

A Validated AI-Literacy Scale and Professional-Development Programme for Pre-Service Teachers in the West Bank

AI in Education · Good practice · Palestine, State of

Quality score: 53/100

Evidence strength: Observational / pre–post

Summary

A professional-development programme for 37 pre-service teachers at Palestine Technical University Kadoorie and Hebron University used a validated AI-literacy scale and found significant pretest-to-posttest gains, with no differential effect by gender or specialty (2024).

Key dimensions

Dimension	Score
Evidence of learning impact	2/3
Equity & inclusion	2/3
Transparency, ethics & data protection	0/3
Teacher capability & pedagogy	3/3
Scalability & sustainability	1/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-09-09

[Palestine Technical University Kadoorie](#) — accessed 2026-09-09

[Bilal Younis — PTUK faculty page](#) — accessed 2026-09-09

[Journal of Digital Learning in Teacher Education](#) — accessed 2026-09-09

[ERIC record \(EJ1434278\)](#) — accessed 2026-09-09

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