



**Benha university  
Faculty of education  
Department of  
foundations of education**

# **DEVELOPING THE ACADEMIC RESEARCH CENTERS AT EGYPTIAN UNIVERSITIES IN THE LIGHT OF ENTREPRENEURIAL UNIVERSITY: A STRATEGIC VISION**

**An Abstract Of PH.D. Degree Thesis in Education  
(Foundations of Education)**

***Prepared By*  
Hanaa Mohammed Mohammady Heikal**

**Assistant Lecturer, Foundations of  
Education Department, Faculty of Education,  
Benha University**

***Under The Supervision Of :***

**Prof. Dr. Mohammed Diyaa El-  
Deen Zaher**

**PROFESSOR OF PLANNING &  
FUTURISTIC STUDIES,  
FACULTY OF EDUCATION ,  
AIN SHAMS UNIVERSITY**

**Prof. Dr. WADEIAH MOHAMMED  
ABOU\_ SEIDA**

**PROFESSOUR Of FOUNDATIONS  
OF EDUCATION,  
FACULTY OF EDUCATION,  
BENHA UNIVERSITY**

**2014**

## **STUDY PROBLEM:**

The Present study problem was the low level of academic research, creativity and development which reflect errors in the planning policy in the developing countries. The review of literature revealed that the university research centers had several problems and obstacles. Therefore, the fourth role of university had come up. It focused on the entrepreneurial (or productive) university. Consequently, there was a need for strategic planning in order to develop these centers so as to be useful to the Egyptian community, especially after 25 January revolution and the urgent need for scientists and researchers to help in the promotion of Egyptian society to compete with developed countries. The problem was crystallized and stated in the following main question:

- **How can the academic research centers at Egyptian universities be developed in the light of the requirements of the entrepreneurial (or productive) university?**

This question was subdivided into the following five ones:

- 1- What is the reality of scientific research system in research centers at Egyptian universities?
- 2- What are the main indications and requirements of the entrepreneurial (or productive) university?
- 3- What are the main global and arabic models which adopting the formula of the entrepreneurial (or productive) university ?
- 4- What is the reality of scientific research system in research centers at Benha University?
- 5- What alternative future scenarios are proposed to develop scientific research centers at Benha University?

## **STUDY OBJECTIVES:**

- 1- Diagnosing the reality of scientific research system in research centers at Egyptian Universities .
- 2- Identifying the main indications and requirements of the entrepreneurial (or productive) university .
- 3- Observing the reality of the scientific research centers at Benha University.
- 4- Suggesting a number of proposed scenarios in order to picture strategic change and development features for these centers.

## **STUDY BOUNDARIES:**

The study was limited to scientific research centers at Benha University.

## **STUDY METHODS AND TOOLS:**

The descriptive method and its tools, the system analysis method, and the scenario system were followed because they were the suitable ones for the present study.

## **STUDY terms:**

The following terms were presented and defined: entrepreneurial (or productive) university, scientific research centers, Strategic vision.

## **Outline of the study:**

1. *Step 1*: The general framework of the study : Introduction, Problem, Objectives, Significance, Methods, Boundaries, and Terms.
2. *Step 2*: Theoretical framework for the study: the reality of scientific research system at Egyptian Universities, its scientific centers, and its main problems. Also analysing scientific research system for research centers at Benha University. And also displaying the main indications and requirements of the entrepreneurial (or productive) university, and the main global and arabic models which adopting the formula of the entrepreneurial (or productive) university
3. *Step 3*: The field study framework which included: field study procedures, analysing and interpreting the results of the field study.
4. *Step 4*: Suggesting scinarios for developing scientific research centers at Benha University.

## **STUDY RESULTS:**

### **The present study reached some results such as:**

- 1) Scientific research centers at Benha University are characterized by a set of strengths including:
  - Producing researches which met to some extent the needs of the community and university .
  - Using modern techniques and methods.

- Abundance in the number of researchers.
  - Availability of computers in many centers.
  - Availability of scientific library in the college which includes a center.
  - Availability of cooperation protocols between some research centers and production and services centers.
  - Availability of research disseminating means for most center researches.
  - Availability of the special units in all colleges which include research centers.
- 2) Scientific research centers at Benha University are suffered from a set of weaknesses including:
- Absence of research maps to tackle problems which the center is specialized in.
  - Poor coordination between scientific center strategy inside the college and other scientific centers strategies inside and outside the university.
  - Shortage of personnel and experienced people in some centers.
  - Lack of a clear scientific plan for professional development of researchers.
  - Focus on individual research.
  - Weakness of university funding for the center.
  - Scarcity of a magazine inside the scientific center.
  - Absence of other entrepreneurial (or productive) university mechanisms from all research centers and Benha University colleges.

\*\*\*\*\*

