



INEVENT implementation at UJ

Prof. Ahmed Al-Salaymeh
The University of Jordan
September 26, 2018



- Achievement in Development WP
- Achievement in Dissemination WP
- Achievement in Sustainability WP



Development Activities



- UJ cooperated in assessing local needs and prepare the report
- Establishment and equipment of the CTIs
- Many training workshops and activities were conducted by CTI at UJ
- UJ staff participated in European training workshop
- Conferences and training workshops were conducted at UJ
- Partnership agreement were signed with stakeholders
- Implementation of Innovation and Creativity courses



CTI at the University of Jordan

- CTI-UJ was established and equipped
- CTI-UJ is helping in implanting and developing the National Policy and Strategy for Science, Technology and Innovation.
- CTI-UJ is developing a framework for supporting entrepreneurs to help them getting their innovative ideas transferred into the markets
- CTI-UJ is seeking to establish a cooperation between representatives from research, student and business sectors and investors and the university.



Made in Jordan Workshop

March 26, 2017

- The event aims to introduce the status of the industry in Jordan, and the success stories of some industries.
- An exhibition for many local companies that succeeded in manufacturing their products in a high quality was held.
- INVENT project was introduced to the participants during the workshop.



Entrepreneurship Workshop

April 18, 2017

- The training was delivered by Oasis500, which is a leading seed investment company and business accelerator in the Tech and Creative Industry spaces based in Amman, Jordan.
- The training aims at enabling great entrepreneurs to transform their viable ideas or creative talents into scalable businesses.



Role of Science and Technology in industrial development: Innovation road map Workshop

December 18-20, 2017

- Aimed to:
 - promote the creativity and innovation to achieve a developed and sustainable Arab industry,
 - figure out the administrative and legislative procedures for the protection of industrial property,
 - draw a map for innovation in Jordan
- The minister of higher education in Jordan and the president of the University of Jordan have attended the opening ceremony and delivered a welcome speech.
- Representatives of government and private sector and research centers from ten different Arabic countries have participated in papers about innovation and linking academia with industry.



Innovation and Entrepreneurship Basic Concepts and Teaching Skills

February 20, 2018

The workshop provided:

- The basic knowledge in innovation and creativity,
- Strategies and methods of teaching and discovering innovation and creativity,
- Ways to use effective and modern management in teaching creativity and encourage participation
- Interactive learning and creative thinking and innovation commensurate with the requirements of the age.



The Regional Seminar on "Technological Innovation in Water for Sustainable Development"

June 26-28, 2018

Aims to improve the Innovation part in water sector in Jordan and Arab region.

The seminar covered different topics in innovation in the water sector Like innovative Wastewater treatment Technologies, Innovative Technology in sanitation, Innovative rain water harvesting techniques and sustainable food production with addressing climate change impact.



- A course on (Innovation and Creativity) was developed at Industrial Engineering department at the University of Jordan and it is open for university students from different disciplines.
- During the course, 30 students at the University of Jordan have succeeded in establishing six projects for startup companies holding creativity and innovation.
- The students learned a set of advanced skills starting with the preparation of market studies, the formation of teams and passing by making an action plan to distribute it in an administrative and economic way.



- Release Program "Empowerment and Youth Development" in cooperation with the Jordanian Hashemite Fund
- Organization of "The International Conference on Technology Innovation, Management, and Entrepreneurship" in 2017
- Holding a training and competition at the University of Jordan.
- Conduct a Free Training Course about (Android Programming).
- Introductory Seminar on Entrepreneurship and Presentation of the Oasis500 Experience in Entrepreneurship in Jordan and Investment in Leading Companies.



- Hosting of Mr. Marwan Juma, former Minister of Communications and Information Technology and Chairman of Oasis 500.
- Entrepreneurship competitions in partnership with various parties
- Hosting Ahmed Al-Ashqar Executive Director of the competition Hult Prize
- A lecture entitled "Developing Marketable Entrepreneurship and Partnerships with the Private Sector" was delivered by Dr. Don Ross, Director of kick start at the University of North Carolina, USA.

