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Study of M. Sc. Theses in Vegetable Science department at KNK College of Horticulture Mandsaur, (M.P.)

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Abstract

This paper deal with bibliometric monitoring of M.Sc. Theses in Vegetable science department at K. N. K. College of Horticulture, Mandsaur. The study period of 7 Year (2008-2014) covering total theses of college 135 and department total theses are 25. The study have been analyzed year- wise, vegetable-wise, supervisor- wise, gender- wise.

Keywords: Bibliometrics, Horticulture, Vegetable, Theses.

1. Introduction

In this time research is directly connected with progress and development, which refer to a search for a new knowledge and facts. Thus bibliometrics study is a sort of measuring techniques by which interconnect aspect of written communication can be quantified. Research as an Academic activity and as such the term should be used in a technical sense. According to Gorman and Clayton, "Research is a process of enquiries that draws from the context in which events occur, is an attempt to describe these occurrences, as a mean of determining the process in which event are embedded and the perspective of those participating in the events, using induction to derive possible explanation based on observed phenomena.

2. Objective of the study

- i) To Analyze Research Productivity.
- ii) To Analyze Year-wise.
- iii) To Analyzed Gender-wise.
- iv) To Analyzed Chairman-wise.
- v) To Analyzed research trends in Vegetable Science.

3. College of Horticulture, Mandsaur: The College of Horticulture Mandsaur was known as College of Agriculture before year of 1987-2002, It is converted into K. N. K. College of Horticulture Mandaur on October 4, 2002. The college imparts education at UG and some PG level courses. The total capacity of UG level is of 56 and PG level is available in 6 department viz, Fruit Science, Floriculture and Landscaping, Medicinal and Aromatic Plant, Plantation and Spice Crops, Post-Harvest Management and Vegetable Science, In addition to normal seats in PG and UG programmes, Payment seats NRI seats and ICAR seats are also available as per rules Good facility of library, laboratories girls and boy hostels and also sports are available at this college.

4. Analysis of Data: This study reveals that 135 M.Sc. degrees have been awarded so for to professional in the field of Horticulture by K.N.K. College of Horticulture, Mandsaur (M.P.) among them, 25 research studies of M.Sc. degree awarded to Vegetable Science Department. In this study, research or analyzed data to validate information about year wise growth and subject wise M.Sc. theses.

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Table 1: No. of Case Study

S. No.	Total Theses of all subjects	Theses of Vegetable Science Department	%
1	135	25	18.51

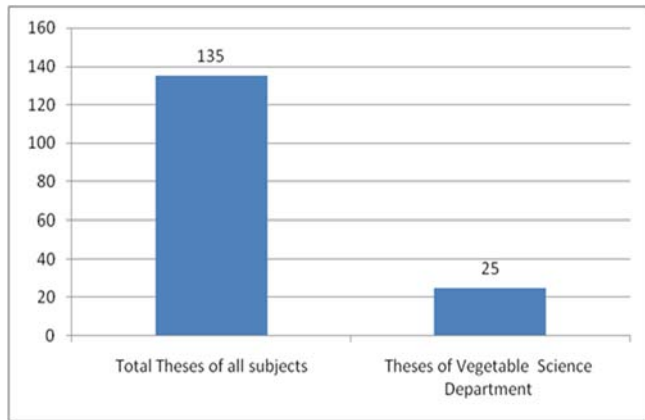


Fig 1: of Case Study

It is obvious from the said data that among the horticultural subjects, the percentage of theses submitted in Vegetable Science Department is 18.51.

