

ISO/IEC 42001:2023 AIMS-LA Training

Main Faculty : Jaganathan T

Mode : Hybrid, @ Chennai and Virtual

Time – 10 AM to 6 PM IST

Why 'Responsible AI'?

Technology keeps transforming every 10 years. If 1980+ is the decade of Mainframe Computing and 1990+ is for Internet 1.0 and so on, Artificial Intelligence (AI) is the clear winner for 2020+. AI is visibly transforming communities, cultures, and economies across the world. Machine learning models are disrupting the way we live, work, play and do business.

If the latter half of 2010+ and early half of 2020+ is known for the development of AI models, we would have actions shifting to building models and safeguards in the latter half of 2020+. From gender bias to privacy breaches to large scale social impacts, the disruptive new world of AI comes with controversies as well as benefits. Stakeholders are increasingly concerned about the potential risks of AI systems specifically on account of their perceived opacity, complexity, potential for bias, loss of accountability, and unpredictability. Is this becoming a dampener for the growth of AI? Definitely not. Then what is the solution? The answer is in emerging AI standards, standards for **Responsible AI**.

What is Responsible AI?

As per techtarget.com..

Responsible AI is an approach to developing and deploying artificial intelligence (AI) from both an ethical and legal point of view. The goal of responsible AI is to employ AI in a safe, trustworthy and ethical fashion. Using AI responsibly should increase transparency and help reduce issues such as **AI bias**, Security and Privacy compromises, etc.

Answer in AI Governance Framework

Trustworthy AI standards, however, are currently entirely in the domain of the data scientists and software developers who write and deploy an organization's AI models. Thus, a universally accepted 'AI Governance Framework' is still eluding.

ISO and IEC have provided the much sought after answer for the 'globally accepted and transparent framework for 'Responsible AI'.

Emergence of AI ISO/IEC 42001:2023

In helping to drive the responsible use of AI, ISO jointly with IEC developed a new management system standard known as ISO/IEC 42001:2023 (**AI Management System**). AIMS is a new global AI management system that addresses the need for consistent, secure, ethical & manageable implementation of AI operating within the PLAN, DO, CHECK & ACT (PDCA) principles of **Management System Standard (MSS)**.

Why do we need MSS for AI?

AI is a new generation software platform. No other software technology has exclusive 'Management System Standards'. Then why do we require an exclusive 'Management System' for AI? Is it a hype?

AI presents unique risks to the objectives and resultant possible impacts to the stakeholders that need to be managed carefully and systematically due to its self-learning nature. Unlike traditional software and IT systems, AI is an 'inference machine' trained for decision-making, with or without a human. The huge opportunity with AI is that it can adapt and use data instead of human-coded logic. This is really a leap in capability for any organisation, but also puts much more emphasis on the quality and protection of the underlying data. AI also could potentially make decisions, and this has serious governance ramifications because you need to give the right amount of decision-making power to the AI system. You must make sure that whoever is in charge of the AI system remains responsible for the system – and has the requisite authority and control to do so.

What is ISO/IEC 42001:2023?

ISO/IEC 42001 is that answer from ISO & IEC for ensuring 'Responsible AI'. ISO/IEC 42001 is a Management System developed specifically for AI. It specifies requirements and provides guidance on establishing, implementing, maintaining and continually improving an AI management system.

Who is the standard for?

ISO/IEC 42001 is applicable to any organisation, regardless of size, type and nature, that **provides or uses** AI products or services, helping them develop or use AI systems responsibly. ISO/IEC 42001 is not a replacement of an organisation's existing frameworks and guidelines. It is a complementary document. ISO/IEC 42001 is not a software development methodology and nor a list of regulatory requirements. It is a 'Management Systems' framework to understand and address the risks from AI for an organization and ensure responsible use of AI.

