

BUREAU OF INDIAN STANDARDS

Program of Work

LITD 30 : Artificial Intelligence

Scope: Standardization in the area of Artificial Intelligence and Big Data

Liaison: **ISO/IEC/JTC1 TC- SC-42 (P): Artificial intelligence** **ISO/IEC/JTC1 TC- SC-42 (P): Joint Working Group ISO/IEC JTC1/SC42 - ISO/CASCO: Conformity assessment schemes for AI systems** **ISO/IEC/JTC1 TC- SC-42 (P): Joint Working Group ISO/IEC JTC1/SC 42 - ISO/TC 68: Artificial intelligence**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS/ISO/IEC 20546:2019 ISO/IEC 20546 : 2019 Reviewed In : 2023 ISO/IEC 20546:2019	Information Technology - Big Data - Overview and Vocabulary	December, 2023	-	Identical under single numbering
2	IS/ISO/IEC/TR 20547-1:2020 ISO/IEC TR 20547-1:2020 Reviewed In : 2025 ISO/IEC TR 20547-1:2020	Information Technology - Big Data Reference Architecture Part 1: Framework and Application Process	January, 2025	-	Identical under single numbering
3	IS/ISO/IEC 20547-3:2020 ISO/IEC 20547-3:2020 Reviewed In : 2024 ISO/IEC 20547-3:2020	Information Technology Big Data Reference Architecture Part 3: Reference Architecture	June, 2024	-	Identical under single numbering
4	IS/ISO/IEC 22989:2022 ISO/IEC 22989:2022 ISO/IEC 22989:2022	Information Technology - Artificial Intelligence - Artificial Intelligence Concepts and Terminology		-	Identical under single numbering
5	IS/ISO/IEC 23053:2022 ISO/IEC 23053:2022 ISO/IEC 23053:2022	Framework for Artificial Intelligence (AI) Systems Using Machine Learning (ML)		-	Identical under single numbering
6	IS/ISO/IEC 23894:2023 ISO/IEC 23894:2023 ISO/IEC 23894:2023	Information Technology - Artificial Intelligence - Guidance on Risk Management		-	Identical under single numbering

7	IS/ISO/IEC/TR 24028:2020 ISO/IEC TR 24028:2020 Reviewed In : 2025 ISO/IEC TR 24028:2020	Information Technology - Artificial Intelligence - Overview of Trustworthiness in Artificial Intelligence	January, 2025	-	Identical under single numbering
8	IS/ISO/IEC/TR 24029-1:2021 ISO/IEC TR 24029-1:2021 Reviewed In : 2025 ISO/IEC TR 24029-1:2021	Artificial Intelligence (AI) - Assessment of the Robustness of Neural Networks Part 1: Overview	February, 2025	-	Identical under single numbering
9	IS/ISO/IEC 24029-2:2023 ISO/IEC 24029-2:2023 ISO/IEC 24029-2:2023	Artificial Intelligence (AI) - Assessment of the Robustness of Neural Networks Part 2: Methodology for the Use of Formal Methods		-	Identical under single numbering
10	IS/ISO/IEC/TR 24030:2021 ISO/IEC TR 24030:2021 Reviewed In : 2025 ISO/IEC TR 24030: 2024	Information Technology - Artificial Intelligence (AI) - Use Cases	January, 2025	-	Identical under single numbering
11	IS/ISO/IEC/TR 24030:2024 ISO/IEC TR 24030: 2024 ISO/IEC TR 24030: 2024	Information Technology - Artificial Intelligence (AI) - Use Cases (First Revision)		-	Identical under single numbering
12	IS/ISO/IEC/TR 24368:2022 IS/ISO/IEC TR 24368:2022 IS/ISO/IEC TR 24368:2022	Information Technology - Artificial Intelligence - Overview of Ethical and Societal Concerns		-	Identical under single numbering
13	IS/ISO/IEC/TR 24372:2021 ISO/IEC TR 24372:2021 ISO/IEC TR 24372:2021	Information Technology - Artificial Intelligence (AI) - Overview of Computational Approaches for AI System		-	Identical under single numbering
14	IS/ISO/IEC 24668:2022 ISO/IEC 24668:2022 ISO/IEC 24668:2022	Information Technology - Artificial Intelligence - Process Management Framework for Big Data Analytics		-	Identical under single numbering
15	IS/ISO/IEC/TS 25058:2024 ISO/IEC TS 25058:2024 ISO/IEC TS 25058:2024	Systems and Software Engineering- Systems and Software Quality Requirements and Evaluation (SQuaRE) -Guidance for Quality Evaluation of Artificial Intelligence (AI) Systems		-	Identical under single numbering
16	IS/ISO/IEC 25059:2023 ISO/IEC 25059:2023	Software Engineering - Systems and Software Quality Requirements and Evaluation		-	Identical under single numbering

