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Major
Speaker

Program

Papers

Sponser

Online
Live

TENTATIVE PROGRAMME

Timetable	24 November 2021 (Wednesday) Venue: National Library of Korea
10.00 a.m. - 13.00 p.m.	Registration
13.00 - 13:40 p.m.	Inauguration
13:40 - 14:15 p.m.	Representative Speech from Participant Countries
14.15 - 14:45 p.m.	Sponsorship Video
14.45 - 15:55 p.m.	Plenary Session by Keynote Speakers Theme: Envisioning the Future of Library in the Post-Coronavirus Era
15.55 - 16:00 p.m.	Vote of Thanks

THE DEVELOPMENT OF LIBRARY SCIENCE AND ISLAMIC INFORMATION BASED ON POST CHAT GROUP MEDIA SOCIAL EXPERT

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ABSTRACT

Introduction. Librarian must become a master at library science. Library science can be studied at educational institution, education and training that are held by library institutions and also can be gained through self-study.

Problem. The development of library science must be fitted with product capacity at library institution itself such as: technology, human resources, and capital utilization. The formulation of the problem is: What are being discussed by the experts about the development of library science that should be owned by the librarians.

Research Methodology. A qualitative research using phenomology method. Phenomenology is used to analyze the document that has been posted or being the topic of discussion at chatting page at group of experts such as IFLA, Group Museum, Group of National Library in national nd international scale, Group of Librarian, Group of Scientist, and Group of International Journal's Writer.

Result of Research. The development of library science and Islamic information in technology sector should be mastered by librarians.

Key Words: *Islamic Library Science, Islamic Information Science, Social Media*

Introduction

Numerous amout of educational institutions have library room or library in building site that hire staffs at library who come from non-libraray science background. It is known that at least to be called as libarian minimally should be background in library science or librarian certification that is equal as D2. This shows that being a librarian should be taken seriously and laid on laws, rules and guidance in library science.

According to the law from Head of Republic of Indonesian Librarian Number 11 Year 2015 about technical guide functional librarian officer and credit number and technical guide ... at number 4. The research and development of Perpustakaan (Librarian, Documentation and Information) explained that librarian in doing the development, documentation, and information must arrange the instrument, the data collection and process, the data analyses and formulate the result's research and evaluation to be completed as a report. Should all the research activity be arranged and written as a comprehensible scientific paper and could be promoted as one of professional development activity namely as writing scientific paper.

Definitely the activities in Pusdokino must follow the development of library science and information technology. A librarian should follow the group of experts in Pusdokino to know the update of information and documentation in library science. In this group, the experts discuss about the breakthrough of librarian professionalism and skills in digital section.

The Relevance of Library Science and Information and Librarian Profession

A profession is built from knowledge. Librarian is built from library science itself. Therefore a professional should work from the basic of knowledge to be labeled as an educated one. As a result, to be a professional librarian, someone at the bar minimum should have studied D2 of Library Science.

In order to preserve the existence of library science in work field, (Suharyanto and Edi Wiyono, 2020) it is needed to develop the science of library through research in library science. Library science should welcome towards the other discipline.

The followings are the research of library science development and Islamic information from the expert's discussions.

Research Methodology

This research was categorized as field research which used phenomenology method. Phenomenology method used to see the actual understanding from experience and research result described by people individually.

Research Subject. The subject of this research is a group of experts in social which is librarian group at WhatsApp, Telegram, Facebook and Instagram.

Informants for Research. The informants were subjected by laying on Moser theory where they have characteristics such as reproductive, productive and social. Therefore the research informants were experts at library science which were doing discussion about library development and professional librarian era 4.0.

Data collection method. The data were gained by chat discussions and the materials delivered by the experts in group.

Data Presentation. The data had been reduced to be in narration and equipped by the materials to be understood easily.

Conclusion. The conclusion was formulated from the the result of analysis that has been done before. The conclusion is credible because it was supported from the data that are relevant.

