

The Sources of Information by the Authors of the JMAU

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Abstract

The core list of journals used by the users of all the four agricultural university libraries in Maharashtra was extracted by citations analysis of JMAU for the period 1996-2001. Rank list of journals with frequency of citations was given. The top six journals from rank list were recommended to subscribe in all the libraries under study.

Key words

Citation analysis, sources used for JMAU, authors attitude for sources

Citation analysis of Journal of Maharashtra Agricultural Universities (JMAU) has been carried out to determine the core list of Journals used by the users of these libraries. For finding out the core list of journals used by the users in the libraries of four Agricultural universities in Maharashtra namely, Dr.Punjabrao Deshmukh Krishi Vidypeeth, Akola Mahatma Phule Krishi Vidypeeth Rahuri, Marathwada Krishi

Vidypeeth Parbhani and Dr. Balasaheb Sawant Konkan Krishi Vidypeeth Dapoli. The citations from journal of Maharashtra Agricultural Universities of the years 1996 to 2001 were analysed. The study was limited to journal sources only.

Materials and methods

The citations were collected from the journal of Maharashtra Agricultural Universities. The period of study was from the year 1996 to 2001. The authors of the articles are the users of university library of four agricultural universities in Maharashtra. The trend of using sources of information was studied through the of sourceswise citation analysis table and pie-chart. The frequency of citations used was shown through the rank list of journal cited in journal of Maharashtra Agricultural Universities. The citations were collected on paper strips for analysis and analysed sourcewise and journal wise.

Result and discussion :

Table 1 : Sources wise citation analysis

| Sr.No. | Source | Number of references cited |
|--------|------------------------------|----------------------------|
| 1. | Core journals citations | 1184 |
| 2. | Citations from other sources | 1129 |
| 3. | Total citations | 3733 |
| 4. | Total journal citation | 2604 |

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It was observed from table No.1 that total citations were 3733. Out of them, journals citations were 2604, citations for other sources were 1129 and core journals citations were 1184.

The source-wise percentage of citations was shown in pie chart of citation analysis of JMAU. Journal citations were 61.9 per cent and other sources citations were 38 per cent.

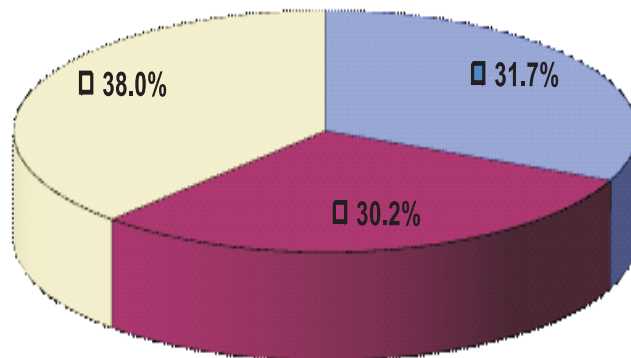
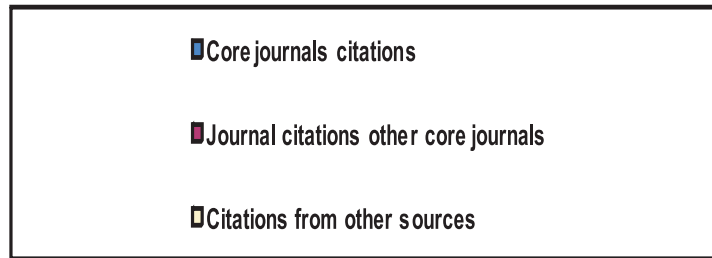


Fig 1. Pie chart showing citation analysis of journal of Maharashtra Agricultural Univesities

The citations were arranged journal-wise and ranked list of journals was prepared in descending order.

The list of core journals thus obtained is shown in Table1. The journals having more than 10 citations were included in the core list.

Table 2: Rank list of journal of Maharashtra Agricultural Universities showing the frequency of citations

| Sr.No. | Name of The Journals | Citations |
|--------|--|-----------|
| 1 | Journal of Maharashtra Agricultural Universities | 194 |
| 2 | Indian Journal of Agronomy | 167 |
| 3 | Indian Journal of Agricultural Sciences | 114 |
| 4 | Indian Journal of Genetics | 82 |
| 5 | Journal of Indian Society of Soil Sciences | 67 |
| 6 | Agronomy Journal | 61 |
| 7 | Madras Agricultural Journal | 52 |
| 8 | Crop Science | 40 |
| 9 | Indian Journal of Horticulture | 28 |
| 10 | ICAR Publications | 28 |
| 11 | Plant Soil | 27 |
| 12 | Current Science | 23 |
| 13 | Indian Farming | 23 |
| 14 | Indian Journal of Entomology | 23 |
| 15 | Indian Phytopath | 22 |
| 16 | Indian Journal of Agricultural Research | 20 |
| 17 | Journal of Oilseeds Research | 20 |
| 18 | Journal of Economic Entomology | 18 |
| 19 | South Indian Horticulture | 18 |
| 20 | Pesticides | 17 |
| 21 | Indian Veterinary Journal | 16 |
| 22 | Punjab Horticulture | 15 |
| 23 | Crop Improvement | 14 |
| 24 | Indian Journal of Pulses Research | 14 |
| 25 | Analytical Chemistry | 13 |
| 26 | Sorghum Newsletter | 13 |
| 27 | Indian Journal of Mycological Plant Pathology | 12 |
| 28 | Andhra Agriculture Journal | 11 |
| 29 | IARI Publication | 10 |
| 30 | ICRISAT Publication | 10 |

It can be observed from Table 2 that more citations were cited from the first six journals only. Those 6 journals were journal of Maharashtra Agricultural Universities, Indian journal of Agronomy, Indian journal of Agricultural Science, Indian journal of Genetics, Journal of Indian Society of Soil Science and Agronomy journal. Maximum references were cited from the journal of Maharashtra Agricultural Universities and those were 194. All the top six journals were Indian journals. The journals included in the core list are essential for the users in all libraries under study and hence can be subscribed all the libraries under study.

Presently, library users are asking for electronic journals and its access for information collection. Natarajan (2001) said about users attitude towards electronic journals that the

pedagogical issues raised by E- journals cannot be ignored because number of journals in this format are increasing rapidly and student expectations regarding their usefulness are ever higher. The advantages of convenient, 24-hour-a-day access, full text searching facility, interdisciplinary connections, and the most current research articles offered electronically will only become more apparent in the future.

Conclusions

It was concluded that the users of four agricultural universities are using maximum Indian Journals. The top six journals and other journals covered in the core list should be subscribed in four agricultural universities libraries in Maharashtra. Other than Indian journals users should be provided E-journals and access to information sources available on internet and different databases.

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