

**Digital Services through Institutional
Repositories
at
Kuching Sarawak Polytechnic Library**

Sabrina Milan

abreen2000@yahoo.com

Kiprawi Sani

kiprawisani@gmail.com

Introduction

- ◆ Kuching Sarawak Polytechnic (PKS) was established in 1988 under the Fifth Malaysia Plan
- ◆ PKS are part of 36 polytechnics and 103 community colleges under administrative Polytechnic and Community College Department (JPPKK).
- ◆ offered 14 programs with nine programs conducted covering engineering and non-engineering fields comprising nine engineering programs, two commerce programs and one information technology programs
- ◆ -+500 employees
- ◆ -+4,500 students
- ◆ PKS library is part of the support units that play an important role in supporting teaching and learning activities to produce competitive polytechnic graduates. The services and facilities provided in the library have made the library as the main reference center and even serve as a leisure center and so on. To date the PKS Library has about 30,000 copies of materials

PKS Digital Institutional Repository (PKS IR)

- ◆ PKS Library benchmark success of Malaysia Universities implementing digital platform using institutional repositories
- ◆ DSpace's capabilities and uniqueness have made ideas and expectations to make knowledge management continue to be relevant in line with the rapid development of technology.
- ◆ (Smith et al., 2003) argues that DSpace will play very important role in the future especially to university libraries and archives.
- ◆ (Biswas & Paul, 2010), explains that the role played by repositories in managing and disseminating information generated by institutions digitally will help preserve long-term digital resources.
- ◆ DSpace has transformed a traditional library to a digital service. Effectively, low cost, growing digital services and open nature.
- ◆ (Zainab, 2010) open access will dominate the scholarly world where it helps authors share research knowledge and information with others as much as possible.

The Success of the PKS Digital Repository of Institutions

Community	Total
Archives	90
Aricles on Research & Innovation	25
Conference Paper	35
Examanition Paper	2,458
Freesias	5
Image	84
PKS's Director Speech	25
Publications	64
Record Management	1
Tracer Study Reports	7
	2,794

Impact of Institutional Repository

◆ **Research Information Management**

- ◆ academic lecturers are the largest contributor to the research data available in PKS IR which are obtained through research and presentation
- ◆ efficient intellectual information management is created so that aspects of knowledge sharing and reference services can be done more easily

◆ **Centre of Archive**

- ◆ Archival materials have been successfully through the digitization process so that they have added value and are also preserved
- ◆ These materials are highly valued based on their content, historical value and also the year of publication

◆ **Cost**

- ◆ Maintenance done by internal expertise.
- ◆ effective and many benefits

◆ **Open Access**

- ◆ The PKS IR has enabled materials such as the archive collection, research materials to be publicly accessible and more widely available through the internet network
- ◆ Benefits end users and scholar's

Challenges And Issues

◆ Knowledge Sharing

- ◆ (Kamraninia & Abrizah, 2010) authors still rarely upload materials and meetings in the form of training should be held to promote the institutional repository.
- ◆ Awareness among lecturers on IR PKS is still at a satisfactory level
- ◆ contribution of research
- ◆ (Okoroma, 2018) argue that the awareness of researchers and lecturers of institutional repositories is an important element in creating a significant role and benefit if they use IR to develop research results. materials is still low because they prefer other platforms.

◆ Digitization budget

- ◆ (Harun, 2010) propose appropriate budget allocations to facilitate digital library planning. It is necessary for the development of digital libraries, training, database maintenance, hardware and software, infrastructure, provision of online services and also maintenance.
- ◆ used of existing equipment and tools to make the project a success

◆ IT Expertise

- ◆ a group of experts in PKS are fully utilized to carry out technical work such as upgrades and maintenance to ensure the continuity of PKS IR

Continue...

◆ **Copy Right**

- ◆ The ever -evolving technology has made it a more challenging issue for libraries and librarians
- ◆ (Zainab, 2010) mention that problems such as copyright ownerships seem to be able to be resolved, as attitudes are beginning to change. More e-print, e-journal and print journal publishers are going green by allowing authors to retain the copyright to their works.

Conclusion

- ◆ Visibility
 - ◆ (Kamraninia & Abrizah, 2010) the primary reason for establishing institutional repositories is to increase the visibility of the institution's research output by making it Open Access.
 - ◆ (Joo et al., 2018) argue that institutional repositories not only serve as a compelling digital place for researchers to store, manage and preserve their scholarly materials, but also as an online venue to distribute those materials effectively, potentially increasing the impact and visibility of res
- ◆ Polytechnics needs to make the university in Malaysia as a benchmark which has successfully developed a repository institutional platform that successfully forms a pool of high value academic materials
- ◆ The importance of educational institutions to implement open access to visibility of research findings and corporate memories.

