

## Documents

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**IoT theme for smart datamining-based environment to unify distributed learning management systems**

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**Abstract**

The trend of using Internet of things (IoT) as a framework to improve monitoring and evaluating distributed digital data recourses over a network channel is greatly growing with preposterous positive impact. This paper investigates the deployment of the Internet of things to e-learning systems adopted by educational institutions with multi-campus in different locations using separate e-learning platforms. The paper proposes a new smart superior virtual learning environment comes on top of the academic virtual leaning distributed environments hierarchy to interact and collect big data related to the academic process. The data will be classified and analyzed using associative classification method in order to build accommodative knowledge to take actions accordingly. The smart system with protected auto-run feature aims to upgrade the level of e-monitoring and e-evaluation in order to escalate the student's academic performance applying quality assurance rules and concepts that help in unifying and assuring academic different processes. © 2018 IEEE.

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