



تحت رعاية دولة الأستاذ الدكتور عدنان بدران رئيس الجامعة

يتشرف عميد كلية تكنولوجيا المعلومات الدكتور غسان عيسى

بدعوتكم لحضور إفتتاح مركز الإبداع والريادة التكنولوجي

يوم الأحد الموافق 2012/6/17 الساعة 11 صباحاً





# **innovation** Center

Technology for a brighter Future @ **Petra University**

## **Petra University Technology Innovation Center PU-TIC**

Introduction

By

Dr. Ghassan Issa

# Background & Motivations

- Realization of the Administration of the Importance of Innovation, Incubation, and Entrepreneurship
- The need to use technology in learning and the need to find alternative learning methodologies
- Latest advancement in Communication, Social Networking, and their effects on Young people attitudes.
- Degradation of student's performance in traditional classes
- Unexpected performance of students working with team projects

# Description

The Technology Innovation Center at Petra University (PU-TIC) **focuses on stimulating student's creativity** to produce **ideas** that are fostered and enriched and which are **converted to practical business plans**.

The center operation is based on the idea of **enhancing the quality of student's projects** to be able to **serve the local community**, while at the same time providing students with **adequate technical and entrepreneurial skills**.

The innovation center should **support the learning process** of students and must contribute to the overall educational goals and objectives.

The center's operations is highly **dependent on motivated faculty members** who are willing to contribute to the faculty of IT, University, and Society. PU-TIC will give priority to **multi-disciplinary projects** that serve society.

# Philosophy

- Innovation process is an integral part of an overall educational and learning system
- We consider the innovation process, Competition-Based Learning, and Project Based Learning as alternative tools or methodologies that will work hand in hand with traditional approaches of learning.
- We do hope that such a philosophy will succeed in stimulating and motivating students, and hope that it will teach them to assume responsibility and to work with team projects
- We do also hope that this approach of learning will provide students with their own space, freedom, and convert students from passive learners to active ones
- Recent trends in Web and Communication Technologies, and Networked Learning will play a major role in the operation of the innovation Center
- Success indicator:

# Vision

To become an excellence center for Information Technology Innovations in Jordan and in the region.

# Mission

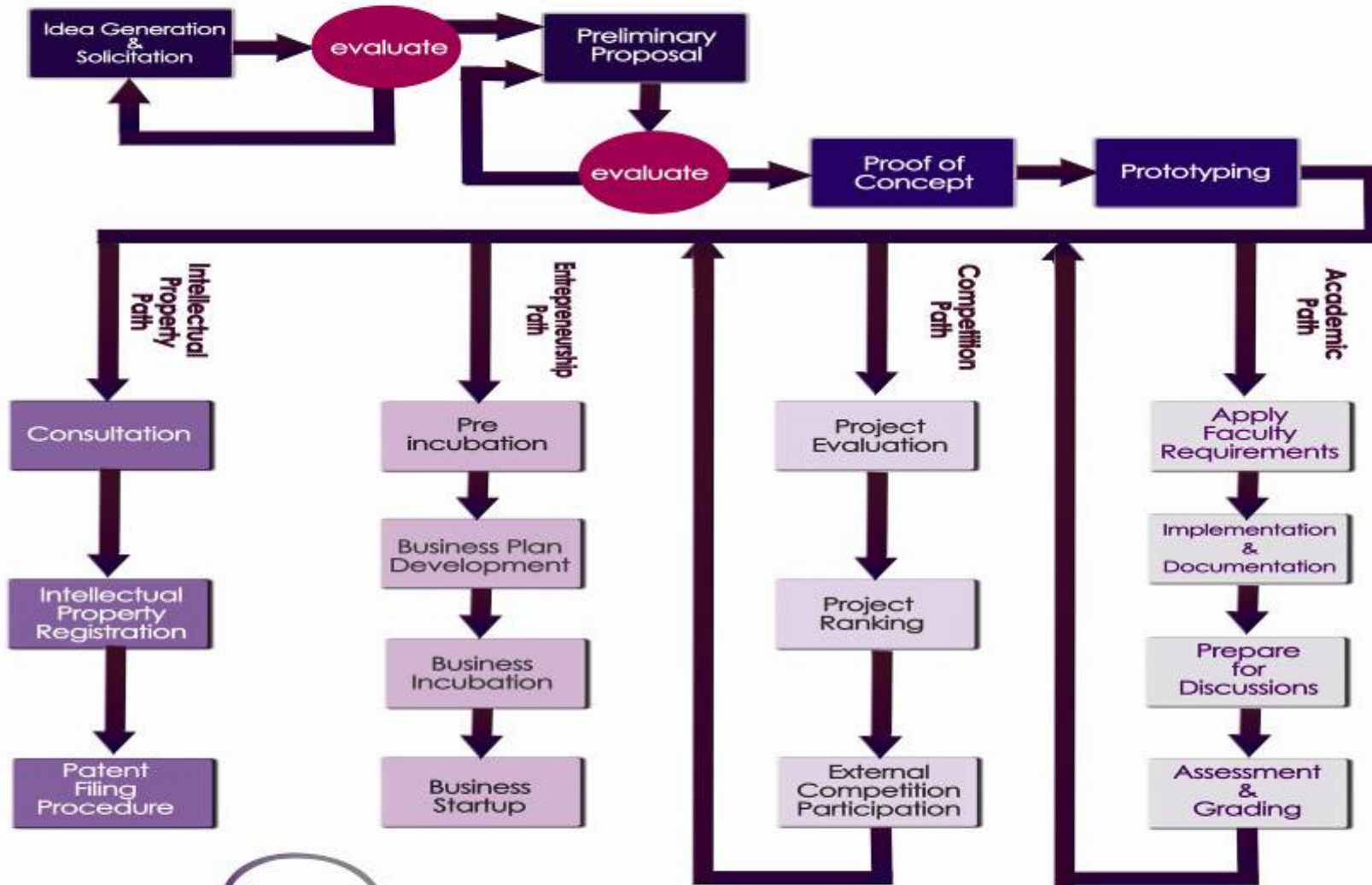
- Providing a dynamic and supportive incubation environment to unleash the potential of students, faculty members, researchers, and the community to engage together in creating technology based innovations to serve society.

