

Abstract

The thesis Motivation of girls for studying Science and Technology Universities deals with the problem of the low number of the girls on the Science and Technology Universities. It explores how the girls get motivated, what are the influences in the process of choosing the university and what factors influence them the most. The thesis tries to find out the degree of the influence of the socialization like family, the school and the teachers, friends and the classmates and other, such as the possibility of the future employment. It then tries to explore the amount of influence that is done by society and stereotypes and differences between girls and boys natural characteristics. The research was divided into two parts, at first I made interviews with the girls that already study at the Science and Technology universities, then I did the questionnaire inquiry with girls from the last grade in the highschoools. After the data analysis and writing the findings, I get to the final discussion and interpretation. Girls are mostly influenced by their parents especialy because of their support, the next strong influence is the school and the teachers with their pedagogical capabilities and also support. An interest in mathematics is very important, because the popularitiy of the subject corelates with the choice of the university, strong influence is also the possibility of the future employment. Boys are still considered to be naturaly better for science and technology subjects, girls on the other hand more precise and hardworking. Boys usually also believe in their selves and are more confident then girls, which is considered to be one of the most important quality for the mathematics study. Thanks to the society and the stereotypes girls are usualy affraid of even try to apply for a science or technical university, they are affraid of the mockery, bigger attention and of the fact, that they will have to work twice as much as boys. If we were able to give girls more confidence and to dismiss their fear and also show them more women from the field, we could raise the amount of girls at the science and technology universities.