ISO/IEC 42001:2023: Mark of trustworthiness

42001 is the first ISO standard defining a certifiable management system for AI. As a certifiable AI standard, it helps provide organisations with a mark of trustworthiness in AI development as well as use. This can help promote commercial scalability – vital for encouraging growth and expansion across all critical infrastructure sectors.

Alongside good standards and regulation, there is also recognition of the need to utilise conformity assessment to build trust in AI, building on the established global testing, certification and accreditation infrastructure available for ISO Management System Standards. IAF (International Accreditation Forum), the apex body for accreditation and certification, has incorporated ISO/IEC 42001:2023 into their schedule and thus the Accreditation Boards (AB) and Certifying Bodies (CB) have started doing accreditations and certifications for ISO/IEC 42001:2023.

Potential benefits of certification for ISO/IEC 42001

- Acts as a mark of trust, demonstrating that an organisation takes its responsibilities for the ethical use of AI seriously.
- Provides a competitive advantage in a crowded marketplace.
- Raises public confidence and trust that there are baseline guidelines in place and that organisations are being audited by an independent bod

Benefits of becoming a AIMS Auditor

- Essential qualification for becoming the new genre of CAIOs (Chief AI Officer)
- It is expected that ISO/IEC 42001:2023 would become one of the most sought-after ISO certification like QMS, OCHSMS & ISMS. Enough business opportunities for Consulting,

GET READY TO GRAB THE EXCITING BUSINESS OPPORTUNITY

Highlights of this course

- Attractive and useful course guide
- Practical industry-oriented AI Case Studies
- Facilitated by an experienced Trainer / Management System Specialist / IT Expert / InfoSec Expert / AI protagonist.
- All previous FutureCalls Academy trainings received EXCELLENT grade feedback from the training participants.
- Assessment after the training and online verifiable and attractive certificate of completion
- Additional useful information on AI, AI Risk Management & AIMS to be provided
- Interesting QUIZ on each day of training with an attractive prize for each quiz. (Books written by Author Jaganathan)

COURSE CONTENT

1. Module 1 – Introduction to AI
 - a. AI concepts and terminology
 - b. Framework for AI systems using Machine Learning
 - c. Trustworthiness in AI
 - d. AI use cases
 - e. Security & Privacy in AI use cases
 - f. AI History
 - g. EU act on AI
 - h. AIMS Terms & Definitions
2. Module 2 – AIMS Clauses, Clause 4 to Clause 10
3. Module 3 - Annex A - 38 AI controls in nine areas/control objectives
4. Module 4 - Annex B - Implementation Guidance for 38 AI controls
5. Module 5 – AI System Impact Assessment Case Study
6. Module 6 – Auditing
 - a. ISO 19011:2018 & ISO/IEC 17021-1:2015
 - b. Auditing Terms & Definitions
 - c. 7 Principles of Auditing
 - d. Accreditation scheme Competence, selection of personnel, certification process
 - e. Difference between Product Certification and Process Certification.
 - f. Audit man day calculation.
 - g. Principles of Auditing and practising personal behaviour
 - h. Overview of Audit Program Management and Remote audit methods
7. Module 7 – Audit Case Studies
 - a. Case Study 1 – Audit Checklist
 - b. Case Study 2 – Mapping controls
 - c. Case Study 3 – Preparing Audit Plan
 - d. Case Study 4 – Document Review
 - e. Case Study 5 – Role Play – Conducting Closing Meeting
 - f. Case Study 6 – Preparing Audit Report
 - g. Case Study 7 – Preparing CAR
8. Module 8 – Candidates Assessment
9. Course Recap, Quiz, Course Feedback

CONTACT Radhika Singh, 8920159046, Email – radhikasingh@myperito.com to register ASAP and avail Early bird incentive

Profile of Lead Faculty – Jaganathan T

T. Jaganathan is a Gold Medalist (University First) Engineer with Business Administration Diploma. He has held key positions in Technology Infrastructure Management for more than 32 years.

