

EduNano "Education in Nanotechnologies" Project № 543861-TEMPUS-1-2013-BG-TEMPUS-JPCR

EduNano Project Meeting Kick-Off, Tel Aviv, Israel 3/03/2014

MEETING MINUTES

Participants:

(Please, see the pdf file with the particpants' list)

10:00 Welcome and introduction from TAU President

10:10 Introduction from the Rector of TUS

10:15 Quick introduction of the Partners

11:00 Slavka Tzanova: Introduction to Project Concepts

- Tempus Priorities and the importance of ECTS for student exchange
- Modernization of curricula
- Recognition of degrees and credits among Israeli and European universities
- Share of infrastructure, technological and human resources, applied with autonomy inside the different Institutes
- Background of the project, 3 past projects
- Objectives:
 - 1. Design Syllabi and course contents (Sept. 2014)
 - 2. Innovative contents, videos, practical works in High-Tech Labs (July 2015)
 - 3. Test and implement new e-learning courses with knowledge sharing for at least 200 students (Jan. 2015 Nov. 2016)
- List of Courses
- Three kinds of courses etc. (see the PowerPoint presentation on the project W4eb site)

The discussion opens and some topics are discussed:

- Discussion about the ECTS credits, presentation from European partners of the concepts of what are ECTS credits. Aaron Palmon gives his experience on the exchange of students between Israel and Europe
- Presentation and discussion about the remarks of EU. We will not develop a common MSc programme but courses for the partners MSc programmes. We cannot change the higher education system in Israel and introduce the ECTS but we will test the ECTS in 6 Israeli universities.



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- How the courses will be hosted? A standard environment will be used for courses/videos/tests
- Each partner will be allowed to host the developed courses although TAU will maintain all e-learning materials for the project
- How can the tests through WEB be "guaranteed". It is desirable to answer the quiz under the supervision of somebody
- What about MOOCS ? The goal of the project is not to have a massive diffusion (thousands of trainees). Topics are highly specialized so that audience will be restricted
- Question regarding course exploitation: An exploitation agreement will be signed between partners.
- Discussion about the grading system that will be adapted to each University. Each university will autonomously apply its own rules or the national rules.
- Representative of Technion presents the course on "Nanotechnology" developed as example for an e-learning approach.
- Examples taken from NanoEl project were shown. Jack Barokas will prepare a password for the partners for checking the work done.
 - ACTION: password for NanoEl access (Jack Barokas)
- A shared repository of the project will be prepared for putting the project documents
- The partners agree that 1 week of practical training of students is perfect, also because of the needs of Israeli students to do not stay out more than 1 week. Israeli students would have serious problem to leave Israel for more than 1 week. Moreover, the training courses in the clean rooms in CIME and POLITO are for 5 days, not for two weeks.
 - ACTION: a request will be sent to the EU Officer for explaining this (<u>Slavka</u> <u>Tzanova</u>)

Jack Barokas & Danilo Demarchi: Presentation of the documents presented in Brussels by EU. Reporting and Financing issues.

- ACTION: <u>Jack Barokas</u> sends to all partners links of the presentations and useful documents of EU
- ACTION: <u>Slavka Tzanova</u> sends the forms of the reporting documents to the partners

The next meeting is decided to be in Torino (Italy) 15th and 16th of September.

Slavka Tzanova: deadlines for July. In particular:

- Need Analysis by all partners
 - o Link to the Survey of NanoSkills: <u>http://www.nanoskills.eu/ls</u>
- Learning Outcomes and credits for each course
 - ACTION: Slavka sends all the helpful documents for Need Analysis, Learning Outcomes and similar ... and all guides and reports, timesheets etc. forms will be published on the project Web page.



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- Syllabi of courses
- Web pages for the project on each partner server and in the language of each partner institution.