# Objectives

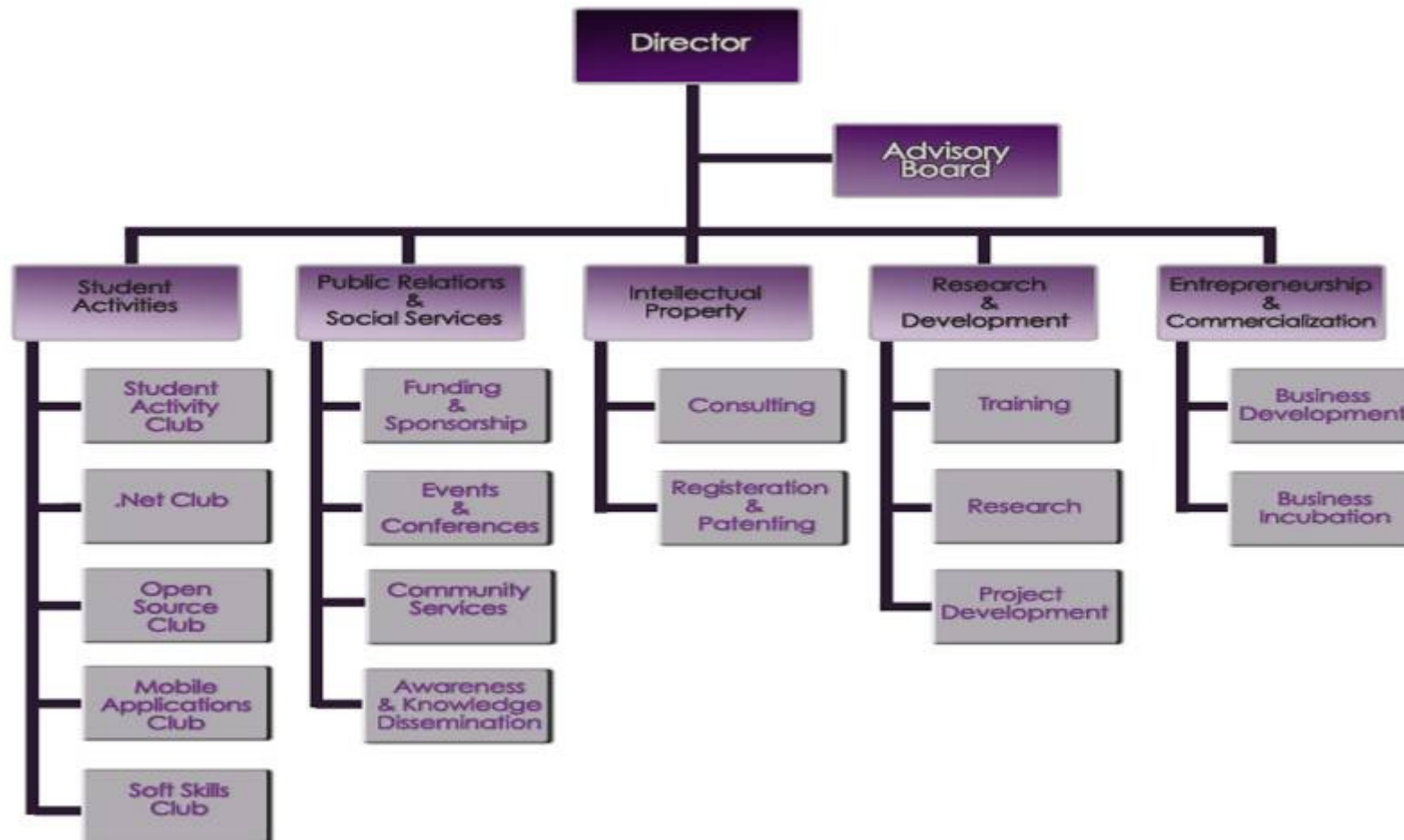
- Enhancing creativity and innovations at the faculty and university levels, and removing barriers for innovation
- Converting innovative ideas into practical solutions that serve the community
- Promoting entrepreneurship amongst students and scholars, and providing them with all prerequisites to become successful entrepreneurs including technical, business planning, and soft skills
- Providing innovators with links to industry partners, research centers, other universities
- Promoting Collaborative and interdisciplinary work
- Establishing strong ties with the local community by providing innovative solutions to society and environmental issues



