



Partner
Organization

THE PAKISTAN ACADEMY OF ENGINEERING

Free Training Workshop on

“Conducting Technology Impact Assessment”

14th December 2019, DHA Suffa University Karachi.

Introduction and Background

Based on the feedback received on the workshop conducted last year, we have decided to conduct the workshop on Technology Impact Assessment this year as well. Technology is a clear distinction between developed and developing countries besides managerial skill. This course is focused towards understanding the importance of technology and adaptation of appropriate technology for efficiency in business operations.

It is unfortunate that as a nation, we are not developing technology, rather we are dependent upon west in this area. Acquiring technology from various countries create serious issues in implementation and operations. Technology if not acquired adequately becomes expensive due to which competitive advantage is lost globally as well as locally because of the presence of MNCs locally. We as a nation can develop our economy only through a right technology mix. For a country like Pakistan acquiring appropriate technology is not less than a challenging task as issues like business compatibility, financial, operational and organizational feasibility, technology integration, periodic upgradation and total life cycle cost are major areas to ponder upon before taking a decision. This has become further complicated because technologies are being developed and depleted at a faster rate and to keep pace with this business decisions need to be taken quickly and often frequently.

In this one-day workshop it is not possible to cover the multifaceted issues associated with impact of technology but major areas of decision making related to technology acquisition will be covered. Participants will, however, acquire enough knowledge to take quality decisions in the areas of technology selection, acquisition, implementation, integration and obsoleting.

About Training:

Program Objectives

To prepare participants to understand the importance of technology and its impact on national economy. After attending this workshop, they will be able to take quality decisions in the area of technology management for their organization.

Major Topics of the Workshop

- Importance and impact of technology
- Innovation and technology-based innovation
- Soft skills required for technology acquisition
- Life cycle cost of technology
- 360-degree feasibility study for technology acquisition
- Issues and problems in management of technology

Who Should Attend

- Engineers and executives willing to acquire optimal business technology
- Technology managers
- Family business owners
- Strategists

Panel of Trainers

Dr-Ing. Syed Mushahid Hussain Hashmi

earned a mechanical engineering degree and later MS in Energy Systems from NED University. He accumulated field exposure while working for Lakson Tobacco and then Trans Mobile Ltd. He went to Institute of Thermodynamics, Helmut Schmidt University, Hamburg, Germany for PhD in thermal modeling of fuel cell. Currently he is Chairman of Department of Automotive Engineering & Marine Engineering in NED University.

Dr. Irfan Ahmed

received his PhD in the field of electronics engineering and is an expert in cutting edge communication technology. He possesses over 25 years of industrial, administrative and research experience. EPC contracting, project management, cold and hot commissioning, and academic research are the components of silhouette. He is teaching a wide variety of subjects in NED University.

Mr. Syed Iqbal Hashmi

Mr. Syed 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.

Keynote Address:

President PAE

&

Chairman ITAT

Dr. – Ing. Jameel Ahmad Khan

Registration

For further information and registration, please contact:

Key Takeaways

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

Free Workshop

- This is a free workshop and only first 15 registrations will be accommodated.

Program:

- 0900 – 0930: Attendance
- 0930 – 0940: Recitation from Holy Quran
- 0940 – 1000: Welcome Address and Keynote Speech by Dr. – Ing. Jameel Ahmad Khan, President Pakistan Academy of Engineering.
- 1000 – 1130: Training Session
- 1130 – 1200: Tea Break and Networking
- 1200 – 1300: Training Session
- 1300 – 1400: Prayer/Lunch Break
- 1400 – 1500: Training Session
- 1500 – 1530: tea Break and Networking
- 1530 – 1600: Case Study
- 1600 – 1630: Interactive Session
- 1630 – 1700: Feedback and Certificate Distribution

Duration: One day – 9:30 am to 5:00 pm

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.

Lunch: Complementary

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.



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. Waqar Hassan
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Address: E-16/2, Block-7, Gulshan-e-Iqbal, Karachi.
www.pacadengg.org

Conclusion



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A comprehensive discussion will follow out of the Day.

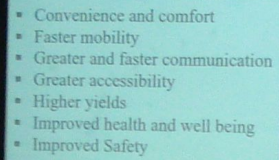








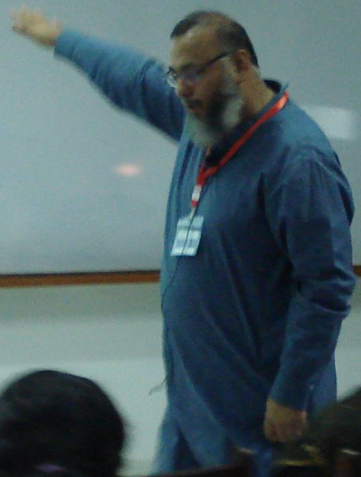
PAE



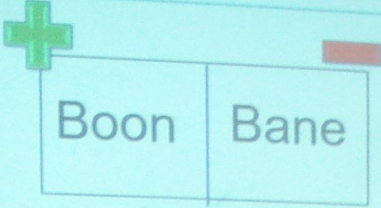
- Convenience and comfort
- Faster mobility
- Greater and faster communication
- Greater accessibility
- Higher yields
- Improved health and well being
- Improved Safety

Boon and Bane of Technological Innovation

Boon	Bane
Science and comfort	
Health	
and faster communication	
accessibility	
mobility	
and health and well being	
and Safety	



PAE Boon and Bane of Technological Innovation



Boon Bane

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Technology and Innovation Workshop by PAE, 2013, Karachi











