

Название публикации:

The Knowledge Management System Development for Smart Education

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Аннотация:

This paper is devoted to solving a problem of improving the content of education and instructional materials used. The digital technologies are developing so fast that the engineering aspects of application and scientific investigations start blurring the aspects associated with the methodology and content of smart learning. The need for development of digital economy places severe requirements not only upon know-how, but also upon the content of smart learning, i.e., the content of educational courses shall be a reflection of professional activity. The techniques and methods of knowledge management can provide for a desired rate and quality of development of educational materials. This paper describes a knowledge management system which employs intelligent database, network and co-authorship instruments to insure the compliance of the content being developed with the requirements of digital economy and fills out the smart learning with a qualitative content. © 2018 IEEE.

Ключевые слова:

Curricula, Intelligent databases, Knowledge based systems, Knowledge management, Metadata, Quality management, Security of data, Technology transfer