He founded the company FutureCalls Technology Private Limited (www.futurecalls.com) in 2001 and is currently the Managing Director of this company. FutureCalls provides IT infrastructure solutions with a specific focus on Contact Center solutions.

He also served as the EVP – IT & Information Security & Advisor for AGS Health, Revenue Cycle Management Company. He was instrumental in implementing Information Security Process & Resource Management apart from IT infrastructure. One of his achievements is implementing and getting certified for ISO9001:2008, ISO/IEC 27001:2013, HIPAA and SSAE 16 Type 1 certifications in the very first year of operation of AGS Health. Jaganathan was instrumental in AGS Health receiving the prestigious award 'Best practice in information security in IT/BPM Small & Medium' from DSCI in the year 2020.

He implemented ISO/IEC 27001 Information Security Management System for Ajuba Solutions, Revenue Cycle Management company in the very first year when the standard was first introduced by ISO in 2005.

Jaganathan has extensive experience in implementing, training and assessing for HIPAA compliance for 20 years.

Jaganathan is an Exemplar Global certified and registered ISMS Lead Auditor (IS) and Exemplar Global certified Assessor (AS). He conducts Lead Auditor and Lead Implementor trainings and ISMS certification audits for CPG.

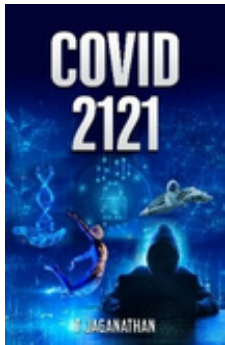
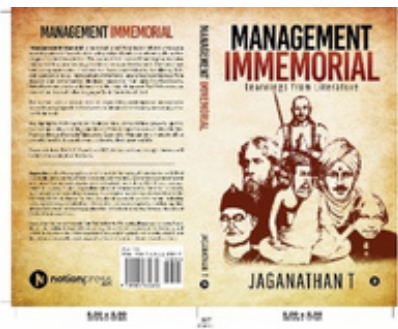
Jaganathan is one of the recipients of CIO-100 and CISO-100 awards for some of his bold IT & Information Security initiatives. He is the current President for Chennai Chapter of CiO KLUB (www.cioklub.com).

Jaganathan is an EXEMPLAR GLOBAL CERTIFIED ISMS AUDITOR and has 20 years of experience in Information Security Consulting and Implementation.

Jaganathan is an experienced Information Security consultant and Information Security Auditor. His credentials on Management System consulting and audit as follows:

- Exemplar Global certified ISMS Auditor (Certificate No. 132681 valid until Feb 28, 2023)
- Accredited panel auditor for ISO/IEC 27001:2013 certification audits.
- Exemplar Global qualified assessor (Exemplar Global-AS) and certified trainer for ISO/IEC 27001:2013 Lead Auditor trainings. Conducted ISO/IEC 27001:2013 trainings
- Designed course curriculum and conducted trainings on ISO/IEC 27001:2022 Lead Auditor.
- Conducted accredited trainings on ISO/IEC 27001, ISO/IEC 27701, GDPR and HIPAA.
- Jaganathan is an expert on HIPAA assessments, consulting and auditing.
- Exemplar Global certification ISO/IEC 42001 AIMS LA
- Conducted many HIPAA and GDPR assessments

Jaganathan has authored and published the books 'MANAGEMENT IMMEMORIAL – Learnings from Literature', "GRANDMA IN THE BOARDROOM" and "COVID2121".



Sample Certificate



CERTIFICATE OF COMPLETION



THIS CERTIFICATE IS PROUDLY PRESENTED TO

Venkatasubramanian K

has successfully completed the **ISO/IEC 42001:2023 Lead Auditor**
training session on 29th, 30th & 31st January 2025

Qualified as "Certified ISO/IEC 42001:2023 Lead Auditor"



Jaganathan T
Managing Director

Verification link : https://futurecalls.com/welcome/verify_certificate Certification code : IS160418