Year-Wise Distribution: Total 25 M.Sc. theses have selected for the study. The following table presents the year-wise distribution (chronological) of samples:

Table 2: Year wise Distribution of M.Sc. theses

S. No.	Year	No. of Theses	Percentage
1	2008	2	8
2	2009	3	12
3	2010	2	8
4	2011	3	12
5	2012	4	16
6	2013	5	20
7	2014	6	25
	Total	25	100

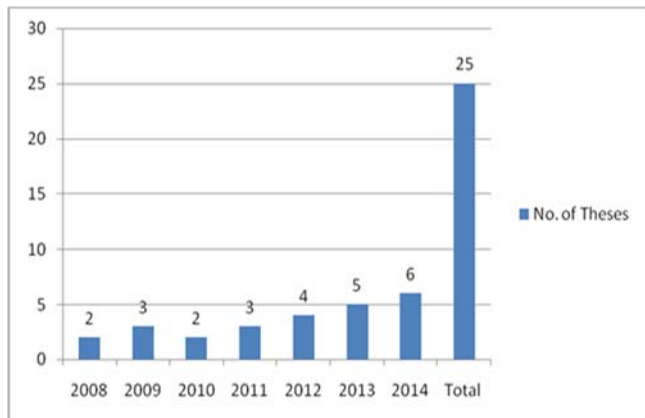


Fig 2: Year wise Distribution of M.Sc. theses

The data shows year wise distribution of M.Sc. these of 25 research scholars. The highest number of theses submitted in the year of 2014(6) followed by year 2013(5). The third position goes to the year of 2012(4). The least position goes to the year of 2008(2) & 2010(2).

Gender-Wise Distribution: Table 3 shows the Gender-wise distribution of the Horticulture M.Sc. theses. Table depicts that 19 of male candidates and 6 are found occupied by female candidates.

Table 3: Gender-wise distribution of M.Sc. theses

S. No.	Year	Male	Female	Total
1	2008	2	0	2
2	2009	2	1	3
3	2010	1	1	2
4	2011	2	0	2
5	2012	3	1	4
6	2013	4	1	5
7	2014	5	2	7
	Total	19	6	25

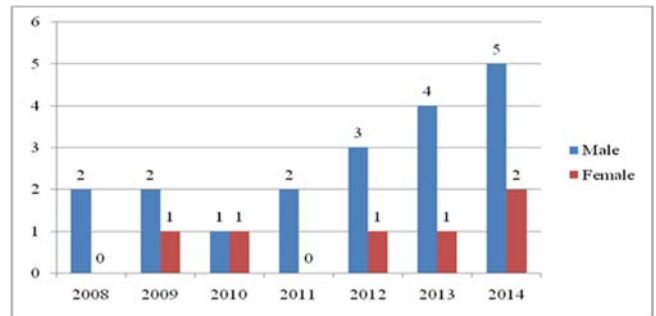


Fig 3: Gender-wise distribution of M.Sc. theses

This table shows that the highest number of male and female theses submitted in the year 2014 were 5 male and 2 female theses submitted. The Second highest numbers of theses submitted in the year 2013 were 4 male and 1 female. The third position goes to the year 2012 were 3 male and 1 female. The fourth position goes to the year 2009 were 2 male and 1 female. The lowest number of theses submitted during the year 2008.

Chairman-Wise Distribution: Chairman-wise distributions of M.Sc. these are shown in table 4. This table indicates that overall 1 chairman guided 25 M.Sc. research scholars.

