

**Challenges and  
Opportunities  
for Libraries  
in  
Twenty First Century**  
*(Festschrift Volume in Honour of  
Dr. Madhukar Garad)*

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# BIO-BIBLIOMETRIC PROFILE OF DR. MADHUKAR GARAD

— *Dr. Dattatraya Kalbande, Dr. D. K. Veer,  
Dr. Subhash P. Chavan and Dr. Madansingh Golwal*

## Abstract

This paper presents bio-bibliometric profile of Dr. Madhukar Garad through his contributions as author, committee member, resource person, PhD Guide, etc. in the field of Library and Information Science. The data for this study was collected through his resume as well as google search. The analysis includes journal preferences for his publication, papers presented by him in various conferences and seminars; collaboration for publications; analysis of publications by document types, etc. It was found that he has contributed to LIS field not only through authoring papers for journals and conferences but also by teaching and guiding LIS professionals at undergraduate, post-graduate and doctoral levels.

**Keywords:** Bio-bibliometric analysis, authorship study, Madhukar Garad, Library and Information Science, Bibliometrics.

## Introduction

**B**io-bibliometrics is a term that was first coined by Sen and Gan to mean the quantitative and analytical method for discovering and establishing functional relationships between bio-data and biblio-data elements. Kademani and Kalyane were the first to use the phrase “Scientometric portrait” to carry out bio-bibliometric studies on scientists including Nobel laureates. Bibliometric techniques are being used for a variety of purposes like determination of various scientific indicators, evaluation of scientific output. The term ‘Bio-

bibliometrics' is being used for method of retrieving and visualizing biological information that uses co-occurrence of gene naming terms in Medical Sciences to generate semantic links between genes. Biobibliometric is a study in which we statistically analyze publications of an individual, a department, or a subject of any field. It is a quantitative and analytical method in which we try to establish a functional relation between bio-data of an individual and his biblio-data. It is a technique used for the documenting works of eminent scientists and researchers.

A Bio-bibliometric study deals with the bibliographical study of the individual career of scientists and researchers and correlates the bibliographical analysis of publications with their academic / scientific achievements (Baby and Kumaravel, 2012). It is a quantitative and analytical method in which a functional relation between bio-data and biblio-data of an individual is studied and analyzed. This study is different from scientometrics which often focuses on the scientists rather than academicians or researchers from the Arts, Humanities and Social Sciences fields (Mulla, et. al., 2010)

## **Objectives of the Study**

1. To know the authorship pattern, collaborative research pattern of Madhukar Garad
2. To identify the Core Channels of Communication and distribution of publications
3. To ascertain the journal and language preferences of the author; as well as
4. To identify the subject areas covered by the works

## **Biographical Sketch of Dr. Madhukar Garad**

Dr. Madhukar Garad, known to every professional in the field of Library and Information Science is going to retire on 31st December 2021 (Superannuation). He has a vast experience (35 Years) in college libraries and information centers and has a notable contribution in academics and academic librarianship. He is working as Librarian (Professor Grade) at Ankushrao Tope College, Jalna. During his tenure

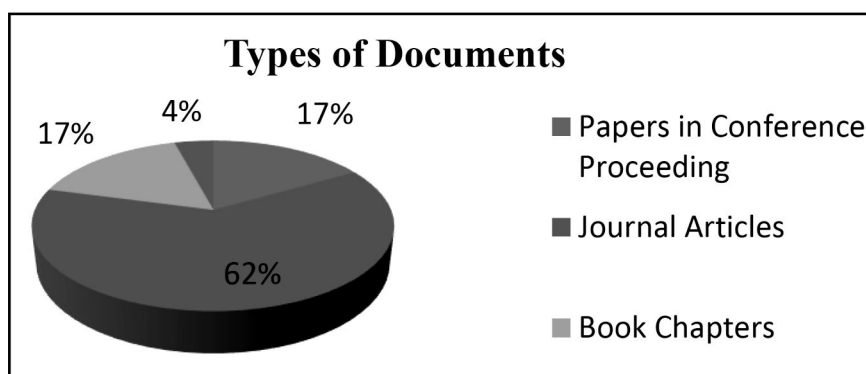
of service and along with his official responsibilities, he coordinated in the academic sector and contributed on different platforms in our profession. His expertise is in applications of ICT and managing libraries and providing quality services to users from sciences, management, humanities and interdisciplinary studies. In academics, he has guided M. Lib. I. Sc., M Phil and PhD students successfully and contributed in academics. Having many publications to his credit, he has also delivered guest lectures and key note addresses at national and international conferences and course works. His research accomplishments have been recognized through awards and association with professional societies. He is associated with number of committees/Sub-committees as a Member. Dr.Madhukar Garad has notable scientific publications comprising research papers, review articles, books, chapter in books, proceedings in symposia/seminar etc.

