

# Trends in the Growth of Gandhian Literature : A Bibliometric Analysis

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**ABSTRACT:** This paper throws the light on the growth of Gandhian literature available as periodical literature in English till 2010. The study is being conducted using one of the most important tool i.e. Bibliometrics. The study reveals the aspect of Gandhian Scholar in different horizons, subject wise distribution. It was found 6175 article were published in 913 journals. The trust areas were Nonviolence, Economics idea, Religion, Satyagraha.

**Keywords:** Bibliometrics, Gandhian Literature, Gandhiana, Gandhi Marg, Non-violence, MK Gandhi

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## 1. Introduction

One of the most important characteristic of bibliometric study is to predict the trend of growth of literature in any discipline. Growth of literature can be defined as an increase in the number of publications in a particular field. Thus the word 'Growth' implies an increase in actual size of literature over a specific period. This is well known fact that the research studies are being communicated through scientific journals. Till now, the studies on growth of literature have been conducted by large number of researchers in various disciplines. Likewise, S. Kumar (1992), K. Chun (1999), M.S. Rana (2010) and S.B. Sahu (2012) have studied the contributions of different journals related to History of Science, Korean studies, Mammals literature, and Strategic Management respectively. The present study attempts to predict the growth of Gandhian literature as Mahatma Gandhi was a great liberator of mankind. In the present case, the amount of documented knowledge available is immense. The literature on Gandhian studies is increasing day by day because a large number of researchers are attracted towards the wide range of aspects of Gandhi's life. To the best of researcher's knowledge, till now no one has tried to attempt the present study. Thus this study will be beneficial for the scholars in this field.

## 2. Objectives

The prime objectives of this study are as follows:

- a) Growth of literature published in journals on Gandhian literature.
- b) Growth of research workers at both national and international level.

### 3. Distributions of Articles among Journals

The database designed on Gandhian literature for the period of 1920-2010 covers a total number of 6175 articles published in 913 journals. The name of the top 15 journals along with the total articles published, and percentage of articles published are provided in Table 1. The journal on top was *Gandhi Marg* with 1170 articles having contribution of 18.95 % of the total. The reason for this journal occupying the first position may be its comprehensive coverage, among the journals in this field. *Economic and political weekly* was the second in the rank with 674 articles (10.91 %) and the third position occupied by *Mainstream* with 419 articles (6.79 %). The top 11 journals on Gandhian literature covered more than 50 % of the total literature.

S.No.	Name of Journal	No. of Articles	Percentage
1	Gandhi Marg	1170	18.95
2	Economic and Political Weekly	674	10.91
3	Mainstream	419	6.79
4	Social Scientist	185	3.00
5	Journal of Gandhian Studies	177	2.87
6	Gandhian Perspectives	103	1.67
7	Sarvodava	98	1.59
8	Asian Survey	84	1.36
9	Indian Worker	78	1.26
10	Janata	78	1.26
11	The Journal of Asian Studies	77	1.25
12	India International Centre Quarterly	72	1.17
13	Organiser	72	1.17
14	Modern Asian Studies	69	1.12
15	Indian Horizons	65	1.05
	Other (898 journals)	2754	44.60
	<b>Total</b>	6175	100

Table 1. Distribution of Gandhian Literature in Journals

### 4. Growths of Gandhian Literature Decade Wise

Table 2 gives the growth rate of Gandhian literature from 1920 to 2010. This period has been divided into nine decades except the starting year i.e. 1920 (single year). The growth rate of literature was minimum in 1920 contributing only single contribution. Since then the rate of growth has been increasing gradually and reached 10.12 articles per year during the decade (1951-1960). During the period of 1961-1970, there was a sudden jump in growth rate and it reached to 28.29 articles per year. Further, the upward rapid growth was observed in Gandhian literature with maximum of 67.86 articles per year in the recent decade i.e. 2001-2010. It is evident that the Gandhian literature is becoming popular day by day.

