



THE PAKISTAN ACADEMY OF ENGINEERING

Free Training Workshop on **“Soft Skills for Engineers”**

18th June, 2022, FAST - National University of Computer & Emerging Sciences, Shahrah-e- Faisal, Karachi.

Introduction and Background:

In the first and second waves of industrial revolutions, engineers were at the driving seats in most of the commercial organizations but with the rise in knowledge economy, complexity of business grew to the extent that it was not possible to manage an organization with engineering skills only. Engineers, therefore, lost their competitive edge to other professionals who were generalist but having soft skills to manage the greatest challenge of organizational communication and strategic vision. Most of the engineers globally and particularly in countries continuing with legacy of colonial imperialism end up their careers as technical experts or middle level managers. To regain the lost glory, engineers need to do some soul searching to find out impediments in their way preventing them to reach to the top positions.

In all good organization, promotion to the topmost position is mostly merit based as organizations cannot meet competitive pressures without able leadership. The board of Directors are always in search of talent who could take the organization to the next level of excellence. This demand requires certain skills which are not developed among professionals working in engineering fields because of their nature of work and corresponding exposure. These days to be successful at the level of middle and higher management, soft skills are critically important and like any other skills, these skills can be learnt, practiced and excelled. Learning these skills first need an awareness of lack of it and then doing conscious efforts to go through rigorous trainings, education, and professional exposure to master them. Acquiring these skills is the responsibility of engineers themselves as for career management leaning on human resource may result in disappointment.

The Pakistan Academy of Engineering since inception is devoted to promoting engineering culture in Pakistan by creating right linkages and imparting engineering knowledge. The emphasis is also on overall grooming of engineers to meet the challenges of 21st century by leading the organizations from fore front. Pakistan cannot grow without active participation of engineers in decision making process, but no one will serve them this prestige on a platter rather engineers have to earn it. This workshop is thus focused on the essential soft skills required for honing engineers to prepare them for complex leadership positions.

About Training:

Program Objectives

It seems that Pakistan is being run like a ship without rudder even though most of the Pakistanis living inside and outside Pakistan sincerely think and put efforts as well to see Pakistan growing. To stay on the same page and in the same direction in this path of development, we need to develop our engineers at 360-degree so that they may be able to take up the challenges of leadership positions in a successful way in the future ahead. This program will, therefore, be focused on soft skill areas for engineers necessary for taking them and their organizations to the next level of excellence. An interactive discussion will add more value to the knowledge gained in the workshop.

Panel of Trainers

Mr. Syed Iqbal Hashmi

Mr. Iqbal Hashmi is a seasoned professional possessing more than 30 years of industry experience mainly on top positions in local as well as multinational companies. He is also involved in teaching as visiting faculty in various universities. His first degree was in engineering and later he did MBA as well. He has done professional courses from abroad on retail management, industrial marketing, international management, business strategy and leadership.

The Pakistan Academy of Engineering

Pakistan Academy of Engineering

The Pakistan Academy of Engineering – PAE was registered on December 20, 2013 at Karachi. PAE was established with the purpose to provide national forum for the discussion of engineering and technological issues currently being faced by the industries of Pakistan. PAE is endeavoring to promote the application of emerging technologies for the benefit of Pakistani nation. PAE provides independent advice on the issues of engineering and technology that addresses many questions of national and strategic importance. We are engaged more efficiently with the public and public policy process to promote strengthening and integration of academia, industry, government and society in the country. We firmly believe that creation of engineering culture in the country is the key source of developing sustainable competitive advantage. To pursue our strategy we regularly conduct studies, symposia and workshops in Pakistan and have got recognition from eminent professionals all over the world.

The Pakistan Academy of Engineering is a member The International Council of Academies of Engineering and Technological Sciences, Inc. – CAETS, USA.

Major Topics of the Workshop

- How Promotion System Works in Organizations?
- Why and how Engineers Lost their Competitive Positions to Other Functions of Business? Historical Role of Engineering & Technology in the Development of Nations
- Necessary Soft Skills for Engineers
- Why Engineers Should Lead Organizations?
- Interactive Discussions

Who Should Attend

Although this workshop is focused on engineers, but the discussion is from the perspective of soft skills which may be useful for other professionals as well. Hence a large variety of participants may benefit from this workshop, including but not limited to:

- Managers and senior managers of local, foreign and government organizations
- HR Managers
- Strategists and analysts
- Economists
- Engineers and Technologists
- Undergrad and master's students

Registration

For further information and registration, please contact:

Mr. Aarsal Sohail - 0300-3667924

Mr. Mustafa Ahmed Sharief - 0345-3151932

Key Takeaways

- World class knowledge on a topic of strategic importance
- Summarized Training Slides
- Case Study
- Certificate from The Pakistan Academy of Engineering

Free Workshop

- **This is a free workshop and only first 50 registrations will be accommodated.**

Evening Program (6 pm – 9 pm)

- 0600 – 0610: Recitation of Holy Quran
- 0610 – 0615: Welcome and Introductory Remarks
- 0615 – 0645: How Promotion System Works in Organizations?
- 0645 – 0715: Why & How Engineers Lost their Competitive Positions?
- 0715 – 0800: Prayers, Networking & Hi-Tea Break
- 0800 – 0830: Necessary Soft Skills for Engineers
- 0830 – 0850: Why Engineers Should Lead Organizations?
- 0850 – 0900: Closing Remarks

Important Note: The workshop is free for selected participants. It is requested that organization should nominate by first conducting appropriate training need assessment of the prospective candidate.

Refreshment: Complementary



This particular workshop is being conducted under PAE's constituent entity Institute for Technology Assessment and Transfer (ITAT).

The Basic objective of the ITAT is to conduct independent and objective analysis, and make an assessment of the potential of future technologies. It will also assess the consequences of introduction of new technologies. Timely attention and relevance to the country will be the over-riding considerations for the conduct of its business.

THE PAKISTAN ACADEMY OF ENGINEERING (PAE)

For Registration: Please contact Mr. Aarsal Sohail

Cell: 021-34831726, 0300-3667924, Email: Aarsalsohail373@gmail.com

Address: E-16/2, Block-7, Gulshan-e-Iqbal, Karachi.

www.pacadengg.org