MISSION REPORT

ON NeReLa WINTER SCHOOL
January 12th – 15th, 2015
Čačak, Niš, Belgrade, Novi Sad

NeReLa Winter School held from 12th to 15th of January 2015 in four centers of partner universities (Čačak, Niš, Belgrade and Novi Sad).

From 147 registered teachers from secondary vocational school, 137 teachers were participated in 4 one-day trainings (44 teachers in Čačak, 33 teachers in Belgrade, 39 teachers in Niš and 21 teacher in Novi Sad) – see the lists of participants.

Winter school started by one-day training held on 12th of January in Regional Center for professional development of employees in education – Čačak, which was organized by Faculty of Technical Sciences, University of Kragujevac. Vice dean of Faculty of Technical Science in Čačak, Prof. Nebojša Mitrović, welcomed all participants of NeReLa winter school. According to the agenda, on the beginning of training day, NeReLa project was introduced to participants by coordinator of the project Prof. Radojka Krteta and thereafter Prof. Miroslav Bjekić presented the aim of NeReLa winter school.

Representatives from University of Belgrade (UB), University of Niš (UNINI) and University of Novi Sad (UNS) gave via Skype short presentations about their institutions and remote experimentation in their laboratories. The speakers via Skype were Doc. Dr. Goran Kvaščev from UB, Doc. Dr. Darko Mitić from UNINI and Doc. Dr. Ivana Milenković from UNS.

Prof. Javier Garsia Zubia from University of Deusto (UD) gave first presentation about usage of remote experiments at University of Deusto in Bilbao, with practical demonstration of several remote experiments. The other two presentations from EU institution were given via Skype by Prof. Andreja Rojko from University of Maribor and by Prof. Teresa Restivo from University of Porto.

The usage of Moodle platform within trainings of secondary vocational school teachers was introduced by Ass. Msc. Marjan Milošević from BADEN in the afternoon session. Present teachers from secondary vocational school were instructed how they will use Moodle course [NeReLa obuke] for their further collaboration with partner universities related to trainings for the usage of remote experiments from remote labs of each of 4 partner universities within NeReLa Summer
School. The most interesting part of the training was the practical demonstration of remote experiments running in the laboratory at Faculty of Technical Science in Čačak and remote experiment running in the laboratory at Faculty of Engineering Science in Kragujevac. The running remote experiments were demonstrated by Prof. Miroslav Bjekić and by Prof. Aleksandar Peulić. The following presentation was dedicated to instructions for the usage of different software for recording the process of conducting remote experiment and storing the results. Ass. Msc. Marjan Milošević from BADEN conducted this presentation.

Then, the planned activities for the trained teachers for the period until the start of the summer school were explained.

All participants filled two questionnaires at the end of training day:

- the first questionnaire related to the appropriateness of demonstrated remote experiments for the usage in secondary vocational schools and teachers’ expectations and specific suggestions related to the remote experiments which will be developed at partner HE institutions for the usage in secondary vocational schools.

- the second questionnaire related to the evaluation of Winter School.

The one-day trainings at other three partner universities have been conducted according to the same scenario.

Training at University of Niš was held on 13th of January at Faculty of Electronic Engineering. Introductory presentations given by Prof. Radojka Krneta and Prof. Miroslav Bjekic from UNIKG, were followed by presentations from UB and UNS via Skype. Three presentations concerning the usage of remote experiments at partner EU institutions were introduced by live presentation of Prof. Javier Zubia and two presentations given via Skype – presentation from University of Porto given by Prof. Teresa Restivo and presentation from European University of Cyprus given by Prof. Konstantinos Katzis. The practical demonstration of remote experiments, running in the laboratory of Faculty of Electronic Engineering, was conducted by Doc. Dr. Darko Mitić and Dragiša Popović. The rest of presentations and closing activities were the same as those held during first day of NeReLa winter school in Čačak.

Training at University of Belgrade was held on 14th of January at School of Electrical Engineering in Belgrade. The winter school was open by welcome speech of dean Prof. Branko Kovačević. After introductory presentations given by Prof. Radojka Krneta and Prof. Miroslav Bjekic from UNIKG, the presentations from UNINI and UNS were followed via Skype. Three presentations concerning the usage of remote experiments at partner EU institution were introduced by live presentation of Prof. Javier Zubia and two presentations given via Skype – presentation from European University of Cyprus given by Prof. Konstantinos Katzis and presentation from University of Maribor given by Prof. Andreja Rojko. The practical demonstration of remote experiments running in the laboratories of School of Electrical Engineering in Belgrade was conducted by Doc. Dr. Goran Kvaščev. The rest of presentations and closing activities were the same as those held during previous days in Čačak and Niš.
Training at University of Novi Sad was held on 15th of January at Faculty of Technical Science in Novi Sad. The winter school was open by welcome speech of dean Prof. Rade Doroslovački. After introductory presentations given by Prof. Radojka Krneta and Prof. Miroslav Bjekic from UNIKG, the presentations from UNINI and UB were followed via Skype. Three presentations concerning the usage of remote experiments at partner EU institutions were introduced via Skype – presentation from University of Porto given by Prof. Teresa Restivo, presentation from European University of Cyprus given by Prof. Konstantinos Katzis and presentation from University of Maribor given by Prof. Andreja Rojko. The practical demonstration of remote experiments running in the laboratory of Faculty of Technical Science in Novi Sad was conducted by Prof. Dr Dragan Šešlija, Doc. Dr Slobodan Dudić, Doc. Dr Ivana Milenković, Ass. Msc. Jovan Šulc and Bsc. Brajan Bajči. The rest of presentations and closing activities were the same as those held during previous days in Čačak and Niš.

Prepared by

Prof. Radojka Krneta