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6th International Innovation & Design in Library & Information Science Competition (InDeLib2023)



MAPPING THE LIBRARY OF TOMORROW THROUGH INNOVATION

Editors

Asmadi Mohammed Ghazali
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Zuraidah Arif
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Dewan Perdana,
UiTM Kedah

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PREFACE

The first International Innovation & Design in Library & Information Science Competition (InDeLib) was held in 2016 at the international level. InDeLib became a brand name linked to the Faculty of Information Management, UiTM Kedah Branch, known to many local and international learning institutions. InDeLib is open to all organizations (libraries), librarians, professionals, researchers, academicians, teachers, and students from institutes of higher learning, college, secondary and primary schools. They share their ideas or methods throughout innovation and invention, particularly in library and information science. The 6th InDeLib 2023 is endorsed by the Librarians Association of Malaysia and the National Library of Malaysia.

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RESEARCHER HUB: A UNIFIED AND CENTRALIZED PLATFORM FOR STREAMLINING RESEARCHER PROFILE IDENTIFICATION

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Abstract

At Universiti Pertahanan Nasional Malaysia (UPNM), it is a standard procedure to check each candidate's record of publications before staff promotions or contract renewals, and the librarian oversees providing this information. However, this procedure becomes challenging when the researcher's profile has a different identification or utilizes a different author's name. Thus, this system aims to streamline the search process by developing a unified and centralized platform that can identify the profiles of UPNM researchers within Scopus, Google Scholar, and ORCID. Researcher Hub aims to provide a seamless and efficient experience for identifying staff profiles while tackling duplicate profiles across those platforms. This system also includes features to search for journal information such as impact factor, quartile and CiteScore within a single platform. Furthermore, the system positively impacts all parties involved, particularly the librarians, who will eventually be able to produce precise publication information.

Keywords

Research Information Management, Researcher Profile, Researcher Hub.

Product Description

Researcher Hub is a comprehensive web-based application streamlining research network management and search. It was developed using Bootstrap and DataTables. The system also seamlessly integrates with leading research platforms, enabling us to locate and connect with researchers based on their Scopus ID, Google Scholar profile, or ORCID. Direct links to these platforms further enhance the research collaboration by providing immediate access to researchers' publications and professional information. In addition, librarians can retrieve information about the UPNM researcher's status using Researcher Hub. Additionally, Researcher Hub also has the features of CiteScores and Impact Factors that make this system more precise.

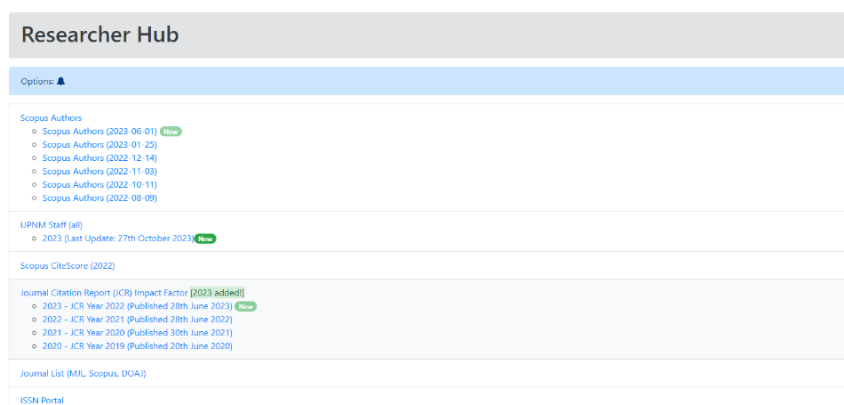


Figure 1: Researcher Hub's interface

Scopus Author: 1st June 2023

Show 10 entries Search:

