

BUREAU OF INDIAN STANDARDS

Program of Work

LITD 15 : Data Management System

Scope: To prepare Indian Standards relating to: a) Data Management and Interchange b) Document Description and Processing Languages c) Programming languages, their environments and system software interfaces

Liaison: **ISO/IEC/JTC1 TC- SC-22 (P):** *Programming languages, their environments and system software interfaces* **ISO/IEC/JTC1 TC- SC-32 (P):** *Data management and interchange* **ISO/IEC/JTC1 TC- SC-34 (P):** *Document description and processing languages* **ISO/IEC/JTC1 TC- SC-32 (P):** *eBusiness*

Published Standards

| S.No | IS No. | TITLE | Reaffirm M-Y | No. of Amds | Eqv. |
|------|---|--|----------------|-------------|----------------------------------|
| 1 | IS 10680 (Part 1) : 2016 ISO/IEC 1539-1 : 2010 <i>Reviewed In : 2022</i> <i>ISO/IEC 1539-1:2010</i> | Information Technology - Programming Languages - Fortran Part 1 Base Language (First Revision) | November, 2022 | - | Identical under dual numbering |
| 2 | IS 10680 (Part 2) : 2016 ISO/IEC 1539-2 : 2000 <i>Reviewed In : 2022</i> <i>ISO/IEC 1539-2:2000</i> | Information technology - Programming languages - Fortran: Part 2 varying length character strings (First Revision) | November, 2022 | - | Identical under dual numbering |
| 3 | IS 10681 : 1983 ISO 7185: 1990 <i>Reviewed In : 2019</i> <i>ISO 1989 : 1978</i> | Programming languages - cobol | December, 2019 | - | Identical under dual numbering |
| 4 | IS/ISO/IEC 11179-1 : 2015 ISO/IEC 11179-1 : 2015 <i>Reviewed In : 2022</i> <i>ISO/IEC 11179-1 : 20</i> | Information Technology — Metadata Registries (MDR) Part 1 Framework | October, 2022 | - | Identical under single numbering |
| 5 | IS/ISO/IEC/TR 11179-2 : 2019 ISO/IEC TR 11179-2: 2019 <i>ISO/IEC TR 11179-2: 2019</i> | Information technology Metadata registries MDR Part 2: Classification | | - | Identical under single numbering |
| 6 | IS/ISO/IEC 11179-3 : 2013 | Information Technology — Metadata Registries (MDR) Part | October, 2022 | - | Identical under single numbering |

| | | | | | |
|----|---|---|---------------|---|----------------------------------|
| | ISO/IEC 11179-3 : 2013 Reviewed In : 2022 ISO/IEC 11179-3 : 20 | 3 Registry Metamodel and Basic Attributes | | | |
| 7 | IS/ISO/IEC 11179-4 : 2004 ISO/IEC 11179-4: 2004 ISO/IEC 11179-4: 2004 | Information technology Metadata registries MDR Part 4: Formulation of data definitions | | - | Identical under single numbering |
| 8 | IS/ISO/IEC 11179-5 : 2015 ISO/IEC 11179-5 : 2015 Reviewed In : 2022 ISO/IEC 11179-5 : 20 | Information Technology — Metadata Registries (MDR) Part 5 Naming and Identification Principles | October, 2022 | - | Identical under single numbering |
| 9 | IS/ISO/IEC 11179-6 : 2015 ISO/IEC 11179-6 : 2015 Reviewed In : 2022 ISO/IEC 11179-6 : 2015 | Information Technology — Metadata Registries (MDR) Part 6 Registration | October, 2022 | - | Identical under single numbering |
| 10 | IS 11403: 1993 ISO 7185: 1990 Reviewed In : 2022 ISO 7185: 1990 | Information technology programming languages - Pascal (First Revision) | June, 2022 | - | Identical under dual numbering |
| 11 | IS 13791 : 1993 ISO 6160: 1979 Reviewed In : 2022 ISO 6160: 1979 | Programming languages - PL/1 | June, 2022 | - | Identical under dual numbering |
| 12 | IS 13792 : 2018 ISO/IEC 8652 : 2012 ISO/IEC 8652:2012 | Information technology - Programming languages - Ada (First Revision) | April, 2021 | - | Identical under dual numbering |
| 13 | IS 13874 : 1993 Reviewed In : 2019 | Guide for C - Programme coding | June, 2019 | - | Indigenous |
| 14 | IS 14430 : 1997 Reviewed In : 2022 | Guide for pascal program coding | July, 2022 | - | Indigenous |
| 15 | IS/ISO/IEC 14882 : 2020 ISO/IEC 14882: 2020 ISO/IEC 14882: 2020 | Programming Languages $i_c^{1/2}$ C++ | | - | Identical under single numbering |
| 16 | IS 18743 : 2024 ISO/IEC TR 9789 : 1994 ISO/IEC TR 9789 : 1994 | Information technology - Guidelines for the organization and representation of data elements for data interchange Coding methods and principles | | - | Identical under dual numbering |
| 17 | IS/ISO/IEC 21778 : 2017 ISO/IEC 21778 : 2017 Reviewed In : 2022 ISO/IEC 21778 : 2017 | Information Technology The JSON Data Interchange Syntax | July, 2022 | - | Identical under single numbering |
| 18 | IS/ISO/IEC 23736-1 | Information technology Digital | | - | Identical under single |