Research Results

From the survey and analysis, there are some developments of library science and Islamic information during pandemic era that should be owned by librarian which are:

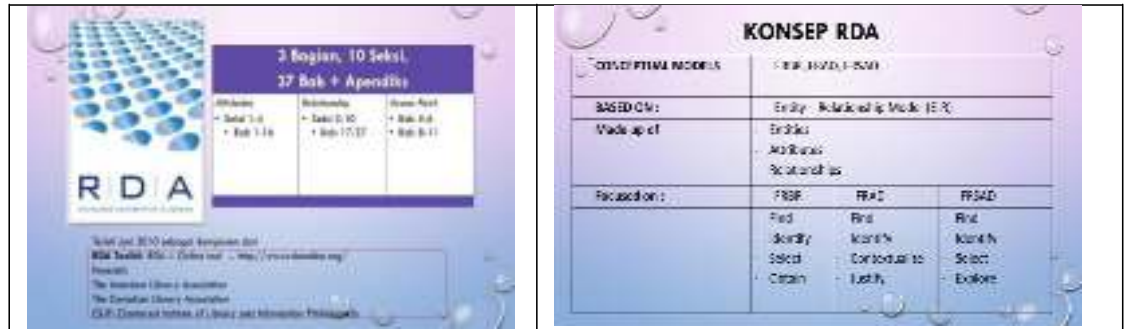
1. Information Organization

There is an advancement of cataloging standardization of library collection from AACR2 to RDA (Resource Description and Access) According to Lilies Fardhiyah that RDA has its own advantages than AACR2 such as:

1. The structure and newly emphasizing system of collection
2. It is designed following the digital advancement
3. Flexible and easy to adapt with future
4. RDA compatibility and various metadata scheme
5. RDA is oriented to librarian
6. RDA used the benefit of FRBR model holistically



These are noticeable from the scopes of RDA standard book



And also the benefits



Consequently, the speaker wants to see the change in library collection process, where currently only use standard AACR2 and hopefully to be migrated to RDA because of digital advancement and librarian oriented features.

2. Islamic Information

Librarians who have an education from the General University and then work at the Islamic University library institution experience many obstacles, namely the problem of Arabic language skills because Islamic library institutions have Arabic-language collections.

This problem is especially for librarians in the field of material processing Librarians and librarians in the information services section (reference).

Agus Rifai explained that Islamic libraries are managed by library staff who are dedicated to science, scholars and students of knowledge.



With the development of technology, the above problems can be overcome with technological developments. Librarians have language problems but are able to use online dictionaries both in Arabic and in other languages, so the librarian can process Islamic library materials and search Islamic information.

According to Agus Rifai, this change in performance is due to the impact of Disruptive technology enters the world of libraries.



3. Data-Driven Collections Managements.

Rahmi suggests that the librarian's performance should be based on Data Driven. Data driven is one approach that carried out in doing work using data as a reference or basis for the work itself, especially in the process of analysis, interpretation, and also presenting the required data. Data-Driven, Rahmi explained that small research in the library can be used as shown in the image below:

Research opportunities: Data-driven collections managements

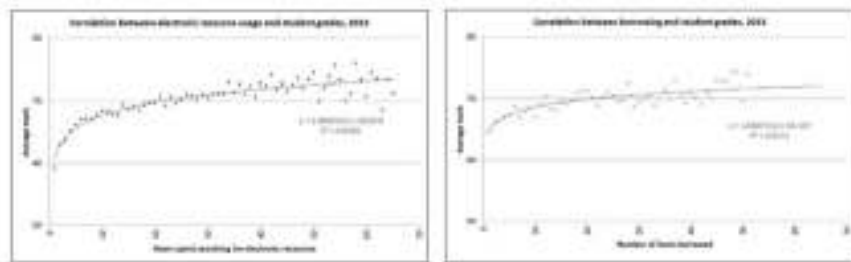
- The variety and scope of the data collected and generated by GLAM is significant
 - Transactional data on catalogue searches
 - Item check-outs
 - Log-ins to online resources and services
 - Swipe through the entrance gates
 - Manually collected statistics on space usage
 - Student satisfaction
 - External visitors to the library

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The example of library analysis using data driven

Using data to demonstrate library impact and value (Showers (Ed.), 2015)

- Resource use and student performance



(a) Correlation between **electronic resource usage** and **student grades**

(b) Correlation between **borrowing** and **student grades**

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Many jobs related to statistics in the form of reports are abandoned. According to librarians, the statistics are automatically presented by the library application engine. But the application engine usually presents globally and librarians need to sort out and then make in-depth reports so that researchers can use them for further study or library development.

4. Socially inclusive-based services

According to Adnin Bonar, libraries have a role in development, namely as a center of knowledge, a center for community empowerment and a cultural center.

