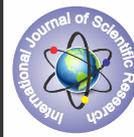


Bibliometric Analysis of the Journal of Teacher Education from 2009 to 2014



Library Science

KEYWORDS:

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ABSTRACT

The Present study of Bibliometric Analysis of a journal of Teacher Education for the period of 2009 to 2014 has been carried out. The present study shows various aspects such as year-wise distribution, Authorship pattern, Citation Pattern, length of articles etc. Total 216 articles have been published in the journal during 2009-2014. Highest numbers (44) of articles was published in 2009.

Introduction:

A Bibliometric study of a journal is very essential to evaluate the journal and find out year wise distribution of papers, authorship pattern, citation pattern, length of papers, institution at distribution of papers etc. Bibliometric is used to measure the qualitative and quantitative research and to investigate the research trends in a subject. Journal of Teacher Education is a leading education journal being published by Sage Publication. The mission of the journal is to support teachers and research scholars around issues of teacher education.

Objectives of the study:

The present study aims to analyze the publication trends in Journal of Teacher Education during the period of 2009 - 2014.

- To study the year wise distribution of articles
- To study the authorship pattern
- To study the length of articles
- To find out the number of cited documents and the average number of references per article.
- To study the citation pattern of articles

Methodology:

The methodology applied in the present study is Bibliometric analysis, which is used to study in detail the bibliographic attributes of the articles and citation analysis of the references at appended at the end of each article published in Journal of Teacher Education from 2009 to 2014. The data related to journal of Teacher Education regarding 216 articles made from volume 60 in 2009 to volume 65 in 2014 and after that interpretation has been done.

Scope of the Study

The present study aims to evaluate and provide analysis of the scholarly publication trends of the journals of Teacher Education from year 2009-2014 with the application of citation analysis. In this way 216 articles from the journal of teacher Education were analysed according to the given objectives for Bibliometric study.

Data Analysis and Interpretations:

1. Year wise distribution of Articles

Year	Vol. No.	No. of Issue					No. of Articles	Percentage
		1	2	3	4	5		
2009	60	8	8	10	6	12	44	20.37
2010	61	8	8	8	8	10	42	19.44
2011	62	8	6	6	6	5	31	14.35
2012	63	6	9	6	5	5	31	14.35
2013	64	8	6	6	6	7	33	15.28
2014	65	7	6	7	8	7	35	16.2
Total		45	43	43	39	46	216	100%

Above mentioned table indicates the year-wise distribution of articles in the journal. The numbers differ from year to year and there is a decrease in the number of articles from the year 2009 to 2014. Out of total 216 articles, the maximum numbers of articles are in the year 2009 contributing 44 articles, which are 20.37 to the total publications. The journal publishes on an average 36 articles per year.

2. Authorship Pattern

Author	No. of Articles	Percentage
Single Author	68	31.48
Two Authors	62	28.70
Three Authors	32	14.81
Four Authors	47	21.75
five & more	7	3.24
Total	216	100

Above mentioned table reveals the authorship pattern of the articles published during the period of the study. Maximum numbers of articles had single authors 68 (31.48%). This is followed by two authors with 62 (28.70%) articles, four authors 47 (21.75%), three authors 34 (14.81%) and five and more with 7 (3.24%) of the total articles.

3. Length of Articles

Pages	No. of Articles	Percentage
1-5	24	11.11
5-10	42	19.44
11-15	105	48.61
16 & More	45	20.83
Total	216	100

Above-mentioned table shows the length of articles in Journal of Teacher Education. It reveals the majority of the articles 105 (48.61%) the length of 11-15 pages. Around 45 20.83% of the articles has 16 and more pages and followed by 42 (19.44%) has 5-10 pages. Remaining 24 (11.11%) has 1-5 pages.

4. Citation Pattern

Year	Total Citation	Percentage
2009	3965	33.70
2010	3347	28.45
2011	1632	13.87
2012	1198	10.18
2013	1024	8.70
2014	598	5.08
Total	11764	100

Above-mentioned table shows the year wise Citation Analysis of the Journal of teacher Education. The references provided by the authors at the end of their articles are the basis of citation analysis. The citation traces a connection between two documents, one which cites and the other which is cited. It is inferred from above table that period of six years, more number of citations 3965 (33.70%) mentioned in the year of 2009 and it is followed by 3347 (28.45%) in 2010. Lesser citations mentioned in the year of 2014.

5. Number and Percentage of Citations Referenced per Article

No. of Citations	No. of Articles	Percentage
0 to 10	33	15.27
11 to 50	115	53.24
51 to 100	38	17.59
More than 100	30	13.88
Total	216	100

Above mentioned table shows the number and percentage of citation referenced per article. It is inferred that more number 115 (53.24%) of the articles has 11 to 50 citations. Around 38 (17.59%) articles have 51 to 100 citations and it followed by 33 (15.27%) below 10 citations. It is notable that 30 (13.88%) articles have more than 100 citations.

Findings and Conclusion

The present study has been summarized with the following:

- Journal of Teacher Education has published 6 volumes and 216 research articles during the period 2009-2014.
- The contribution of research articles is varied from volume to volume. Highest contribution is shown in the year 2009 with 44 articles.
- Papers contributed by single author is 31.48% which is followed by two authors 28.70%, three authors i. e 14.81% and four authors is 21.75% and more than four authors is 3.24%
- Most of the research articles are published in the pages ranging from 11 to 15.
- Highest number of citations mentioned in the year 2009 and lowest citation mentioned in the year of 2014.
- Half of the Journal articles have 11 to 50 Citations.

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