Mapping of The Literature on "Knowledge Management" By Using Science Direct During 2008-2017

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Abstract- *Knowledge management refers to the process of creating, storing, sharing, and effective use of organizational knowledge and thus helps to achieve organizational objectives 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 "Knowledge Management" as reflected in Science Direct for the period from 2008 to 2017. This study investigates the Content Type, Documents Published by Year wise, highly preferred journals for Publications.*

I. INTRODUCTION

The emergence of the term explicit knowledge and the introduction of Knowledge Management in the 1980s were new. It was a natural evolution brought about by the confluence of many factors. The developments that have led to present perspective on Knowledge Management come from many areas. Some are intellectually based, while others are pragmatic and rooted in the need to innovate to secure real-life performance. Knowledge Management can be described as the most recent phase of an evolution from a managerial focus on data management than information management and finally Knowledge Management. In the age of the globalization and increased worldwide competition, many organizations are looking for new ways to gain competitive advantage. In doing this, these organizations are trying to use a variety of organizational resources. Today, knowledge, as an intangible asset, has taken precedence over traditional organizational resources such as capital and labour. Knowledge in organization resides within individuals as well as working processes, which is more specifically known as tacit and explicit knowledge respectively. Knowledge Management as an emerging discipline focuses on the various management processes that facilitate finding, identifying, and capturing, creating, storing, sustaining, applying, sharing and renewing knowledge to improve an organization's performance. Therefore considering the importance of Knowledge Management the study has been undertaken by the authors.

II. CONCEPTUAL ANALYSIS

2.1 Knowledge Management

Knowledge management is the process of continually managing knowledge of all kinds to meet existing and emerging needs, to identify and exploit existing and acquired knowledge assets and to develop new opportunities.

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 Knowledge management.
2. To Identify Publication year wise documents published in Science Direct on Knowledge Management.
3. To know highly preferred journals by the Scientists for writing research papers on Knowledge Management.

IV. SCOPE & LIMITATION OF STUDY

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

V. METHODS AND MATERIALS

The growth of publications in the Knowledge Management research was derived from the Science Direct. During the period 2008 to 2017, a total of 12216 records were found for the Title 'Knowledge Management'.

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. (2017) discusses the "Consortia" as reflected in Scopus for the period from 1989-2016. Khiste G.P. (2018) discusses the "Total Quality Management" as reflected in J-Gate for the period from 2003– 2017. 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 405 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. 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. 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.

VII. ANALYSIS BY DOCUMENT TYPE

Table No.1 Types of Documents available on Knowledge Management

| Sr. No.	Content Type	Documents
1	Research articles	9173
2	Book chapters	1029
3	Other	881
4	Review articles	382
5	Editorials	312
6	Short communications	99
7	Encyclopedia	98
8	Book reviews	59
9	Conference abstracts	58
10	Discussion	45
11	Mini reviews	23
12	News	19
13	Correspondence	13
14	Conference info	10
15	Errata	6
16	Case reports	4
17	Practice guidelines	4
18	Data articles	1
	Total=	**12216**

Table No.1 shows that the maximum number of Documents published under the Research articles is 9173, whereas 1029 under the content type Book chapters and less than 10 documents published in Errata, Case reports, Practice guidelines, Data articles.

VIII. CHRONOLOGICAL ANALYSIS

The author has analysed the data related to Knowledge Management 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 Knowledge Management

Sr. No.	Publication Year	Documents	Percentage
1	2017	1418	11.61
2	2016	1456	11.92
3	2015	1614	13.21
4	2014	1481	12.12
5	2013	1229	10.06
6	2012	1329	10.88
7	2011	1046	8.56
8	2010	889	7.28
9	2009	821	6.72
10	2008	933	7.64
	Total	12216	100
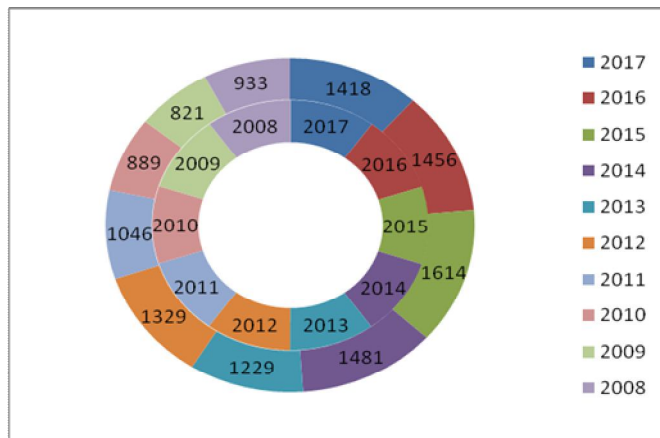
Graph No.1 Year wise documents published in Science Direct on Knowledge Management

Table No. 2 & Graph No.1 shows that year-wise distribution of Documents. The highest number of documents was published in the year 2015 i.e., 1614 (13.21%) and the next one with 1481 (12.12%) documents was published in the year 2014 & lowest number of documents 821 (6.72%) was published in the year 2009. The present study indicates that there is an increase in the documents year by year.

IX. PUBLICATION TITLE RANKING

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

Table No. 3 Top 10 Documents Publication Title on Knowledge Management

Sr. No.	Top 10 Documents Publication Title	Documents
1	Procedia - Social and Behavioral Sciences	876
2	Procedia Computer Science	575
3	Expert Systems with Applications	421
4	International Journal of Information Management	360
5	Decision Support Systems	336
6	Technological Forecasting and Social Change	281
7	Knowledge-Based Systems	227
8	Information & Management	226
9	Procedia CIRP	226
10	Computers in Human Behavior	209

Table No. 3 indicates that highest ranking Sources in which documents was published. As per Table No.3 Procedia - Social and Behavioral Sciences ranks first with 876 Documents to its credit, followed by Procedia Computer Science ranking on second with 575 articles & Computers in Human Behavior are on tenth ranks with 209 documents.

X. CONCLUSION

The data suggest that there was a significant research activity in the field of Knowledge Management 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 Knowledge Management field.

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