Year	No of Articles	Cum. Fre. (Articles)	Year	Cum. Fre. (years)	Growth Rate
1920	1	1	1	1	1.00
1921-1930	31	32	10	11	2.91
1931-1940	42	74	10	21	3.52
1941-1950	75	149	10	31	4.81
1951-1960	266	415	10	41	10.12
1961-1970	1028	1443	10	51	28.29
1971-1980	756	2199	10	61	36.05
1981-1990	940	3139	10	71	44.21
1991-2000	1461	4600	10	81	56.79
2001-2010	1575	6175	10	91	67.86

Table 2. Growth of Gandhian Literature Decade Wise

### 5. Chronological Distribution of Literature

In table 3, each column is divided into a 10 decades and each row in each column corresponds to single year in that period. The first article got published in year 1920. The Year 1969 was observed as the 100<sup>th</sup> birth century of Gandhi. Many scholars had contributed in Gandhian literature on this occasion. In this year the highest number of articles i.e. 428 was published.

1911-1920	1921-1930	1931-1940	1941-1950	1951-1960	1961-1970	1971-1980	1981-1990	1991-2000	2001-2010
0	3	20	3	8	29	89	102	101	131
0	1	8	16	12	33	69	92	129	159
0	5	4	8	7	32	79	75	135	196
0	1	2	6	18	30	110	75	217	130
0	4	1	11	10	33	79	93	155	149
0	2	1	7	17	56	75	85	163	180
0	1	1	4	48	73	56	86	163	166
0	2	1	8	64	159	53	115	131	167
0	1	1	3	44	428	79	121	137	165
1	11	3	9	38	155	67	96	130	132

Table 3. Year-wise Distribution of Gandhian Literature

### 6. Growths of Gandhian Scholars

Table 4 demonstrates the growth of authors. It is important to note here that the number of authors vary from 0 for the years 1924 and 1935 to 374 authors for the year 1969. Moreover, new authors added in 1969 were maximum i.e. 256.

The maximum growth rate was observed to be 44.05 authors in year 2010, whereas the minimum growth rate was 1.00 author for the year 1920. Till the year 1940, there had been no trend of the growth of authors. After this year, the growth rate had gradually started increasing and such trend continued till the year 2010, except 1968-1969. It is significant to mention that percentage of authors has increased rapidly by 4.87 from 1968 to 1969. The trend of authors is shown in Figure 1.

