

51

Inf. Sci. Lett. Vol. No. (2023)

Information Sciences Letters

*An International Journal*

 [http://dx.doi.org/10. 18576/jehe/01010](http://dx.doi.org/10.12785/jehe/01010)1

**Effect of Adopting Blackboard ………………. (16 Times New Roman)**

*R. Al-Ajlan*1*, W. Khalifa* 2 *and H. Atta* 3

1Department of Psychology, College Arts, Taif University, Kingdom of Saudi Arabia

2Department of Educational Psychology and Educational Statistics, Faculty of Education, Al-Azhar University, Egypt

3Department of Special Education Faculty of Education, Taif University, Kingdom of Saudi Arabia

Received: 21 Feb. 2022, Revised: 22 Mar. 2022, Accepted: 24 Mar.2022.

Published online: 1 May. 2023.

**Abstract:** We identify the role of adopting Blackboard system in light of the Coronavirus pandemic in developing the skills of its use and academic achievement …………………...

**Keywords:** Academic Achievement, Blackboard, Coronavirus, University students.

# 1 Introduction

Spread of the Coronavirus (COVID-19) pandemic is a major humanitarian, medical, educational, social, economic, and political issue in 2020 AD [1]. It affected lives as well as money globally. Moreover, it revealed all countries' educational foundations and willingness to adopt distance learning [2], as a precaution, to reduce its consequences [3-12].

Saudi Arabia has taken important steps to activate the role of technology in higher education by developing a national plan for information technology. It recommended adopting and applying e-learning and distance learning and in higher education [4-10]. E-learning management system (Blackboard) is one of the educational systems used in the largest international universities because of its effectiveness, safety, and confidentiality. Thus, Saudi universities have adopted it [11]. In addition, it is a global learning management system that outweighs other systems and provides various educational opportunities that remove all barriers and obstacles facing educational institutions and learners. It is also flexible and can be developed easily [12].

Blackboard system is defined educationally as an education system that involves connected and disconnected models of education. Connected models are often online, while the offline ones occur in traditional classes [13]. ………………..…

**2 Methodologies**

The present research adopted the descriptive method due to its appropriateness for the research and its objectives.

**3 Results**

The scale of the role of adopting E-learning Management System in developing the skills of its use among the students of Taif University ( prepared by the authors).

A. Objective: Verifying the role of adopting E-learning Management System in developing the skills of its use among the students ……………….

B. Description: The scale consists of (33) items distributed to (5) domains. The items (1-6) represent the domain of sign in the system, the items (7-13) represent the domain of interaction with courses and learning using the system, the items (14-20) denote the domain of communication skills, the items (21-26) represent the domain of the skills of attending lectures, and the items (27-33) represent the domain of e-evaluation skills.

**4 Discussions**

Findings of the first question indicated that adopting E-learning Management System (Blackboard) in light of the Coronavirus pandemic developed the skills …………………..

Findings of the second question indicated that, ………………

**5 Conclusions**

 In the present study, a new model of power Shanker distribution is introduced named as weighted power Shanker distribution with three parameters and its different statistical and mathematical properties are investigated and studied. The subject distribution is generated …………………………

………………………………………………………………………

**6 Recommendations**

The research recommends activating the role of Blackboard system in Saudi universities in light of crises, in general, and Coronavirus pandemic in particular, due to its positive impact in this field as well as conducting relevant researches.

***Conflicts of Interest Statement***

*The authors certify that they have NO affiliations with or involvement in any organization or entity with any financial interest (such as honoraria; educational grants; participation in speakers’ bureaus; membership, employment, consultancies, stock ownership, or other equity interest; and expert testimony or patent-licensing arrangements), or non-financial interest (such as personal or professional relationships, affiliations, knowledge or beliefs) in the subject matter or materials discussed in this manuscript.*

***Acknowledgment:***

**…………………………………………..**

**References**

[1] Abdelkareem, R. & Al-Rowees, A. (2015). The effectiveness of teaching the course of an introduction to learning and teaching in the light of the principles of social constructivism theory using Blackboard system in the achievement of the students of College of Education at King Saud University and their attitudes towards it*. Shaqra University Journal*., **(4)**, 51-92 (2015) DOI: …………..

[2] Abdelwahab, M.(2016). The effectiveness of collaborative e-learning based on the use of E-Learning Management System (Blackboard) in developing electronic design skills and retention of the impact of learning among the students of the College of Computers at the Islamic University of Madinah. *The Educational Journal*., **(46)**, 301-326 (2016) DOI: …………

[3] Abu Al-Anin, Y.(2018). The effectiveness of adopting blended learning strategy via Blackboard in developing the skills of developing electronic programs and learning and thinking patterns as well as the attitude towards them among the students of the Faculty of Education. *The Educational Journal.,* **(56)**, 257-318 (2018) DOI: ……………….

[4] Abu Al-Hajj, A. (2019). The reality of using Learning Management System (Blackboard) from the perspective of Qassim University students in studying introduction to Islamic culture course. *Journal of the Faculty of Education*., **35(2)**, 1-28 (2019) DOI: ………………..

[5] Al-Benyan, R. (2019). Evaluating Umm Al-Qura University's experience in using E-learning Management System (Blackboard). The Arab Journal of Educational and Psychological Sciences, The Arab Foundation for Education, Science and Arts., **(8)**, 75-98 (2019) DOI: ………………..