A Deep Analysis on Indian Journal of Traditional Knowledge

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Abstract : This paper performs the deep analysis of the Indian Journal of Traditional Knowledge , it explores the functionality and the operations of the journal and as well as performs the statistical analysis regarding the papers published in the Journal..This analysis will help in formation of the step for the further research in the IJTK..

IndexTerms – **IJTK, Citation Analysis.**

I. INTRODUCTION

Traditional knowledge" is utilized to mean knowledge, advancements and practices of indigenous and neighborhood networks exemplifying traditional ways of life; the astuteness created over numerous ages of all encompassing traditional logical use of the terrains, common assets, and condition. It is commonly passed somewhere near informal, from age to age and is, generally, undocumented. Traditional knowledge is legitimate and essential, and anticipates its right now significant more extensive application for human advantage. Public Institute of Science Communication and Information Resources, CSIR wanted to record the ongoing turns of events and the data past around there as an interdisciplinary periodical. [1]

The Indian Journal of Traditional Knowledge will convey unique examination papers, survey articles, short correspondences, and so on worried about the perception and trial examination of the organic exercises of the materials from plants, creatures and minerals, utilized in the traditional social insurance frameworks, for example, Ayurveda, Siddha, Yoga, Unani, Naturopathy, Homoeopathy, Folk-cures, and so forth. As approval of indigenous cases it will cover Ethno-science, Ethno-medication, Ethno-pharmacology, Ethno-pharmacognosy and Clinical Studies on viability .

Moreover, the journal will likewise invite interdisciplinary papers on traditional utilizations (non-therapeutic) of Indian crude materials of plant, creature and mineral source and advancement of suitable innovations for network advantage with explicit enthusiasm to the rustic regions. [1] RG Journal Impact: 3.24.This worth is determined utilizing ResearchGate information and depends on normal reference includes from work distributed in this journal. The information utilized in the count may not be comprehensive.

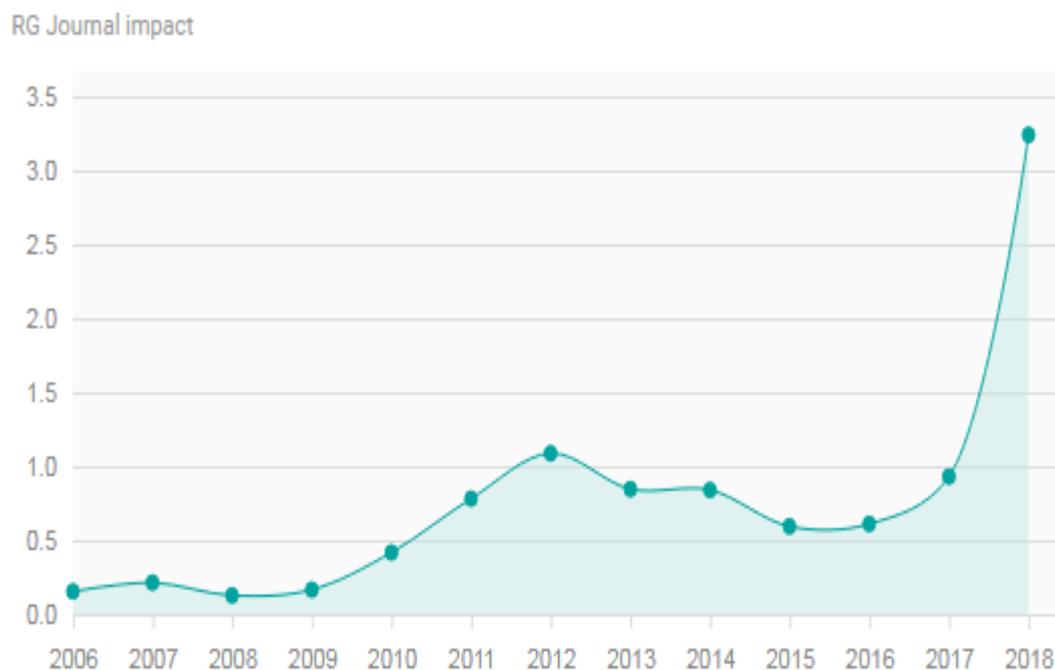| 2020	Available summer 2021
2018 / 2019	3.24
2017	0.93
2016	0.61
2015	0.59
2014	0.84
2013	0.85
2012	1.09
2011	0.78
2010	0.42
2009	0.17
2008	0.13