PERAN PERPUSTAKAAN DALAM PEMBANGUNAN

Perpustakaan berkontribusi besar dalam membangun masyarakat berpengetahuan (knowledge society) melalui iktiar kolektif, untuk menumbuhkan tradisi dan budaya baca di dalam masyarakat.



Libraries must adapt in order to provide social inclusion-based library services, as shown in the image below.



As for the target for the transformation of social inclusion-based library services, Adnin Bonar explained as follows:



The following figure depicts the findings of the impact analysis of the library transformation until 2019:



5. Big Data Onesearch.

Indonesia Onesearch is a web portal for bibliographic and fulltext collections, using data gathered through harvesting methods and portal members' online repositories. OneSearch allows users to search and access all of Indonesia's electronic (digital) library collections through a single portal. Users can read, download, and watch videos, as well as learn about many topics.



Banyak perpustakaan menjadi anggota OneSearch. Pustakawan yang bekerja di perpustakaan anggota OneSearch, berusaha terus menerus menambah data koleksi ke aplikasi OneSearch karena semakin banyak data koleksi di kirim maka semakin dikenal perpustakaan kita pada khalayak umum atau public.

Many libraries are members of OneSearch. Librarians who work in OneSearch member libraries, try to continuously add collection data to the OneSearch application because the more collection data sent, the more known our library is to the general public.

6. The Society of Perpustakaan

Perpustakaan facilities include:

a) Counseling, b) Publicity, and c) Exhibition

In the pre-digital era, Perpustakaan's correctional activities (library, documentation and information) requires quite a large amount of money because this activity is related to the general public so that it requires a work team and the cooperation of various institutions. But in the digital era, this activity is so simple and sufficient with low costs but requires high skills and expertise in the field of information technology.

Such as: Facebook, Twitter, Instagram Path, kaskus, Google+, MarketPlace, Blog, Email Marketing and Youtube.

7. Bibliometrik, Saintometrik and informetric

Sri Hartinah explained the relationship between bibliometric, scientometric and infometric as follows

- Secara khusus, Bibliometrik adalah milik ilmu perpustakaan dan dokumentasi, Saintometri milik ilmu sains, dan informetrik milik ilmu informasi (Brookes, 1990; Qiu et al., 2017; Wang, 1998).
- Wen dan Qiu (2006) mengemukakan bahwa ketiga metrik di atas milik disiplin superordinat yang berbeda. ; Namun, mereka memiliki objek penelitian, indikator, dan metode yang sama.
- Beberapa percaya bahwa tiga metrik menunjukkan hubungan yang saling silang dan tumpang tindih sebagian, tetapi yang lain berpendapat bahwa ketiga metrik tersebut menunjukkan hubungan yang inkluif, informetrics memiliki banyak arti (bibliometrik dan scientometrics)(Qiu et al., 2017).
- Masa depan penelitian untuk ilmu Perpustakaan dan Informasi bergantung pada analisis web dan analisis informasi dengan perkembangan terkini dalam analisis metrik informatika, saintometrik, webometrik dan almetrik.

HUBUNGAN ANTARA BIBLIOMETRICS, SCIENTOMETRICS DAN INFORMETRICS

- Ketiga istilah bibliometrics, Scientometrics dan Informetrics telah berkembang untuk berbagai tujuan dan memiliki banyak metode serta tools yang sama (Qiu et al., 2017)
- Ketiga metrik mengacu pada "bidang komponen yang terkait dengan studi tentang dinamika ilmu, tercermin dalam produksi literatur" (Hood & Wilson, 2001).
- Ketiga istilah tersebut sering muncul secara bersamaan, atau digunakan secara bergantian oleh penulis, misalnya Konferensi Internasional. International Society for Scientometrics and Informetrics (sekarang disebut "ISSI").

In the sector of libraries, there is a trend toward librarians being able to learn bibliometrics, scientometrics, and informetrics. Librarians with expertise in this sector can utilize mathematical methods to assess the strength and accomplishments of scientific research, disclose the process of scientific advancement, and give a scientific foundation for scientific decision-making and administration.

Conclusion

Based on the the description above, it can be argued that library science is expanding, necessitating librarians to obtain abilities in the field of information technology, namely:

- 1) Data Processing at E Resources
- 2) Analytics of Big Data
- 3) Publishing on the Internet
- 4) Curation of digital content
- 5) Data Services for Research
- 6) Production of Digital Resources
- 7) Repackaging multimedia information

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