Appendix



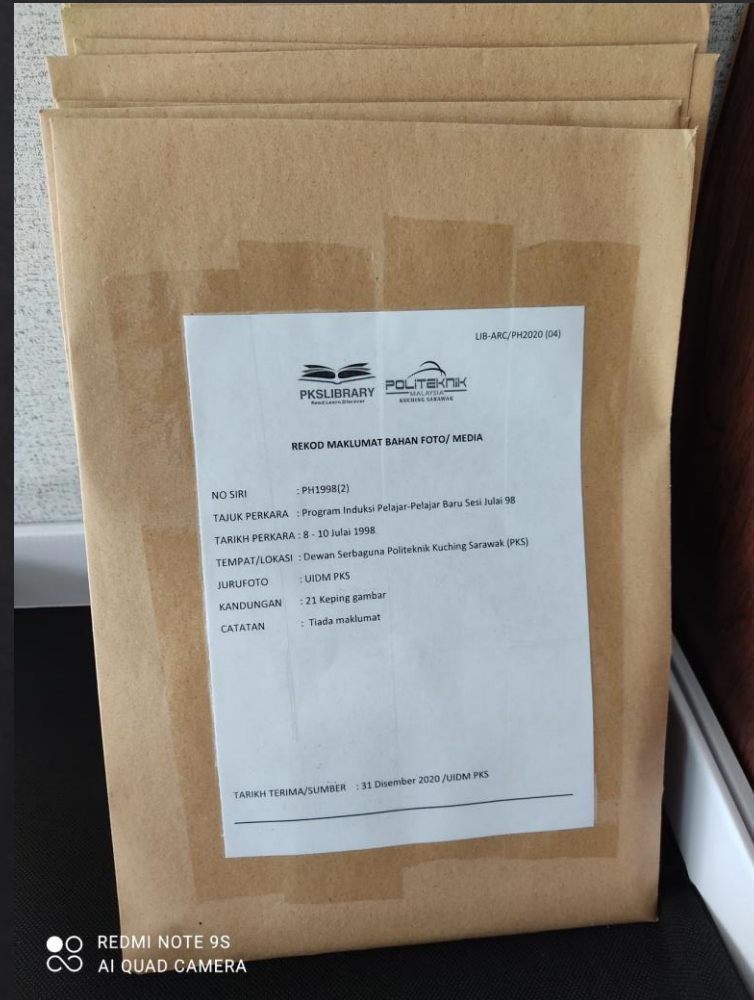
Appendix

❖ Storage Cabinet



Appendix

◆ Photo Collections



<http://dspace.poliku.edu.my/xmlui/>

DSPACE

Login

Home DSpace Home

Institutional Repository Kuching Polytechnic Sarawak

Institutional Repository (IR) Kuching Polytechnic Sarawak is a digital repository system that collects, stores, preserves and disseminates materials owned by/related to Politeknik Kuching, Sarawak (PKS) in digital form. Users will be able to have a quick access to the information in the system. Stored materials include PKS's archive, examination papers, research papers, conference papers, staff's publications and more

Communities in DSpace

Select a community to browse its collections.

- [Archive \[90\]](#)
- [Articles on Research and Innovation Papers \[25\]](#)
Published and unpublished research and innovation articles for knowledge sharing
- [Conference Papers \[35\]](#)
- [Exam Papers \[2458\]](#)
Past year exam papers
- [Freelias \[5\]](#)
Multimedia and AV
- [Image \[84\]](#)
Graphics
- [PKS's Director Speech \[29\]](#)
Director Speech during PKS function
- [Publications \[64\]](#)
- [Record Management \[1\]](#)
RAMC
- [Tracer Study Reports \[7\]](#)

Recently Added

BROWSE

- All of DSpace
- Communities & Collections
- By Issue Date
- Authors
- Titles
- Subjects

MY ACCOUNT

- Login
- Register

DISCOVER

Author
Politeknik Kuching Sarawak (1497)
POLITEKNIK KUCHING SARAWAK (514)
Politeknik, Kuching Sarawak (329)
POLITEKNIK KUCHING (110)
Sarawak, Politeknik Kuching (110)
Yusoff, Zamri (4)
Tan, Phel Yee (3)
Teck Jung, Chai (3)
Ying Leh, Ling (3)
Zainal Abidin Bin Ahmad (3)

Thank You