

BUREAU OF INDIAN STANDARDS

Program of Work

LITD 32 : Biometrics

Scope: Standardization of generic biometric technologies pertaining to human beings to support interoperability and data interchange among applications and systems.

Liaison: **ISO/IEC/JTC1 TC- SC-37 (P): Biometrics**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 16464 (Part 1) : 2019 ISO/IEC 19784-1 : 2018 <i>Reviewed In : 2024</i> <i>ISO/IEC</i> <i>19784-1:2018</i>	Information Technology - Biometric Application Programming Interface Part 1 BioAPI Specification	June, 2024	-	Identical under dual numbering
2	IS 16464 (Part 2) : 2016 ISO/IEC 19784-2 : 2007 <i>Reviewed In : 2024</i> <i>ISO/IEC 19784-2 :</i> <i>2007</i>	Information technology - Biometric application programming interface: Part 2 biometric archive function provider interface	June, 2024	1	Identical under dual numbering
3	IS 16464 (Part 4) : 2015 ISO/IEC 19784-4 : 2011 <i>Reviewed In : 2024</i> <i>ISO/IEC 19784-4 :</i> <i>2011</i>	Information technology - Biometric application programming interface: Part 4 biometric sensor function provider interface	June, 2024	1	Identical under dual numbering
4	IS/ISO/IEC 19794-1 : 2011 ISO/IEC 19794-1 : 2011 <i>Reviewed In : 2024</i> <i>ISO/IEC 19794-1 :</i> <i>2011</i>	Information Technology - biometric Data interchange formats part 1 Framework	June, 2024	1	Identical under single numbering
5	IS/ISO/IEC 19794-2 : 2011 <i>Reviewed In : 2024</i> <i>ISO/IEC</i> <i>19794-2:2011</i>	Information Technology - Biometric Data Interchange Formats Part 2 Finger Minutiae Data	June, 2024	-	Identical under single numbering
6	IS/ISO/IEC 19794-3 : 2006 ISO/IEC 19794-3 : 2006	Information Technology - Biometric Data Interchange Formats Part 3 Finger Pattern Spectral Data	January, 2023	-	Identical under single numbering

	Reviewed In : 2023 ISO/IEC 19794-3:2006				
7	IS/ISO/IEC 19794-4 : 2011 ISO/IEC19794-4 : 2011 Reviewed In : 2024 ISO/IEC19794-4 : 2011	Information Technology - Biometric Data Interchange Formats Part 4 Finger Image Data	June, 2024	1	Identical under single numbering
8	IS/ISO/IEC 19794-5 : 2011 ISO/IEC 19794-5 : 2011 Reviewed In : 2024 ISO/IEC 19794-5:2011	Information Technology - Biometric Data Interchange Formats Part 5 Face Image Data	June, 2024	-	Identical under single numbering
9	IS/ISO/IEC 19794-6 : 2011 ISO/IEC 19794-6 : 2011 Reviewed In : 2023 ISO/IEC 19794-6:2011	Information Technology - Biometric Data Interchange Formats Part 6 Iris Image Data	January, 2023	-	Identical under single numbering
10	IS/ISO/IEC 19794-7 : 2014 ISO/IEC 19794-7 : 2014 Reviewed In : 2024 ISO/IEC 19794-7 : 2014	Information Technology - biometric Data interchange formats part 7 Signature/Sign Time Series Data	June, 2024	1	Identical under single numbering
11	IS/ISO/IEC 19794-8 : 2011 ISO/IEC 19794-8 : 2011 Reviewed In : 2024 ISO/IEC 19794-8:2011	Information technology - Biometric data interchange formats: Part 8 finger pattern skeletal data	June, 2024	-	Identical under single numbering
12	IS/ISO/IEC 19794-9 : 2011 ISO/IEC 19794-9 : 2011 Reviewed In : 2024 ISO/IEC 19794-9 : 2011	Information Technology - biometric Data interchange formats part 9 vascular image Data	June, 2024	1	Identical under single numbering
13	IS/ISO/IEC 19794-10 : 2007 ISO/IEC 19794-10 : 2007 Reviewed In : 2024 ISO/IEC 19794-10:2007	Information Technology - Biometric Data Interchange Formats Part 10 hand Geometry Silhouette Data	June, 2024	-	Identical under single numbering
14	IS/ISO/IEC 19794-11 : 2013 ISO/iEC 19794-11 : 2013 Reviewed In : 2024 ISO/IEC 19794-11 : 2013	Information Technology - Biometric Data Interchange Formats Part 11 Signature/Sign Processed Dynamic Data	June, 2024	-	Identical under single numbering

