

# IRA INTERNATIONAL JOURNAL OF EDUCATION AND MULTIDISCIPLINARY STUDIES

(A scholarly peer reviewed and refereed publication of Institute of Research Advances)

ISSN 2455–2526 Vol.02, Issue 01 (January 2016)

## A study of the education technologies

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### Abstract

While a few specialists — like troublesome development master Clayton Christensen—trust that new advances will significantly change instructive models, others are taking a more wary position, contending that the approach of radio or TV had raised comparable hypotheses. The jury is still out. In the interim, we can recognize channels through which new innovations can enhance instruction frameworks. The OECD report *Students, Computers and Learning: Making the Connection* has hosed eagerness in a few quarters. It found that PC use in school was not methodically connected with enhanced learning results in OECD nations, and one key message is that availability and instructive programming supplement direction when pedagogical methodologies and instructors as of now advance understudy drove learning and encourage basic considering.

**Keywords:** Education, technology, e learning, education technology

### Discussion

ADB's late report *A Smarter Future: Skills, Education, and Growth in Asia* highlights a few intriguing illustrations. In the People's Republic of China for occurrence, instructive PC diversions in arithmetic and English were utilized to supplement conventional classroom learning for offspring of vagrant specialists, and this prompted a noteworthy increment in understudy math scores. In India, a minimal effort, PC helped learning program additionally raised math scores amid the mediation.

New innovations absolutely hold extraordinary potential to:

Improve productivity. Mixed learning takes into consideration a more productive use of educating time. Additionally, the rise of recreation apparatuses and 3D programming is offering understudies better some assistance with visualizing forms while likewise controlling expenses. Some specialized and professional preparing establishments are presently utilizing recreation programming as a part of courses, for example, welding.

Expand access to instruction. In the University of the South Pacific, an ADB-upheld program permits understudies from remote islands to go to professional and college programs through

innovation empowered separation learning. The Philippines' Technical Education and Skills Development Authority (TESDA) now offers a scope of open online courses on e- TESDA.

Advantage educators, as well. In Asia alone, activities are increasing to give locally applicable pedagogical material to teachers. The Vietnam Open Educational Resources stage references lesson units for instructors to download and adjust. In (Thailand Cyber University Project) and Malaysia (Wawasan Open University), stages with open online courses—including for instructors—are rising, along these lines growing their expert improvement opportunities.

Usher in new pedagogical methodologies. Exceptionally compelling is the rise of versatile learning programming, which incorporates input on understudies' advancement to alter learning pathways. Numerous such apparatuses are at present being worked on with shifting levels of refinement, for example, ALEKS, Knewton, SmartSparrow or RealizeIt.

Frankly, a considerable lot of these energizing new conceivable outcomes are not yet sponsored by hard proof, given the lack of effect assessment thinks about on the point. While this calls for alert, it ought not keep us down completely. Some managing standards can guarantee the significance of intercessions advancing new advances in instruction:

Clear up what new advancements are relied upon to accomplish inside of a given program. Whether they are required to reinforce learning results, widen access to training or build proficiency, we should remember that new advances remain an unfortunate obligation, and can just encourage change in the event that they are a piece of a more extensive arrangement of rational mediations. Presenting new instructional programming in schools, for occurrence, won't all alone achieve change in pedagogical methodologies – educational module, showing practices, and evaluation frameworks need to develop too.

Guarantee understudies and instructors are locked in. The end clients of instructive programming are understudies and instructors. Gamification for instance is regularly hailed as a decent approach to connect with understudies. Guaranteeing this impact persevere over the long haul however (once oddity has blurred), remains a test. In creating nation settings, instructors are now and then acquainted with the Internet in the meantime as their understudies and are immediately outpaced by them. Programming arrangements should be driven by end clients' capacities and hobbies, not by charming specialized potential outcomes.