| | | | | | |
|----|--|---|---------------|---|-------------------------------------|
| | : 2020 ISO/IEC 23736-1: 2020 ISO/IEC 23736-1: 2020 | publishing EPUB 3.0.1 Part 1: Overview | | | numbering |
| 19 | IS/ISO/IEC 23736-2 : 2020 ISO/IEC 23736-2: 2020 ISO/IEC 23736-2: 2020 | Information technology Digital publishing EPUB 3.0.1 Part 2: Publications | | - | Identical under single numbering |
| 20 | IS/ISO/IEC 23736-3 : 2020 ISO/IEC 23736-3: 2020 ISO/IEC 23736-3: 2020 | Information technology Digital publishing EPUB 3.0.1 Part 3: Content documents | | - | Identical under single numbering |
| 21 | IS/ISO/IEC 23736-4 : 2020 ISO/IEC 23736-4: 2020 ISO/IEC 23736-4: 2020 | Information technology Digital publishing EPUB 3.0.1 Part 4: Open container format | | - | Identical under single numbering |
| 22 | IS/ISO/IEC 23736-5 : 2020 ISO/IEC 23736-5: 2020 ISO/IEC 23736-5: 2020 | Information technology Digital publishing EPUB 3.0.1 Part 5: Media overlays | | - | Identical under single numbering |
| 23 | IS/ISO/IEC 23736-6 : 2020 ISO/IEC 23736-6: 2020 ISO/IEC 23736-6: 2020 | Information technology Digital publishing EPUB 3.0.1 Part 6: Canonical fragment identifiers | | - | Identical under single numbering |
| 24 | IS/ISO/IEC 23761 : 2021 ISO/IEC 23761: 2021 ISO/IEC 23761: 2021 | Digital publishing EPUB accessibility Conformance and discoverability requirements for EPUB publications | | - | Identical under single numbering |
| 25 | IS/ISO/IEC 2382 : 2015 ISO 2382 -15 : 1985 Reviewed In : 2024 ISO/IEC 2382 : 2015 | Information Technology- Vocabulary (First Revision) | March, 2024 | - | Identical under single numbering |
| 26 | IS/ISO/IEC/TS 30135-1 : 2014 ISO/IEC TS30135-1 : 2014 Reviewed In : 2022 ISO/IEC TS 30135-1 : 2014 | Information Technology — Digital Publishing — EPUB 3 Part 1 EPUB 3 Overview | August, 2022 | - | Identical under single numbering |
| 27 | IS/ISO/IEC/TS 30135-2 : 2014 ISO/IEC TS 30135-2 : 2014 Reviewed In : 2022 ISO/IEC TS 30135-2 | Information Technology — Digital Publishing — EPUB 3 Part 2 Publications | October, 2022 | - | Identical under single numbering |