15	IS/ISO/IEC 19794-13 : 2018 ISO/IEC 19794-13 : 2018 Reviewed In : 2023 ISO/IEC 19794-13:2018	Information Technology - Biometric Data Interchange Formats Part 13 Voice Data	January, 2023	-	Identical under single numbering
16	IS/ISO/IEC 19794-14 : 2013 ISO/IEC 19794-14 : 2013 Reviewed In : 2024 ISO/IEC 19794-14:2013	Information technology - Biometric data interchange formats: Part 14 dna data	June, 2024	1	Identical under single numbering
17	IS/ISO/IEC 19794-15 : 2017 ISO/IEC 19794-15 : 2017 Reviewed In : 2023 ISO/IEC 19794-15:2017	Information Technology - Biometric Data Interchange Format Part 15 Palm Crease Image Data	January, 2023	-	Identical under single numbering
18	IS/ISO/IEC 19795-2 : 2007 ISO/IEC 19795-2:2007 Reviewed In : 2024 ISO/IEC 19795-2:2007	INFORMATION TECHNOLOGY BIOMETRIC PERFORMANCE TESTING AND REPORTING PART 2: TESTING METHODOLOGIES FOR TECHNOLOGY AND SCENARIO EVALUATION	June, 2024	-	Identical under single numbering
19	IS/ISO/IEC 19795-3 : 2007 ISO/IEC TR 19795-3:2 Reviewed In : 2024 ISO/IEC TR 19795-3:2	INFORMATION TECHNOLOGY BIOMETRIC PERFORMANCE TESTING AND REPORTING PART 3: MODALITY-SPECIFIC TESTING	June, 2024	-	Identical under single numbering
20	IS/ISO/IEC 19795-4 : 2008 ISO/IEC 19795-4:2008 Reviewed In : 2024 ISO/IEC 19795-4:2008	Information Technology - Biometric performance testing and reporting - part 4: Interoperability performance testing	June, 2024	-	Identical under single numbering
21	IS/ISO/IEC 19795-5 : 2011 ISO/IEC 19795-5:2011 Reviewed In : 2024 ISO/IEC 19795-5:2011	Information Technology - Biometric performance testing and reporting - part 5: Access control scenario and grading scheme	June, 2024	-	Identical under single numbering
22	IS/ISO/IEC 19795-6 : 2012 ISO/IEC 19795-6:2012 Reviewed In : 2024 ISO/IEC 19795-6:2012	Information Technology - Biometric performance testing and reporting - part 6: Testing methodologies for operational evaluation	June, 2024	-	Identical under single numbering
23	IS/ISO/IEC 19795-7 : 2011 ISO/IEC	Information Technology - Biometric performance testing and reporting - part 7: Testing of on-	June, 2024	-	Identical under single numbering