Dr. Madhukar Garad was born on 1st January 1962 at Sonak Pimpalgao, Tq. Ambad Dist. Jalna (Maharashtra). He completed his B.Com. in the year 1984 from Marathwada University. He did his Bachelor of Library and Information Science in the year 1985 in First class first from the same university. He got first class in Master of Library and Information Science from Marathwada University, Aurangabad in 1986. He was awarded with a Ph.D. in Library and Information Science from same university in 2011 under the guidance of Prof. A. A. Vaishnav. He began his professional career with Librarian in Matsyodari Mahavidyalaya, Jalna since 01/07/1986.

## Data Analysis and Presentation

**Table No 1. Types of Documents**

Sr. No.	Types of Documents	Nos.	Percentage
1.	Papers in Conference Proceeding	4	16.67
2.	Journal Articles	15	62.50
3.	Book Chapters	4	16.67
4.	Book	1	4.17
	<b>Total</b>	<b>24</b>	<b>100.00</b>



**Fig. No.1 Types of Documents**

The above table No. 1 and Fig. No. 1 shows the types of publications. Dr. Garad published papers in conferences, journals, in edited books. So accordingly it was seen that Dr. Garad published 15 documents as a Journal articles, followed by papers in conferences and as a book chapter, also he published one book.

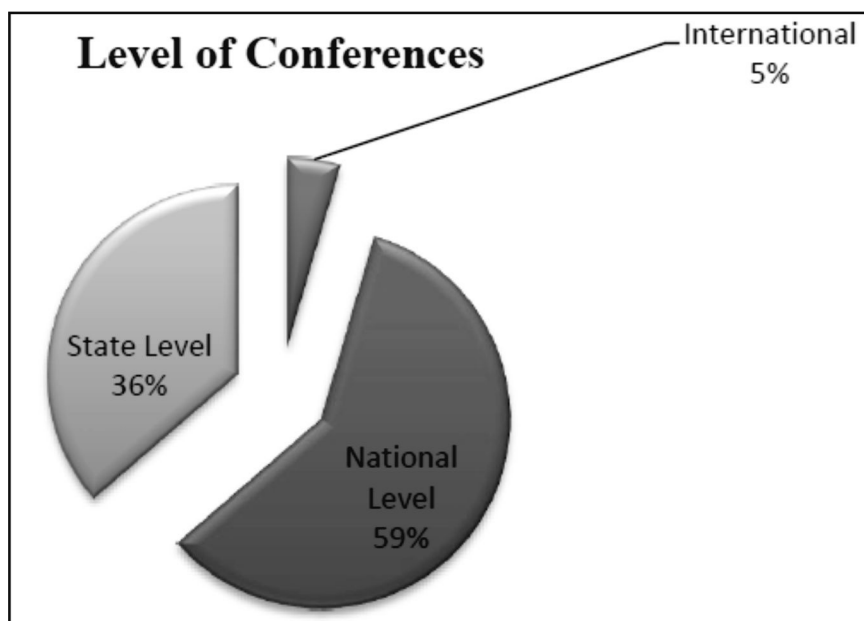
**Table No. 2. Language wise distribution of publications**

Sr. No.	Language	No. of Publications	Percentage
1.	English	24	100
2.	Hindi	0	0
3.	Marathi	0	0
	Total	24	100

Out of 24 publications of Dr. Garad's 100% documents published in English Language.