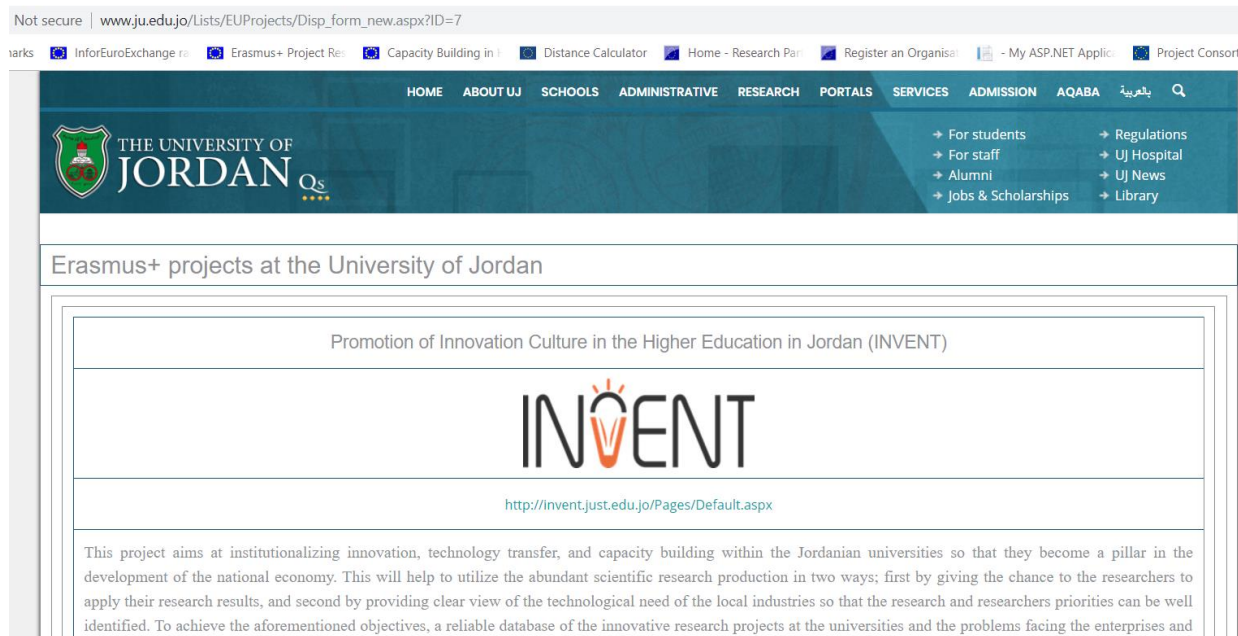


Dissemination Activities



INVENT on UJ website

- INVENT project is promoted on the main website of The University of Jordan at:
http://www.ju.edu.jo/Lists/EUProjects/Disp_form_new.aspx?ID=7



The screenshot shows a web browser displaying the University of Jordan website. The address bar shows the URL: www.ju.edu.jo/Lists/EUProjects/Disp_form_new.aspx?ID=7. The website header includes navigation links: HOME, ABOUT UJ, SCHOOLS, ADMINISTRATIVE, RESEARCH, PORTALS, SERVICES, ADMISSION, AQABA, and a search icon. The University of Jordan logo is visible on the left, and a list of links is on the right: For students, For staff, Alumni, Jobs & Scholarships, Regulations, UJ Hospital, UJ News, and Library. The main content area is titled "Erasmus+ projects at the University of Jordan" and features a section for "Promotion of Innovation Culture in the Higher Education in Jordan (INVENT)". The INVENT logo is prominently displayed, along with the URL <http://invent.just.edu.jo/Pages/Default.aspx>. Below the logo, a paragraph describes the project's aim: "This project aims at institutionalizing innovation, technology transfer, and capacity building within the Jordanian universities so that they become a pillar in the development of the national economy. This will help to utilize the abundant scientific research production in two ways; first by giving the chance to the researchers to apply their research results, and second by providing clear view of the technological need of the local industries so that the research and researchers priorities can be well identified. To achieve the aforementioned objectives, a reliable database of the innovative research projects at the universities and the problems facing the enterprises and".



INVENT project was promoted in The International Conferences.

INVENT brochures were distributed among the participants, and Prof. Ahmed Al-Salaymeh presented a brief about the project.

- The International Conference of Sustainable Electricity Generation for the , October 4-5, 2016
- First International Conference on "Mechanical Engineering and Its Applications, October 8, 2017
- Fourth Conference on Applied Electrical Engineering and Computing Technologies, October 11, 2017



- **GCREEDER Conference 2018 , April 3-5, 2018**
- Held under the patronage of HRH Prince Hamzeh Ibn Al-Hussein
- A booth for INVENT project with Roll up and brochures was in the exhibition hall of the GCREEDER 2018.
- A Dissemination and Implementation lecture for European projects including INVENT project was delivered, presented by Prof. Fahmi Abu Al-Rub



Two Info Days for Erasmus+ Projects was held on December 22, 2016, and November 19, 2017

- The Accreditation and Quality Assurance Centre at UJ held the info days to introduce the European funded projects under Erasmus+ Program.
- INVENT project model and its successful story was introduced to the audience, to encourage them to apply for such projects.



A documentary film about the major outcomes of INVENT project were prepared by UJ team
<https://www.dropbox.com/sh/gb5n3k66o0go22g/AAAHNoWyjXpVxm0zqtcsztTDa?dl=0&preview=INVENT.avi>

The film include interviews with key persons in the project talking about the major achievements during the project:

- ✓ Prof. Ahmed Al-Salaymeh, Project Manager at UJ
- ✓ Dr. Ashraf Bay Mohammad, Director of Innovation and entrepreneurship center
- ✓ Dr. Yousef Al-Abdullat, Team member in the project



Sustainability Activities



The sustainability of the project depend on:

- Well established and active network between universities and multiple sectors
- Well established CTI, working based on a business model that enable teachers to apply their research results and attract the private funding.
- Innovation and long term capacity building for the staff

INVENT developed a two-level action:

- creation of a network among innovation Centres in Jordan, an innovative community which will have to keep working on the transfer of knowledge, research and technology results achieved in the academic system
- creates and sustains the birth of Centres for Transfer of Innovation (CTIs) which will have to keep working after the end of the project for existing enterprises and for the generation of startups.

- The CTI at UJ is cooperating with pioneering organizations and institutions to promote the innovation and entrepreneurship at the University of Jordan

- More than 5 cooperation agreements were signed with decent organizations, such as:
 1. Cooperation agreement between the University of Jordan and “INJAZ” to provide services and programs in innovation and entrepreneurship.
 2. Cooperation agreement between “INTAJ” and The University of Jordan for Entrepreneurship promotion in the information technology sector.
 3. Cooperation agreement between “ Amman Chamber of Industry ” and The university of Jordan to connect the research at UJ with the industrial sector.



Thank you

