

Khmer Braille Translation Machine — AI Translation of Khmer Text into Braille for Blind Students in Phnom Penh

AI in Education · Good practice · Cambodia

Quality score: 53/100

Evidence strength: Descriptive / self-reported

Summary

A free web tool built by Cambodia's CADT/IDRI with the National Institute for Special Education and Krousa Thmey Foundation machine-translates Khmer text and mathematical notation into Khmer Braille, automating manual transcription — and won gold at the 2025 ASEAN Digital Awards.

Key dimensions

Dimension	Score
Evidence of learning impact	1/3
Equity & inclusion	3/3
Transparency, ethics & data protection	2/3
Teacher capability & pedagogy	1/3
Scalability & sustainability	1/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-07-12

[Cambodia Academy of Digital Technology \(CADT\) / Institute of Digital Research and Innovation \(IDRI\) / National Institute for Special Education \(NISE\) / Krousa Thmey Foundation](#) — accessed 2026-07-12

[Phnom Penh Post: Khmer-to-Braille translation app wins gold in Thailand \(Jan 2025\)](#) — accessed 2026-07-12

[CADT: Machine Translation for Khmer Braille wins gold medal in the Cambodia Public Innovation Award 2025](#) — accessed 2026-07-12

[UNESCO: Cambodia launches AI Readiness Assessment Report to guide ethical and inclusive digital transformation](#) — accessed 2026-07-12

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