



Tempus

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



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

P09—National University of Architecture and Construction of Armenia
Gohar Avetisyan

27.10.2015-29.10.2015



Within the Scope of the Presentation

- The curricula on Embedded Systems at the Chair of Informatics, Computing Technologies and Management Systems in NUACA have been developed and presented.
- The Equipments NUACA has received and is on the way to.
- The educational process changes NUACA has faced as a result of the project implementation.
- The Dissemination Process carried out



Curricula on ES at the chair of ICTMS within the Scope of WP 2

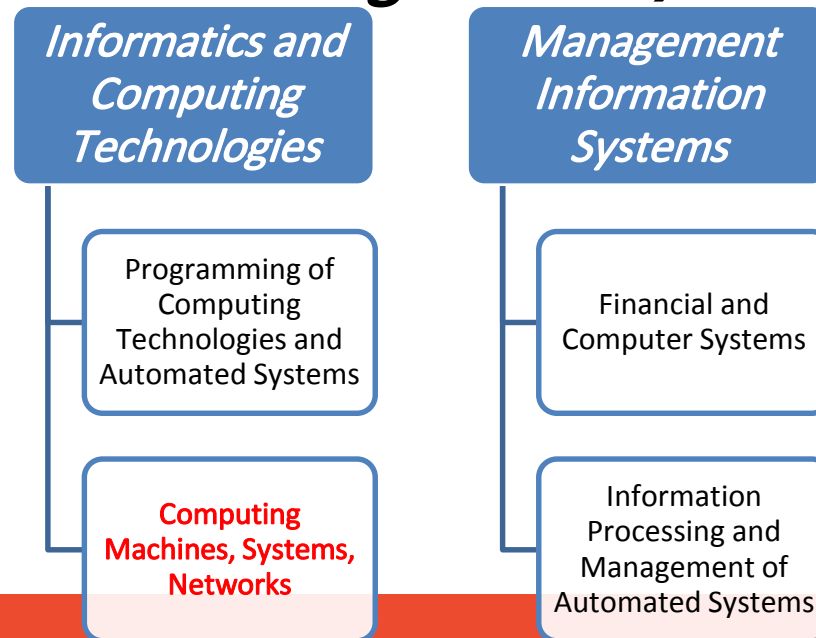
At the chair of Informatics Computing Technologies and Management Systems the following curricula have been developed for the *DEPARTMENT OF MANAGEMENT AND TECHNOLOGY*

- Microcontrollers
- Hardware for Embedded Systems
- “C” for Embedded Systems
- Embedded Operating System
- ECAD electronic design
- Digital Electronics



Curricula on ES at the chair of ICTMS within the Scope of WP 2

At the Chair of Informatics, Computing Technologies and Management Systems





E-learning and LMS in NUACA



According to the Decree of RA Government 10 February, 2010 HEIs are allowed to implement Distance Learning having the corresponding permission.

NUACA, already having this permission, with ICTMS Chair has retrained 53 members of the teaching-staff for introducing Moodle Sysytem into the Educational System of the university within the scope of DeSIRE TEMPUS Project and now 24 curricula are designed to be implemented on it beginning with December 2015-February 2016.



Equipments Received by NUACA

NUACA within the scope of DeSIRE Tempus Project has received and equipped its virtual laboratory with the following:

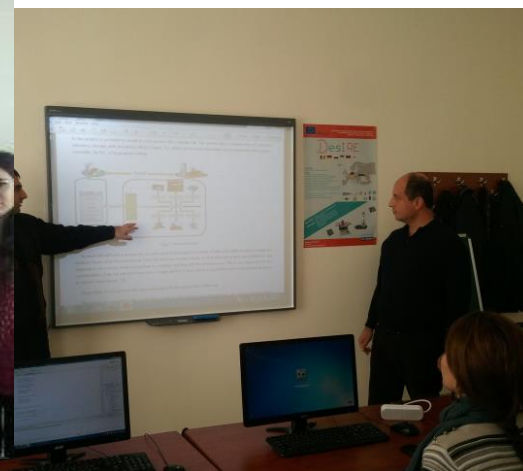
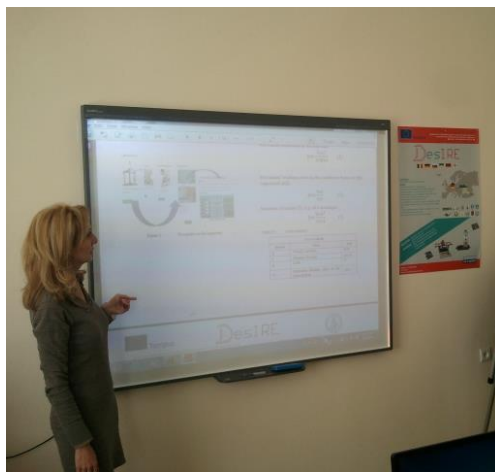
- Arduino Mega 2560 R3
- mSD-Shieldv2
- MI0283QT Adapter v1 (LCD),
- GLCD-Shield with Display and Rotary Encoder
- Ethernet Shield R3 (Arduino)
- Raspberry Pi Model B (512 MB RAM)
- RPI-Shield-Bridge
- ATM32F4DISCOVERY





Activities Carried out within the Scope of DeSIRE Project W7

Dissemination seminars with ICTMS Chair members about the gained knowledge and skills within DeSIRE TEMPUS Project have been held at NUACA and YeTRI

