



Tempus

Development of Embedded System Courses with implementation of Innovative Virtual approaches for integration of Research, Education and Production in UA, GE, AM

# DESIRE

TEMPUS-project 544091-TEMPUS-1-2013-1-BE-TEMPUS-JPCR

P09–National University of Architecture and Construction of Armenia

01.12.2013-30.11.2014



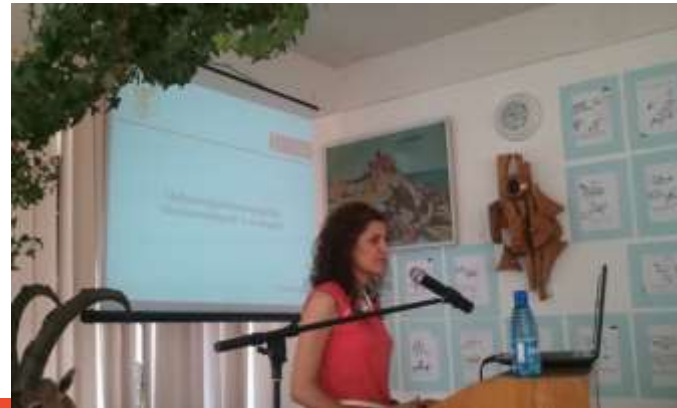
## *Overall Achievements during the 1<sup>st</sup> Year*

- The curricula on Embedded Systems at the Chair of Informatics, Computing Technologies and Management Systems in NUACA were analyzed
- The Labor Market Survey in Embedded Systems
- The Students Opinion Inquiry were carried out, analyzed.



## *Activities Carried out within the Scope of WP 1, 2,4,7,8:*

- Regular Disseminations within the scope of DeSIRE Project were held in Yerevan
- On July 15, 2014 Dissemination of DeSIRE Project was held in Sevan Town, Armenia.





## *Activities Carried out within the Scope of WP 1, 2,4,7,8:*

NUACA delegation participated in ***“New teaching approaches in Engineering”*** summer school at the Department of Technology and Information Technologies at Constantine the Philosopher University in Nitra, Slovakia.



## *Activities Carried out within the Scope of DeSIRE Project*

Dissemination seminars with ICTMS Chair members about the gained knowledge and skills within *“New teaching approaches in Engineering”* summer school were held.





## *Activities Carried out within the Scope of WP 1, 2,4,7,8:*

- The local project plan with NUACA local team members was developed
- Modification of the existing curriculum related with Embedded Systems is in process
- Analytical Report on Embedded System Curricula of NUACA was made.



## *Activities Carried out*

- Collaboration was set among partner universities
- Information collection and analyses were carried out
- Dissemination meetings with responsible Chair members were held <http://ysuac.am/?goto=news&id=366>
- Organization of Retraining within the scope of Desire Project : <http://ysuac.am/?goto=news&id=394>





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The screenshot shows the website of the National University of Architecture and Construction of Armenia. The page features a navigation menu with items like Home, Our university, Applicant, Bologna process, Library, and Our contacts. A news section is highlighted with the title "TRAINING COURSES HAVE BEEN ABOUT E-TRAINING" dated 27-01-2015 10:30. The article text mentions that on January 22, training courses were held at the university about the Moodle open-source learning platform. A sidebar on the right contains sections for International Cooperation, Specialized Councils, Student Council, and Legal Acts.



## *Main results of curricula analyses:*

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The university has no special curriculum on Embedded Systems

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The University curriculum related to Embedded Systems should be implemented and modified

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New courses should be developed and introduced into Curriculum at ICTMS Chair



## University Units Involved in the Project

### Faculty involved in the Project is

- Computer Engineering and Management Systems

### Chair involved in the Project is

- Informatics, Computing Technologies and Management Systems



***Criteria for teachers election for the re-training  
are as follows***

- A) Teachers whose taught subjects are closely connected to Embedded Systems
- B) Teachers who have specialties in Computer Programming, Cybernetics, Electrical Engineering.



## *University Team and Partner Meetings:*

N r.	Date	Theme	Participants
	28.01.2014-30.01.2014	Kick of meeting	P1-P12
	03.02.2014	Management Issues of the project	Armenian Partners
	17.02.2014	Dissemination,	Local management team (NUACA P09)
	10.03.2014	Discussions at the chair of ICTMS	Chairs representatives
	15.05.2014	Regional meeting (Analysis of the results of the labor market and student questionnaire development of local plan, analytical report on embedded system	P1-P12
	03.09.2014	Working meeting (preparation of Nitra Summer School)	Local management team (NUACA P09)
	03.10. 2014	Dissemination meeting (after Nitra course)	Coordinator and Nitra Summer School participants
	27.11.2014	Meeting for organizing retraining process in NUACA	Organizational group



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The screenshot shows a web browser window with the URL [ysuac.am](http://ysuac.am). The main content area features a news article with a photo of a group of people in a meeting, dated 23-01-2015 12:57. Below the article is a pagination control showing page 1 of 10. To the right, there is a sidebar with several news items, each with a date and time. Below the news items are logos for 'aeres' (Agence d'Appui de la République et de l'Intégration académique), 'DesIRE' (Réseau des Instituts de Recherche en Sciences Humaines), 'VERITAS' (European Commission Tempus), 'DAAD' (German Academic Exchange Service), 'Black Sea' (Black Sea Education Center), 'EURASHE' (European Association of Universities), and several other international and regional organizations.

14  
 Yerevan  
 02.02.2015





## *Long-term perspectives*

- New teaching materials will be developed and introduced into education process
- New Updated Curricula on Embedded System will be introduced into University education programs



## *Long-term perspectives*

- Experience of partner countries will be studied and implemented
- Virtual laboratory will be set and used
- Long-term collaboration will be set between University and Industry





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*Thank You  
for  
Your Attention*