# Process Flow Diagram for PU-TIC



# PU-TIC Organizational Chart

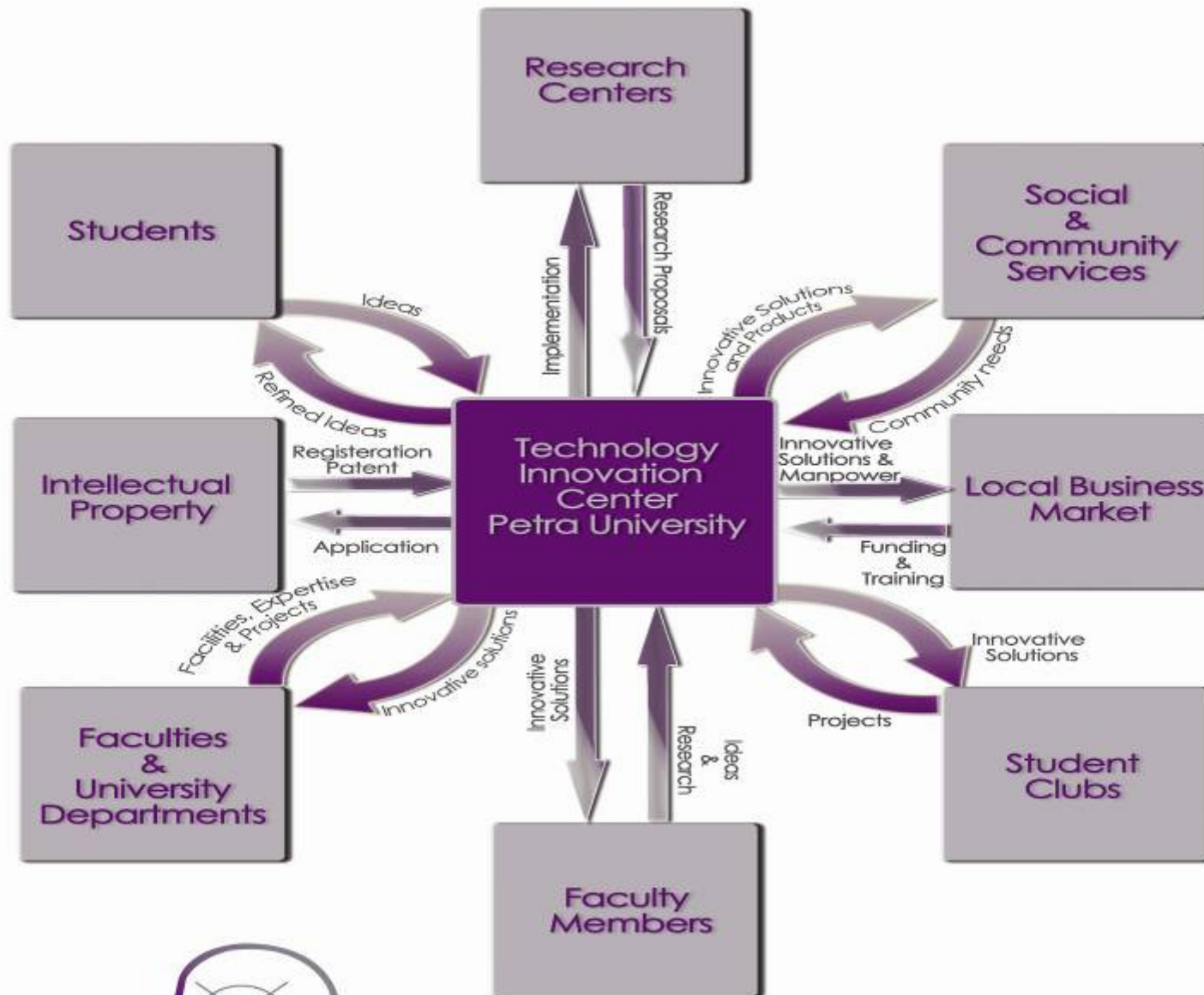


**innovation Center**  
Technology for a brighter Future at Petra University

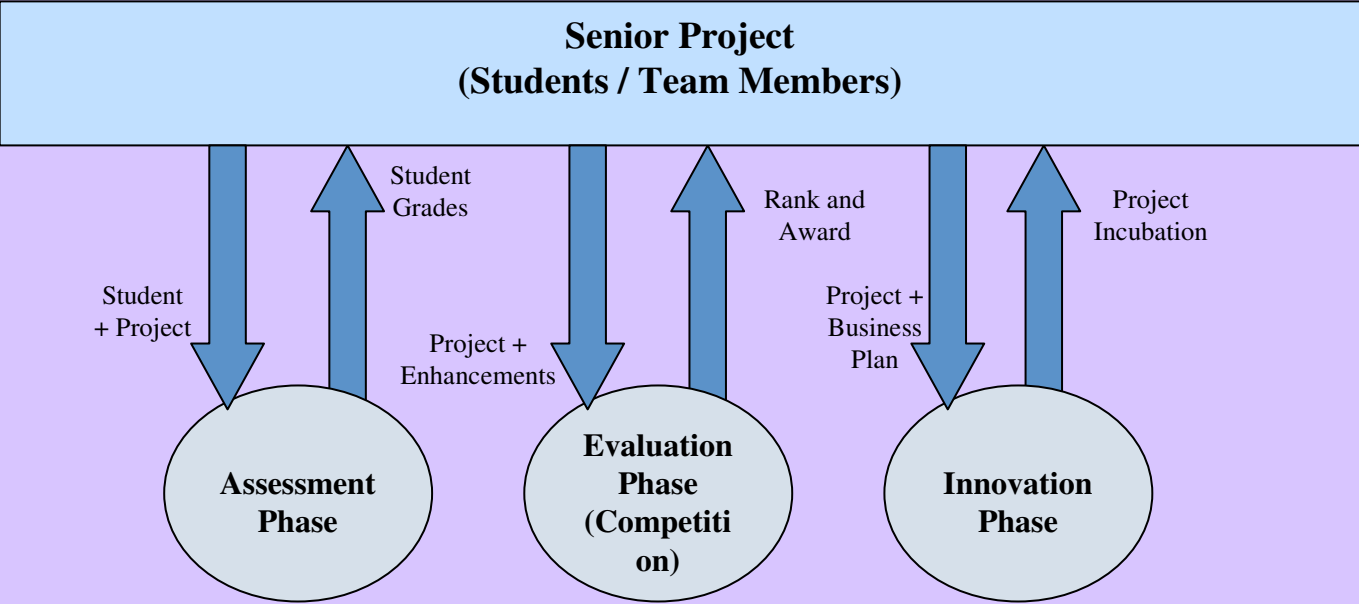
# Current Staff



# External Entities Relationship with PU-TIC



**Innovation Center**  
Technology for a brighter Future at Petra University



# Future Outlook

- Expand PU-TIC Network
- Expand work on Multi-Disciplinary Projects
- Expand the Outcome as well as the Process
- Incorporate the process in the curricula