

Module: Risk Assessment & Management

(Technical Seminar)

Overview

Risk assessment and management are fundamental components of safety in various fields, including engineering. Risk assessment identifies potential hazards and evaluates their likelihood and impact, allowing organizations to prioritize risks.

Key principles include identifying hazards, assessing risks, and implementing controls to mitigate them. Effective hazard management involves a systematic approach to analyze risks and reduce their potential consequences.

In engineering, practical applications range from safety evaluations in design processes to routine maintenance assessments. By integrating risk management into engineering practices, organizations can improve safety outcomes, enhance operational efficiency, and comply with regulatory standards. This proactive approach not only minimizes risks but also fosters a culture of safety awareness among all stakeholders. but also improves overall safety and reliability in aviation operations.

Programme Code M_RAM

Programme Outline

- Service Description
- Definition of risk assessment and its role
- Key principles of hazard and risk management
- Practical applications in engineering

Programme Class Classroom face-to-face

Contact Hours 2 hours

Certificate Certificate of Attendance