

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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मसौदा भारतीय मानक
सीखने, शिक्षा और प्रशिक्षण के लिए सूचना प्रौद्योगिकी —
लर्निंग एनालिटिक्स इंटरऑपरेबिलिटी —
भाग 4: गोपनीयता और डेटा सुरक्षा नीतियां

Draft Indian Standard

**Information Technology for Learning,
Education and Training —
Learning Analytics Interoperability —
Part 4: Privacy and Data Protection Policies**

ICS 03.100.30; 03.180; 35.240.90

NATIONAL FOREWORD

(Formal clauses to be added later)

This draft Indian Standard (Part 4) which is identical with ISO/IEC TS 20748-4:2019 ‘Information technology for learning, education and training — Learning analytics interoperability — Part 4: Privacy and data protection policies’ issued by International Organization for Standardization (ISO) and International Electro technical Commission (IEC) jointly, will be adopted by the Bureau of Indian Standards (BIS) on the recommendations of the E-Learning Sectional Committee, and approval of the Electronics and Information Technology Division Council.

The text of the ISO/IEC Standard *may be* approved as suitable for publication as an Indian Standard with the agreed modifications as indicated below. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.

b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

Clause/Subclause	Modifications
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3.19	The following new sub-clause is added: “Virtualized Learning Environment (VLE) - Virtualized Learning Environment (VLE) is a digital platform used in an education system facilitated by an Institution for teaching and learning, where Teachers and Learners are connected through computers or mobile devices”
4	Abbreviations added as: “VLE” – Virtualized Learning Environment” “DPDPA” – Digital Personal Data Protection Act
5.4	Table 1 Privacy principles defined in international frameworks has been modified and privacy principles as per the Digital Personal Data Protection Act, 2023 (DPDP Act) have been added in the document
7.2.3	The following statement is added: “Capturing of the digital resources used by a Learner, which are not provided by the Institution is a challenge”

- 7.3.4 The following statement is added:
“The privacy and data protection policies imposed and consents on Learning Analytics (LA) should be transparent and disclosed to all Personal Identifiable Information (PII) actors as “Terms and conditions” in the platform at the time of registration”
- 7.4 The following statement is added:
“Conformance has to be ensured to the applicable Act/Rule. In case violation happens, the Institution/an Individual may be liable under the applicable statute”

Scope of ISO/IEC TS 20748-4:2019

This document specifies privacy and data protection requirements and attributes to inform design of learning analytics systems and learning analytics practices in schools, universities, workplace learning and blended learning settings.

NOTE: The technical content of the document has not been enclosed as it is identical with the corresponding ISO/IEC standard. Please refer the corresponding ISO/IEC TS 20748- 4:2019 or kindly contact:

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