFORMATICS
MINING GEOLOGICAL
BIO-MEDICAL URBAN
ELECTRICAL AVIONICS
AGRICULTURAL
METALLURGY
POLYMER TEXTILE
TRANSPORT CIVIL
MECHATRONICS
ARCHITECTURAL
LECOM ELECTRONICS
CHEMICAL AERONAUTICAL
FOOD COMPUTER
ENVIRONMENTAL
MECHANICAL PETGAS
MOTIVE ENGG. SCIENCES
INDUSTRIAL
OCEAN

GOVERNANCE

STRENGTHENING SYSTEMS, STANDARDIZATION, AND ACCOUNTABILITY

VISION, MISSION, & CARE LAUNCH

On September 25, 2024, PEC unveiled its Vision, Mission, and Core Values of CARE (Collaboration, Accountability, Respect, and Excellence), which now serve as guiding principles for all PEC operations and communications.

OPEN DOOR POLICY & BREAKING SILOS

Upon assuming office on September 7, 2024, the Chairman emphasized to observe a "No Door Policy", encouraging open communication and collaboration with all stakeholders. By October 25, 2024, PEC introduced the Executive Group for better coordination and strategic decision-making by the senior management of the secretariate..

DATA MANAGEMENT STRATEGY

On December 3, 2024, PEC signed an MoU with Atomcamp to develop and implement PEC's Data Structure / Strategy. This move will strengthen PEC's data-driven decision-making, enhance its website, and upskill engineers skillsets.

INTERACTIVE WORKSHOP FOR SECRETARIES OF WORKBODIES

Conducted on December 2, 2024, this workshop focused on improving the operational as well as functional efficiency of PEC's workbodies

COMPLIANCE MANAGEMENT UNIT (CMU)

PEC established the Compliance Management Unit (CMU) to ensure adherence to the PEC Rules & Regulations, Act and Byelaws. The CMU identifies violations as well as address complaints of public/private sector stakeholders, ensures prompt follow-ups, issues public notices/alerts through media, and conducts awareness campaigns to prevent future violations.

ISO 9001:2015 CERTIFICATION INITIATIVE

PEC's journey toward ISO 9001:2015 Quality Management System (QMS) certification began on December 2, 2024, with completion targeted for September 2025. Led by the Chairman, the initiative aims to enhance transparency, accountability, and operational efficiency. The QMS will streamline processes, support continuous improvement, and align PEC with global best practices, fostering better service delivery and increased customer satisfaction.

PEC MEDIA CELL ACTIVATION

To strengthen PEC's strategy to outreach, a Media Cell was activated on November 1, 2024. This move enhances PEC's brand visibility, information sharing, and stakeholder engagement.

DAY CARE CENTER LAUNCHED

Offering convenient childcare for employees, promoting stress free work-life to support enhanced work delivery.

KEY POLICIES

Quality Management System (QMS) Policy: PEC 2025

1. Introduction

A Quality Management System (QMS) is designed to ensure that an organization consistently meets its customer requirements and complies with regulatory, legal, and stakeholder expectations. This policy outlines the framework, objectives, and scope of the QMS, providing a clear path for implementation and continuous improvement.

2. Scope

This QMS policy applies to all departments, units, and staff of PEC. It covers processes related to service delivery, project management, and customer interaction.

3. Policy Objectives

• Enhance customer satisfaction and loyalty.

• Improve operational efficiency and reduce waste.

• Ensure compliance with regulatory, legal, and stakeholder requirements.

• Promote continuous improvement and innovation.

4. Key Principles

- Customer-Centric Approach: Prioritize the needs of our customers and external stakeholders.
- Process-Driven: Focus on well-defined processes to achieve consistent results.
- Leadership Commitment: Senior management shall provide the resources and support needed to implement the QMS.
- Risk-Based Thinking: Identify and manage risks that could affect the achievement of the QMS objectives.
- Integration: Integrate the QMS with other management systems.
- Communication: Foster open communication and collaboration across all levels of the organization.
- Competence: Ensure that personnel are competent to perform their tasks.
- Performance Evaluation: Regularly assess the effectiveness of the QMS and make necessary adjustments.

