



Pakistan Engineering Council

Regulating the Engineering Profession

Press release:

1st Ever Mega Event at KHUZDAR by PEC (BALOCHISTAN REGION) 6th ENGINEERING CAPSTONE EXPO- PAKISTAN -2024

(Project of PEC Pakistan Development Committee)

Pakistan Engineering Council (PEC) is dedicated to promote growth of Engineering Education for which **PEC Pakistan Development Committee** convenor **Engr Mir Masood Rashid** inviting at the **6th Engineering CAPSTONE EXPO BALOCHISTAN** (FYDP- Final Year Design Projects Exhibition) and **2nd in Balochistan** region, **ENGR Muhammad Najeeb Haroon Chairman PEC (Ex MNA)** will be the chief guest.

1st ever Mega event at Khuzdar, this CAPSTONE will be held on **Saturday 2nd MARCH'2024** from **9 am to 3 pm**, at "**Balochistan University of Engineering and Technology**" Khuzdar. In this Expo **4 Universities** are participating with **79 shortlisted projects** for showcasing out of which **9 projects funded by PEC**.

In this CAPSTONE Engineering Universities will showcase their Engineering students' projects that pertains to market/industry, where **industries** being invited to participate and select projects as per their business need. **CAPSTONE is the PEC initiative 1st time in Pakistan by PEC Pakistan Development Committee.**

Project selection criteria: All projects commercially viable and sustainable: 1) Leading Entrepreneur; 2) Industry/business relevant; 3) Social/Civic impact; and 4) Innovation.

This opportunity being granted by PEC which is free and being organized to help our Engineers gain more market exposure as well as be able to network with world-class manufacturers of different varieties of engineering products.

Engineering students will know the need of the industry and how markets are working and seeking Engineering solutions to industrial problems. FYDP's will be given media projection at industrial and governmental platform as per present needs of the country (preferably solutions to Industrial and societal problem), and for facilitating talent & growth opportunities of Young Engineers. **Market compatible projects being sponsored by PEC.**

Pakistan Engineering Council (PEC) is a national apex regulatory body constituted through an enactment of the Parliament (PEC Act 1976) to regulate the engineering profession. The Council as per its Act has also special mandate to act as a "Think Tank to the Federal Government" to aid in all matters pertaining to engineering profession and policies required for the socio-economic development of the country.

Participating Universities:

Balochistan University of Engineering and Technology, Khuzdar; BUISTEM, Quetta; NUST Balochistan Campus (NBC), Quetta; Lasbela University of Agriculture, Water & Marine Sciences (LUAWMS), Uthal.

Organizing Committee: Engr Dr Maqsood Ahmed (convener); Engr. Dr. Syed Mushtaq Shah; Engr Abdullah Shahwani; Engr Dr Sohrab Khan; Engr Dr Shabbar Naqvi; Engr Dr Kamran Sami; Engr Dr Talha Mir; Engr Dr M Tahir Lakhari; Engr Hamza Subhani; Engr Syed Muhammed Jehanzeb and Engr Umer Farooq.

PEC Funded projects (9- BUISTEMS QUETTA): Balanced Power Amplifier for 5G Medical Applications in GaN Technology; IMAGE FEATURE EXTRACTION IN A VISUALLY ASSISTED SMART TRIAL FOR HIP/KNEE JOINT ARTHROPLASTY; PORTABLE LAB SOLUTION FOR FLUID QUALITY ASSESSMENT; BUISTEMS SELF-DRIVING



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SHUTTLE ON CAMPUS; Behavioral cloning of perception and action for a physical mobile robot; Smart Attendance Management System(Computer Vision); SMART MAINTANCE SYSTEM OF FISH TANK USING AUDRIUNO; SMART HELMET and Atmospheric Water Generator for Public Water Dispenser.

ISSUED BY:

ENGR MUHAMMAD JEHANZEB

Assistant Registrar PEC (R/O Quetta)