Fig 1. Journal Impact Factor

Fig 2. Journal Impact Factor Trend

The impact factor (IF) or journal impact factor (JIF) of a scholarly journal is a scientometric factor dependent on the yearly normal number of references on articles distributed by a specific journal over the most recent two years. At the end of the day, the impact factor of 2020 is the normal of the quantity of refered to distributions isolated by the citable distributions of a journal. A journal impact factor is every now and again utilized as an intermediary for the overall significance of a journal inside its field. Ordinarily, journals with higher impact factors are often considered to have more impact than those with lower ones. Nonetheless, the science network has additionally noticed that survey articles regularly are more citable than research articles. [2]

II. LITERATURE REVIEW

Deshmukh, Prashant . (2011) drove an assessment concentrate named "Information Sources used by postgraduate understudies in Library and Information Science: a reference examination of propositions" at Nnamdi Azikiwe Library University of Nigeria, Nsukka. A total of 79 recommendations appropriated during the period 1997 to 2007 were examined. References from Journal articles spoke to 53.8% of the references while books spoke to 30.8%. "School and Research Libraries" which was the most refered to journal in this assessment.

Chai, K. H. moreover, Xiao, X. (2012) - The inspiration driving this paper is to analyze the inside subjects of arrangement investigate by separating references of papers in the journal Design Studies. It in like manner intends to find the progression and future examples of design investigate. Using a bibliometric and framework investigation, the paper assessments references and co-references from arrangement Studies. Instead of using the standard examination procedure for adding up to maker co-references, this examination drives the investigation at the individual distribution level.

Sangam and Mogali (2013) finished of three square periods 2000-2003, 2004-2007, and 2008-2011 Social Science Citation Index of ISI Web of Knowledge disseminated by Thomson Reuters, for the 31 subjects of Social Sciences were refered to in picked five essential fields: Psychology, Economics, Sociology, Political Science and History. Full scale number of single and multi-maker distributions peddled in humanistic systems.

Banateppanvar et al., (2013) separated references of doctoral propositions in Biotechnology which were submitted to Kuvempu University, Karnataka. They perceived that journals (79.72%) were the most notable information source among biotechnology scientists. Bradford's law of scattering was associated with the journal references. Further, their assessment of creation case of refered to material revealed that more responsibilities were made by multi makers with 0.8 degree of facilitated exertion. Trigar et al., (2013) agreed to this assessment by revealing that journals were the most preferred association in their examination of graduated class dental recommendations of restorative science.

C. - . Kuan and H. - . Cheng, 2014, Utility patent applications are ordinarily conveyed eighteen months after they are archived and before licenses are truly given. These affirmed pre-grant distributions and their contrasting gave licenses are both refered with autonomously and at the same time by the up-and-comers or examiners of coming about patent applications as significant prior craftsmanship. Most patent analysts at any rate ignore the references to the pre-grant distributions and consider only those to the gave licenses.

