Mapping of The Literature on "Public Library" By Using Science Direct During 2008-2017

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Abstract- *Public Library has to play a vital role in modern society and Science Direct is a premier research platform, helping to find, analyze, and share information in the sciences, social sciences, arts, and humanities, etc. The present study discusses the "Public Library" as reflected in Science Direct for the period from 2008 to 2017. This study investigates the Document Type, Documents Published by Year wise, highly preferred publications for publishing documents.*

I. INTRODUCTION

Public library is considered an essential part of modern society and plays a very important role in the community. It serves as a cultural center of the community, bringing together people having similar interests through extension services. It should be regarded as a social force, which can greatly influence the society being served. It can help in safe guarding democracy, creating political awakening, bringing social awareness and fostering creative leisure activities. A public library can play an important role in helping different sectors of the community. It can help farmers to improve production. It can enable a businessman to improve business prospects. A Public Library can create in children a love of reading, which can lead to formation of reading habit at an early age. It can help students of all ages. It can provide job information, helping people looking for better prospects or those who are unemployed. In case a member of the society intends to pursue self-education, then public library might be the only institution accessible to him. Similarly elderly, poor and handicapped persons can also be served by it. A blind person might be provided books in Braille. An invalid person can be provided mechanical aids to turn pages, along with books. Therefore considering the importance of Public Library the study is taken for research purpose.

II. CONCEPTUAL ANALYSIS

2.1 Public Library

According to Dr. S. R. Rangnathan "Public library is a public institution or establishment changed with the case or collection or books and the case or making than accessible to those who required use of them"

According to Maharashtra public library Act 1967 the Public library is as follows.

Library established and Maintained by the State Government for use by the people. Library recognized by director for the purpose of grant –in-aid from the library fund. Other library which that state Government by notification in the official declares be a public library for the purpose of this act.

2.2 Science Direct

Science Direct is a part of Elsevier. Headquartered in Amsterdam, The Netherlands, the company is the world's largest scientific, technical and medical information provider and publishes over 2,000 journals as well as books and secondary databases. There are currently more than 9.5 million articles/chapters, a content base that is growing at a rate of almost 0.5 million additions per year. Access to Science Direct 10 subjects (1. Biochemistry, Genetics & Mol. Biology,2. Agriculture & Biological Science, 3. Chemistry 4. Computer Science, 5. Economics, 6. Immunology & Microbiology, 7. Mathematics, 8. Physics & Astronomy, 9. Social Sciences, 10. Psychology) collection (1000+journals titles) is provided to universities covered under the Consortium with back-files since 1995. The Consortium also provides the access to Elsevier journals to CFTIs on cross-sharing basis where the access fee is paid by the Consortium and subscription fees is paid by the Institutions.

III. PURPOSE OF STUDY

1. To Study the number of documents on Public Library.
2. To Identify Publication year wise documents published in Science Direct on Public Library.
3. To know highly preferred publications by the Scientists for writing research papers on Public Library.

IV. SCOPE & LIMITATION OF STUDY

This Study is limited to search results on the term of 'Public Library' in Science Direct database during 2008 to 2017. Document types and number of documents in which Public Library term used.

V. METHODS AND MATERIALS

The growth of publications in the Public Library research was derived from the Science Direct. During the period 2008 to 2017, a total of 3557 records were found for the Title 'Public Library'.

