



Document details

< Back to results | 1 of 1

↗ Export Download Print E-mail Save to PDF ☆ Add to List More... >

Full Text

View at Publisher

International Review of Applied Sciences and Engineering
Volume 10, Issue 2, 2019, Pages 193-206

The effect of information seeking behavior on online database usage among the undergraduate students (Article) (Open Access)

Zulkifli, Z.^a ✉, Salwana, E.^b ✉, Salahuddin, A.A.^a ✉, Daud, N.H.M.^a

^aKulliyyah of Information and Communication Technology, International Islamic University Malaysia, P.O. Box 10, Kuala Lumpur, 50728, Malaysia

^bInstitute of Visual Informatics, Universiti Kebangsaan Malaysia, Bangi., Selangor 43600, Malaysia

Abstract

View references (27)

Every year the library of IIUM subscribes to quite a number of online databases with huge expenses but the utilization of these databases is countable. 10 out of 53 subscriptions have been terminated by 2015 to save the cost go in vain. The purpose of this paper is to develop a model based on the ISB elements to identify the reason behind this low usage and to increase the usage of online databases in the future. It has undertaken a quantitative approach to identify the elements of ISB among undergraduate (UG) students. The primary data has been collected through questionnaires based on the variables identified in the objective. There are 118 samples participating in this research and the proposed model has been adapted from Savolainen and Wilson. Psychological perception, searching strategies and the information resources have been considered as the independent variable and measured the usage of the online database among UG students as the dependent variable. The results have shown that there are seven elements which have an influence on the usage of the online database among IIUM UG students. Despite the limited number of samples and a specific group of students, the proposed model can enhance the usage of online database system subscribed to by IIUM library and a search engine can be developed to get the usage increased. In that sense, it is recommended to involve more participants from the different levels of students and users to get diverse elements of ISB. However, the paper contributes to bridging the gap between the online database usage and the users, believed to have an effective outcome for online database subscription. It is hoped that the proposed model would significantly fill this gap and help the library to increase the number of users for their expensive databases. © 2019 The Author(s)

SciVal Topic Prominence ⓘ

Topic: Information | Information retrieval | Search behaviors

Prominence percentile: 92.708



Author keywords

Information behavior

Information seeking behavior

Model development

Online database

Metrics ⓘ View all metrics >



PlumX Metrics

Usage, Captures, Mentions, Social Media and Citations beyond Scopus.

Cited by 0 documents

Inform me when this document is cited in Scopus:

Set citation alert >

Set citation feed >

Related documents

The topical interconnections within the realm of information behavior research

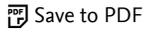
Tang, R., Ni, C. (2017) *Proceedings of the Association for Information Science and Technology*

Informational behavior in a scientific community formed from institutional collaborative project implementation | Comportamento informacional em uma comunidade científica formada a partir da implementação de projetos colaborativos institucionais | Comportamiento informacional en una comunidad científica formada a partir de la implementación de proyectos colaborativos institucionales

Rivero, D.V., Molina, M.P., Dante, G.P. (2014) *Perspectivas em Ciencia da Informacao*

From information seeking behavior to knowledge seeking

References (27)

[View in search results format >](#) All [Export](#)  Print  E-mail  Save to PDF [Create bibliography](#)

-
- 1 Savolainen, R.
Information behavior and information practice: Reviewing the "umbrella concepts" of information-seeking studies
(2007) *Library Quarterly*, 77 (2), pp. 109-132. Cited 154 times.
doi: 10.1086/517840
[View at Publisher](#)

-
- 2 Wilson, T.D.
Human information behavior
(2000) *Informing Science*, 3 (2), pp. 49-55. Cited 726 times.

-
- 3 Xie, I.
Information searching and search models
(2011) *Encyclopedia of Library and Information Sciences, Third*, pp. 2592-2604. Cited 6 times.
Edition, August 2013
<http://doi.org/10.1081/E-ELIS3-120043745>

-
- 4 Pal, A., Poyen, E.F.
Problem solving approach
(2017) *International Journal of Advanced Engineering Research and Science (IJAERS)*, 4 (5), pp. 184-189. Cited 2 times.

-
- 5 Hjørland, B.
Theories of knowledge organization - Theories of knowledge
(2013) *Knowledge Organization*, 40 (3), pp. 169-181. Cited 42 times.
[View at Publisher](#)

-
- 6 Shakeel, A., Vinayagamoorthy, P.
Information seeking behaviour of business school students: A special study of universities and colleges located in Academic City, Dubai, UAE
(2013) *Academic Journals*, 5 (11), pp. 447-456. Cited 6 times.
<http://doi.org/10.5897/IJLIS2013.0402>

-
- 7 Malik, A., Mahmood, K.
Web search behavior of university students: A case study at University of the Punjab
(2009) *Webology*, 6 (2). Cited 14 times.
<http://www.webology.ir/2009/v6n2/a70.html>
[View at Publisher](#)

behavior: Analysis of conceptual and theoretical evolution

Akbari, A. , Rigi, T. , Fattahi, R. (2019) *Iranian Journal of Information Processing and Management*[View all related documents based on references](#)[Find more related documents in Scopus based on:](#)[Authors >](#) [Keywords >](#)