III. RESEARCH ANALYSIS

Further it shows that 120 papers are distributed in volume 7, trailed by 115 papers in volume 8 individually. The greatest number of articles are distributed in volume 9 in year 2010 and from the information investigation we additionally find that the least number of articles are distributed in volume 13 and they were just 96. Fig 3 shows the graphical portrayal of the equivalent.
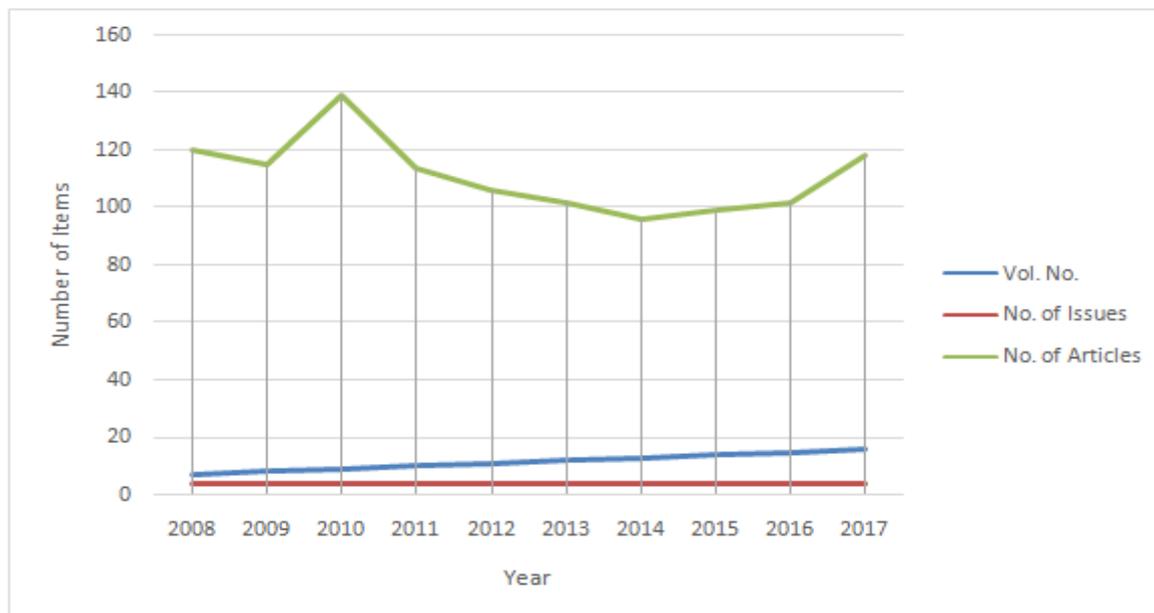

Fig 3 Volume –wise Distribution graph

The subtleties of the subject savvy examination of the articles are appeared in the Table 1. The subject 'Ayurveda' comprised the most elevated number of articles for example 56 (22.9%) articles during the period 2008-2018 'Organic science' established 27 (11.06%) number of articles. Followed by 'Clinical Science' having 26 (10.65%) of articles. The fourth most elevated articles had a place with the subject 'Drug store' adding up to 18 (7.37%) articles. Different headings comprised under 18 articles.

Table 1 Subject-wise Distribution of Articles

S.No.	Subject	Nos of Articles	Percentage
1	Phamacy	18	7.37704918
2	Zoology	9	3.68852459
3	Botany	27	11.06557377
4	Ethno botany	2	0.819672131
5	Fishery	14	5.737704918
6	Medical science	26	10.6557377
7	Animal science	3	1.229508197
8	Agriculture science	13	5.327868852
9	Biology	5	2.049180328
10	Geography	1	0.409836066
11	Animal husbandry	1	0.409836066
12	Ayurveda	56	22.95081967
13	Environmental science	2	0.819672131
14	Yoga	13	5.327868852
15	Food engineering	1	0.409836066
16	Life science	1	0.409836066

