Abstract

The main goal of this paper was to indicate the possible use of a specific model of e-learning for computer science teachers in Serbia. Taking this aim into account, the authors accurately indicated the subject of the proposed research: development of a model system for the implementation of e-learning for the level of higher education in Serbia for teachers, with a special emphasis on informatics education. This e-learning model indicates equal participation of major areas of information technology and pedagogy and teaching methodology, pedagogy, ICT and media.

The proposed research subject is of high importance in the development of the education system in Serbia and as such is adapted to the needs of a knowledge society and to realize the scientific contribution to the subject area. This work represents a good starting point for further work and continuing research presented, referring to the concrete results of research by the author.

Keywords: e-learning model, methods, informatics

Introduction

E-learning has been present as facilitated learning and increased use of information and communication technology for about fifteen years. E-learning and the interactive approach allow students to easily master the curriculum, learn by experimentation, simulation of the execution of a particular process, or simply check the knowledge and facilitate communication between teachers and students. Modern teaching and e-learning are conducive to the development of abstract