| | | | | | |
|----|--|---|---------------|---|-------------------------------------|
| | : 2014 | | | | |
| 28 | IS/ISO/IEC/TS 30135-3 : 2014 ISO/IEC TS 30135-3 : 2014 Reviewed In : 2022 ISO/IEC TS 30135-3 : 2014 | Information Technology — Digital Publishing — EPUB 3 Part 3 Content Documents | August, 2022 | - | Identical under single numbering |
| 29 | IS/ISO/IEC/TS 30135-4 : 2014 ISO/IEC TS 30135-4 : 2014 Reviewed In : 2022 ISO/IEC TS 30135- 4 : 2014 | Information Technology — Digital Publishing — EPUB 3 Part 4 Open Container Format | August, 2022 | - | Identical under single numbering |
| 30 | IS/ISO/IEC/TS 30135-5 : 2014 ISO/IEC TS 30135-5 : 2014 Reviewed In : 2022 ISO/IEC TS 30135- 5 : 2014 | Information Technology — Digital Publishing — EPUB 3 Part 5 Media Overlay | August, 2022 | - | Identical under single numbering |
| 31 | IS/ISO/IEC/TS 30135-6 : 2014 ISO/IEC TS 30135-6 : 2014 Reviewed In : 2022 ISO/IEC TS 30135-6 : 2014 | Information Technology — Digital Publishing — EPUB 3 Part 6 EPUB Canonical Fragment Identifier | August, 2022 | - | Identical under single numbering |
| 32 | IS/ISO/IEC/TS 30135-7 : 2014 ISO/IEC TS 30135-7 : 2014 Reviewed In : 2022 ISO/IEC TS 30135- 7 : 2014 | Information Technology — Digital Publishing — EPUB 3 Part 7 EPUB 3 Fixed-Layout Documents | July, 2022 | - | Identical under single numbering |
| 33 | IS/ISO/IEC 5218 : 2004 ISO/IEC 5218 : 2004 Reviewed In : 2022 ISO/IEC 5218 : 2004 | Information Technology Codes for the Representation of Human Sexes | August, 2022 | - | Identical under single numbering |
| 34 | IS/ISO/IEC 9075-1 : 2016 ISO/IEC 9075-1 : 2016 Reviewed In : 2022 ISO/IEC 9075-1 : 2016 | Information Technology Database Language SQL Part 1 Framework (SQL / Framework) | October, 2022 | - | Identical under single numbering |
| 35 | IS/ISO/IEC 9075-13 : 2016 ISO/IEC 9075-13 : 2016 Reviewed In : 2022 ISO/IEC 9075-13 : 2016 | Information Technology Database Languages SQL Part 13 SQL Routines and Types Using the Java™ Programming Language (SQL / JRT) | August, 2022 | - | Identical under single numbering |
| 36 | IS/ISO/IEC 9075-14 : 2016 ISO/IEC 9075-14 : 2016 | Information Technology Database Languages SQL Part 14 XML Related Specifications (SQL / XML) | August, 2022 | - | Identical under single numbering |

| | | | | | |
|----|---|---|---------------|---|-------------------------------------|
| | Reviewed In : 2022 ISO/IEC 9075-14 : 2016 | | | | |
| 37 | IS/ISO/IEC 9579 : 2000 ISO/IEC 9579 : 2000 Reviewed In : 2022 ISO/IEC 9579 : 2000 | Information Technology Remote Database Access for SQL with Security Enhancement | August, 2022 | - | Identical under single numbering |
| 38 | IS/ISO/IEC 9899 : 2018 ISO/IEC 9899 : 2018 Reviewed In : 2022 ISO/IEC 9899 : 2018 | Information Technology — Programming Languages — C | October, 2022 | - | Identical under single numbering |

Standards under Development

Projects Approved

| SI. No. | Doc No. | Title |
|-------------------------|---------|-------|
| <i>No Records Found</i> | | |

Preliminary Draft Standards

| SI. No. | Doc No. | Title |
|-------------------------|---------|-------|
| <i>No Records Found</i> | | |