| S.No.	Subject	Nos of Articles	Percentage
17	Civil engineering	1	0.409836066
18	Home science	1	0.409836066
19	Food science	1	0.409836066
20	Bio-science	7	2.868852459
21	Fashion technology	1	0.409836066
22	Microbiology	1	0.409836066
23	Food science & Nutrition	7	2.868852459
24	Health science	12	4.918032787
25	Economics	5	2.049180328
26	Cultural science	4	1.639344262
27	Biochemistry	1	0.409836066
28	Plant pathology	3	1.229508197
29	Social science	4	1.639344262
30	Entomology	1	0.409836066
31	Chemical biology	1	0.409836066
32	Physics	1	0.409836066
33	Architecture	1	0.409836066
		244	100
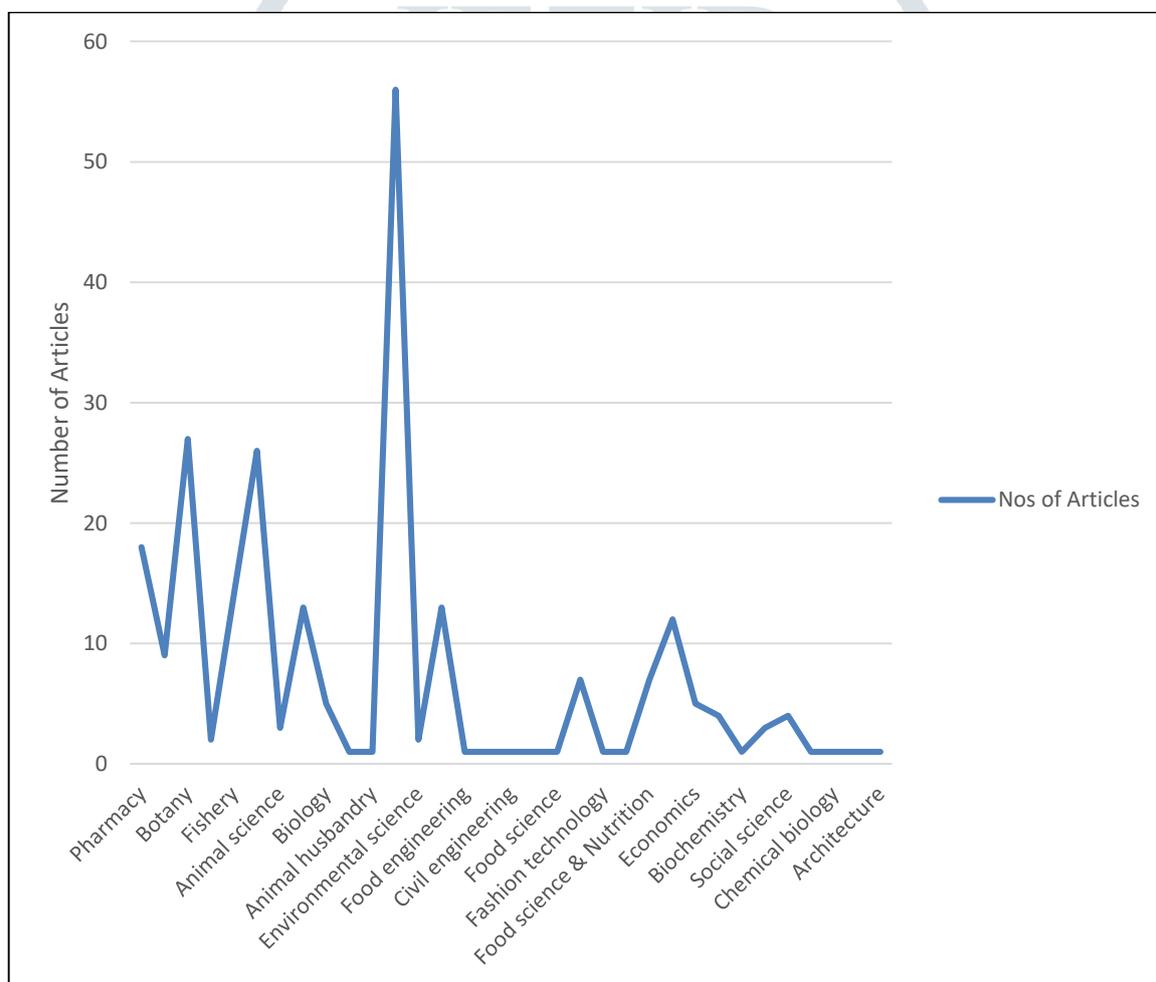
Fig 4 Subject-wise Distribution Graph

The year insightful circulations of the journal references are introduced in table 2. The above table indicated that greatest number of references 2085 (11.45%) created in 2010. Followed by 1800 (9.89%) references in the year 2008.

