

## ATTITUDES OF PRE-SERVICE TEACHERS TO COMPUTER ASSISTED EDUCATION

Yrd. Doç. Dr. Hakan Karatas  
Yıldız Teknik Üniversitesi  
[hkaratas@yildiz.edu.tr](mailto:hkaratas@yildiz.edu.tr)

Yrd. Doç. Dr. Bülent Alcı  
Yıldız Teknik Üniversitesi  
[alcı@yildiz.edu.tr](mailto:alcı@yildiz.edu.tr)

Arş. Gör. Belkıs Karabıyık Çeri  
Yıldız Teknik Üniversitesi  
[belkis@yildiz.edu.tr](mailto:belkis@yildiz.edu.tr)

### Abstract

Using computer technologies whose effect is seen in learning-teaching activities implemented educational environments efficiently has gained importance in terms of educators. In order that computer assisted education can succeed, the attitudes of teachers' carrying out education are as important as their skills on this matter. This study aimed at determining the attitudes of pre-service teachers of different domains studying at Pedagogical Formation program of Yıldız Technical University. The participants of the study are composed of 253 pre-service teachers (190 female and 63 male). To determine the attitudes of pre-service teachers to computer assisted education "Attitude Scale to Computer Assisted Education" developed by Arslan (2006) was used. For the analysis of data, t-test for independent groups was conducted to determine pre-service teachers' attitudes in terms of gender and the analysis of one-way ANOVA was used to determine pre-service teachers' attitudes in terms of domains. As a result of the analysis, although the attitudes of male pre-service teachers was higher than that of female pre-service teachers, statistically significant difference was not found. As it was analyzed according to domains, though the attitudes of Science pre-service teachers were higher than Maths and Social pre-service teachers statistically significant difference was not found.

**Key Words:** Computer assisted education, tutum, pre-service teachers .