Progress Report No.1

Title of the project
An Industry Oriented Master Program in Telecommunications Engineering- Towards and EU Approach

T E M P U S   IV
(Third Call for proposals EACEA N° 28/2009)
Joint Project

511074

PROGRESS REPORT	DEADLINE
- Report on implementation of the project - Statement of the costs incurred	1/6/2011

Submitted by: Project Management Committee

Approved by: YU internal monitoring committee

- **Prof Hanan Malkawi, Vice President**

- **Dr. Muwafag Omosh, Dean of Hijjawi Faculty**

- **Mr. Shareef Manasrah, Financial Manager of YU**

PREFACE

This document presents the Biannual report on the implementation of the Tempus project prepared for the internal monitoring committee of the project.

Title of the project
An industry Oriented MSc Program in Telecommunications Engineering-Towards and EU Approach

Agreement number
Project: 511074-TEMPUS-1-2010-1-JO-TEMPUS-JPCR

Coordinator
Yarmouk University, Jordan

Legal Representative
Prof. Prof. Sultan Abu Orabi, President

Coordinator of the Project
Dr. Khaled Gharaibeh

Duration
15.10.2010-14.10.2013

Budget
€937,000

Project Acronym
MTE-EUA

Management Committee:

1. Dr. Khaled Gharaibeh –Coordinator-Yarmouk University, Jordan (Chair)

2. Dr. Hazem Kaylani -- contact person of Partner No.2 - German Jordan University-Jordan

3. Dr. Mahmoud Smadi -- contact person of Partner No. 3 - Hashemite University-Jordan

4. Dr. Noel Murphy -- contact person of Partner No. 4 – Dublin City University, Dublin - Ireland

5. Dr. Laurie Cuthbert -- contact person of Partner No. 5 - QMUL Queen Mary University of London-United Kingdom

6. Dr. Feliepe Peñaranda Foix -- contact person of Partner No. 6 - Universidad Politécnica de Valencia, Spain.

REPORT ON IMPLEMENTATION OF THE PROJECT

Overall achievements

Please provide a description of the <u>activities carried out</u> since the start of the project and describe to what extent, the <u>results</u> achieved since the beginning of the project, are contributing to the project objectives.

The following activites have been carried out and completed by the date of this report:

Del. No.	Deliverable	Submission Date
18	Memorandum of Understanding	1/3/2011
1	Curriculum Review	1/6/2011
21	Project Website	1/2/2011
20	E-Data base	1/6/2011
14	QC plan	1/6/2011

Contribution to the project objectives

1) **Deliverable No.1**:

Through the surveys and meetings conducted by the Curriculum Review Work Group in a span of about 6 months, a review of the existing program and curriculum was realized as a report which highlights the main problems associated with the existing program per the reviewers' comments and draws a set of recommendations for improvement of the existing curricula and courses based on expert opinion collected through questionnaires. The review was based on expert opinion about the program, the contents of the curriculum as well as teaching and evaluation methods. Furthermore, the review covered other aspects such as comparability of the program to similar international programs and the relevance of the program to the needs of local and regional markets. A set of activities were carried out to perform this task. These activities are summarized as follows:

1. Formulation of the **c**urriculum review workgroup. This was formed at the first management meeting of the project and according to the project proposal. The criteria for choosing the WG members were based on their expertise and the relevance of this to the program. The role of each partner in the curriculum review work package was specified as stated in the project proposal. The workgroup consists of 5 faculty members from the Department and one faculty member from each of the project partners. In addition, a number of Jordanian Telecommunications companies selected based on their expertise and relevance to the program were called to participate in the review process.

2. Holding a number of meetings for the purpose of developing the methodology of the review process. The review process was based on two main approaches. The first is to collect data from target groups through a number of questionnaires and the second is direct meetings with target groups where data is collected through direct contacts and discussions in the form of minutes of meeting (MOM).

3. Identifying the target groups which were determined by the workgroup as the main stakeholders of the program and whose opinion would be important to assess the strengths and weaknesses of the program. The first group is the telecommunications industry in Jordan which is the main employers of the graduates. The second group is academic experts with relevant experience at Jordanian universities who are involved in similar programs and were involved in curriculum development activities at their institutions. The third group is academic experts with relevant experience at EU universities who are involved in similar programs and would provide comparisons and contrasts between the program and similar programs at their institutions. Lastly, the fourth group is Master students (25 students) who were enrolled in the program in the academic year 2010/2011.

4. Designing three different questionnaires to conduct the review process. The first questionnaire targets the academic staff of local project partners (HU and GJU), the second targets experts from the local telecom industry in Jordan, and the last targets EU partners of the project (DCU, QMUL and UPV).

5. Preparing evaluation forms for individual courses offered by the program in order to get feedback from different target groups about the quality of individual courses and their contribution to the overall program.

6. Distributing the review packages which were sent to target groups either by email or in person. The review packages contained:

A. A description of the Tempus project.