Table 2 Year-wise Distribution of Journal Citations

Sr. No.	Year	No. of citations	Cumulative citations	Percentage	Cumulative percentage
1	2008	1800.00	1800.00	9.8928277	1.59850806
2	2009	1725.00	3525.00	9.480626546	3.13041162
3	2010	2085.00	5610.00	11.45919209	4.98201678
4	2011	1710.00	7320.00	9.398186315	6.50059944
5	2012	1590.00	8910.00	8.738664468	7.91261489
6	2013	1530.00	10440.00	8.408903545	9.27134674
7	2014	1440.00	11880.00	7.91426216	10.5501532
8	2015	1485.00	13365.00	8.161582852	11.8689223
9	2016	1530.00	14895.00	8.408903545	13.2276542
10	2017	1770.00	16665.00	9.727947238	14.7995204
		16665.00	94410.00	91.59109646	83.8417477

The graphical portrayal of the year-wise dispersion of journal references is appeared in the fig 5..
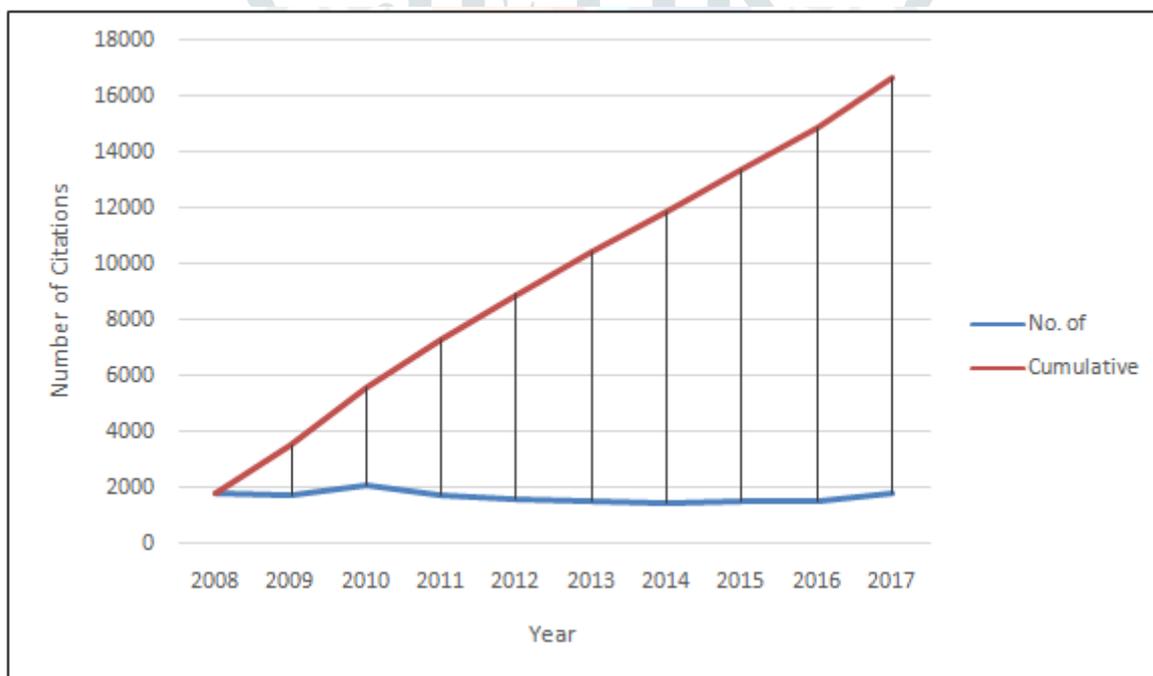

Fig 5 Year-wise Distribution of Journal Citations Graph

IV. CONCLUSION

This paper performs the deep analysis of the Indian Journal of Traditional Knowledge , it explores the functionality and the operations of the journal and as well as performs the statistical analysis regarding the papers published in the Journal..This analysis will help in formation of the step for the further research in the IJTK.

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