VI. REVIEW OF RELATED LITERATURE

Kale Vilas A., Deshmukh Rahul K. & Khiste Gajanan P. (2017) discusses the "Consortia" as reflected in Web of Science for the period from 1989–2016. This study investigates the highly productive authors, Document Type wise, Country wise, Language wise, Publication year wise, Research area wise, Source Title or Journal wise. Khiste G.P.(2018) Analysis of Publication Productivity of 'Total Quality Management' by J-Gate database. Khiste G.P. (2017) discusses the "Consortia" as reflected in Scopus for the period from 1989-2016. Khiste G.P., Deshmukh R.K.& Kale V.A. (2017) discusses the "Bibliometric" as reflected in J-Gate for the period from 2005 to 2016. Khiste G.P., Maske D.B.& Deshmukh R.K. (2018) discusses the "Knowledge Management" as reflected in Scopus for the period from 2007–2016. The result indicates that there were total 7996 documents on Knowledge Management during 2007 to 2016. At the international front, India‟s contribution to Knowledge Management is 298 documents during 2007 to 2016, which is rank on tenth. Khiste G.P.& Paithankar R.R.(2017) explained "Bibliometric" as reflected in SCOPUS for the period from 2008–2016. Khiste G.P.& Paithankar R.R.(2017) discusses the "Bibliometric" as reflected in Web of Science for the period from 1989–2016. Khiste G.P.& Paithankar R.R.(2017) discusses the "Bibliometric" as reflected in Science Direct for the period from 2005 to 2016. Khiste G.P.,Maske Dnyaneshwar B. & Deshmukh R.K.(2018) analyzed Big Data Output in J-gate during 2013 to 2017. Khiste G.P., Awate Avinash & Deshmukh R.K.(2018) discussed Literature audit of 'digital library' by J-Gate database. Maske Dnyaneshwar B. & Khiste G.P. (2018) explained Mapping of Publication Productivity of 'Public Library'. Khiste G.P. & Amanullah Amir (2017) analyzed Knowledge Management output in Web of Science during 2007 to 2016. Maske Dnyaneshwar B. & Khiste Gajanan P. (2018) Analysis the publication Productivity of Knowledge Management. Maske Dnyaneshwar B, Deshmukh Rahul K & Khiste Gajanan

P.(2018) analysed the items on "Information Literacy" as reflected in J-Gate for the period from 2007 to 2016. Khiste Gajanan P. & Gawli D. Y. (2018) discussed Publication Productivity of Digital Library by Using Science Direct during 2008-2017. Khiste G.P., Maske Dnyaneshwar B.(2018) discussed mapping of literature on 'Six Sigma' by J-Gate Database. Khiste Gajanan P & Awate Avinash P & Deshmukh Rahul (2018) Mapping of the literature on 'Information Literacy' by Using Science Direct during 2008-2017. Khiste Gajanan P & Awate Avinash P (2018) analyzed mapping of the Literature on "Knowledge Management" By Using Science Direct during 2008-2017. Veer Chaitanya , Veer D. K. & Khiste Gajanan P.(2018) discusses the "Big Data" as reflected in Scopus for the period from 2012–2016 and investigates the highly productive authors, document types and h-index. The result indicates that there were total 9191 documents with 54129 citations on Big Data during 2012 to 2016. Veer D.K. & Khiste G.P.(2017) explained about the published documents and its citation from Agricultural Universities in Maharashtra during the period from 2004 to 2016 by Indian Citation Index (ICI) database. Veer D.K. & Khiste Gajanan P. (2017) discusses the "Digital Library" as reflected in Scopus for the period from 1995–2016. Veer D.K. & Khiste Gajanan P. (2018) discusses the Information Literacy as reflected in Web of Science for the period from 1989–2016. Veer D.K., Khiste Gajanan P. & Deshmukh Rahul (2018) explained the term Information Literacy as reflected in SCOPUS during the period during 2007 to 2016. Veer D. K, Khiste Gajanan P, Veer Chaitanya (2018) Productivity of "Cloud Computing" documents during 2009–2016-A Study with Special Reference to SCOPUS.

VII. ANALYSIS BY DOCUMENT TYPE

Table No.1 Types of Documents available on Public Library

Sr. No.	Types of Documents	Documents
1	Research articles	1615
2	Book chapters	1066
3	Other	365
4	Book reviews	125
5	Review articles	107
6	Short communications	60
7	Editorials	59
8	Encyclopedia	53
9	Conference abstracts	28
10	Conference info	25
11	News	24
12	Discussion	17
13	Mini reviews	15
14	Correspondence	11
15	Product reviews	2
16	Case reports	1
17	Errata	1
	Total	**3574**

Graph No.1 Types of Documents available on Public Library

VIII. CHRONOLOGICAL ANALYSIS

The author has analysed the data related to Public Library based literature chronologically during 2008 to 2017 and presented in the Table No. 2.

