IBA CEE Center for Executive Education
Institute of Business Administration

Operations Management

Workshop on Managing the Maintenance Department

January 18 & 19, 2023

9:00 am to 5:00 pm
Venue: CEE@IBA, Karachi

OVERVIEW

The purpose of the course is to provide progressive organizations with insight of latest productivity tools used in Maintenance Management. The program focuses on Proactive Maintenance practices. Proactive Maintenance Management gives a company the ability to prolong the life of critical business assets in the most cost-effective manner by preventing unexpected breakdowns, enhancing availability and reliability, increasing life of assets, reducing life-cycle cost, and enabling the job to be done in a safe manner, by selecting the best-in-class maintenance technique for each group of assets.

The techniques discussed in the course are covered in a way that it can easily be understood. The learning can easily be implemented, regardless the size and type of company; from a small business setup to a large factory, oil refinery, or any other setup.

Maintenance planning, an often-neglected area, is covered in the course along with methods of cost reduction and maintenance process improvements. Best practices in Maintenance Management is the focal point of the program.

The course proceeds step-wise and starts with the concept of managing people, using lean techniques in maintenance, problem-solving methodologies, etc. Essentials of maintenance planning, spare parts management, CMMS, etc. are included in the discussion. Coverage is also given to the latest instruments in vibration analysis, thermography, ultrasonic technique, oil analysis, and laser alignment of machinery. Participants are also introduced to augmented reality, creating and using maintenance dashboards, linking KPIs to dashboards, etc.

The course is specially designed for business leaders involved in production, maintenance, or other endeavors related to factory management and who are desirous of improving their performance.

WHO SHOULD ATTEND?

The course has been designed for business executives, engineers and others involved in equipment reliability and improving the effectiveness of plant and machinery.

IBA Institute of Business Administration Karachi
Leadership and Ideas for Tomorrow

FACULTY

Nasir Mahmood is a mechanical engineer (batch 1974-78) from the NED University of Engineering & Technology, Karachi. He has over 36 years of local and international field experience working with different industries including metal works, trailer manufacturing, food industry, textiles, pharmaceuticals, etc. He has a reasonably good experience working as head of both production and maintenance. He was intensively involved in production planning and control, factory administration, maintenance management, etc. Working in a key position, he had the opportunity to bring radical changes in the industry. Previously he worked as senior process engineer, and was tasked to improve processes with the objective of critical examination of processes in order to reduce both manufacturing cycle time and cost. He was intensively engaged in energy management and auditing, safe management of factory, compliances and factory laws, quality assurance, maintenance, etc. He implemented lean and 5-S, and was also engaged in materials management and warehousing. He has researched inventory management and have uniquely presented MUSIC 3D (Multi-Unit Selective Inventory Control). His techniques helped various industries in reducing inventory level, and simultaneously improving customer service level. Apart from industry experience, he has been intensively engaged in teaching and executive training. He started his career as Lecturer at NED UET, followed by a vast exposure of industries.

BENEFITS?

The foundation of the course is laid down fromindustry inputs and feedbacks. It adopts a practical approach to addressing most common issues faced by industry personnel. Participants are guided with step-by-step procedure moving from traditional to world class maintenance.

Lean practices have emerged from the auto-industry and are now applicable in all areas of human endeavor, including maintenance management. All progressive organizations throughout the world are using Lean. Organizations not using lean practices in maintenance will be left far behind in the competitive market of today. This course uplifts the performance of maintenance personnel by providing step-wise guidance on implementing lean in maintenance.

By the end of the course, each participant is expected to have a clear understanding of World Class MaintenanceManagement. After learning the latest tools and techniques, each participant is in a better position to enhance his/her productivity and becomes well-aware of problem-solving tools used in maintenance management. Participants will learn about how augmented reality helps in fine-tuning the preventive maintenance program. Technical jargon has been avoided, wherever possible, to make the learning process easy. The course is time-tested and has become very popular, with excellent feedback from participants. Intensive use of audio-visual aids makes learning both effective and enjoying.

TOPICS COVERED

- Improving performance of Maintenance Department
- How to improve reliability and effectiveness of Plant & Machinery
- How to handle common maintenance problems effectively
- Selecting the most appropriate maintenance technique
- How to move towards zero breakdowns
- Autonomous maintenance and TPM
- What is augmented reality and how it applies to maintenance
- Creating & using Maintenance Dashboards
- Performance improvements through Benchmarking & KPIs
- How Lean helps in Maintenance Management
- Factors to consider in Maintenance Planning & WO Scheduling
- Utilizing Maintenance Resources effectively
- Using Kaizen and Problem-Solving Tools in maintenance management
- How MUSIC 3D helps in spare parts management
- What every Maintenance Manager should know about compliances

Workshop Fees PKR 55,000/-per participant + 5% SST

Inclusive of Course material IBA Workshop Certificate Lunch Refreshments & Business networking

Experience
EXECUTIVE
EDUCATION
Centre for Executive Education, IBA, Karachi

Center for Executive Education (CEE)
Institute of Business Administration City Campus.
Off Garden Road, Karachi-74400.

For Further Information

T: (92-21) 38104701 (Ext. 1809, 1812)
F: (92-21) 38103008
Email: ceeinfo@iba.edu.pk | Visit: cee.iba.edu.pk

Join Us:

https://www.facebook.com/CEEIBAKarachi/
https://www.youtube.com/user/CEEIBA
https://twitter.com/CEEIBA/
https://www.linkedin.com/groups/3148760
https://plus.google.com/112360614740206381722

Contact us for Client Specific Customized Executive Programs & Consultancy