**Table No. 3. Conferences attended**

Sr. No.	Particulars	Numbers	Percentage
1.	International	1	4.55
2.	National Level	13	59.09
3.	State Level	8	36.36
	Total	22	100.00



**Fig. No. 2 Conference Attended**

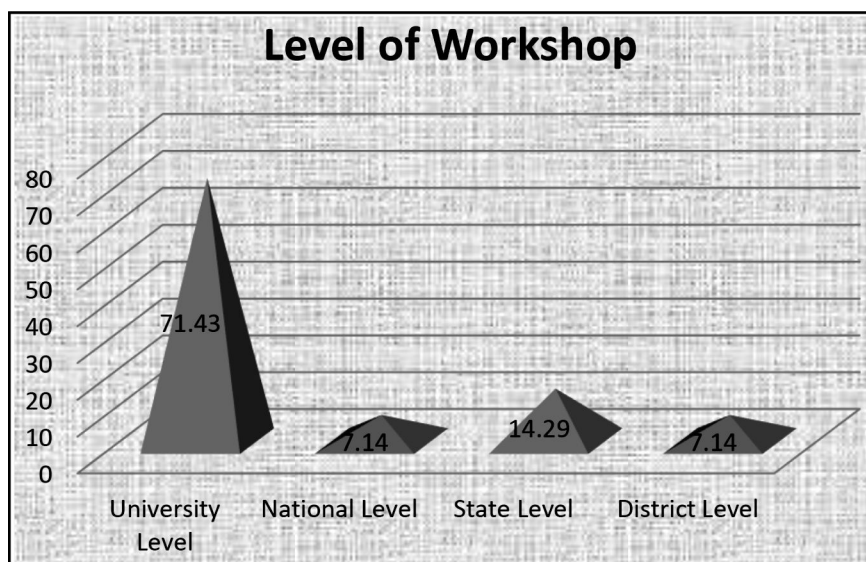
Dr. Madhukar Garad in his entire career attended 22 conferences, seminars and symposium. Out of 22 he participated at National level with 13 (59.09%), followed by 8 (36.36%) at state level and he attended 1 conference at International Level.

**Table No. 4 Workshops attended**

Sr. No.	Particulars	Numbers	Percentage
1.	University Level	10	71.43
2.	National Level	1	7.14
3.	State Level	2	14.29
4.	District Level	1	7.14
	<b>Total</b>	<b>14</b>	<b>100.00</b>

Dr. Garad in his career attended 14 workshops, training programmes at University, National, State and District Level. Out of 14 he attended workshops at University level i.e 10 (71.43%), state level (2) 14.29 % and 1 (7.14%) at National and district level respectively.



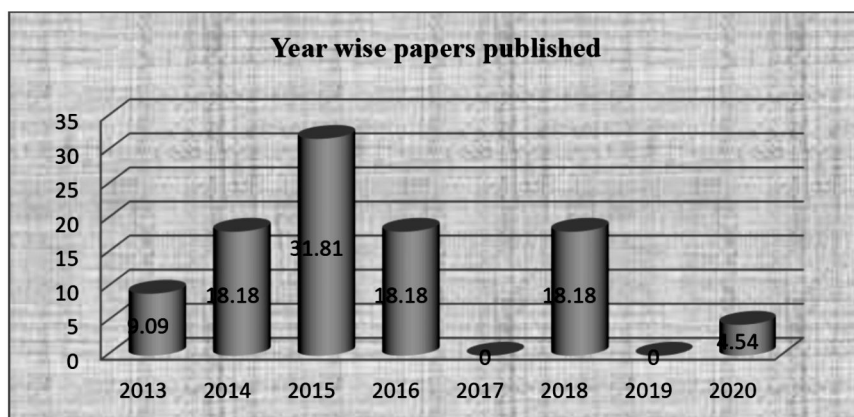


**Fig. No. 3. Workshop Attended**

**Table No. 5. Year wise Paper publications**

Sr. No.	Year	No of Papers	Percentage
1.	2013	2	9.09
2.	2014	4	18.18
3.	2015	7	31.81
4.	2016	4	18.18
5.	2017	0	0.00
6.	2018	4	18.18
7.	2019	0	0.00
8.	2020	1	4.54
	<b>Total</b>	<b>22</b>	<b>100.00</b>

In the years wise distribution of Dr. Garad's publications, it was found that most of the documents he published in the year of 2015 i.e 7 (31.81) followed by 4 documents in the year of 2014,2016 and 2018 respectively.



