



Mobility Report

WP No.: 3, Awareness of EU Educational System

Del. No. : 5

Del. Title: Visits of Jordanian Partner Academic staff to EU

Name of Staff: Dr. Osamah Badarneh and Dr. Hazem Kaylani

Convention Ref. No.:

Date: 11-16/9/2011

1. Description of the training course

Please provide a description of the training programme, training modules

- Awareness of UPV educational system, B.Sc and M.Sc programmes
- Awareness of UPV International office activities
- Assessment, Planning and Quality Services (SEPQ) Department
- Awareness of UPV research activities
- Careers and Employment Office
- E-learning and On-Line Learning
- Professional M.Sc. in Telecommunication Engineering - (New programme that adopted Bologna process)

2. Activities Conducted

Please describe the activities carried during mobility and how mobility helped and/or will help achieve the project's objectives.

1. Presentation about Bachelor Degree in Telecommunication engineering at UPV and a brief description of Bologna Process (Prof. Mariano Baquero)
 - The Bologna Declaration is a pledge by 29 countries to reform the structures of their higher education systems in a convergent way. Some Specified objectives are:
 - the adoption of a common framework of readable and comparable degrees, “also through the implementation of the Diploma Supplement”
 - the introduction of undergraduate and postgraduate levels in all countries, with first degrees no shorter than 3 years and relevant to the labor market
 - ECTS-compatible credit systems also covering lifelong learning activities
 - a European dimension in quality assurance, with comparable criteria and methods
 - the elimination of remaining obstacles to the free mobility of students (as well as trainees and graduates) and teachers (as well as researchers and higher education administraros).
 - Royal Decree 1393/2007
 - Undergraduate degree (“*Grado*”)
 - 240 ECTS
 - 5 branches of knowledge
 - Arts and humanities
 - Sciences
 - Health Sciences
 - Social and legal sciences

– Engineering and Architecture

- B.Sc in Telecommunication Engineering (equivalent to B.Sc in Electric and Electronic Engineering). There are four areas of specialization: Telecommunication Systems, Electronical Systems, Telematics, and Sound & Image. One main issue of this degree is that it is a 4-year plan with 240 ECTS (European Credit Transfer System). Whereas, most of the existing B.Sc degrees in Europe are 3-year plan. The 240 ECTS are distributed over 8 semesters. Each 1 ECTS equivalents to 25 hours (10 hours physical attendance of students at UPV including lectures/labs and 15 hours for exams, homework, etc.)

2. Presentation about the new M.Sc in Telecommunication Engineering (Professional master for industry).

- It is foreseen that, this programme will be ready for application on academic year 2012/13
- It follows Bologna process
- 120 ECTS (international agreement) distributed over 2-year (4 semester). 30 ECTS/semester
- At least 50 ECTS on telecommunication technology
- At least 10 ECTS on technological management of telecommunication projects
- 30 ECTS for the final semester is devoted for the thesis
- 30 ECTS must be followed, depending on formation, for example students with background on telecommunications should register for 15 ECTS on electronics and 15 ECTS on Telemetric

3. Presentation about International office activities by Mr. Jesús

- This office has four divisions: International Exchange Programmes Office (OPII), International Action Office, Co-operation for Development Centre, and Language Centre
- The presentation was devoted only for OPII
- The main objectives of OPII are:
 - Coordinates the participation of the UPV in exchange programs worldwide.
 - It manages mobility programs funded by the EU as well as own programs completely financed by the UPV, directed so much to students as to teaching and administrative staff.
 - Coordinates the international activity of the different schools and faculties of UPV, the common activities of sending/receiving students and staff and its policies of internationalization.
- Exchange programmes offered for STUDENTS are: Erasmus Studies, Erasmus Internships, Erasmus EILC, PROMOE, Sicue-Seneca, Euromovex, Leonardo, DRAC, Vulcanus, Mentor
- Exchange programmes offered for professors and researchers are: Erasmus STA, APICID
- Exchange programmes offered for staff are: Erasmus STT

4. Presentaion about iTeAM research center

• iTeAM is a research center in the field of the Information Society Technologies (IST), its research areas are:

- Optical Communications
- Mobile Communications
- Microwave Applications
- Electromagnetic Radiation

5. Presentation about ITACA research center by Prof. Felipe

- ITACA institute is part of the ambitious project that the Polytechnic University of Valencia started in 2002 (Polytechnic City of Innovation). This project will be the reference point for companies that want to distinguish themselves for the R&D activity.
- The main mission of ITACA is to transfer Information and Communication Technologies from the Polytechnic University of Valencia, by means of a global offer of R&D Services, aimed at the public, industrial, commercial and service industry of Valencia Region, Spain and the rest of the world
- ITACA offers an applied technical consultancy based on its Technological Offer, that can be summarized in five areas:
 - Digital Electronic Systems and Industrial Electronics
 - Computer Systems
 - Telecommunication Systems
 - Electromagnetism and Microwave Technology
 - ICT Systems in Health Care

6. Presentation about Assessment, Planning and Quality Service (SEPQ) by Mrs. Isabel

- SEPQ has two branches:
 - The first branch focus on elaboration of Studies, Reports and Statistics for: UPV; local, regional and national government and other institutions
Manage the surveys for the UPV
 - The second branch Focus on Planning and Quality
- Conduct up to 45 different surveys each year
- There are two types of surveys at UPV:
 - Systematic: Student feedback surveys, Student/Faculty surveys regarding the program management, services, etc.
 - Not systematic: surveys Under request of faculty and other staff members: Transport systems, and Satisfaction with the concessions working at the UPV, etc
- Implementation of a new surveys
- Coordination: To avoid duplication of surveys with similar objectives, to coordinate terms and people involved, and to create a database with information
- The survey is conducted in two formats: on paper, and in web form