Corporate Social Responsibility (CSR) Policy: 2025

1. Introduction

At PEC, we recognize our responsibility to operate in ways that positively impact the environment, the community, and society as a whole. Our Corporate Social Responsibility (CSR) Policy outlines the principles and practices that guide our efforts to contribute to sustainable development, ethical behavior, and social well-being. Through this policy, we commit to making a meaningful difference by integrating social, environmental, and ethical considerations into our daily operations, decision-making processes, and institutional strategies.

2. Purpose

The purpose of this policy is to:

- Foster ethical behavior and integrity.
- Promote environmental sustainability.
- Support the well-being of our employees and the community.
- Enhance our reputation and stakeholder trust.

Health and Safety Policy: PEC: 2025

1. Introduction

At PEC, we are committed to providing a safe and healthy environment for all students, staff, visitors, and stakeholders. This policy outlines the institution's commitment to promoting health and safety in all activities, minimizing risks, and ensuring compliance with relevant legislation. Health and safety are integral parts of the institution's operations, aimed at preventing accidents and injuries.

2. Scope

This policy applies to:

- All employees and staff of PEC.
- All visitors and stakeholders associated with PEC.

Ethics Policy: 2025

1. Introduction

The Pakistan Engineering Council (PEC) is committed to maintaining the highest standards of professional conduct and ethics among its registered engineers, contractors, consultants, and related stakeholders. This Ethics Policy outlines the principles, the Ethics Policy, and the procedures that govern the behavior, and performance, and accountability within the engineering community in Pakistan.

5. Integrity and

and all aspects of interest and

to all parties

personal professional

responsibility

for

integrity

promote

public safety and

health, and social

development and

WORKBODIES WITH PURPOSE, DRIVING EFFICIENCY AND EXCELLENCE

Building commitment towards excellence, the concept of Workbodies philosophy was established through a consultative process based on relevancy and professional preference of GB members to ascertain **“the right man for the right job”** for better contribution and outcomes.

■ ENGINEERING ACCREDITATION BOARD (EAB)

Focused on planning, managing, implementing, and monitoring the accreditation process with support from Accreditation Planning and Management Committee (APMC), Accreditation Moderation Review Committee (AMRC), and Qualification Equivalence Committee (QEC) towards improved professional decision making.

■ ACT & BYELAWS COMMITTEE (A&BC)

To ensure that the regulatory framework governing the Council and its stakeholders remain robust, updated, and aligned with international standards through necessary amendments approved by the GB.

■ WORKING GROUP ON INDUSTRY ACADEMIA LINKAGES DEVELOPMENT (WG-IALD)

To enhance industry-academia collaboration, promote innovation, develop skills, and align education with industry needs, driving engineering growth and socio-economic development.

■ WORKING GROUP ON PEC INSTITUTIONAL REFORMS (WG-PECIR)

Aims to reform PEC's governance, improvisation in policies and regulations, bringing transparency, efficiency, effectivity and digital transformation in services and operation - stepping towards building a smart organization.

■ WORKING GROUP ON YOUNG ENGINEER AFFAIRS (WG-YEA)

Focuses on enhancing skills, innovation, research, networking & collaboration and partnerships to support young engineers' professional growth and leadership development.

■ WORKING GROUP ON PUBLIC SECTOR INSTITUTIONS ISSUES (WG-PSII)

To tackle key issues affecting the engineering community and public sector efficiency, providing recommendations and insights for PEC Think Tank by reviewing government policy consideration.

■ ENGINEERS PROFESSIONAL DEVELOPMENT COMMITTEE (EPDC)

To develop engineers' skills and competence through structured training, lifelong learning, and exposure to international best practices and standards, - fostering their career & professional growth.

■ WORKING GROUP ON CONSTRUCTION INDUSTRY DEVELOPMENT (WG-CID)

To create a framework for sustainable growth in Pakistan's construction industry by addressing policies, challenges, skills, market expansion, and private sector collaboration, aligned with international best practices to facilitate cross boarder outreach.