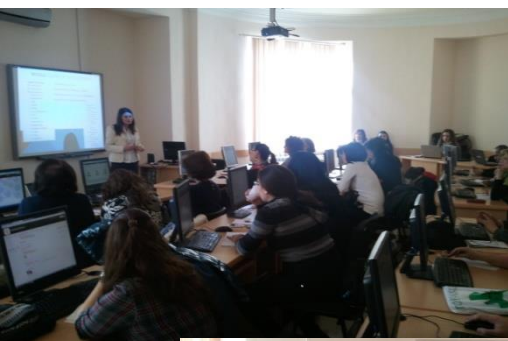




Retraining Carried out at NUACA, Sevan and Sisian

❑ Organization of Retraining within the scope of Desire

Project : <http://ysuac.am/?goto=news&id=394>





Tempus



Միսիանի Պետական Քոլեջ

Вы зашли под именем Mariana Manusalyan (Выход)

Основное меню

- Новости сайта

Навигация

В начало

- Моя домашняя страница
- Страницы сайта
- Мой профиль
- Мои курсы

Настройки

- Настройки моего профиля
- Администрирование

Мои курсы

- Հիմնական միջոցների հաշվառում
- Հուլիանոցային գործի

Доступные курсы

**ՀԱՅ ԳՐԱԿԱՆՈՒԹՅՈՒՆ**

Учитель: Nara Hovhannisyanyan

**Տեղեկատվական տեխնոլոգիաների հիմունքներ**

Учитель: Siranush Sevyanyan

**Հայոց լեզու և խոսքի մշակույթի հիմունքներ**

Учитель: Գալանե Աթայան

Լեզուն հասարակական երևույթ, ծագումը, զարգացման փուլերը

**անգլերեն**

Учитель: Հերմինե Հայրապետյան

Hotel information

**Հաղորդակցման հմտություններ**

Учитель: Կարինե Համբարձումյան

Ուսանողը կարողանում է ճիշտ հաղորդակցվել, ձեռք բերել հաղորդակցման

Календарь

Октябрь 2015

| Вс | Пн | Вт | Ср | Чт | Пт | Сб |
|----|----|----|----|----|----|----|
| | | | | 1 | 2 | 3 |
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| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
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NATIONAL UNIVERSITY OF ARCHITECTURE AND CONSTRUCTION OF ARMENIA

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News TRAINING COURSES HAVE BEEN ABOUT E-TRAINING

TRAINING COURSES HAVE BEEN ABOUT E-TRAINING
27-01-2015 10:30



On January 22, at the National University of Architecture and Construction of Armenia have been held the "Moodle open-source learning platform" training courses, which aim is to help educators to create an effective online learning.

For this purpose G.Avetisyan, H.Hakobyan, S.Sevyan, M.Manusadgyan and Sh.Nigoyan (NUACA, Chair of Informatics, Computer Engineering and Management Systems) had training courses at the Faculty of Informatics and Management in Constantine the Philosopher University in Nitra (Slovakia). So the same theory courses will be held for our University Lecturers. Up to the period of February 19 already registered 56 participants of NUACA Chairs will attend in 3 groups training courses.

In his welcoming speech to the opening of training courses NUACA Vice Rector for Academic Arkadi Barkhudaryan mentioned that this training was very important for the learning process, because only the basic education can not be enough to specialist providing job in future: *"Today requirements dictate a person to be always informed the problems of modern techniques introducing. Therefore he must constantly widen his enduring teaching educational level. This is what the Bologna Process Clause 7 tells us about."*

Mher Markosyan Head of Chair of Informatics, Computer Engineering and Management Systems the training courses participants urged not to be afraid of innovation and assured, that every difficulty can be overcome based on the basic knowledge: *"When we where Slovakia, at the beginning we could imagine what the project was: Then, each day having the opportunity to organize laboratory works, we understood its character."*

E-learning system is continuous educational project, therefore the participants will be introduced the Moodle system, will carry out practical works, of which the best overcoming will receive certificates. A.Barkhudaryan hoped that at the end of lectures, each participant will get a complete electronic system uses in theoretical and practical knowledge and skills.

Be informed, that e-learning training courses lectures series held in NUACA are still in the primary stage. Teaching training courses for other groups of lecturers will continue consecutively on February 4-11 and 12-19.

INTERNATIONAL COOPERATION

- International Relations
- Events
- Educational process
- International conferences

SPECIALIZED COUNCILS 030

STUDENT COUNCIL

LEGAL ACTS

SCIENCE

OUR PARTNERS

CONTACT WITH THE OUTSIDE WORLD

PHOTO GALLERY

WORKS ARCHIVE

MONTHLY NEWSPAPER

PURCHASING

CAREER CENTER

PRESS ABOUT

HIGH SCHOOL

«ASTGHİK» CLUB

ALUMNI

STUDENTS PROGRESS


Log in mulberry

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Tempus

1st Flyer Prepared by NUACA and YeTRY

DesIRE Tempus Project In and out of NUACA and YeTRY

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DesIRE

Within the scope of DesIRE Tempus Project the virtual laboratory of NUACA has been equipped.

Communication network has been organized by NUACA and NUACA in seven state colleges

Communication training and seminars have been held in NUACA and YeTRY

Communication training - Organizing Electronic Learning in Moodle System has been started in NUACA and YeTRY

The manual "Organizing E-learning on Moodle Platform" is written by the lecturers of ICIMS Chair in National University of Architecture and Construction of Armenia within the scope of DesIRE TEMPUS Project. The manual, consisting of 5 chapters, covers various topics about E-learning, the principles of working on Moodle Platform, the structure of E-lessons, testing and assessing students electronically.

Moodle Platform: A Practical Guide



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*Thank You
for
Your Attention*