Drafts Standards in WC Stage

| SI. No. | Doc No. | Title |
|-------------------------|---------|-------|
| <i>No Records Found</i> | | |

Draft Standards Completed WC Stage

| SI. No. | Doc No. | Title |
|-------------------------|---------|-------|
| <i>No Records Found</i> | | |

Finalized Draft Indian Standard

| SI. No. | Doc No. | Title |
|---------|---|---|
| 1 | LITD 15 (21709) | Information Technology Metadata Registries MDR Part 3 Registry Metamodel and Basic Attributes |
| 2 | LITD 15 (22597) Revision of: IS 10680:2016 | Information technology Programming languages Fortran Part 1 Base language First Revision |
| 3 | LITD 15 (22628) Revision of: IS/ISO/IEC 11179:2013 | Information technology Metadata registries MDR Part 3 Metamodel for registry common facilities First Revision |
| 4 | LITD 15 (22629) Revision of: IS/ISO/IEC 9075:2016 | Information Technology Database Languages SQL Part 13 SQL Routines and Types Using the Java™ Programming Language SQL JRT |
| 5 | LITD 15 (22630) Revision of: IS/ISO/IEC 9075:2016 | Information Technology Database Languages SQL Part 14 XML Related Specifications SQL XML |

Finalized Draft Indian Standards under Print

| SI. No. | Doc No. | Title |
|-------------------------|---------|-------|
| <i>No Records Found</i> | | |

Total Published Standards:37 Total Standards Under development:5

Aspect Wise Report

Product : 0
 Code of Practices : 10
 Methods of Test : 0
 Terminology : 1
 Dimensions : 0
 System Standard : 0
 Safety Standard : 0
 Others : 27
 Service Specification : 0
 Process Specification : 0
 Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

| Sl. No. | IS No. & Year | Title |
|---------|---|---|
| 1 | IS 10680 : 1983 ISO 1539: 1980 Reviewed In : 2019 ISO/IEC 1539: 1980 | Programming language - fortran |
| 2 | IS 13250 : 1992 ISO 7846 Reviewed In : 2016 ISO 7846 : 1985 | Industrial real - Time fortran - Application for the control of industrial processes |
| 3 | IS 13396 : 1992 | Database language SQL for Information Processing Systems |
| 4 | IS 13557 (Part 4) : 1993 | Information processing systems-Vocabulary - Part 4 Organization of data |
| 5 | IS 13557 (Part 5) : 1993 | Information processing systems-Vocabulary Part 5 Representation of data |
| 6 | IS 13557 (Part 6) : 1992 ISO 2382-6 Reviewed In : 2015 ISO 2382-6 : 1987 | Information processing systems - vocabulary Part 6 preparation and handling of data |
| 7 | IS 14678 : 1999 | Information Technology - Reference Model of Data Management |
| 8 | IS 16638 (Part 2) : 2018 ISO/IEC 11179-2 : 2005 Reviewed In : 2021 ISO/IEC 11179-2 : 2005 | Information Technology Metadata Registries MDR Part 2 Classification |
| 9 | IS 16638 (Part 4) : 2018 ISO/IEC 11179-4 : 2004 Reviewed In : 2021 ISO/IEC 11179-4 : 2004 | Information Technology Metadata Registries MDR Part 4 Formulation of Data Definitions |
| 10 | IS 1885 (Part 52/Sec 15) : 1986 Reviewed In : 2019 ISO/IEC 2382 : 2015 | Electrotechnical vocabulary Part 52 data processing Sec 15 programming languages |
| 11 | IS 1980 : 1967 | Ceramic Dielectric Capacitors Type 1 |
| 12 | IS/ISO/IEC/TS 30315-7 : 2014 ISO/IEC TS 30135-7 : 2014 | Information Technology Digital Publishing EPUB 3 Part 7 EPUB 3 Fixed-Layout Documents |
| 13 | IS 5361 : 1969 | Polyester film dielectric capacitors for direct current |

| |
|--|
| Annexure-II :List of Indian Product Standards |
|--|

| Sl. No. | IS No. & Year | Title |
|-------------------------|--------------------------|--------------|
| <i>No Records Found</i> | | |