# ABSTRACT

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**Topic:**

Communication and Information Technologies for Self-Driven Interest-Based Adaptive Learning in Electrical Engineering

In this paper we discuss the use of communications and internet technologies (CIT) in a self-driven interest-based adaptive learning (SDIBAL) environment. The paper is, to some extent, focused on electrical engineering studies, even though the concepts under discussion can be easily adapted to other subjects. The main goals of this work are to 1) explain the SDIBAL concept, 2) illustrate how CIT can be used to implement a working SDIBAL system, and 3) show how SDIBAL can provide excellent matching between the qualities of the graduates and those required by the job market. The very idea of SDIBAL can be debatable among the different parties that are involved in educational processes. Hence, fine details of the proposed system are not included here. The brief idea that is presented in this paper is believed to help in steering the directions of future research on the issue towards the most influential areas of using SDIBAL as a successful candidate educational system.