Table No.2 Year wise documents published in Science Direct on Public Library

Sr. No.	Publication Year	Documents	Percentage
1	2017	414	11.64
2	2016	440	12.37
3	2015	380	10.68
4	2014	296	8.32
5	2013	433	12.17
6	2012	417	11.72
7	2011	333	9.36
8	2010	335	9.42
9	2009	257	7.23
10	2008	252	7.09
	Total=	**3557**	**100**

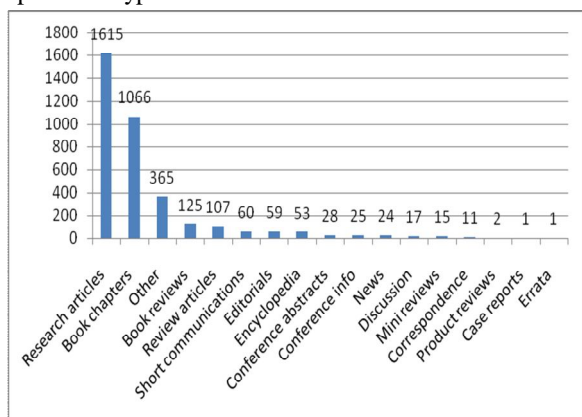Graph No.2 Year wise documents published in Science Direct on Public Library

Table No.1 & Graph No.1 shows that the maximum number of documents published under the Research articles is 1615, whereas 1066 documents under the Book chapters and less than 10 documents published in Product reviews, Case reports, Errata. The Total 3557 original documents on 'Public Library' available in Science Direct & from Table No.2 observed and From Table No.1 shows that the subject wise 3574 documents are available. The reason for this contradiction may be in subject wise analysis many documents overlapping in more than one subject.
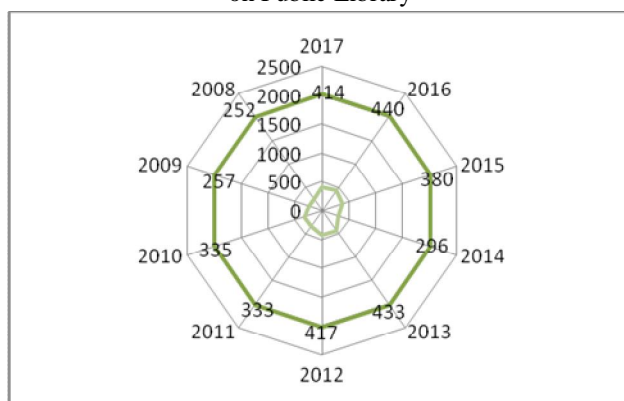
Table No. 2 & Graph No.2 shows that year-wise distribution of documents. The highest number of documents was published in the year 2016 i.e., 440 (12.37) and the next one with 433 (12.17 %) documents was published in the year 2013 & lowest number of documents 252 (7.09%) was published in the year 2008.

IX. PUBLICATION TITLE RANKING

The publication title is nothing but in which highest number of documents has been published on the term "Public Library". The related information is being presented in the Table No. 3.

Table No. 3 Top 10 Documents Publication Title on Public Library

Sr. No.	Top 10 Documents Publication Title	Documents
1	The Journal of Academic Librarianship	241
2	Library & Information Science Research	176
3	Serials Review	88
4	Procedia - Social and Behavioral Sciences	75
5	Government Information Quarterly	73
6	The International Information & Library Review	49
7	Library Collections, Acquisitions, and Technical Services	27
8	Local Community in the Era of Social Media Technologies, 2013	27
9	International Journal of Information Management	24
10	Libraries and Society, 2011	23

Table No. 3 indicates that highest ranking Publication in which documents was published. As per Table No.3 The Journal of Academic Librarianship ranks first with 241 Documents to its credit, followed by Library & Information Science Research ranking on second with 176 documents & Libraries and Society, 2011 are on tenth ranks with 23 documents.

X. CONCLUSION

The data suggest that there was a significant research activity in the field of Public Library during the study period. The present study indicates that there is an increase in the documents year by year. Therefore it is healthy pattern of progress in Public Library field.

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