



The Pakistan Academy of Engineering

29th Symposium:

“Quality of Engineering Education in Pakistan”

scheduled on Saturday, September 30, 2023

Address of the President

Dr. -Ing. Jameel Ahmad Khan

Respected Speakers,
My dear fellow Engineers,
Honourable Guests,
Ladies and Gentlemen!

SALAMUN ALA MANIT-TABAUL-HUDA

The cost of higher education has increased over time. The content of knowledge provided under the undergraduate programmes offered by the engineering universities has at least doubled over the last fifty years. The portrait of tertiary education in engineering in Pakistan is not competitive internationally. The stark fact that we have not been able to attract foreign students for engineering education in Pakistan reflects poorly both in terms of quality and content. Concern for the quality undergraduate engineering education in Pakistan is genuine and needs serious attention to readdress the current situation. Employability of graduates is certainly a major criterion for the quality in engineering education. Conceptually, quality in undergraduate engineering education could be defined in the following manner: The students should be prepared adequately in the selected discipline with a broad, basic knowledge

base. They should be instilled with the spiral of engineering, problem solving and application sides, and an appreciation of the arts and aesthetics of the nontechnical world.

An elaborate implementation plan by the faculty needs to be installed. Despite the self-governing capacity of the engineering universities a third party assessment may be necessary on a regular basis. Our learned speakers will be presenting their assessment of the quality of engineering education at home. We hope our audience will be in a better position to make judgements. We trust you will find the Survey of Recent Graduates quite revealing.

Thank you, Ladies & Gentlemen.