

Workshop on Asset Management Fundamentals

Date : 12/12/2022 Time : 1 pm to 4 pm

Scope

Better Asset Management results in enhanced planning, coordination, communication, competency and decision making for infrastructure organisations. Improving these areas leads to an enhanced bottom line as cost and risk are reduced.

For many organisations, it is a challenge to know where to start when aspiring for improved Asset Management. This workshop will help participants to understand the fundamental principles of Asset management, the scope of ISO55000 and how to apply this standard and realise the benefits it offers. This workshop is broadly based on the elements within ISO55000, the International Standard on Asset Management.

Participants are expected to learn:

- > Fundamentals of Asset Management
- > The elements of an Asset Management System
- > Improving current Asset Management practices
- > Leadership and communication
- > Continual improvement

Session1 (1 pm to 2:25 pm)

- > What is Asset Management?
- > Understanding ISO55000
 - Value
 - Alignment of organisational objectives
 - Leadership and workplace culture
 - Assurance that assets will fulfil their required purpose
- > Requirements of ISO55001

Tea break (2:25 pm to 2:40 pm)

Session2: (2:40 pm to 4:00 pm)

- > Strategic Asset Management Plan
- > Asset Management Plan
- > How to approach Gap Analysis
- > How to approach a desired balance of cost, risk and performance?

Who should attend?

- > Senior managers
- > Asset Managers
- > Engineers
- > Maintenance Managers
- > Accounts managers
- > Commercial managers
- > Asset Management Practitioners
- > Planners
- > Capex and Opex decision makers
- > Other managers and executives related to asset and project management.

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Presenter's



Dr. Gopi Chattopadhyay, Ph.D. (University of Qld), has 40 years of experience in industries and Universities in operations, maintenance, reliability and asset management. He is Postgraduate Programme Coordinator for Maintenance and Reliability Engineering in Federation University. He was Professor of Strategic asset management in Central Qld University and Head of Engineering Management programmes in Qld University of Technology, Australia. He is current Chair of Gippsland and was past Chairs of Brisbane and Gladstone of Asset Management Council, past President of Australian Society for Operations Research (Qld) and Vice President of Maintenance Engineering Society of Australia (MESA, Qld), industry reviewer of ISO55000 series of standards on Asset Management and Total Asset Management Plan of Queensland Government. Gopi was Chair of International Conference on Maintenance and Intelligent Asset Management (ICMIAM 2020-2022). Gopi supervised 19 PhD and Master students to successful completion, secured over 2.5 Million Australian dollars of funding and published 200 international journal and conference papers.



Raghuvir Pai is a Professor in Manipal Institute of Technology, Manipal Academy of Higher Education (MAHE), Manipal, India. He completed his Bachelors in Mechanical Engineering from Manipal Institute of Technology, Mysore University. Later he pursued his PhD in Tribology from the Indian Institute of Technology, Kharagpur. Subsequently he has worked as a Department of Science and Technology, Government of India, BOYSCAST postdoctoral research fellow at Cranfield University, England. He was a research fellow at Queensland University of Technology, Brisbane and an Endeavour Executive Fellow, Australian Government at Federation University Australia. He was the Dr T.M.A. Pai endowment chair in Tribology at MAHE, Manipal. He has held various administrative positions in MAHE, Manipal over the past 20 years. He was the Head of Department, Mechanical and Manufacturing Engineering, Joint Director at Manipal Institute of Technology, Director of International Centre for Applied Sciences and Director Research (Technical), MAHE, Manipal. He was the founder Dean of the School of Engineering at Manipal's Dubai campus. He was also the founder Dean of the School of Science and Engineering at Manipal International University, Malaysia. He has a number of research publications in journals and international and national conferences. His expertise in research is in the field of water lubricated bearings, externally-adjustable bearings, tri-taper bearings, tribology of machining metal matrix composites, Nano lubricants in bearings and Biomechanics. Ten students have completed their Ph D dissertation with him and currently there are 06 other students pursuing their PhD. He is the founder President of Asset Management Society, India.

