

***Report by Dr Vera Lazarevic, associate professor at the Faculty of Technical Sciences  
Cacak, University of Kragujevac in relation to Tempus project – JPCR “Master  
Program in Applied Statistics (MAS)”***

*“Sustainability plan for LLL courses”*

LLL seminars were carried out in the framework of the Tempus project JPCR “Master Program in Applied Statistics –MAS” at the Technical Faculty in Cacak (now the Faculty of Technical Sciences Cacak), University of Kragujevac on 20 and 27 October and 8 and 15 December 2012. The participants were mostly employees at the Technical Faculty in Cacak (professors, teaching assistants and associates), as well as individuals from other institutions (Parking service Kragujevac, Technical High School Cacak, etc).

The fact is that there is a need for applying statistics in all spheres of life and work. Therefore, there is a permanent need to extend statistical education of employees. Some basic concepts and principles of statistics are partly inserted into the math curricula (elementary schools 8<sup>th</sup> grade and 4th grade of high school, in the subjects Math 1 and Math 2 at high schools and colleges). However, the statistical contents are adopted superficially, and teaching modes are optional. Reformers of higher and university education have recognized the need to expand students' statistical education. Now statistics is a compulsory subject of accredited study programs. The number of such courses is on the increase. Directly I dealt with some basic statistical concepts in courses Math 1 and Math 2. I taught these courses at the Faculty of Agronomy Cacak , Food Technology department, where I was partially employed in 2011/12.

LLL seminars would be significant for employees in primary and secondary education. Target audience could be math and computer science teachers. A consequence of the education reform is a fact that some computer science teachers did not have statistics in their education. During the seminars, new statistical softwares will be presented to teachers. These softwares will provide the opportunity to improve educational and extracurricular activities.

For this purpose I contacted the Head of School Administration located in Cacak and the Director of the Regional Centre for Professional Development in Education. Head of School Administration is interested in LLL seminars. He would assist in the organization of courses (informing and involving a large number of schools). Regional Centre for Professional Development in Education would accredit a program in the field of applied statistics. They would finance the realization of these programs. This is future plan for continuation of realization of LLL courses constructed under this program and sustainability of the project results.