	ISO/IEC 25059:2023	(Square) - Quality Model for AI Systems			
17	IS/ISO/IEC 38507:2022 ISO/IEC 38507:2022 ISO/IEC 38507:2022	Information Technology - Governance of IT - Governance Implications of the Use of Artificial Intelligence by Organizations		-	Identical under single numbering
18	IS/ISO/IEC 42001:2023 ISO/IEC 42001:2023 ISO/IEC 42001:2023	Information Technology - Artificial Intelligence- Management System		-	Identical under single numbering
19	IS/ISO/IEC/TS 4213:2022 ISO/IEC TS 4213:2022 ISO/IEC TS 4213:2022	Information Technology - Artificial Intelligence - Assessment of Machine Learning Classification Performance		-	Identical under single numbering
20	IS/ISO/IEC 5338:2023 ISO/IEC 5338:2023 ISO/IEC 5338:2023	Information Technology- Artificial Intelligence- AI System Life Cycle Processes		-	Identical under single numbering
21	IS/ISO/IEC 5339:2024 ISO/IEC 5339:2024 ISO/IEC 5339:2024	Information Technology -Artificial Intelligence- Guidance for AI Applications		-	Identical under single numbering
22	IS/ISO/IEC/TR 5469:2024 ISO/IEC TR 5469:2024 ISO/IEC TR 5469:2024	Artificial Intelligence -Functional Safety and AI Systems		-	Identical under single numbering
23	IS/ISO/IEC 8183:2023 ISO/IEC 8183:2023 ISO/IEC 8183:2023	Information Technology - Artificial Intelligence - Data Life Cycle Framework		-	Identical under single numbering

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards

SI. No.	Doc No.	Title
No Records Found		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	LITD 30 (28842)	Artificial intelligence Data quality for analytics and machine learning ML Part 5 Data quality

		governance framework
2	LITD 30 (28843)	Information technology Artificial intelligence AI AI system impact assessment
3	LITD 30 (28844)	Information technology Artificial intelligence AI Requirements for bodies providing audit and certification of artificial intelligence management systems
4	LITD 30 (28845)	Information technology Artificial intelligence AI Environmental sustainability aspects of AI systems
5	LITD 30 (28846)	Information technology Artificial intelligence AI Treatment of unwanted bias in classification and regression machine learning tasks
6	LITD 30 (28847)	Information technology Artificial intelligence AI Bias in AI systems and AI aided decision making

Finalized Draft Indian Standard		
SI. No.	Doc No.	Title
1	LITD 30 (28006)	Artificial Intelligence Data Quality for Analytics and Machine Learning ML Part 1 Overview Terminology and Examples
2	LITD 30 (28007)	Artificial Intelligence Data Quality for Analytics and Machine Learning ML Part 2 Data Quality Measures
3	LITD 30 (28008)	Artificial Intelligence Data Quality for Analytics and Machine Learning ML Part 3 Data Quality Management Requirements and Guidelines
4	LITD 30 (28009)	Artificial intelligence Data Quality for Analytics and Machine Learning ML Part 4 Data Quality Process Framework

Finalized Draft Indian Standards under Print		
SI. No.	Doc No.	Title
No Records Found		

Total Published Standards:10 Total Standards Under development:10
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Aspect Wise Report
Product : 0
Code of Practices : 0
Methods of Test : 0
Terminology : 9
Dimensions : 0
System Standard : 1
Safety Standard : 0
Others : 12
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded		
SI. No.	IS No. & Year	Title
No Records Found		

Annexure-II :List of Indian Product Standards		
SI. No.	IS No. & Year	Title
No Records Found		