



Institute of
Business Administration
Karachi

Leadership and Ideas for Tomorrow

IBA CEE

Center for Executive Education
Institute of Business Administration

Reliability Of Engineering Systems

Key Factor in creating & sustaining Business Profitability



February 21, 2024



50,000 +5% SST



PROGRAM OVERVIEW:

A key trait of any world-class Reliability program is a pre-emptive, efficient work management process, designed to ensure the effective performance on critical assets. To achieve maximum ROI and maintain the greatest degree of profitability, it is essential that organizations have a process that effectively translates asset information to knowledge, and eventually gain value from that knowledge. The exact mix of Plant Asset Reliability enablers stand-in the (change) culture to create an enduring, quantifiable success needed to meet the asset management corporate objectives. The enablers of reliability fall into three aspects: culture, process, and technology. Reliability is a vibrant structure that defines what needs to be done, and why, based on the changing needs of business. It provides the tools to ensure that various improvement initiatives are justified by the needs of the business. It seeks to guarantee that all expenditure of money or effort is directly related to the bottom line.

WHO SHOULD ATTEND?

Corporate / Plant Senior management, Engineers & supervision personnel responsible for plant production and maintenance performance. Plant engineering, planning and scheduling, purchasing, finance, stores and reliability personnel will benefit from this comprehensive program.

Topics Covered:

- Introduction
- What is Reliability?
- Why Reliability is link with organizational Business Goals?
- What are Engineering Systems & System Boundaries?
- Few Engineering Systems & it's importance for Reliability
- Best practices for Industrial profitability
- Risk Based Inspection
- Reliability Centered Maintenance
- Case Studies
- Industry 4.0: Industrial target for profitability
- New Challenges that Effects Corporate Business Profitability
- Training Conclusion

Learning Milestones

- Organizational Productivity & Profitability as a Business Goal
- Importance of Financial management by Engineers
- Condition Monitoring & Reliability awareness for Implementation
- KPI's development as per world class references
- Industrial benchmarking
- Organizational resource optimization
- Reliability as a must for plant profitability
- Skills development as Human Capital
- Cultural change as an Investment
- New Technology Implementation (Industry 4.0)
- Skill set development plans for technical team

TRAINER:

SYED MUNAWER HASAN (THE RELIABILITY GURU)



More than 25 years of global and local experience of Plant Asset Management, Predictive, Proactive Maintenance system designing & its Implementation. Also involve in Reliability Centered Maintenance for plant maintenance strategy development & also reviewed strategies for implementation of Enterprise Asset Management, through SAP / ORACLE/ MAXIMO.

- CBM, Reliability, RCM & EAM Pioneer in Pakistan (Services, Projects & Trainings)
 - Established Training Centers, Workshops and Digital technical library for Industries.
 - Inventory Management using SPARO (Spare Part Optimization) technique for EAM.
 - IIOT system designing & implementation for Industry, especially for Industry 4.0
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CAREER PROFESSIONAL POSITIONS:

- CEO & Founder (PAE Solutions & MRT Academy)
 - Environment & Sustainability Consultant - CDGA Engineering Consultants Limited - Ireland
 - Ex CEO Pakistan - Xakera Systems Inc. USA
 - Ex Country Manager - Gray Mackenzie Engineering Services - Qatar
 - Ex Reliability Systems Manager - SKF Kingdom of Saudi Arabia
 - Ex Manager Reliability Systems & Key Accounts Management (KAM) - SKF Pakistan
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HONORARY & PROFESSIONAL POSITIONS:

- Co - Convener, Central Standing Committee for Blue Economy - Federation of Pakistan Chambers of Commerce & Industry
 - Community Leader for Mobius Reliability + CBM Connect - Pakistan
 - Global Brand Ambassador for Mobius Connect
 - Global KAM Team Member - Nestle, Unilever, Lafarge, AES, Linde, OMV, Petronas, SABIC, ARAMCO, SASREF
 - Member of SKF Global Reliability Champions Event - Malaga, Spain
 - Event Manager & Delegation Group Leader-Pakistan - Asset Management Conference (Singapore)
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PROMINENT PROFESSIONAL TRAININGS & CERTIFICATIONS

- Certified Master Management Consultant (CMMC)- American Project Management Institute (USA)
 - Fellow of American Academy of Project Management (FAAPM) - American Project Management Institute (USA)
 - Asset Reliability Professional Engineer - Mobius Institute (Australia)
 - Certified Vibration Analyst - Vibration Institute (USA)
 - Certified Thermographer - Academy of Infrared Technology Inc. (Canada)
 - Asian Leadership Program - SKF (Singapore)
 - SKF Asian Team Building Program - Focus Adventures (Singapore)
 - Business in Solution Promotions (BISP) - (Australia, China & Malaysia)
 - Portable, Online & Protection Systems & RCM Project Implementation - Thailand
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PROFESSIONAL QUALIFICATIONS:

- Masters in Engineering Management - NED University
- Masters in Business Administration - HIMS
- Bachelors of Mechanical Engineering - NED University

CONTACT US



<https://cee.iba.edu.pk/registration.php>

IBA CEE

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PROGRAM POLICIES & PAYMENTS

Registrations are only confirmed when full payment has been received from a participant. For a detailed cancellation policy, please visit: <https://cee.iba.edu.pk/cancellation-policy.php>

The Institute may cancel or postpone a program due to insufficient enrolment or unforeseen circumstances. In this case, the institute will refund registration fee, but will not be responsible for any other related expenses including cancellation/change charges by airline and travel agencies. The Institute reserves the right to make changes in its program dates, faculty, policies, and fees at any time.

Payment can be made via cheque / bank draft payable to the "Institute of Business Administration, Karachi" at the following address: Center for Executive Education (CEE), IBA, City Campus, Garden/Kayani Shaheed Road, Karachi. For online payments via credit cards: <https://onlinepayment.iba.edu.pk/> (from payment type, please select CEE)