**Fig. No. 4 Year wise paper published**

**Table No. 6 Authorship Pattern**

Sr. No.	Authorship	Numbers	Percentage
1.	Single	15	62.5
2.	Multiauthor	9	37.5
	<b>Total</b>	<b>24</b>	<b>100</b>

The above table No. 6 shows the authorship pattern for publications. It gives the number of co-authors and corresponding number of articles contributed. It can be seen that Dr. Garad published 24 documents as a Journals, conference paper and as a book chapter. Out of them 15 (62.5%) published as a sole author and 9 (37.5%) documents published with collaboration.

**Table No 7. Periodical wise scattering of Journals of Dr. Madhukar Garad**

Sr. No.	Name of Journal	Number of Papers	Percentage
1.	Lokavishkar International E Journal	5	33.33
2.	Cosmos Multidisciplinary Research E-Journal	2	13.33
3.	online international interdisciplinary research journal	1	6.67

<b>Sr. No.</b>	<b>Name of Journal</b>	<b>Number of Papers</b>	<b>Percentage</b>
4.	International journal advances in social sciences & Humanities	1	6.67
5.	International journal of social sciences & Inter disciplinary research	1	6.67
6.	Knowledge Librarian (An International Peer Reviewed Bilingual E-Journal of Library and Information Science)	1	6.67
7.	Printing area international research journal	1	6.67
8.	Arhat Multidisciplinary International Research Journal	1	6.67
9.	International Journal Advances in Social Science And Humanities	1	6.67
10.	Research Journey International Multidisciplinary E-Research Journal	1	6.67
	<b>Total</b>	<b>15</b>	<b>100</b>

Out of 24 publications Dr. Madhukar Garad published total 15 papers in Journals. Out of 15 papers Dr. Garad preferred Lokavishkar International E Journal and total 5 papers were publised, followed by he published 2 papers in Cosmos Multidisciplinary Research E-Journal.

## **Role in Conferences, Workshops and Training programmes**

Dr. Madhukar Garad is associated with workshops and conferences as an organising committee member, invited guest and resource person, etc. The scope of the workshops, conferences with which he has been associated range from State level to International level. He has been an organising committee member for many workshops. Dr. Garad has such well known expertise and hence is invited as guest in various events such as workshop and conferences.

## **Affiliation with Universities**

The results showed that Dr. Madhukar Garad has been affiliated with Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, YCMOU, Nashik and SRTMU, Nanded as a Research Guide, Contributory Teacher and as Expert committee Member.

## **Conclusion**

Publication productivity analysis of the successful librarian like Sir. Madhukar Garad, will throw light on his pivotal contribution to Library and Information science with implementation of technology in library. He can be considered as a role model for younger researchers to follow. Narrating success stories always has an encouraging effect. It is also important to recognize that excellence in library and information science is not just a matter of a few individual successes, what is required is a wide base of high quality, which would enable peaks to come up more frequently and on a more definite basis. New ways to motivate LISc researchers seem as important to contest outcome as new sources of funds. Library and Information Science policy makers interested to know about functioning of active research teams as centers of excellence and factors responsible for optimizing, maximizing and enhancing outputs may find further interest in Bio-bibliometrics.

From above discussions it can be concluded that Dr. Madhukar Garad has been an active figure in the LIS profession. It is amply exhibited by the various roles he has performed whether be it an author, guide, guest speaker. His contributions are an inspiration for the younger LIS professionals. I am sure many LIS professionals and some even from outside would want to take a leaf out of Dr. Garad's experience and use it for development of self and the profession.

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