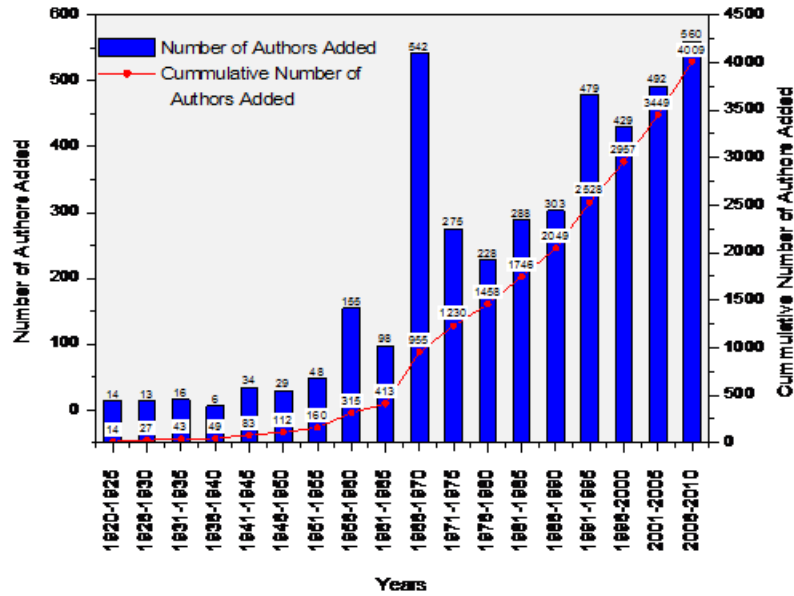


Figure 1. Emerging Trend of Authors in Gandhian Literature

Year	Number of Year	Authors	New Authors Added	Author continued	Cumulative Number of New Authors Added	Growth of Authors
1920	1	1	1	0	1	1.00
1921	2	3	3	0	4	2.00
1922	3	3	3	0	7	2.33
1923	4	4	4	0	11	2.75
1924	5	0	0	0	11	2.20
1925	6	3	3	0	14	2.33
1926	7	2	2	0	16	2.29
1927	8	1	0	1	16	2.00
1928	9	2	2	0	18	2.00
1929	10	1	1	0	19	1.90
1930	11	8	8	0	27	2.45
1931	12	11	8	3	35	2.92
1932	13	5	5	0	40	3.08
1933	14	1	1	0	41	2.93
1934	15	2	2	0	43	2.87
1935	16	0	0	0	43	2.69

1936	17	1	1	0	44	2.59
1937	18	1	1	0	45	2.50
1938	19	1	1	0	46	2.42
1939	20	1	1	0	47	2.35
1940	21	2	2	0	49	2.33
1941	22	3	2	1	51	2.32
1942	23	12	11	1	62	2.70
1943	24	9	7	2	69	2.88
1944	25	6	5	1	74	2.96
1945	26	11	9	2	83	3.19
1946	27	7	5	2	88	3.26
1947	28	4	4	0	92	3.29
1948	29	8	7	1	99	3.41
1949	30	2	2	0	101	3.37
1950	31	12	11	1	112	3.61
1951	32	8	7	1	119	3.72
1952	33	12	10	2	129	3.91
1953	34	7	6	1	135	3.97
1954	35	18	17	1	152	4.34
1955	36	10	8	2	160	4.44
1956	37	17	12	5	172	4.65
1957	38	47	42	5	214	5.63
1958	39	63	49	14	263	6.74
1959	40	45	30	15	293	7.33
1960	41	38	22	16	315	7.68
1961	42	28	18	10	333	7.93
1962	43	32	19	13	352	8.19
1963	44	33	21	12	373	8.48
1964	45	30	18	12	391	8.69
1965	46	35	22	13	413	8.98
1966	47	56	41	15	454	9.66
1967	48	71	57	14	511	10.65
1968	49	129	93	36	604	12.33
1969	50	374	256	118	860	17.20
1970	51	150	95	55	955	18.73
1971	52	88	57	31	1012	19.46
1972	53	67	43	24	1055	19.91
1973	54	81	52	29	1107	20.50
1974	55	110	69	41	1176	21.38

1975	56	78	54	24	1230	21.96
1976	57	88	65	23	1295	22.72
1977	58	57	36	21	1331	22.95
1978	59	56	35	21	1366	23.15
1979	60	84	53	31	1419	23.65
1980	61	67	39	28	1458	23.90
1981	62	109	63	46	1521	24.53
1982	63	99	61	38	1582	25.11
1983	64	78	57	21	1639	25.61
1984	65	83	53	30	1692	26.03
1985	66	96	54	42	1746	26.45
1986	67	91	61	30	1807	26.97
1987	68	89	52	37	1859	27.34
1988	69	117	66	51	1925	27.90
1989	70	120	69	51	1994	28.49
1990	71	97	55	42	2049	28.86
1991	72	110	84	26	2133	29.63
1992	73	131	82	49	2215	30.34
1993	74	140	89	51	2304	31.14
1994	75	222	145	77	2449	32.65
1995	76	149	79	70	2528	33.26
1996	77	169	95	74	2623	34.06
1997	78	177	95	82	2718	34.85
1998	79	135	77	58	2795	35.38
1999	80	150	80	70	2875	35.94
2000	81	137	82	55	2957	36.51
2001	82	138	82	56	3039	37.06
2002	83	164	94	70	3133	37.75
2003	84	213	133	80	3266	38.88
2004	85	138	89	49	3355	39.47
2005	86	156	94	62	3449	40.10
2006	87	191	118	73	3567	41.00
2007	88	186	111	75	3678	41.80
2008	89	194	129	65	3807	42.78
2009	90	174	107	67	3914	43.49
2010	91	146	95	51	4009	44.05
		6305	4009	2296	8018	

