HUMAN FACTORS IN HEALTHCARE

Enhancing the Safety and Reliability of Systems

MODULAR & PROGRESSIVE

The workshop covers:

Module 1
- Introduction and Overview of Human Factors in Healthcare: Understanding Human Factors and Human Interactions with System

Module 2
- Human Factors Contributing to Error Causation: Understanding Human Abilities and Limitations and Preconditions Affecting them and Role of Biases in Decision Making

Module 3
- Human Factors Engineering Concepts: Use and Application of SEIPS Model; Use of HFACS for Investigations using the Human Factors Lens, HFIX and FACES principles to generate solutions and to evaluate and prioritise solutions generated

Module 4
- Use of Human Factors in Design / Redesign: General Principles in designing for Safety and their application in day-to-day work in healthcare

The Human Factors in Healthcare Workshop is designed to be modular and progressive. Each interactive session includes clear learning objectives, theoretical explanations, hands-on activities, and discussions relating to real-world and healthcare situations.

LEARNING OBJECTIVES

At the end of the programme, participants will:

- Have a greater awareness of key human factors and relate these to patient safety issues faced by healthcare professionals
- Better appreciate the various systemic factors contributing to safety lapses
- Adopt a more holistic approach towards improving quality and safety using the human factors' lens to investigate and mitigate safety issues

Target Audience

- Doctors (Registrars and above)
- Nurses (Senior Staff Nurse and above)
- Allied Health Professionals (senior allied health staff and above)
- Administrators (Assistant Manager and above) who are interested in ensuring safer and reliable systems in institutions

Pre-requisites

There are no pre-requisites for this course.

Course Duration

1.5 days

Scan the QR code for more information