■ WORKING GROUP ON TECHNICAL CODES & STANDARDS (WG-TC&S)

To develop and align technical codes and standards with international best practices, improving the quality, safety, sustainability, resilience and competitiveness of engineering practices.

■ WORKING GROUP ON PEC ASSETS DEVELOPMENT & MANAGEMENT (WG-PECADM)

To oversee and guide the sustainable management and development of PEC assets, ensuring financial stability and operational efficiency for the optimum use of resources.

■ IPEA MONITORING COMMITTEE (IPEA-MC)

To ensure PEC's compliance, manages IPEng (Pak) framework, and supports global mobility of engineers for international job market.

■ PEC COORDINATION COMMITTEE

Advisory body for Chairman PEC to improve coordination among stakeholders, advocate and promote policies and initiatives for implementation with the support of government for wider visibility and benefits to the society



PEC PATHWAY TO PRACTICE

PEC DESKS IN HIGHER EDUCATION INSTITUTIONS (HEIS)

TRANSITION FROM EDUCATION TO PROFESSION

This initiative aims to provide a structured and seamless transition for engineering graduates from education into professional practice.

EMPOWERING ENGINEERS

From Entry to Professional Growth

Located within partnering HEIs, PEC Desks are intended to be a touchstone for professional development, underscoring PEC's commitment to "Leading Engineering Forward" and "Proud to be Engineer." With a focus on Collaboration, Accountability, Respect, and Excellence (CARE), these desks will foster the values essential for a rewarding and ethical engineering career.

PEC DESKS IN HEIS ACROSS COUNTRY

PEC established its first-ever PEC Desk at UET Lahore on November 25, 2024. The initiative, inaugurated by the Chairman, provides students with direct access to PEC services. More desks are being set up in HEIs across Peshawar, Sindh, and Southern Punjab, and Quetta Regions ensuring a stronger connection between academia and PEC.

HEIs PARTNERSHIPS WITH THE ENGINEERING PROFESSION

The PEC Pathway to Practice not only enhances professional readiness for graduates but also strengthens HEIs by reinforcing their role in fostering competent and ethically responsible engineers.

Partnering universities will benefit from a stronger reputation for producing PEC-compliant graduates and will gain valuable support in ensuring alignment with PEC's accreditation standards and quality policies.

This initiative will enable faster response time, regular updates, and increased support for HEI, creating a cohesive, efficient network of engineering education and professional readiness.



FROM PILOT TO NATION WIDE HEIs LINE UP TO REPLICATE SUCCESS

- BUITEMS, QUETTA
- CECOS, PESHAWAR
- UET, PESHAWAR
- MUET, JAMSHORO
- NED, KARACHI
- NUST - MCE, RISALPUR

PEC INITIATES ENGINEER TITLE AWARD CEREMONY UPON GRADUATION

We are excited to announce the launch of the Instant Registration and Recognition initiative by the PEC, designed to honor the title of Engineers and expedite the official recognition of their registration to practice engineering profession.

KEY ASPECTS OF THE INITIATIVE:

- Instant Registration & Recognition soon after the graduation
- Code of Ethics: Ready to Practice and contribute for the profession and Society under professional ethics
- Career Path and professional development: a roadmap for engineering progression
- Engineering Practice emphasizing through its Core Values

This initiative aims to streamline the path to becoming a recognized professional and contribute to the growth of the engineering sector in Pakistan.



PAKISTAN ENGINEERING COUNCIL

WELCOME TO

ENGINEERING PROFESSIONAL PRACTICE



**FOUNDATION
LAID FOR
ENHANCING
EDUCATION QUALITY
VIA CONSULTATIVE
APPROACH WITH HEIs**

BRIDGING GAPS CLUSTERING HEIs AND INDUSTRY FOR CHANGE

From October 23 to 31, 2024, PEC hosted by CECOS to facilitate a clustered approach in Khyber Pakhtunkhwa (KP), bringing together the public and private HEIs, stakeholders and industry of the region. This collaborative effort provided a platform for academia and industry to identify shared challenges and work toward actionable solutions.

