

**BUREAU OF INDIAN STANDARDS**  
**DRAFT FOR COMMENTS ONLY**

(Not to be reproduced without the permission of BIS or used as an Indian Standard)

*Draft Indian Standard*

**Information technology — Artificial intelligence (AI) — Bias in AI  
systems and AI aided decision making**

---

*मसौदा भारतीय मानक*

सूचना प्रौद्योगिकी - आर्टिफिशियल इंटेलिजेंस (एआई) - एआई सिस्टम और एआई सहायक  
युक्त निर्णय लेने में बायसि

*ICS 35.020*

---

LITD 30 Artificial Intelligence

| **Last date for comments: 20 April 2022.**

**NATIONAL FOREWORD**

(Formal clauses will be added later)

This Draft Indian Standard is identical with ISO/IEC TR 24027:2021 'Information technology Artificial intelligence (AI) — Bias in AI systems and AI aided decision making'

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:

- a) Wherever the words 'International Standard' appears 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.

The technical committee has reviewed the provisions of the following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard.

<i>International Standard</i>	<i>Title</i>
ISO/IEC 22989	Information technology — Artificial intelligence — Artificial intelligence concepts and terminology
ISO/IEC 23053	Framework for Artificial Intelligence (AI) Systems Using Machine Learning (ML)

---

**Scope of ISO/IEC TR 24027:2021 is as follows :**

“This document addresses bias in relation to AI systems, especially with regards to AI-aided decision-making. Measurement techniques and methods for assessing bias are described, with the aim to address and treat bias-related vulnerabilities. All AI system lifecycle phases are in scope, including but not limited to data collection, training, continual learning, design, testing, evaluation and use.”

**Note:** - The Technical content of this document has not been enclosed as these are identical with the corresponding ISO/IEC Standard. For details please refer to ISO/IEC TR 24027:2021 or kindly contact.

Head  
Electronics & IT Department  
Bureau of Indian Standards  
9, B.S. Zafar Marg,  
New Delhi-110002  
Email: hlitd@bis.gov.in, litd30@bis.gov.in  
Tele: 011-23608235