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## CITATION ANALYSIS OF JOURNALS OF EDUCATION OF RASTRASHANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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### ABSTRACT

**M**any academic libraries attempt to source their collections from all the publications available. This includes finding out the various type of information resources used in research projects core journal titles used in the field.

**KEYWORDS-** *academic libraries , information resources used , Citation analysis.*

### INTRODUCTION :

The Rashtrasant Tukadoji Maharaj Nagpur University Nagpur, PGTD Education Department established in 1977. It has a separate building. The first Ph.D. awarded in 1980.

Citation analysis is an established research tool to indicate the relationship between cited and citing documents. Authors of research papers and books usually make reference to earlier works to support prepositions assumptions and conclusion. The extent, frequency and period of reference in terms of older or recent, can be used as objective indicators of the spectrum of the technical literature, reveal historical perspectives of a work and acquaintance with contemporary research. This analysis of trend in citation pattern acquires academic significance in revealing vital characteristics underlying the process of research activities.

Didato (1994) defines citations analysis as, "A wide ranging area of bibliometrics that studies the citations to and from documents. Such studies may focus on the documents themselves or such matters as their authors the journal (If the documents are journal articles) in which the articles appear."

Strohl's (1999) definition of which citation checking is also on point for the current study. "A sample of citations from text books bibliography Journal articles, student dissertations or other sources are checked against holdings to see what proportion is owned."

The technique involves the process of collection, counting and analysis of citations given in various types of literature and the subsequent identification of significant sources, Journals Individuals, Institutions etc.

As a thesis for PhD in Library and Information Science, a study was undertaken to the citation pattern in the field of Educations Ph.D. theses which are the products of research activity; were examined to find out the literature use pattern of the researcher working in the field of Education.

### OBJECTIVES OF THE STUDY

The objective of this study is to analyze the citations in Educations Thesis during the period to assist the Rashtrasant Tukadoji Maharaj Nagpur University, Library. Social Sciences librarian in determining which books or



material one most heavily used and which material are needed to improve the collection. Books type cited most, Journal cited most and currency of literature cited most were all examined and other objectives are:  
Country wise distribution cited journals

### METHODOLOGY

The thesis under preview of the subject field were collected and examined for the cited references.

All the referred citation was written on the cards along with full bibliographical details.

The cards were found to be very flexible to arrange in any sequence.

### LIMITATION

The study is limited to the references cited in the Ph.D. thesis awarded up to 2007 by Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in the discipline of Education and in the faculty of Education.

### Data Collection And Interpretation

The research design adopted was a descriptive study. Two major sources of data used were thesis submitted of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in the education department. It is covering 1980 to 2007 and the database of thesis in the education department. The procedure for the study was purposive since data was being collected specifying a target period up to 2007. In all, 140 thesis were analysed.

### Ranked List of Journals used in the thesis

When all the 3087 journals citations are considered for preparing a ranked list in education, considering individual titles and selections and changed titles as separate units, a list of 430 journals with last rank position 46 is generated.

**TABLE 1: JOURNAL WISE ANALYSIS**

Sr. No.	Rank	Journals Name	No. of Citation	Percent	Cumulative Citation	Cumulative Percent
1	1	University News	220	7.13	220	7.13
2	2	Journal of Educational Psychology	129	4.18	349	11.31
3	3	Journal of Educational Research and Extension	94	3.05	443	14.35
4	4	Journal of Educational Research	85	2.75	528	17.1
5	5	Journal of Psychological Researches.	69	2.24	597	19.34
6	6	Dissertations Abstracts International	68	2.2	665	21.54
7	7	Journal of Indian Education	66	2.14	731	23.68
8	8	British Journal of Educational Psychology	63	2.04	794	25.72
9	9	Journal of Higher Education	62	2.01	856	27.73
10	10	Indian Educational Review	58	1.88	914	29.61
11	11	Indian Journal of Psychology	54	1.75	968	31.36
12	12	Journal of Experimental Psychology	51	1.65	1019	33.01