SCALING UP SUCCESS PEC'S INITIATIVE GAINS MOMENTUM

- CECOS, PESHAWAR
- BUIITEMS, QUETTA
- MUET JAMSHORO
- NFC, MULTAN
- UoL, LAHORE
- MUST, MIRPUR



YOUTH ENGAGEMENT & LEADERSHIP FOR THE FUTURE



YOUTH-CENTRIC INITIATIVES



PAKISTAN-CHINA YOUNG ENGINEERS EXCHANGE PROGRAM

Under an MoU between PEC and CAST (China Association for Science and Technology), PEC sent first batch of 9 young engineers for training to China from December 20 to 27, 2024. The program, supported by the Chinese National Committee on Large Dams, fosters capacity building, professional learning, and cross-border collaboration. This program will continue to provide such opportunities to young engineers to enhance their knowledge and skills.



INTRODUCING WELL-STRUCTURED INTERNSHIP PROGRAM:

PEC is upgrading its internship program to provide young engineers with better focused opportunities for professional growth and employability in future.

FORMATION OF YOUNG ENGINEERS AFFAIRS WORKING GROUP:

This platform is tasked to empowering the next generation of engineering leaders through focused engagement, guidance, and mentorship.

GENERATIVE AI TRAINING PROGRAM LAUNCHED

PEC, in collaboration with Silicon Valley USA, launched a Generative AI Training Program on December 1, 2024. This program aims to train 45,000 engineers, students, and entrepreneurs in the next three years. The first cohort of 5,000 participants was met with overwhelming demand, with 9,500 applications in just 48 hours. This initiative will position Pakistan's engineers as global contributors in AI-driven innovation and development.



YOUNG ENGINEERS NATIONAL FORUM (YENF) STEP FORWARD

The Young Engineers National Forum (YENF) proposal was presented during the 1st Working Group Meeting on December 5, 2024, with further discussions held at the Management Committee meeting on December 10, 2024. This platform aims to empower young engineers, strengthen their professional representation and contribution for the redressal of engineering related , at a national level, particularly the challenges faced by young engineers .

YENF is aimed to be a dynamic platform under the aegis of the PEC with the purpose to empower and engage young engineers from diverse disciplines, provinces, and sectors to foster professional growth, networking, and collaboration at national/ international levels/ forums..

By uniting various existing groups of young engineers, YENF aims to facilitate knowledge exchange, promote skill enhancement, and support career development.

The YENF will also serve as a beacon of opportunity, connectivity, and innovation for the engineering youth and will play a pivotal role in enhancing professionalism, regional integration, and technical excellence in emerging areas of advancements in the engineering profession.



PIONEERING SOLUTIONS FOR CONSTRUCTION INDUSTRY CHALLENGES



Islamabad, December 14, 2024 – In a landmark initiative, PEC hosted a Construction Projects Stakeholders Consultative Workshop, led by Chairman Engr. Waseem Nazir, at the IFQ Hotel, Islamabad. The event brought together all the three Cs stakeholders (Constructors, Consultants and Clients representatives) along with industry experts to discuss key challenges and chart a path for the sustainable growth of Pakistan's construction industry.

As a national regulator, PEC plays a critical role in advancing the engineering profession and supporting economic development. Engr. Nazir emphasized the need to address capacity gaps, improve employability, and streamline regulatory frameworks to unlock the sector's potential. He stressed a collaborative approach to policy reform and the alignment of stakeholders' efforts with both national and the UN SDGs goals.

The workshop featured expert presentations and group discussions, focusing on:

- Enhancing Pakistani constructors' participation in regional projects.
- Addressing capacity-building and employability issues.
- Reforming the regulatory framework for registration and renewal services.