Table 4: Chairman Wise distribution of M.Sc. theses

S. No.	Name of Chairman	No. of Theses	Percentage
1	Dr. S. S. Kushwah	25	100
	Total	25	100

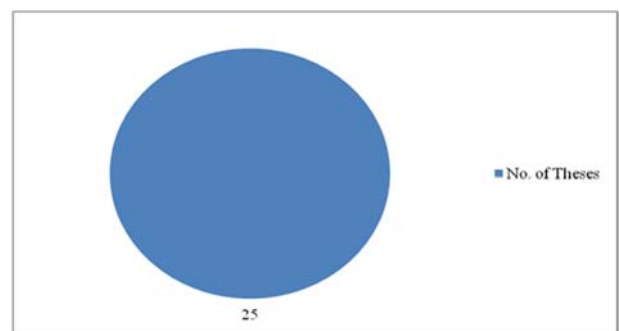


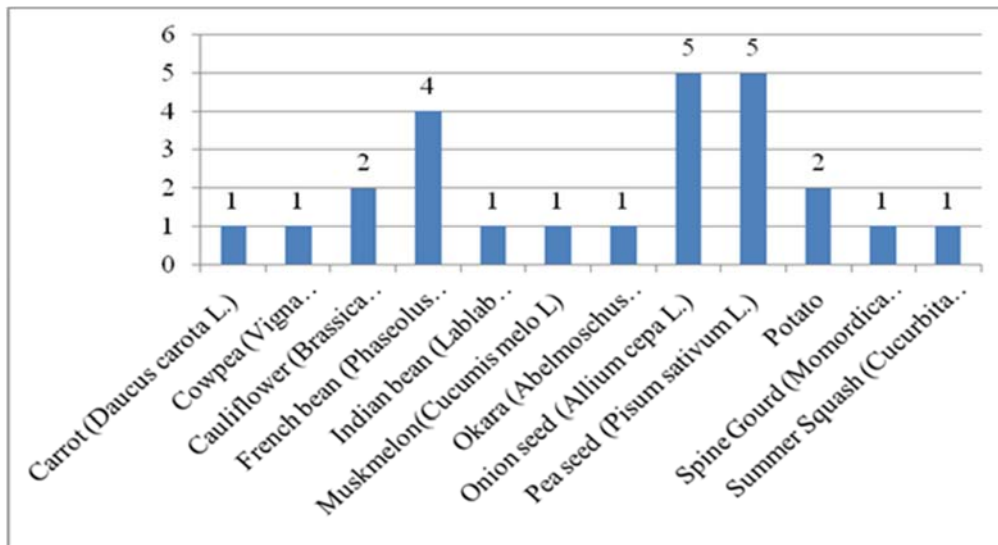
Fig 4: Chairman Wise distribution of M.Sc. theses

Table shows case studies under the supervision of guide. As is evident from the table that case studies guided by Dr. S. S. Kushwah and 100% theses guided at college of Horticulture, Mandasaur (M.P).

Vegetable Type-Wise Distribution: Vegetable Type-wise distributions of M.Sc. these are shown in table 5. This table indicates that overall 12 Vegetable Types.

Table 5: Vegetable type wise distribution of M.Sc. theses

S. No.	Vegetable type	No. of These	Percentage
1	Carrot (<i>Daucus carota L.</i>)	1	4
2	Cowpea (<i>Vigna unguiculata (L.) Walp.</i>)	1	4
3	Cauliflower (<i>Brassica oleracea var. botrytis L.</i>)	2	8
4	French bean (<i>Phaseolus vulgaris L.</i>)	4	16
5	Indian bean (<i>Lablab purpureus (L.) Sweet</i>)	1	4
6	Muskmelon (<i>Cucumis melo L.</i>)	1	4
7	Okara (<i>Abelmoschus esculentus (L.) Moench</i>)	1	4
8	Onion seed (<i>Allium cepa L.</i>)	5	20
9	Pea seed (<i>Pisum sativum L.</i>)	5	20
10	Potato	2	8
11	Spine Gourd (<i>Momordica dioica Roxb. Ex. willd.</i>)	1	4
12	Summer Squash (<i>Cucurbita pepo L.</i>)	1	4
	Total	25	100

**Fig 5:** Vegetable type wise distribution of M.Sc. theses

It is evident from the said data that Onion Seed & Pea Seed exhibited the higher percentage (43.7) followed by French bean, Potato and Cauliflower (12.5). The next exhibited position goes to Carrot, Cowpea, Indian bean, Muskmelon, Okara, Spine Gourd and Summer Squash, as compared to all the Vegetable used by research scholars.

5. Conclusion: The study shows the detail of M.Sc. theses by using Bibliometric study of K. N. K. College of Horticulture Mandsaur, It is clear from the study 25 these awarded by the College of Horticulture Mandsaur, (M.P.). Their topic were 12 related Vegetable Onion and Pea seed is the first choice of the researcher i.e. and Carrot Cowpea Cauliflower French bean Indian bean Muskmelon Okara Potato Spine Gourd Summer Squash are second choice of the students. And male are interested is the Vegetable science department is highest.

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