



# TRAINING BROCHURE

## LEARNING, EXPERIENCE AND CONFIDENCE

WHERE **LEARNING** BEGINS

Learning content needs to be created for quick access and intelligent searching and retrieval. This way we offer learning and support at the same time. Capturing knowledge from the workplace makes our training updatable and scalable while allowing knowledge and experience to be shared better.



## About Us:

We're expert in understanding user needs regarding supportability of platforms, plants etc. with the motto "Do More with Less" and we've been providing logistics engineering services nationally and internationally since 2015. Integrated Product Support (IPS) / Integrated Logistics Support (ILS) is the prime focus of QVISE. QVISE has ventured into the business of Product Support Solutions & aims to maximize availability of product, platform and manufacturing plants with minimal maintenance and support cost. We aim to assist the defense and manufacturing industry in fulfilling their objectives with minimal logistics footprint. Our instructors deliver first class training to transfer that knowledge to our customers. QVISE motto is always to help customers deliver more output for less cost that is more promising and object oriented.

## Contact Us:

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## WHY US?

QVISE is the name of trust producing high quality ILS Services and its training. We value our audience choices by evolving with time and working on new technology

- ✓ QVISE has the required wherewithal (i.e. capability and tools) to undertake LSA & develop ILS training
- ✓ All diversified products & services trainings are available at one platform of QVISE
- ✓ QVISE has the collaboration with Chinese, Thai, Europeans, UAE, UK & Netherland to meet emerging customer needs and can better train audience with different scenarios in different parts of world
- ✓ With multiple products QVISE is always ready to deal in diversification and bring optimal ILS solution
- ✓ We have well trained Engineers who pursue their training from Dubai and have delivered training to prestigious organizations





## WHAT WE DO

We believe in live interaction so that our audience remains indulged with us throughout the training session. Therefore we plan demonstration, group assignment, quizzes and short tests related to ILS modules taught

We also welcome small group discussions on different case studies. Free choice in groups to choose their leaders and produce active summaries on topic delivered. We arrange hands-on training where applicable. We also offer Question cards, Q & A sessions

Results and feedback is also be provided after the session.

## QVISE COURSE



### RELIABILITY ENGINEERING

Training programme provides the comprehensive detail & understanding of Hazard Perception covering reliability & operational availability. Management of data, analysis, deductions and practical implications through various tools and software.

### RELIABILITY ENGINEERING SUBJECT MATTER



1. Reliability Concept
2. Need for Reliability Engineering
3. Reliability Tools
4. Bayesian Inference, MCMC & Particle Filtering
5. System modelling for calculation of reliability and henceforth Ao
6. Definition of probability density functions (PDF).
- 7.

### OPERATIONAL AVAILABILITY



- Concept of operational availability
- Definition & elaboration of availability, Inherent availability, Achieved availability & Operational Availability.
- Elaboration of MTBF, MTTF, MTTR, ALDT & MTBCF
- Relationship of Ao with MTBF & MTTR.
- Formulae and relationship between all forms of availability.
- Relationship between Operational availability & Reliability.
- Impact of Reliability analysis on Operational availability
- Definition of mission capable time and non-mission capable time.
- Role of TPM (Total Preventive Maintenance) and TCM (Total Corrective Maintenance)
- Relationship between Operational availability & Reliability.
- Impact of Reliability analysis on Operational availability