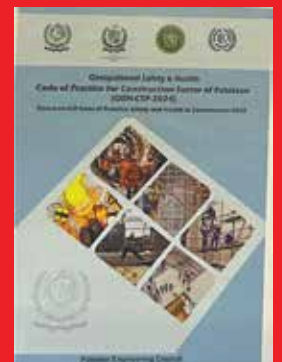
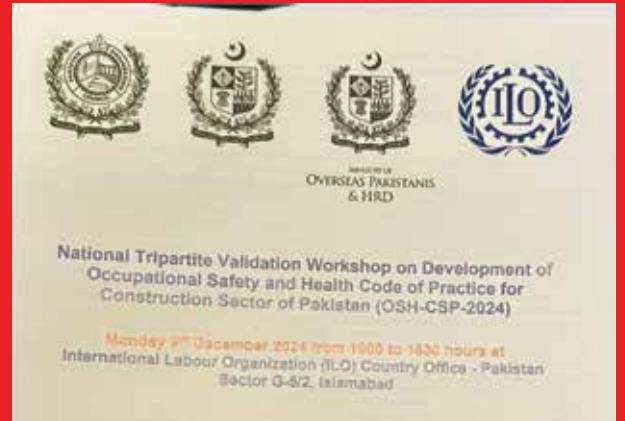
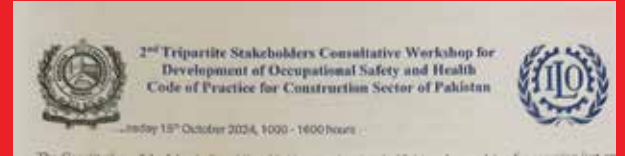
In his closing remarks, Engr. Nazir outlined a forward-thinking roadmap for reform, highlighting PEC's commitment to developing a modern regulatory framework and fostering an environment where all stakeholders can succeed. The outcomes of the workshop will guide PEC's targeted reforms over the next six months, with clear timelines and responsibilities, facilitating constructors and consulting firms to grow as quality entities and able to show their foot prints in the region to provide service competently as foreign Pakistani firms in their society.

Engr. Nazir's leadership continues to reinforce PEC's role as a transformative force in Pakistan's engineering and construction sectors.



NATIONAL TRIPARTITE WORKSHOP ON OSH-CSP-2024

In collaboration with the International Labour Organization (ILO), PEC hosted the National Tripartite Workshop on the Occupational Safety and Health Code for the Construction Sector (OSH-CSP-2024) on December 9, 2024. The first-of-its-kind OSH Code will promote workplace safety, reduce accidents, and protect workers' rights in Pakistan's construction sector.



REGIONAL OUTREACH

PEC is making substantial strides in advancing engineering education and the profession across various regions. By engaging with key stakeholders, PEC's Governing Body is gathering essential insights and feedback to drive progressive reforms. These steps highlights PEC's dedication to empowering the engineering community and addressing regional challenges. Key highlights are outlined below.



■ Lahore Office Visit and Rebranding

■ Panel Discussion by Vice Chairman PEC (Punjab)



■ IUB, Bahawalpur Visit

■ NFC, Multan Visit

■ MEPCO, Multan Visit



■ Meeting with Additional Chief Secretary Govt. Of KP (Engr. Waqar)

■ Regional Office Visit (Old and New)

■ Welcome Dinner hosted by Engr. Zahid Arif

■ CECOS University, Peshawar Visit

■ UET Peshawar Visit

■ MCE, Risalpur Visit



SINDH EVENTS



- Visit to Regional Office Karachi & rebranding
- Meeting with GB members & Senior Engineers/ former Chairman PEC
- Visit to MUET, Jamshoro
- International Conference on Sustainable Initiatives attended at MUET, Jamshoro

PIONEERING PROGRESS - Chairman initiates Action Plan 2025 discussions to set the tone for collaboration and growth.