7. Presentation about the employment office by Mrs. Ester

- The main objective of this office is to find quality work placement for UPV graduates'
- This office is responsible for relations between the University and the companies that are fundamental to: the practical skills learned by the Alumni, UPV graduate's employability, and promoting self employment and new entrepreneurs

8. Presentation about the training and employment observatory by Natcho
- Analysis of the employability of graduates from the UPV focusing on: Uses of the knowledge learned, Characteristics of the process of employability, Evolution of the professional career, Acquisition and development of skills, and Complementary activities at university training
 - Collect, process and provide information about the process of employability of graduates and the opinion of graduates of its passage by the University
 - Conduct surveys regarding the opinion of the graduates and the employers about UPV
9. Presentation about e-Learning and On-Line Learning facilities at UPV by Prof. Miguel
- Discusses the development of a multimedia training material and the possibilities of using Information and Communications Technologies (ICT) for delivering Continuing Engineering Education and Lifelong Learning
 - e-Learning Platforms at UPV:
 - Collaboration and Learning Environment (CLE): Sakai is typically used for teaching and learning, they call it a Collaboration and Learning Environment (CLE) because it embraces uses beyond the classroom
 - Multimedia content: (Polimedia): video recording for lectures. it allows synchronous distance learning, e.g., teach the same course at the same time for different countries
 - Webcasting: Adobe Connect
 - Offer non-commercial courses for graduate and undergraduate students
 - Offer specific courses in engineering
10. Presentation about Quality management Center activities
- Build measurement tools for the improvement of the UPV management and services
 - Construct the statistical modeling of the surveys conducted at UPV
 - implement different indicators for statistical surveys, e.g., Validity, Reliability, Communicability, Resistance to manipulation, Cost-Efficiency
10. Visiting the research labs at UPV
High power Microwave lab.
Anechoic chamber for antenna.
ESA high power microwave test Lab for Satellites

3. Obstacles and shortcomings

Please describe any obstacles and/or shortcomings experienced during the period covered by the report and the measures taken by the project team to address them.

N/A



4. Planned Activities

Please also indicate the activities you plan to carry out after you attended the training course.

Telecomm. engineering department at UPV has finished a proposal for a master professional programme which is a master programme for the industry. We believe that it will be very helpful to us to stay in contact with them to share their experience in developing such a programme.

At UPV about 45 different surveys are conducted per year about every facility at UPV. They have a lot of experience in how to write surveys and the better way to distribute them. In addition, they have a good team that build a statistical model for analyzing the surveys and how to write the final report about the conducted survey. We believe that we can cooperate with them for conducting new surveys for academia, industry and other services at YU.

UPV has good relations with companies and industry. It is good to us to know how good relations can be established between academia and industry.

UPV has different scientific research centers. We can establish a joint research between UPV and YU staffs' in different areas in the telecommunication fields

5. Any other comment

Please provide in this entry, any relevant information you think might be useful for the assessment of your mobility (i.e. synergies with other projects, any support from external environment, networking with professional bodies, etc.).

N/A

6. Overall Evaluation of the training course

| Item | Grade out of 5 |
|--|----------------|
| Training material | 5 |
| Trainer quality | 4 |
| Place of training | 5 |
| Contact person help in coordinating contact with staff members of host | 5 |



Telecommunications Engineering Department
Yarmouk University
Project: 511074-TEMPUS-1-2010-1-JO-TEMPUS-JPCR



7. Attachments

Please submit this report along with all training material at most one week after mobility is conducted.

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|--------------------------------------|--|--|
| Sunday 11/9/2011 | No meetings-We arrived at Hotel Valencia at 19:30h | |
| Monday 12/9/2011 | No meetings- Staffs were not available | |
| Tuesday 13/9/2011 | 10:00h-10:30h: | Talk about Bachelor Degree at UPV (Prof. Mariano Baquero) |
| | 10:45h-11:30h | Talk about Master Degree at UPV (Prof. Vicente Boria) |
| | 11:45h-12:30h | Talk about mobility and international office activities at UPV (Mr. Jesús Alonso) |
| | 12:30h-13:30h | Visit to Telecommunication School facilities |
| | 16:30h-17:15h | Visit to Research Institutes at CPI (Politechnic City of Innovation at UPV), iTEAM |
| | 17:30h-18:15h | Visit to Research Institutes at CPI (Politechnic City of Innovation at UPV), ITACA |
| Wednesday 14/9/2011 | 10:00h-11:30h | Meeting with the responsible for the SEPQ (Assessment, Planning and Quality Service) staff (these people cover all the reports from all the services related with questionnaires) |
| | 11:30h-13:00h | Meeting with the responsible for the questionnaires to students that finished a couple of months before and about 3 years before (these people are closely related with the companies) |
| | 13:00h-14:00h | Visit to UPV facilities |
| Thursday 15/9/2011 | 10:00h-11:30h | Meeting with people involved in the statistics and general dealing with the questionnaires and interpretation |
| | 12:00h-13:00h | Talk about e-Learning facilities at UPV (Prof. Miguel Ferrando) |
| | 13:00h-13:30h | Visit to the recording facilities at UPV |
| Friday 16/9/2011 | 11:00h | Departure Day |