A Proposed Framework for Employing Flipped Learning Strategy in Developing the Programming Skills of Students Computer Teachers

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Abstract

Modern educational trends emphasize the need to keep pace with the educational systems to the requirements and needs of the age, as well as the requirements of the future expected to occur, and the methods of modern education in order to prepare people to live in this world.

Flipped Learning is a modern technology solution to address the weakness of traditional learning and to develop the level of students' thinking skills. Inverted learning is a teaching strategy that involves the use of technology to take advantage of learning in the learning process so that the teacher can spend more time interacting, Chapter instead of lecturing

In this research researcher found a sample of 50 students study preparing of computer teacher field at the facility of specific education at Damietta University that found difficulties in learning programing, then she apply the flipped learning with them to improve their levels in programming skills, the consistent flipped learning model is proposed by incorporating the
highlights of versatile and remote correspondence innovations into the flipped classroom model to give a manual for scientists and instructors to create powerful flipped learning exercises and plans for helping understudies learn flawlessly crosswise over settings.

References


4. Bergmann, J., & Sams, A. (2012). Flip your classroom: Reach every student in every class every day. OR: International Society for Technology in Education


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Keywords