- Young Engineers meet and greet
- Brainstorming Session of HEIs from Balochistan Province at BUIITEMS, Quetta
- Consultative workshop on issues and challenges of HEIs
- PEC Desk Inauguration at BUIITEMS, Quetta
- Meeting with Chief Secretary Government of Balochistan
- Meeting with XII Corps High Officials at Corps HQ, Quetta
- Chairman hosts Stakeholders Dinner at Serena Hotel, Quetta
- NUST Balochistan Campus, Quetta visit
- Meeting with CEO QESCO, Quetta
- Meeting with Delegation of CAP, Balochistan

BALUCHISTAN HAPPENINGS



PEC

MAKING HEADLINES

Editor in Chief: Dr. Waheed Mahmood Khan

DAILY FINANCIAL TIMES

Islamabad Vol. 13 Issue 131 Page 6 Price: 20 Saturday, November 21, 2024 The News Paper of ANI Media Group

Waseem Nazir has stressed the need for practicing core values in engineering sector to ensure Pakistani construction companies compete in the int'l market



BY: CZECHANGZ KHAN JADOON/ ANI- ISLAMABAD: Pakistan Engineering Council Chairman Waseem Nazir has stressed the need for practicing core values in engineering sector to ensure Pakistani construction companies compete in the international market. He was addressing participants of Construction Projects Stakeholders Consultative Workshop at Islamabad. The workshop set forth to identify issues and challenges being faced by stakeholders in construction projects reviewed registration framework to find viable solutions with specific timeline & responsibilities.

Participants of the workshop discussed at length key issues in construction industry and shared recommendations for reforms in regulatory framework. Various proposals to improve employability issues in construction projects were also discussed. The participants lauded Pakistan Engineering Council to take initiative in providing a forum for debate on issues confronting construction sector in Pakistan. Engrs Syed Arifq Hussain Shah, Engr Arshad Dad, Engr Shahid Razi, Engr Imran Chishti, Dr Tahir Masud, Engr Abdul Qadir and Engr Farhat Adil were also among the stakeholders who attended the workshop.




باقی اصلاحات کے لیے ورکنگ گروپ تشکیل دے دیا

Chairman PEC Engineer Waseem Nazir visited IUB and met Vice Chancellor Prof. Dr. Muhammad Kamran

11 Nov 12, 2024

PRO No. 419/24 dated 12.11.24

Directorate of Public Relations

The Islamia University of Bahawalpur

Prof. Dr. Muhammad Kamran, Vice Chancellor IUBS University of Engineering and Technology Multan and the Islamia University of Bahawalpur, has said that the steps taken by the Pakistan Engineering Council for the professional development of engineers are significant as the professional development of engineers is important for this sector as well as for the economic stability of the country. The Vice Chancellor expressed these views during a meeting with the Chairman Pakistan Engineering Council Engr. Waseem Nazir in his office. Dean Faculty of Engineering and Technology Engr. Prof. Dr. Muhammad Anjad was also present on the occasion. Mutual cooperation and collaboration between the two Universities and the Pakistan Engineering Council were discussed in the meeting. Later, Engineer Waseem Nazir, along with the Vice Chancellor, met with the teachers of the Faculty of Engineering and Technology, Islamia University of Bahawalpur. On this occasion, he was apprised about the ongoing teaching and research activities in the Faculty of Engineering.



Prof. Dr. Muhammad Kamran, Vice Chancellor, the Islamia University of Bahawalpur along with Chairman Pakistan Engineering Council Engineer Wasim Nazir and faculty members



معروف ینگ انجینئرز رہنما، انجینئر عارف روان اور انجینئر نعمان جدون نے چیئرمین پاکستان انجینئرنگ کونسل، انجینئر وسیم نذیر سے ملاقات کی۔

رہنماؤں نے کم عرصے میں انجینئرنگ کمیونٹی کو اپ لفٹ کرنے کے لیے چیئرمین وسیم نذیر کی خدمات کو سراہا اور ان کی وژنری قیادت پر مکمل اعتماد کا اظہار کیا۔

ملاقات میں ینگ انجینئرز کی پاکستان انجینئرنگ کونسل کی گورننگ باڈی میں نمائندگی، ٹیکنیکل اسکلز ڈویلپمنٹ، ٹیکنیکل ایڈوانس، سروس اسٹریکچر، اور انجینئرنگ پوسٹوں پر نان انجینئرز کی تعیناتی جیسے مسائل پر تفصیلی تبادلہ خیال ہوا۔