Subject Area	UPNM ID	Full Name	Scopus Profile Name	Scopus ID	ORCID	Google Scholar
	0015-07	Prof. Dr. Jowati Binti Juhary	Juhary, Jowati	36554365700	0000-0002-5314-1195	8jLZS-AAAAJ
	0016-07	Prof. Madya Dr. Dian Darina Indah Bte Deruis	Darus, Dian Darina Indah	36117895200	0000-0001-8739-9517	zULqL-YAAAAJ
	0017-07	Prof. Madya Dr. Wan Norhasniah Bte Wan Husin	Wan Husin, Wan Norhasniah	54405441200	NA	aKXToekAAAAJ
	0018-07	Prof. Madya Ts. Dr. Suzaimah Bte Ramli	Ramli, Suzaimah Binti	24492727300	NA	Y2NmniKjAAAAJ
	0019-07	Ts. Norulzahrah Binti Mohd Zainudin	Zainuddin, Norulzahrah Zahrah Mohd	57226645574	0000-0002-2819-1246	eDznIOIAAAAAJ
	0019-07	Ts. Norulzahrah Binti Mohd Zainudin	Zainuddin, Norulzahrah Mohd	58123900400	0000-0002-2819-1246	eDznIOIAAAAAJ
	0019-07	Ts. Norulzahrah Binti Mohd Zainudin	Zainudin, Norulzahrah Mohd	57989555300	0000-0002-2819-1246	eDznIOIAAAAAJ
	0019-07	Ts. Norulzahrah Binti Mohd Zainudin	Mohd Zainudin, Norulzahrah Zahrah	54929852600	0000-0002-2819-1246	eDznIOIAAAAAJ
	0021-07	Prof. Madya Dr. Zuraini Binti Zainol	Zainol, Zuraini	36702332600	0000-0002-6881-7039	NA
	0022-07	Prof Madya Mohd Aari Bin Md Nor	Md Nor, M. A.	56451015500	NA	NA

Showing 1 to 10 of 1,078 entries Previous 1 2 3 4 5 ... 108 Next

Figure 2: Scopus author's page interface

Novelty & Uniqueness

The novelty and uniqueness of this system is based on several factors. Uniformity of format is essential in obtaining the profiles of UPNM researchers faster and more accurately. However, this procedure creates problems for librarians when researchers must provide or update their publications' current unique ID. Therefore, Researcher Hub has been developed to standardize the profile of UPNM researchers to ensure that the correct publications are under the correct unique ID owner. The difficulties faced by the librarians have been solved by developing the system called 'Researcher Hub'. The system is an integrated and centralized platform designed to compile information from Scopus, Google Scholar, and ORCID. By identifying and managing duplicate profiles, the system also collects accurate information, reduces confusion, and maintains the data integrity of UPNM research. Besides, the system can also be customized based on other departments' specific needs, enhancing its uniqueness. Additional information like impact factor, quartile and CiteScore can be retrieved within this platform.

Benefit to Mankind

This system helps librarians provide accurate and fast publication information for promotion or contract renewal purposes. It also helps researchers identify duplicated researcher profiles and obtain accurate H-metrics. In addition, this system can help researchers obtain information like impact factor, quartile, and CiteScore of Journals.

Potential Commercialization

This system's potential commercialization is creating and implementing one centralized platform that can accurately locate the researcher's profile ID within Scopus, Google Scholar, and ORCID and detect the duplication of profiles. Researcher Hub can also be promoted and extended to other departments needing a comparable solution, building an organized and effective system for locating researchers' profiles and addressing the problem of duplicate profiles. They might use this innovation project to speed up their search procedures and enhance the effectiveness of managing their researcher profiles. This researcher hub's platform can also be customized and integrated using the project's customization and integration services to meet the unique requirements of various departments.

Acknowledgement

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- v. NORFARHANA DEWI graduated with a Diploma in Information Management from Universiti Teknologi Mara (UiTM) in 2009. She gained working experience as a Library Assistant at Perpustakaan Sultanah Zanariah, Universiti Teknologi Malaysia (UTM) Johor Bahru from 2006 to 2013 before moving to UTM Kuala Lumpur in August 2013. Now, she is working at General Tun Ibrahim Library, UPNM, as an Assistant Librarian of the Collection Development Department.