

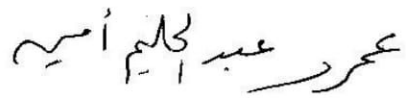
PROMOTION OF INNOVATION CULTURE IN THE HIGHER EDUCATION IN JORDAN – INVENT

Technical Evaluation Report

Prepared by Prof Dr. Amr Amin

December 2017

Signature:



Introduction

This report presents evaluation of the accomplished tasks of the project. It will present the reports prepared by each Work package along with recommended actions as needed.

Many of the findings of this report were gathered from the reports received from different work packages.

WP1: ANALYSIS OF TRAINING NEEDS

WP1 is considered concluded. Two surveys; one for academia and another one for the industry have been provided. Both surveys focused on identifying the barriers between the industry and academia in Jordan in order to develop a mechanism to bridge the gap between them.

Comments

Positive findings

- 1- The completed surveys were more than 25% of our target.
- 2- JUST and ASRF organized and participated in many workshops as well as many one-on-one interviews involving representatives from the local industry.
- 3- A valuable report was prepared on the local needs for training the staff who are working in the CTIs.
- 4- Tasks were accomplished in time.

WP2: Training of trainers for participation at CTIs

WP2 well used the report of WP1 on local needs training were used to prepare a long-term capacity building plan. Two training session took place in March and September 2017. A third training session will take place in 2018.

Comments

Positive findings

- 1- Long-Term Capacity Building Plan was successfully developed.
- 2- A list of equipment required for CTIs was developed in consultations with Jordanian partners.
- 3- Sixteen Jordanian CTI officer are trained in EU.
- 4- The training was delivered through
 - a- traditional training
 - b- mentoring
 - c- interrelations with local ecosystem

WP3: Establishment and equipment of the CTIs

Comments

WP3 is concluded. Four CTIs have been created at 4 Jordanian partner institutions.

Positive findings

- 1- Two units related to building relationship with the industry have been created at JUST and ASRF.
- 2- Faculty For Factory program has adopted the approach of INVENT in order to provide innovative solution for industrial challenges in Jordan.
- 3- The software was installed centrally at each partner institutions to save the costs for other hardware purchase.

WP4: Activity of the Centers and departments

WP4 is a continuous implementation task.

The project's web site is on line and is constantly updated.

<http://invent.just.edu.jo/Pages/default.aspx>

Databases of Jordanian researchers, industries, and EU innovation ecosystem are included on the website.

Challenges proposed by industry or entrepreneurs are posted on the site.

Positive findings

- 1- The web site recorded more than 15,000 hits.
- 2- The database of CTIs and support function are continuously updated.
- 3- First training activities in EU institutions was in March 2017.

WP5: Quality Plan

WP5 is in continuous implementation. The quality assurance plan was finalized. In this context, the main purpose of the Quality Plan Manual is to facilitate the project's management and guide all partners on the evaluation and quality issues, by establishing a coherent set of guidelines by which all aspects of the project are managed and measured. It will be the use of these guidelines that will ensure better collaboration among the consortium members, individuals and groups, and will also ensure that the entire consortium is responsible for and engaged in the work that is produced by the project.

The first questionnaires have been already filled in by partners, and the first quality report was prepared, first training was evaluated.

External Monitor has been hired. His first report was issued in December 2016.

Comments

Positive findings

- 1- The quality committee is active and fulfilling its tasks.
- 2- The Quality Plan Manual ensures the production of concrete and high-quality results in line with the project plans.
- 3- The questionnaires are well prepared
- 4- The communication plan positively uses the internet as a valid and low cost channel for communication

WP6: Dissemination, exploitation of results, and sustainability

Dissemination, and sustainability plans were developed. The project presented a wide range of dissemination activities. Those activities supported the innovation culture in the Jordanian universities, linked the universities with the business sector and fostered the entrepreneurial attitude of young people.

Comments

Positive findings

- 1- Information days gathered a wide variety of stake holders.
- 2- The newsletter were published and distributed as planned.
- 3- The attendance of the workshops showed positive feedback of the project's objectives.

WP7: Management and Operational Structures

WP7 is going as planned. Local and management meetings took place as scheduled.

All INVENT committees were established in the kick-off meeting. External auditors have been hired.

Positive findings

- 1- The committees which were established during the kick-off meeting are fulfilling their tasks.
- 2- The progress reports were presented.