چیئرمین وسیم نذیر نے ینگ انجینئرز رہنماؤں کی خدمات کو سراہا، اور پاکستان انجینئرنگ کونسل کے حالیہ اقدامات پر روشنی ڈالنے والے نوجوان انجینئرز کے لیے مزید مواقع پیدا کرنے کے عزم کا اظہار کیا۔

Community Chatterbox



Engr.
Khansa Rasool
Graduate (LCWU)

“ It’s an amazing feeling to graduate and be officially entitled as an ‘Engineer’ on the same day! PEC has made the process seamless, removing unnecessary delays. This initiative of Pathway to practice truly values our journey and makes us feel proud! ”



Engr.
Aqib Ali Haidri
Participant Pak-China YEEP

“ I felt privileged and honored to become a part of the Pak-China Young Engineers Exchange Program. The tour equipped me with exposure to the latest technology and research in the field of hydropower, energy systems, and hydraulics. It was a technological and cultural exchange program in a nutshell. I’m thankful to PEC for ensuring the meritocracy. ”

“

We are grateful to Chairman PEC for his inspiring visit to Balochistan. His visit not only rectified long awaited engineering issues but also provide us the hope and roadmap for engineering excellence at grass root level for Balochistan. ”



Engr.
Muhammad Ateeq
Quetta

“

For years, we emphasized and enforced standards for the industry while lacking them within PEC itself. Implementing ISO, Health & Safety, CSR, and ethical standards within PEC first, truly depicts the wisdom of PEC leadership. True reform starts from within, and this sets a powerful example for the entire engineering community! ”



Engr.
M. Bilal Chaudhry
PEC Official



Engr.
Aliyan Syed
Participant Pak-China YEEP

“ Being a participant of the Pak- China Young Engineers Exchange Program, I gained invaluable insights into China’s cutting-edge technology and innovative practices in Dam Engineering. This experience has inspired me to pursue my goals and to regain my confidence in transparency in these programs ”

“

I never imagined having direct access to the Chairman PEC without multiple layers of approvals. His no-door policy has transformed PEC into a more open, approachable, and solution-driven institution! ”

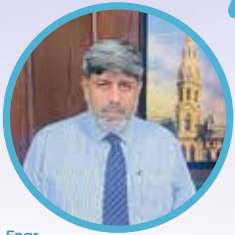


Engr.
Usman Zafar
Bahawalpur



Engr.
Zeeshan Sajid
Australia

“ I feel that PEC has redefined its face with visionary leadership. The new vibe of the offices and the introduction of the Engineers’ Lounge have created a professional and welcoming space that truly represents the engineering community. This is not just an infrastructure upgrade—it’s a statement that engineers deserve the best! ”



Engr.
Dr. Waseem Ashraf
HOD Electronics GCU

“ I have attended numerous training sessions and workshops at both national and international levels, but I found PEC Generative Ai Training to be highly impactful, practical, and an excellent initiative for enhancing engineers’ knowledge of cutting-edge technologies. The vision and dedication of Engr. Waseem Nazir, Chairman PEC, and his team are playing a crucial role in equipping engineers with the skills needed for future technological advancements and innovations. I congratulate the entire team for organizing such a successful and insightful training. ”



“ According to me its a good initiative of having consultant, contractor and Client at the same table and I think this industry has a lot of potential and I think it is a daring step by Chairman PEC and if its get done I think it will be a great milestone by PEC. ”



Engr.
Ashfaq Hussain Shah
Ex-Chairman CAP



Engr.
Arshad Dad
Advisor CAP



“ Its a great initiative that PEC has brought three C's together on one platform. We are thrilled by this initiative because we have high hopes from this because we are not demanding but presenting ourselves for the betterment of the industry. ”



“ I am thankful to the PEC for organizing first ever 3C's consultative workshop. This initiative is a breakthrough for the whole industry and its outcomes are very encouraging. I believe this was much needed and I really appreciate that it was not only symbolic but an outcome-based workshop conducted by PEC – A huge step towards solution oriented approach ”