Table 4. Growth of Authors in Gandhian Literature

## 7. Growths in Thrust Areas of Study

Table 5 reflects that Gandhian literature has been spread over 74 major areas of study/subjects. All the 6175 articles co-l

S. No	Subject	1911 - 1920	1921 - 1930	1931 - 1940	1941 - 1950	1951 - 1960	1961 - 1970	1971 - 1980	1981 - 1990	1991 - 2000	2001 - 2010	Total	%
1	Nonviolence		2	2	8	28	72	75	93	116	224	620	8.50
2	Economic Idea			1	6	16	60	73	86	106	85	433	5.93
3	Religion		5	2	4	18	50	31	66	89	103	368	5.04
4	Gandhi-other Personality			3	8	10	57	44	59	87	86	354	4.85
5	Gandhian Philosophy				1	15	57	40	42	64	83	302	4.14
6	Satyagraha		1		4	15	37	52	47	50	91	297	4.07
7	Education				2	11	34	33	34	48	44	206	2.82
8	Personality		1	5	2	17	74	21	13	48	25	206	2.82
9	Political Ideology		2	2	1	11	36	22	30	50	37	191	2.62
10	Peace			1	1	1	22	13	44	36	66	184	2.52
11	Gandhian Leadership		2	5	6	9	28	22	32	43	31	178	2.44
12	Nationalism	1		2	3	9	13	14	23	44	49	158	2.17
13	Gandhian Socialism		1		1	7	37	26	30	30	21	153	2.10
14	Untouchability		2	2	3	4	15	20	16	46	44	152	2.08
15	Women					1	9	8	26	49	52	145	1.99
16	Freedom Struggle		2	4	5	3	14	27	16	33	36	140	1.92
17	Swaraj		5	2	1	6	6	13	16	31	59	139	1.90
18	Internationalism			3	1	12	27	19	22	24	30	138	1.89
19	Social Philosophy						10	12	15	63	23	123	1.69
20	Assassination					1	15	15	13	37	33	114	1.56
21	Hindu Philosophy			2	2	5	14	12	16	27	36	114	1.56
22	Globalisation				1	3	6	8	9	26	60	113	1.55
23	Hindu Muslim Relation		1		3		12	10	18	32	37	113	1.55
24	Civilization				2	1	6	16	20	27	31	103	1.41
25	Gandhism				1	9	46	8	12	15	9	100	1.37
26	Gandhi-Congress Party			1	9	10	19	11	12	18	15	95	1.30
27	Rural Development				1	3	14	17	15	21	20	91	1.25
28	Gandhian Movements		2		2	9	2	16	18	17	24	90	1.23
29	Truth		1	1		5	7	15	10	17	29	85	1.16
30	Sarvodaya					8	6	12	20	15	21	82	1.12
31	Panchayat Raj					6	10	15	14	20	16	81	1.11

