



Fayoum University
Faculty of Education
Curriculum & Instruction Department

**The Effect of the Interaction between EPSS Pattern and Cognitive Style on
Developing Learning Objects Production Skills of
"Faculty of Education" Graduate Students**

A Dissertation
Submitted in Partial Fulfillment of the Requirements for the
Ph. D. Degree in Education
(Education Technology Instruction)

By
Eman Saad Abd El Halim Ali
An assistant Lecturer at
Curriculum & Instruction Department
Faculty of Education - Fayoum University

Supervised by

Prof. Zeinab Mohamed Amin
Professor of education technology and
dean of the Faculty of Specific
Education-Minia University

Prof. Ali Ali Abdel-Tawwab
Professor of education technology and
Vice Dean for Community Service and
Environmental Development Affairs -
Faculty of Education-Fayoum
University

Abstract

Research Title: The Effect of the Interaction between EPSS Pattern and Cognitive Style on Developing Learning Objects Production Skills of "Faculty of Education" Graduate Students

Candidate's Name: Eman Saad Abd Elhalim Ali

Supervisors: Prof. Zeinab Mohamed Amin

Prof. Ali Ali Abdel-Tawwab

Degree: Ph.D in Education

Specific Specialty: Education Technology

Awarded by: Department of Methodology and Curricula, Faculty of Education, Fayoum University

Research Language: Arabic

Year of Award: 2016 AC.

The problem of the search lies in the the weakness of the graduate students at the Faculty of Education, who are specialized in education technology, in the skills of producing learning objects that the research aims to develop, by examining the impact of the interaction between the patterns of e-performance support (internal and external) and the cognitive style of the learner (dependent and independen) of the cognitive area. The research has shown the effectiveness of the e-performance support systems (internal and external) in the development of the skills of producing learning objects. The research has also revealed the lack of statistically significant differences among the sample students as a result of the interaction between the patterns of e-performance support and the cognitive style of the learner in development of these skills.

Key Words:

Electronic Performance Support Systems- Learning Objects- Cognitive Style