Engr.
Kaleem Sandhu
Director iConsult



Engr.
Imran Qureshi
Advisor CPD (PEC)



“ I would like to extend my heartfelt appreciation to the Chairman PEC for his exemplary leadership in driving transformative structural changes and launching of 30+ CPD crash courses to resolve the long awaited renewal issues. ”



“ I feel privileged to have been selected for PEC's PEV training. The transparent selection process and empowering training have reinforced my commitment to upholding high standards in engineering verification and advancing women in this role. ”



Engr.
Dr. Sanam Narejo
Associate Professor MUET



Engr.
Usman Farooq
MD Accurate Pvt Ltd



“ We have gathered together at UET for the launch of 'Pathway to Practice'—a game-changing initiative by PEC, driven by collective effort for leading engineers forward. ”



“ The announcement of the revamping of PEC's CPD program is great news for young engineers, to make them compatible on an international level. ”



Engr.
Jannat Khurram
Young Graduate (PU)







FUTURE FOCUS 2025

ENGINEERING

FOR A

BETTER

AGENDA TO FOLLOW

Faculty Training on Pedagogical Skills:

Improve Teaching Learning and Assessment (TLA) approaches to ensure better learning outcomes.

Integrated Certification Program with TLA:

Equip students with program specific skills through international certification during their academic journey.

Program Ranking:

Ranking of engineering programs to promote culture of competition and collaboration for quality enhancement.

Centralized Entry Test:

Centralizing the entry test to standardize and ensure consistency & fairness in engineering for quality intake.

Final Year Design Projects (FYDPs):

Involve external supervision, particularly from the industry and overseas, for diverse perspectives.

Excellence Lab & Research Centers:

Establish cluster-based labs and research centers in regions to promote resource sharing for innovation and excellence.

International Visibility of Local Firms:

Enabling policies and restructuring to enhance Consultants and Constructors presence in overseas market.

Brain Gain Portal:

Establish a platform to attract and engage top talent from the diaspora.

Certification for Project Directors:

New Certification Programme for Project Directors of Infrastructure Projects to improve Project delivery.

Professional Development National Academy:

Research and Policy, Structured programs, mentorship and continuous learning to enhance engineering competence and leadership.

Service Structure for Engineers:

Pursue legislation for engineers career path.

Reforms in Engineering Practice Exam (EPE):

Raising standards to global norms for award of PE title.

New approach in Infrastructure Development:

Foster growth and progress through strategic framework agreements and performance-driven models.

PEC Liaison Desks:

Ensure seamless integration of PEC policies & regulations by establishing a dedicated PEC desk at the Federal Organizations/ Ministries in their planning and execution stages; such as, Economic Affairs Division, Planning commission, MoFA, CDA and HEC etc.

Efficient and Effective use of PEC's Buildings:

Cost-saving measures and maximizing resources for long-term self-sustained model.

PEC to establish dual tributes:

Heritage Wall for outstanding engineering project and professional contributions by engineers at **Floor of Fame** to acknowledge the remarkable achievements of Engineers behind landmark national / regional accomplishments.

TOP PRIORITIES

Ease of doing Business:

Streamline the registration and renewal process for stakeholders as an initial step.

Enforcement of PEC Standard Bidding Documents (SBDs):

Ensure the adoption and implementation.

Review of Specialization Codes:

Review and establishing specialized licensing codes for constructors and consultants.

Technical Allowance:

Address and resolve issues related to public sector institutions.

Database Management:

Developing data management strategy, implementation for quality reporting towards policy development.

Reforms in CPD framework:

To align with best international practices and standards.

YENF Development:

Foster the growth and promotion through the Young Engineers National Forum (YENF).

Well structured Internship Training Program:

Formulation of robust early career training and internship program.

ISO certification of PEC:

To streamline and standardization of the quality management of documentation, processes, procedures and systems.

Generative AI Training Programme:

Generative AI Training Programme targeting 3 cohorts per year, consisting of 5000 participants in each.

PAKISTAN ENGINEERING COUNCIL



CONTACT US FOR MORE INFORMATION

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