13	13	Educational Review	50	1.62	1069	34.63
14	14	Journal of Creativity Behavior	48	1.55	1117	36.18
15	14	Journal of Education and Psychology	48	1.55	1165	37.74
16	15	Yojana (Marathi)	41	1.33	1206	39.07
17	16	Economics and Political Weekly	40	1.3	1246	40.36
18	17	Journal of Applied Psychology	36	1.17	1282	41.53
19	18	Indian Psychological Review	34	1.1	1316	42.63
20	18	Journal of Abnormal Social Psychology	34	1.1	1350	43.73
21	19	Journal of Teacher Education	33	1.07	1383	44.8
22	19	Yojana (Hindi)	33	1.07	1416	45.87
<b>Sr. No.</b>	<b>Rank</b>	<b>Journals Name</b>	<b>No. of Citation</b>	<b>Percent</b>	<b>Cumulative Citation</b>	<b>Cumulative Percent</b>
25	22	Newsletter: Education	27	0.87	1504	48.72
26	23	Review of Educational Research	26	0.84	1530	49.56
27	24	American Journal of Orthopsychiatry	24	0.78	1554	50.34
28	25	Research Bulletin Quarterly	23	0.75	1577	51.09
29	26	American Annals of the Deaf	22	0.71	1599	51.8
30	26	British Journal of Sociology	22	0.71	1621	52.51
31	26	Journal of Genetics Psychology	22	0.71	1643	53.22
32	26	Journal of Personality	22	0.71	1665	53.94
33	26	Psychological Studies	22	0.71	1687	54.65
34	27	American Educational Research Journal	21	0.68	1708	55.33
35	27	Journal of the Institute of Education Research	21	0.68	1729	56.01
36	27	Shikshan Samiksha	21	0.68	1750	56.69
37	27	Volta Review	21	0.68	1771	57.37

38	28	American Sociological Review	20	0.65	1791	58.02
39	28	Journal of Special Education	20	0.65	1811	58.67
40	29	Indian Journal of Adult Education	19	0.62	1830	59.28
41	29	Journal of abnormal and social psychology	19	0.62	1849	59.9
42	29	Journal of Social Psychology	19	0.62	1868	60.51
43	30	American Psychologists	17	0.55	1885	61.06
44	30	Journal of consulting Psychology	17	0.55	1902	61.61
45	31	Journal For Research in Mathematics Education	16	0.52	1918	62.13
46	31	Journal of Clinical Psychology	16	0.52	1934	62.65
47	31	Journal of Psychological Research	16	0.52	1950	63.17
<b>Sr. No.</b>	<b>Rank</b>	<b>Journals Name</b>	<b>No. of Citation</b>	<b>Percent</b>	<b>Cumulative Citation</b>	<b>Cumulative Percent</b>
50	32	Journal of Farm Economics	15	0.49	1996	64.66
51	32	Journal of Political Economics	15	0.49	2011	65.14
52	32	Psychological Abstract	15	0.49	2026	65.63
53	33	CSWB	14	0.45	2040	66.08
54	33	Journal of Learning Disabilities	14	0.45	2054	66.54
55	33	Journal of Psychology Researches	14	0.45	2068	66.99
56	34	Indian Journal of Education	13	0.42	2081	67.41
57	34	Progress of Education in India	13	0.42	2094	67.83
58	34	Psychological Review	13	0.42	2107	68.25
59	34	Quest in Education	13	0.42	2120	68.68
60	35	Journal of Personality Assessment	12	0.39	2132	69.06
61	35	Journal of Projective Techniques	12	0.39	2144	69.45

62	35	Journal of the Society for Educational Research and Development	12	0.39	2156	69.84
63	36	Journal of Education	11	0.36	2167	70.2
64	36	Journal of Speech and Hearing Disorders	11	0.36	2178	70.55
65	36	Journal of Vocational and Educational Guidance	11	0.36	2189	70.91
66	37	Psychological Bulletin	10	0.32	2199	71.23
67	37	Psychological Research	10	0.32	2209	71.56
68	38	Journal of the Indian Academy of Applied Psychology	9	0.29	2218	71.85
69	39	Creativity Newsletter	8	0.26	2226	72.11
70	39	Educational Psychologist	8	0.26	2234	72.37
71	39	Journal of Educational Measurement	8	0.26	2242	72.63
<b>Sr. No.</b>	<b>Rank</b>	<b>Journals Name</b>	<b>No. of Citation</b>	<b>Percent</b>	<b>Cumulative Citation</b>	<b>Cumulative Percent</b>
74	40	Elementary School Journal	7	0.23	2265	73.37
75	40	Indian Educational Review A-research Journal	7	0.23	2272	73.6
76	40	Indian Journal of Agricultural Sciences	7	0.23	2279	73.83
77	40	Indian Journal of Applied Psychology	7	0.23	2286	74.05
78	40	Journal of the University of Gauhati	7	0.23	2293	74.28
79	40	Research in Education (ERIC)	7	0.23	2300	74.51
80-100	41	Journals have six citations (6*21)	126	4.08	2426	78.59
101-117	42	Journals have five citations (5*17)	85	2.75	2511	81.34
118-143	43	Journals have four citations (4*26)	104	3.37	2615	84.71
144-201	44	Journals have three citations (3*58)	174	5.64	2789	90.35
202-270	45	Journals have two citations (2*69)	138	4.47	2927	94.82
271-430	46	Journals have single citations (1*160)	160	5.18	3087	100.00
		<b>Total</b>	<b>3087</b>	<b>100.00</b>	<b>3087</b>	<b>100.00</b>

