***भारतीय मानक***

***सूचान प्रौद्योगिकी—***

***बॉयोमीट्रिक प्रदर्शन परीक्षण और रिपोर्टिंग— भाग 1: सिद्धांत और ढांचा***

***Indian Standard***

***Information Technology —***

***Biometric Performance Testing and Reporting —***

***Part 1: Principles and Framework***

**ICS: 35.240.15**

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LITD 32 Biometrics Sectional Committee

**NATIONAL FOREWORD**

This Indian Standard (Part 1) which is identical with ISO/IEC 19795-1:2021 ‘Information Technology — Biometric Performance Testing and Reporting — Part 1: Principles and Framework’ issued by the International Organization for Standardization (ISO) and International Electrotechnical Commission (IEC) was adopted by the Bureau of Indian Standards on the recommendation of the Biometrics Sectional Committee and approval of the Electronics and Information Technology Division Council.

Other parts in this series are:

Part 2: Testing Methodologies for Technology and Scenario Evaluation

Part 3: Modality-Specific Testing

Part 4: Interoperability performance testing

Part 5: Access control scenario and grading scheme

Part 6: Testing methodologies for operational evaluation

Part 7: Testing of on-card biometric comparison algorithms

Part 9: Testing on mobile devices

The text of ISO/IEC Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following:

1. Wherever the words ‘International Standard’ appears referring to this standard, they should be read as ‘Indian Standard’.
2. Comma (,) has been used as a decimal marker while in Indian Standards, the current

 Practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standard also exist. The corresponding Indian Standard which is to be substituted in its respective place is listed below along with its degree of equivalence for the edition indicated. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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| **International Standard** | **Corresponding Indian Standard** | **Degree of Equivalence** |
| ISO/IEC 2382-37, Information technology — Vocabulary — Part 37: Biometrics | IS/ISO/IEC 2382-37:2022 Information technology — Vocabulary — Part 37: Biometrics (Under Development as Doc.No. LITD/32/22485) | Identical withISO/IEC 2382-37:2022 |

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2:2022 ‘Rules for rounding off numerical values (Second Revision)’. The number of significant places retained in the rounded off value should be same as that of the specified value in this standard.