



Funded by the
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Development of two cycle innovative curricula in microelectronic engineering - DOC MEN

**Report on project activities within the year 2017
(Up to December 2017)**

National Polytechnic University of Armenia

1. COMPLETED TRAININGS IN EUROPEAN UNIVERSITIES



Report about completed training courses in each of the EU universities.

- Nanoscale electronic devices and novel simulation technology – CD POLITO
 - 1 July 2017 – 21 July 2017
- Nanocoating and nanostructures theory and practice – CD TUS
 - 19 June 2017- 30 June 2017

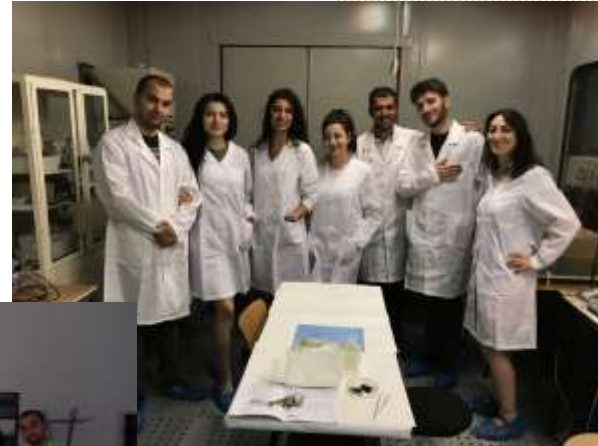
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1. LIST OF PARTICIPANTS



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Tigran Hakhverdyan
Hamest Dolukhanyan
Arthur Sahakyan
Svetlana Poghosyan



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Photos from cultural activities



1.1. DISSEMINATION OF KNOWLEDGE ACQUIRED AT TRAININGS IN EUROPEAN UNIVERSITIES



Report about dissemination of knowledge acquired at trainings in EU universities:

The courses are anticipated for Master students as elective to be used from February 2018

- Nanoscale electronic devices and novel simulation technology
- Nanocoating and nanostructures theory and practice

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3. INFORMATION ABOUT STARTING OF PILOT TEACHING IN MICLABS



- As Synopsys EDA tools (Custom Compiler, Design Compiler, IC Compiler, VCS, WaveView, IC Validator, StarRC, HSpice, etc.) are used, MICLAB is not used

Number of BA students studying in Synopsys' EDA tools per month	Number of MA students studying in in Synopsys' EDA tools per month	Number of working hours of in Synopsys' EDA tools per month
90	65	30

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5. PUBLISHING OWN EDUCATIONAL AND METHODICAL MANUALS



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1. Melikyan V. IC Design Specialization. Educational plans and Course programs// NPUA, Yerevan, 2017.-P.178 (in English)
2. Melikyan V. EDA Specialization. Educational plans and Course programs// NPUA, Yerevan, 2017.-P.187 (in English)



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Thank you for attention!