The ranking list is essentially a practical tool designed to help the librarians and researchers to select the journals of maximum utility in relation to their coverage of new and important literature in a particular subject area. The rank list of journals in the field of library and information science based on the study is presented in Table 18. University News scores the top with 220 citations 7.13%, Followed by Journal of Educational Psychology with 129 citations 4.18%, Journal of Educational Research and Extension with 94 citations 3.05%, Journal of Educational Research with 85 citations 2.75%, Journal of Psychological Researches with 69 citations 2.24%, Dissertations Abstracts International with 68 citations 2.2%, Journal of Indian Education with 66 citations 2.14%, British Journal of Educational Psychology with 63 citations 2.04%, Journal of Higher Education with 62 citations



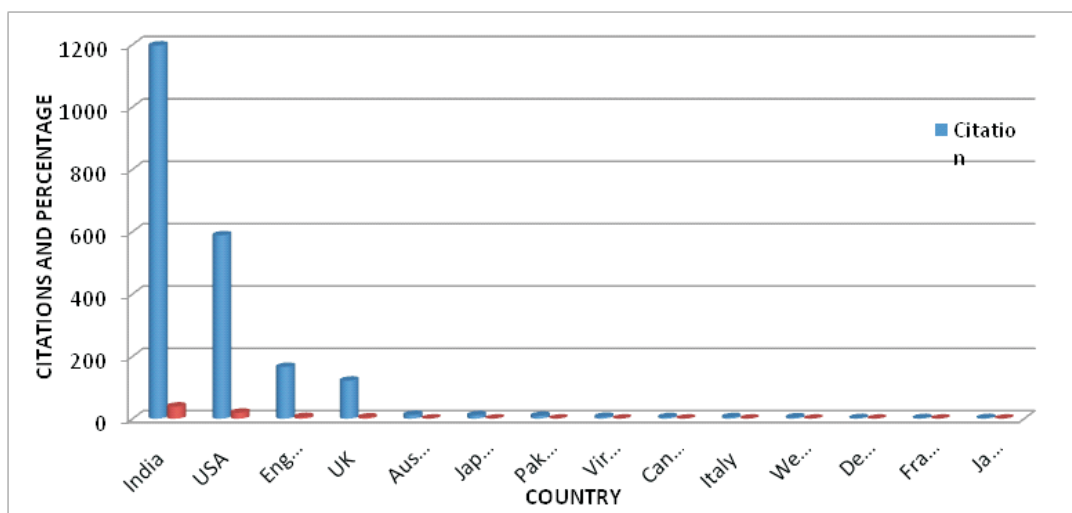
2.01%, Indian Educational Review with 58 citations 1.88%, Indian Journal of Psychology with 54 citations 1.75%. Thus, it is observed that, the education research scholars cited more journals than any other bibliographical journals ranks of documents in their thesis.

**Rank list of Journal Country wise Distribution**

Table 2 shows the countrywise listing of the journals and shows that, most cited journals has emerged from India, which is considered as one of the advanced countries in the world. Totally 3087 citations has emerged from India, contributing to 38.78% and subsequently cited journals originated from USA with 588 citations amount of 19.05%. UK occupies third position by contribution of 288 citations 9.33%, Australia with 12 citations 0.39%, Japan with 11 citations 0.36%, Pakistan with 9 citations 0.29%, Virginia with 6 citations 0.19%, Canada and Italy with 5 citations 0.16%, West Indies with 4 citations 0.13%, Denmark, France, and Jamaica with 2 citations 0.06%. The not available citations with missing journals country 956 (30.97%)

**TABLE: 2 JOURNAL COUNTRY WISE ANALYSIS**

Sr. No.	Rank	Country	No. of Citation	Percent	Cumulative Citation	Cumulative Percent
1	1	India	1197	38.78	1197	38.78
2	2	USA	588	19.05	1785	57.82
3	3	UK	288	9.33	2073	67.15
4	4	Australia	12	0.39	2085	67.54
5	5	Japan	11	0.36	2096	67.90
6	6	Pakistan	9	0.29	2105	68.19
7	7	Virginia	6	0.19	2111	68.38
8	8	Canada	5	0.16	2116	68.55
9	8	Italy	5	0.16	2121	68.71
10	9	Wes Indies	4	0.13	2125	68.84
11	10	Denmark	2	0.06	2127	68.90
12	10	France	2	0.06	2129	68.97
13	10	Jamaica	2	0.06	2131	69.03
14	11	N. A.	956	30.97	3087	100.00
		<b>Total</b>	<b>3087</b>	<b>100.00</b>	<b>3087</b>	<b>100.00</b>





**CONCLUSION:**

Citation analysis is one form of bibliometric study as a method of research. Has wide range of applications. It can be applied to any field for various purposes on the basis of use of literature on subject appeared in a specific journals. The most cited Journals Country is first rank, India, second rank USA, third rank UK and etc.

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