32	Swadeshi		1			2	7	9	12	20	27	78	1.07
33	Anniversaries					1	43	6		14	13	77	1.06
34	Trusteeship Concept				1	1	15	13	25	7	12	74	1.01
35	Gandhian Humanism			1			14	6	10	22	19	72	0.99
36	Civil disobedience		1	3	4	4	9	10	8	10	20	69	0.95
37	Ecology				1		2		13	30	21	67	0.92
38	Gandhi-South Africa					3	5	2	9	27	21	67	0.92
39	Literature					7	7	5	13	14	9	55	0.75
40	Gandhian Perspective					1	11	9	11	14	7	53	0.73
41	Gandhi-Labour					2	29	8	4	4	5	52	0.71
42	Environment					1	1	2	6	24	16	50	0.69
43	Gandhian Marxism					2	7	6	13	10	10	48	0.66
44	Gandhian Concepts (Ideas)					3	6	9	6	15	8	47	0.64
45	Gandhi-Science & Technology					3	4	1	9	14	15	46	0.63
46	Industry		1			4	7	9	6	11	7	45	0.62
47	Gandhi-Autobiography				3		8	6	7	10	10	44	0.60
48	Development				1	4	1	4	11	12	9	42	0.58
49	Secularism						1	4	8	12	13	38	0.52
50	Gandhi-Cinema Theology							3	9	7	18	37	0.51
51	Gandhi's Relevance						10	9	2	14	2	37	0.51
52	Gandhi-other Nations			1	1	2	12	1	7	8	3	35	0.48
53	Gandhian Ethics					4	3	4	7	7	9	34	0.47
54	Administrator				2	1	9	8	4	4	6	34	0.47
55	Languages					4	4		7	6	11	32	0.44
56	Gandhi (In fiction drama etc.)						4	4	6	9	8	31	0.42
57	Culture				1		3	3	9	9	6	31	0.42
58	Gandhi-America		1		1		6	2	6	6	9	31	0.42
59	Gandhi-Memories						13	2		4	5	24	0.33
60	Gandhi-Revolutionary		1				9	8	2	3	1	24	0.33
61	Philosophy				1	3	5	4	2	1	5	21	0.29
62	Gandhi-meeting					1	10	1	1	1	1	15	0.21
63	Health			1			1	6	3	2	2	15	0.21
64	Conflict Resolution						3		1	5	5	14	0.19



65	Gandhi-Indian State						3	1	3	4	2	13	0.18
66	Gandhi-Journalist						5			4	1	10	0.14
67	Gandhi-letters				2		1	1	2	2	2	10	0.14
68	Exhibition						6		1		1	8	0.11
69	Ashram						4	1		1	2	8	0.11
70	Terrorism									2	5	7	0.10
71	Tourism						1			1	5	7	0.10
72	Agriculture				1		1	2	2			6	0.08
73	Youth						1	1		2	2	6	0.08
74	Gandhian Critique								1	2	2	5	0.07
75	Other		1	1	2	2	20	17	15	23	29	110	1.51
	Total	1	33	45	96	311	112 6	907	1148	1726	1904	7297	100.0 0

Table 5. Subject Distribution in Gandhian Literature

lected from different journals, were grouped under 7296 subjects. It has been observed that the most popular subjects were Non-violence with 620 (8.50 %) articles, which was followed by Economic idea, Religion, Gandhi-other Personality, Gandhian Philosophy, Satyagraha accounting for 433 (5.93 %), 368 (5.04 %), 354 (4.85 %), 302 (4.14 %), and 297 (4.07 %) articles respectively. Some areas of study have shown gradual increase right from their beginning like Nonviolence, Globalization, Swadeshi, Secularism, Terrorism accounting for 620 (8.50 %), 113 (1.55 %), 78 (1.07 %), 38 (0.52 %), and 7 (0.10 %) respectively.

## 8. Conclusion

On the basis of analysis of data, the following major deductions have been drawn:

- 1) There were 6175 articles published in 913 journals. The most popular journal was “Gandhi Marg”
- 2) The top 11 journals on Gandhian literature covered more than 50 % of the total literature.
- 3) The first scholar was found in 1920, since then the rate of growth has been increasing gradually and reached to maximum i.e. 67.86 articles per year in the recent decade.
- 4) The Year 1969 was observed as the 100<sup>th</sup> birth century of Gandhi.. In this year the highest number of articles i.e. 428 was published.
- 5) The new authors added in 1969 were maximum i.e. 256.
- 6) The 6175 articles were covering the wide range of subjects (7296). Among them the most popular subjects were Non-violence, Economic idea, Religion, Gandhi-other Personality, Gandhian Philosophy, Satyagraha.
- 7) Some areas of study have shown gradual increase right from their beginning like Nonviolence, Globalization, Swadeshi, Secularism, Terrorism.

Hence, it is clear that though the Gandhi died in 1948. But, his principles are still alive and are becoming popular day by day.

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