	19795-7:2011 Reviewed In : 2024 ISO/IEC 19795-7:2011	card biometric comparison algorithms			
24	IS/ISO/IEC/TS 19795-9 : 2019 ISO/IEC/TS 19795-9:2019 Reviewed In : 2024 ISO/IEC/TS 19795-9:2019	Information technology Biometric performance testing and reporting Part 9: Testing on mobile devices	June, 2024	-	Identical under single numbering
25	IS/ISO/IEC 24779-5 : 2020 ISO/IEC 24779-5:2020 Reviewed In : 2024 ISO/IEC 24779-5:2020	Information technology Cross-jurisdictional and societal aspects of implementation of biometric technologies Pictograms icons and symbols for use with biometric systems Part 5: Face applications	June, 2024	-	Identical under single numbering
26	IS/ISO/IEC 29109-1 : 2009 ISO/IEC 29109-1 : 2009 Reviewed In : 2024 ISO/IEC 29109-1 : 2009	Information Technology - Conformance testing Methodology for Biometric Data Interchange Formats Defined in ISO/IEC 19794 Part 1 Generalized Conformance Testing Methodology	June, 2024	1	Identical under single numbering
27	IS 29109 (Part 2) : 2010 ISO/IEC 29109-2:2010 Reviewed In : 2024 ISO/IEC 29109-2:2010	Information Technology - Conformance Testing Methodology for Biometric Data Interchange Formats Defined in ISO/IEC 19794 Part 2 Finger Minutiae Data	June, 2024	-	Identical under single numbering
28	IS/ISO/IEC 29109-4 : 2010 ISO/IEC 29109-4 : 2010 Reviewed In : 2024 ISO/IEC 29109-4:2010	Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794: Part 4 finger image data	June, 2024	1	Identical under single numbering
29	IS/ISO/IEC 29109-5 : 2019 ISO/IEC 29109-5 : 2019 Reviewed In : 2024 ISO/IEC 29109 : Part 5 : 2019	Information Technology — Conformance Testing Methodology for Biometric Data Interchange Formats Defined in ISO / IEC 19794 Part 5 Face Image Data (First Revision)	June, 2024	-	Identical under single numbering
30	IS/ISO/IEC 29109-6 : 2011 ISO/IEC 29109-6 : 2011 Reviewed In : 2024 ISO/IEC 29109-6 : 2011	Information Technology - Conformance Testing Methodology for Biometric Data Interchange Formats Defined in ISO/IEC 19794 Part 6 Iris Image Data	June, 2024	-	Identical under single numbering
31	IS/ISO/IEC 29109-7 : 2011 ISO/IEC 29109-7 : 2011 Reviewed In : 2024 ISO/IEC 29109-7 :	Information Technology - Conformance Testing Methodology for Biometric Data Interchange Formats Defined in ISO/IEC 19794 Part 7 Signature/Sign Time Series Data	June, 2024	-	Identical under single numbering

	2011				
32	IS/ISO/IEC 29109-8 : 2011 ISO/IEC 29109-8 : 2011 Reviewed In : 2024 ISO/IEC 29109-8 : 2011	Information technology - Conformance Testing Methodology For Biometric Data Interchange Formats Defined in ISO/IEC 19794 Part 8 Finger Pattern Skeletal Data	June, 2024	-	Identical under single numbering
33	IS/ISO/IEC 29109-9 : 2011 ISO/IEC 29109-9 : 2011 Reviewed In : 2024 ISO/IEC 29109-9 : 2011	Information Technology - Conformance Testing Methodology for Biometric Data Interchange Formats Defined in ISO/IEC 19794 Part 9 vascular image Data	June, 2024	-	Identical under single numbering
34	IS/ISO/IEC 29109-10 : 2010 ISO/IEC 29109-10 : 2010 Reviewed In : 2024 ISO/IEC 29109-10 : 2010	Information Technology - Conformance Testing Methodology for Biometric Data Interchange Formats Defined in ISO/IEC 19794 Part 10 Hand Geometry Silhouette Data	June, 2024	-	Identical under single numbering
35	IS/ISO/IEC 29141 : 2009 ISO/IEC 29141:2009 Reviewed In : 2024 ISO/IEC 29141:2009	Information technology Biometrics Tenprint capture using biometric application programming interface BioAPI	June, 2024	-	Identical under single numbering
36	IS/ISO/IEC/TR 29196 : 2018 ISO/IEC TR 29196 : 2018 Reviewed In : 2023 ISO/IEC TR 29196:2018	Information Technology - Guidance for Biometric Enrolment	January, 2023	-	Identical under single numbering
37	IS/ISO/IEC 29197 : 2015 ISO/IEC 29197:2015 Reviewed In : 2024 ISO/IEC 29197:2015	Information technology Evaluation methodology for environmental influence in biometric system performance	June, 2024	-	Identical under single numbering
38	IS/ISO/IEC 30106-1 : 2016 ISO/IEC 30106-1:2016 Reviewed In : 2024 ISO/IEC 30106-1:2016	Information technology Object oriented BioAPI Part 1: Architecture	June, 2024	-	Identical under single numbering
39	IS/ISO/IEC 30106-2 : 2020 ISO/IEC 30106-2:2020 Reviewed In : 2024 ISO/IEC 30106-2:2020	Information technology Object oriented BioAPI Part 2: Java implementation	June, 2024	-	Identical under single numbering
40	IS/ISO/IEC 30106-3 : 2020 ISO/IEC 30106-3:2020 Reviewed In : 2024 ISO/IEC	Information technology Object oriented BioAPI Part 3: C implementation	June, 2024	-	Identical under single numbering

