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e-Adoption of Smart Learning in Higher Education

ABSTRACT

e-Adoption is essentially focused in 21st century around the globe as individuals and all sorts of organizations have adopted the world wide web and other web-based technologies for daily, learning and business activities. The evolution of web and online technologies, and swift emergence of smart devices have changed the learning environments. Smart learning has transpired as novel paradigm which have facilitated anytime, anywhere learning. The traditional features and environment of e-Learning have been unsuccessful to gauge the innovative features of recently emerged learning environments and resultantly, have ascertained the need of adoption of new patterns of smart learning so that educational needs of organizations and learning needs of technology-oriented learners may be fulfilled. For proposing an appropriate means of successful e-Adoption, this research study enlightens the characteristics of smart learning. This study also amasses the opinions and perceptions of university faculty members regarding acceptance of smart learning in their higher education institutions. Four components of smart learning, derived from distinctive features of e-Learning, mobile learning & ubiquitous learning, are mobility, interactivity, personalization, and collaboration. Technology Acceptance

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Model (TAM) is utilized for measuring the intentions of university faculty regarding e-Adoption of smart learning. These features of smart learning differently impact on, i) perceived usefulness (PU) and ii) perceived ease of use (PEOU) of smart technologies in higher education. Mobility, interactivity, and personalization have significant relationship with PU and PEOU. Data is analyzed using structural equation Modeling (SEM). The analysis presents effective direction and support for e-Adoption of smart learning in higher education.

Key Words: *e-Adoption, smart learning, ubiquitous learning, mobile learning, social learning, Technology acceptance model, higher education.*