Embrace proper innovative arrangements. Whether to build up an item starting with no outside help or to utilize existing arrangements relies on upon connections. Components to consider incorporate nearby specialized limit, improvement costs, expenses of ensuing overhauls, customization potential, client consideration, and interoperability with different frameworks. The key is to dodge inefficient duplication of endeavors and guarantee supportability in the medium to long run.

Set up solid observing and assessment frameworks. We are as yet working out how new advancements can best add to instruction. Policymakers and experts ought to expect a specific measure of tweaking and changes in transit. This requires strong checking and assessment frameworks to give criticism, not just on what is working and what is isn't, additionally on how results are accomplished so effective projects can be replicated

## References

- American Association of Colleges of Nursing. (2000). Distance technology in nursing education: Assessing a new frontier. *Journal of Professional Nursing*,16(2), 116-122.
- Beetham, H., & Sharpe, R. (2013). *Rethinking pedagogy for a digital age: Designing for 21st century learning*. routledge.
- Berge, Z. L., & Collins, M. P. (Eds.). (1995). *Computer mediated communication and the online classroom: distance learning*. Cresskill: Hampton press.
- Bonk, C. J. (2009). *The world is open: How web technology is revolutionizing education*. John Wiley & Sons.
- Conole, G., & Dyke, M. (2004). What are the affordances of information and communication technologies?. *Association for Learning Technology Journal*,12(2), 113-124.
- Fernandez, F., De Lima, M., Osório D'Andr, J., & Da Rocha Júnior, V. (2015). The Cloud University Strategy. *Scholedge International Journal Of Multidisciplinary & Allied Studies* ISSN 2394-336X, 2(11), 8-28. doi:http://dx.doi.org/10.19085/journal.sijmas021102
- Friedman, M. (1997). Public schools: Make them private. *Education Economics*, 5(3), 341-344.
- Friga, P. N., Bettis, R. A., & Sullivan, R. S. (2003). Changes in graduate management education and new business school strategies for the 21st century. *Academy of Management Learning & Education*, 2(3), 233-249.
- Ginsburg, G. S., & McCarthy, J. J. (2001). Personalized medicine: revolutionizing drug discovery and patient care. *TRENDS in Biotechnology*,19(12), 491-496.
- Gumport, P. J., & Chun, M. (1999). *Technology and higher education: Opportunities and challenges for the new era*. National Center for Postsecondary Improvement, Stanford University, School of Educaiton.
- Kellner, D. (2000). New technologies/new literacies: Reconstructing education for the new millennium. *Teaching Education*, 11(3), 245-265.
- Kohli, D., Bandhopadhyay, M., & Kohli, M. (2015). Public private partnership in education an impactful means of promoting skill development and inclusive growth in India. *Scholedge International Journal Of Multidisciplinary & Allied Studies* ISSN 2394-336X, 2(5), 21-35
- Lemberg, D., & Stoltman, J. P. (1999). Geography teaching and the new technologies: Opportunities and challenges. *Journal of Education*, 63-76.
- Peck, K. L., & Dorricott, D. (1994). Why use technology?. *Educational Leadership*, 51, 11-11.
- Reiser, R. A. (2001). A history of instructional design and technology: Part I: A history of instructional media. *Educational technology research and development*, 49(1), 53-64.

Rose, D., & Meyer, A. (2000). *The Future Is in the Margins: The Role of Technology and Disability in Educational Reform*.

Russell, T. L. (1999). *The no significant difference phenomenon: A comparative research annotated bibliography on technology for distance education: As reported in 355 research reports, summaries and papers*. North Carolina State University.

Snyder, I., & Joyce, M. (1998). *Page to screen: Taking literacy into the electronic era*. Psychology Press.

Spotts, T. H. (1999). Discriminating factors in faculty use of instructional technology in higher education. *Educational Technology & Society*, 2(4), 92-99.

Strommen, E. F., & Lincoln, B. (1992). Constructivism, technology, and the future of classroom learning. *Education and Urban Society*, 24(4), 466-476.