	30106-3:2020				
41	IS/ISO/IEC 30106-4 : 2019 ISO/IEC 30106-4:2019 Reviewed In : 2024 ISO/IEC 30106-4:2019	Information technology Object oriented BioAPI Part 4: C implementation	June, 2024	-	Identical under single numbering
42	IS/ISO/IEC 30107-1 : 2016 ISO/IEC 30107-1:2016 Reviewed In : 2024 ISO/IEC 30107-1:2016	Information technology Biometric presentation attack detection Part 1: Framework	June, 2024	-	Identical under single numbering
43	IS/ISO/IEC 30107-2 : 2017 ISO/IEC 30107-2:2017 Reviewed In : 2024 ISO/IEC 30107-2:2017	Information technology Biometric presentation attack detection Part 2: Data formats	June, 2024	-	Identical under single numbering
44	IS/ISO/IEC 30107-4 : 2020 ISO/IEC 30107-4:2020 Reviewed In : 2024 ISO/IEC 30107-4:2020	Information technology Biometric presentation attack detection Part 4: Profile for testing of mobile devices	June, 2024	-	Identical under single numbering
45	IS/ISO/IEC 30108-1 : 2015 ISO/IEC 30108-1:2015 Reviewed In : 2024 ISO/IEC 30108-1:2015	Information technology Biometric Identity Assurance Services Part 1: BIAS services	June, 2024	-	Identical under single numbering
46	IS/ISO/IEC/TR 30125 : 2016 ISO/IEC TR 30125:2016 Reviewed In : 2024 ISO/IEC TR 30125:2016	Information technology Biometrics used with mobile devices	June, 2024	-	Identical under single numbering
47	IS/ISO/IEC 30136 : 2018 ISO/IEC 30136:2018 Reviewed In : 2024 ISO/IEC 30136:2018	Information technology Performance testing of biometric template protection schemes	June, 2024	-	Identical under single numbering
48	IS/ISO/IEC 39794-1 : 2019 ISO/IEC 39794-1:2019 Reviewed In : 2024 ISO/IEC 39794-1:2019	Information technology Extensible biometric data interchange formats Part 1: Framework	June, 2024	-	Identical under single numbering
49	IS/ISO/IEC 39794-4 : 2019 ISO/IEC 39794-4:2019	Information technology Extensible biometric data interchange formats Part 4: Finger image data	June, 2024	-	Identical under single numbering

	Reviewed In : 2024 ISO/IEC 39794-4:2019			
50	IS/ISO/IEC 39794-5 : 2019 ISO/IEC 39794-5:2019 Reviewed In : 2024 ISO/IEC 39794-5:2019	Information technology Extensible biometric data interchange formats Part 5: Face image data	June, 2024	- 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
1	LITD 32 (22485)	Information Technology Vocabulary Part 37 Biometrics
2	LITD 32 (22486)	Information Technology Biometric Performance Testing and Reporting Part 1 Principles and Framework
3	LITD 32 (22487)	Information Technology Cross-Jurisdictional and Societal Aspects of Implementation of Biometric Technologies Pictograms Icons and Symbols for use With Biometric Systems Part 1 General Principles
4	LITD 32 (22488)	Information Technology Cross-Jurisdictional and Societal Aspects of Implementation of Biometric Technologies Pictograms Icons and Symbols for use With Biometric Systems Part 4 Fingerprint Applications
5	LITD 32 (22489)	Information Technology Cross-Jurisdictional and Societal Aspects of Implementation of Biometric Technologies Pictograms Icons and Symbols for use With Biometric Systems Part 9 Vascular Applications

Finalized Draft Indian Standard

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

Finalized Draft Indian Standards under Print

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

Total Published Standards:50 Total Standards Under development:5

Aspect Wise Report

Product : 0
Code of Practices : 0
Methods of Test : 19
Terminology : 0
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 31
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
<i>No Records Found</i>		

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
<i>No Records Found</i>		