

# Towards Advanced Science in Egypt

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## Introduction

The world moves towards new thinking in sciences and scientific research. The traditional sciences are not now the responsible for the scientific progress. New areas of sciences emerged as in biotechnology, nanotechnology, laser etc.

To encourage the scientific research in Egypt, a specialized governmental faculty was founded to give diploma, master or PhD degree in one advanced science (Biotechnology, nanotechnology or environmental & industrial development) (Figures 1 and 2). This is the first specializing faculty in Egypt, Arab countries and Africa established for Graduate Studies specialized in advanced sciences. It contains three main departments and four units. The faculty provides services as availability of high efficiency and modern instruments and labs for the students to work for scientific research at an advanced level. The courses are taught as credit hour systems. The courses are related to biosafety especially in the department of Environmental and industrial. The faculty is ready for Hosting foreign professors and exchange of expertise by student's grants.

## Departments

- Department of Materials Science and Nanotechnology
- Department of Biotechnology and life sciences
- Department of Environmental Science and industrial development



**Figure 1:** Faculty of Graduate Studies and Advanced Science, Beni suef, Egypt

## Four Units

- Publishing Unit
- Supporting and Funding Projects' Unit
- Unit linking research with industry
- The European Program and External communications' Granting Unit

## Fields of the conference are in three main categories

- Nanoscience & Advanced Materials, Polymers, Ceramics, Composites, Catalysis, Gas sensing materials, Electrochemistry & Photochemistry.
- Biotechnology, bioinformatics, molecular biology, in silico drug design, drug discovery & biosensor technology
- Environmental Science, Industrial chemistry and Water treatment
- Others ... as natural products and their relation and emerging in the above areas, etc...(Figure 3)



**Figure 2:** Lab. (1) of Nanotechnology

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**Key Dates**

15th Jan, 2014	abstract submission deadline
1st Feb, 2014	publication of acceptance
16th Feb, 2014	Full paper submission

**Language**

The official language of the conference is English.

**Abstract Form Outline**

The following style should be followed for preparation of abstract

<b>Paper title</b>	Font size 14, Bold, Times New Roman, Single space
<b>Authors</b>	Font size 12, Normal, Times New Roman, Single space
<b>Address (company with email)</b>	Font size 11, Bold, Times New Roman, Single space
<b>Abstract</b>	Font size 12, Normal, Times New Roman, 1.5 space

**Full paper Submission**

The manuscript of full paper (including tables, figures etc.) shall not exceed 20 pages (A4, double spacing, Times New Roman, font size 12). The paper should be prepared as per the style of Basic-Suof University Journal of Basic and Applied Sciences (<http://www.ebsu.net/journals/basic-suof-university-journal-of-basic-and-applied-sciences>; 2216-8123)

**Poster Dimensions**

Please ensure your poster does not exceed the poster board dimensions, 75cm wide x 150cm high.

**Participation Fees**

	Registration	Other information
Full Participant	1250 L.E. 400 Euro	
Accompanying person	1100 L.E. 400 Euro	

The participation fees covers admission to the conference, printed materials, electronic copies, full Accommodation in a four stars resort at Ain Sokhna on the shore of Red Sea.

**Method of payment**

- Cash money
- Cheque
- Through bank

**Objectives**

- To empower the mutual relationship between postgraduate studies and the industry.
- To exchange the latest knowledge between the national and international institutes in all fields of basic and applied sciences.
- To present the ongoing research through national and international keynote speakers, oral presentations and posters.

**The Trust Mark**

Previously, the steering committee successfully held conferences at different areas on national, Arab and international levels.

**Topics**

Fields of the conference are in three main categories:

- 1- Nanoscience & Advanced Materials, Polymers, Ceramics, Composites, Catalysis, Gas sensing materials, Electrochemistry & Photochemistry.
- 2- Biotechnology, bioinformatics, molecular biology, in silico drug design, drug discovery & biosensor technology.
- 3- Environmental Science, Industrial chemistry and Water treatment

**Organizers Committee**

**Chairman of the conference**

Prof. Dr. Mohamed Khedr  
Dean of Faculty of Postgraduate Studies for Advanced Sciences

**Principal Organizers of the conference**

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**2nd International Conference on Advanced Basic & Applied Sciences (ABAS II)**

**Ain Sokhna, Egypt**  
2 - 4 April 2014

**Prof. Dr. Amin Lotfy**  
President of Basic-Suof University

**Prof. Dr. Tareef Shawky**  
Vice President of Basic-Suof University

**Prof. Dr. Mohamed Khedr**  
Dean of Faculty of Postgraduate Studies for Advanced Sciences

Figure 3: 2<sup>nd</sup> International Conference on Advanced Basic and Applied Studies (ABAS II) 2-4 April, 2014