



Pakistan Engineering Council

(Regional Office Lahore)

PEC/HEIs/ECE-LHR/ 2022

July 21, 2022

All Vice Chancellors/Rectors/ Heads,

All HEIs/Engineering and Technology Universities, Punjab

Subject: **ENGINEERING CAPSTONE EXPO (2022), PUNJAB**

Dear Sir, Pakistan Engineering Council (PEC) since its inception has taken various initiatives and achieved international recognitions/milestones for quality standards in engineering education, accreditation and professional practice by prestigious regional and global professional forums.

The final year design project (FYDP) is a compulsory requirement during the undergraduate degree program which aims to demonstrate innovative, creative, technical, management and communication skills along with the knowledge earned during the program. Nevertheless, there is need to promote innovative/inter-disciplinary FYDPs by solving complex problems of society/industry.

PEC has therefore launched PEC Award of Final year Design Projects (FYDP) through **Engineering CAPSTONE EXPO 2022** (Final Year Engineering Design Projects Exhibition) to be held on **August 25, 2022 at Lahore** to boost up the quality education and competency among engineering graduates through competition of their respective FYDP/Capstone projects in the final year. PEC, therefore, would lead by providing a platform towards academia-industry linkages to take up real life problems solving approach from target audience/organization/industry, to be addressed and the HEIs can take those further for promoting innovation and entrepreneurship towards product development. This opportunity will not only help the HEIs to gain local market exposure but will also provide a platform to make network with diversified world-class manufacturers of engineering products.

The mechanism/procedure and discipline grouping to grant the award are as below;

1. PEC to seek innovative/ inter-disciplinary design project proposals from HEIs in advance preferably during 6th semester through widely circulation.
2. Preference should be given to problems from target audience/ organizations/ industry in-line with market needs/ identified themes/ prioritized areas.
3. Selection of FYDPs through peer-evaluation process.
4. PEC to fund the selected project (group of students) covering all 30 engineering disciplines under 08 combined group (Annex- A);
5. Organizing Open-house exhibitions to showcase FYDPs jointly with industry – also help as Job Fair Platform.
6. Innovative ideas/ FYDPs transferring through incubation towards product development.

In this regard, all HEIs are requested for active participation by submission of potential FYDPs (preferably solution for industrial and societal problems) on enclosed prescribed format (Annex-B) till **05th August 2022** in hard and soft copy at lahore@pec.org.pk for further review process and award of selected projects.

Best Regards,

(Engr. Wasif Irshad Bhatti)
Deputy Registrar/
Secretary Organizing Committee