Abstract

In a traditional and rich society like in Oman, higher education offers several unique circumstances that suggest that, curriculum delivery using blended learning is a rational choice. The purpose of this study was to identify the factors affecting blended learning adoption and whether learning process was predictive in its adoption process at College of Applied Sciences (CAS) in Oman. The present study adopted quantitative approach that was aimed to examine the effect of students learning process and students learning style on blended learning. The findings of this study revealed that in particular, the Competitive and Facilitator style significantly mediated the relationship of User Acceptance of Technology and Blended Learning adoption. Further, the demographic factors like student's gender, age and computer experience does also significantly influenced the blended learning adoption. Blended learning design in the theoretical framework may enhance the interactions in learning environment and effective learning can be promoted through greater flexibility which may also allow the use of various learning styles.

References

the Internet and US college students. Internet and Higher Education, 11, 165–177.
  Invariance Analysis in the Context of Acceptance and Use of Online Community Weblog
  learning in higher education: Students’ perceptions and their relation to outcomes.
  023
- Lynch, T. G., Steele, D. J., Johnson Palensky, J. E., Lacy, N. L. and Duffy, S. W.
  2001. Learning preferences, computer attitudes, and test performance with computer-aided
- Lynch, T. G., Woelfl, N. N., Steele, D. J. and Hanssen, C. S. (1998),
  Learning style influences student examination performance. American Journal of
- McCray, G. E. 2000. The hybrid course: Merging on-line instruction and the traditional
  classroom. Information Technology and Management, 1, 307-327.
- Patton, M. Q. 1990. Qualitative evaluation and research methods. 2nd ed. Newbury
  Park, CA: Sage
  ResearchCenter for Educational Technology, 5(1), 4-14.
research-and-publications/books/educating-net-generation/technology-and-learning-expectatio
s-net-generation
- Ross, B. and Gage, K. 2006. Global perspectives on blending learning: Insight from
  WebCT and our customers in higher education. In Bonk, C. J. and Graham, C. R. (Eds.),
  Handbook of blended learning: Global perspectives, local designs, San Francisco, CA: Pfeiffer
- Sharples, M. 2005. Learning as conversation: Transforming Education in the
uk/sharplem/Papers/Theory%20of%20learning%20Budapest. pdf
- Stacey, E. and Gerbic, P. 2009. Introduction to blended learning practices. In: Stacey,
  E. & Gerbic, P. (Eds.), Effective blended learning practices: evidence-based in perspectives in
  ICT-facilitated education, Hershey, PA: IGI Global.
  interaction in web-based education: A program-level case study of online MBA courses. J.
  Interactive Online Learning, 4, 1-18.
- Umran-Khan, F. and Iyer, S. 2009. ELAM: A model for acceptance and use of
Development of Blended Learning Model based on the Perceptions of Students at Higher Education Institutes in Oman


Index Terms

Computer Science
Information Science

Keywords

e-Learning    blended learning design    student learning styles    behavioural intention.