

## DEVELOPING THE PEDAGOGICAL COMPETENCE OF FUTURE TEACHERS USING WEB-BASED TECHNOLOGIES IN SELF-STUDY

**Khodjiboy Atadjanov\***

\*Senior Lecturer,  
Department of Distance Learning in Exact and,  
Natural Sciences of Nukus State Pedagogical Institute,  
Samarkand, UZBEKISTAN

**DOI: 10.5958/2249-7137.2021.02454.X**

---

### ABSTRACT

*The purpose of this article is to discuss how web technologies can be used to organize and improve autonomous learning for university students. It's made to help students improve their self-study skills and learn more effectively. The usefulness of modern web technologies' capabilities has been demonstrated. Among these, the conduct and management of distant learning receive special attention. Students should develop web-based abilities, according to the article, which also includes the legal and organizational foundations for its operation as well as the findings of research in this sector. Based on the study's findings, the article makes recommendations.*

**KEYWORDS:** *Individual Work, Internet Technologies, Web Technologies.*

---

### REFERENCES

1. Pidkasisty PI. Organisation of learning and cognitive activity of students. Moscow: Pedagogical Society of Russia, 2005. p.144.
2. Arkhangelski S I. The learning process in higher education. 1980. p.369.
3. Moghlan DV. Methodological aspects of using Web 2.0 services in blended learning. Open education. 2018;22(1).
4. Napalkov S.V. Thematic educational Web Quests as a means of developing the cognitive independence of students in teaching algebra in the main school. dis. Cand. Ped. Sciences. Mordovian State Pedagogical Institute. M.E. Eusevieva. Saransk, 2013. 166 p.
5. Zakaria MH. E-learning 2.0 experiences within higher education: theorizing students' and teachers' experiences in web 2.0 Learning. Available from: <https://eprints.qut.edu.au/61958/>
6. Beatrice Aguti. A Model to Facilitate Effective E-learning inTechnology-Enhanced Learning Environments within Universities. Available from: <https://eprints.soton.ac.uk/409713/1/Aguti.pdf>
7. Salmon G. E-tivities: the key to teaching and learning online. Kogan Page, 2002.
8. Garrison DR, Vaughan ND. Blended learning in higher education: framework, principlesand guidelines. San Fransisco: Jossey-Bass, 2007. 272 p. DOI: 10.1002/9781118269558.