

## USAGES OF E-RESOURCES IN AGRICULTURAL UNIVERSITY LIBRARIES IN MAHARASHTRA: A STUDY

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**Abstract :** *In the state of Maharashtra there are four Agricultural university libraries which are rendering availability and accessibility of e-resources (electronics resources) to the library users (UG, PG, Faculty Staff and Research Scholars) to fulfill the objectives of the agricultural university libraries in Maharashtra State. It was conducted that the electronic information resources (e-resources), e-databases are very useful (Cera, Krishiprabha, e-granth and Krishikosh) the users of Agriculture university libraries belonging in Maharashtra state.*

**Key words:** Agriculture, E-Resources, Users, Consortia, University

### **Preamble :**

University of Agricultural Sciences, Maharashtra was established on the provision of Maharashtra Council of Agricultural Education and Research (MCAER) Pune is a body, which has been constituted under section 12 of Maharashtra Agricultural Universities (Krishi Vidyapeeth) Act 1983. In exercise of the powers converted upon MCAER vide provision in the provision of sub-section 3 of section 12 of the Act common regulations for admission to various degree programmes have been formulated.

### **Initiatives :**

The present study is a probe into this specialized area of using, and impact of electronics resources. In library collection, it concentrates on the major steps, processes and issues to be confronted in dealing with the incorporation of electronic resources into agricultural university libraries. It is important to understand and develop sound theoretical and operational knowledge about acquisition and use of e-resources and its role of licensed online e-journal online databases and its impact on library print collection and its users. This study will certainly bridge the gap in existing studies and further make understanding deeper on the subject of use of electronics resources in a much needed manner.

### **Research Methodology :**

Research methodology indicates the layout followed in a study. It explains the aims, assumptions, and scope and limitation; data collection methodology use for the study is planned and carried out as follows:

### **Statement of the Problem :**

A survey was conducted to find out whether these libraries are fully equipped to select, manage and organize in their collection for both print and non print (electronic resources). Further opinions of faculty and research scholars are sought with regard to nature and scope of the existing collections and services rendered in their Agricultural university libraries in Maharashtra.

### **Agricultural University libraries in Maharashtra :**

The present status of four Agricultural university libraries in Maharashtra given in table 3.2.1

Sr. No	Name of Agricultural University Library	Location	Region	Establishment Year
1	Mahatma Phule Krishi Vidyapeeth	Rahuri	Western Maharashtra	20th Oct.1969
2	Dr.Panjabrao Deshmukh Krishi Vidyapeeth	Akola	Vidarbha Region	20th Oct.1969
3	Marathwada Krishi Vidyapeeth	Parbhani	Marathwada Region	18th May 1972
4	Dr.Balasaheb Sawant Kokan Krishi Vidyapeeth	Dapoli	Kokan Region	18th May 1972

(MCAER Prospects2012-2013)

### **Objectives of the study :**

The study primarily aims to know about preference given electronics resources carried out in selected agricultural university libraries in Maharashtra. The ultimate purpose of e-resources is their utility. Hence, it is intended to study the use of e-resources by the library users. The specific objectives related to the present study are as follows:

1. To study the different types of electronic resources and services available in the Agriculture university libraries of Maharashtra.
2. To determine the level of satisfaction of the library users on e- resources.
3. To know the awareness of e. resources among the users of agriculture university libraries of Maharashtra.
4. To evaluate the frequency visit, time spent, purpose and utilization of e- resources by the Agricultural university library users.
5. Find out the preferences of respondents in using various categories of e-resources.

### **Hypotheses Formulated :**

For the present study the following hypotheses are proposed and tested:

**H-1:** “Users are not fully satisfied with the electronic information resources available in the Agricultural university libraries in Maharashtra”.

**H-2:** “The Agriculture universities libraries in Maharashtra do not provide adequate electronic information services.”

**H-3:** “Electronic Journals and databases are the most favored electronic resources available in the Agriculture university library”

**H-4:** “The ICAR improves the present quality for regular financial grants provided in Agricultural university libraries in Maharashtra”

#### **Scope and limitation of the study :**

The present study covers the type of users that is students, faculty staff and research scholars pursuing their study, teaching and involving research activities, respectively up to 2009 to 2011 that is limitation of users for collection of a primary data period covering up to 2011 that is limitation by period and confined users. The investigator has conducted the survey of four Agricultural university libraries in the state of Maharashtra that is limited to geographical area.

#### **Sample Study :**

The present study has taken a random sample out of the four Agricultural university libraries were total 6173 library users and distributed 400 questionnaires with a percentage of samples (6.47%) of the four agricultural university libraries in Maharashtra state.

#### **Data Collection Methodology :**

Survey method has been followed to collect data owing to its inherent advantages with questionnaire as the main tool for data collection. Questionnaire was administered to all the university librarians of the four Agriculture universities. In addition a separate Users Questionnaire was devised for the U.G., P.G. students, Faculty staff and research scholars of agriculture university libraries. ate of Maharashtra

#### **Statistical tools used for analysis and interpretation of data :**

Analysis and interpretation of data was done for the purposes analyzed using on the basis of ANOVA (Analysis of Variance), to study whether there is any significant difference due to type of library services and also due to category of user, a statistical technique namely two ways ANOVA is applied. For the analysis purpose, data in percentage is concerned, and chi-square test was used to compare an observed group of frequencies with an expected group of frequencies.

#### **Discussion and Findings :**

The study shows how library users gave preferences for different use of internet .At all four agriculture universities out of 400 library users 241(60.25%) download and save the information on internet .94(23.5%) library users take print and 65(16.25%) library users only read the information. It shows that maximum library users download and save the information on internet. In agricultural universities, following electronic resources are expected to be available. In case of four agricultural universities, the availability of the resources along with the list of electronic resources is given below: (y- Availability of resource, N- No availability of resource)

**Table 4.1 Availability of e-resources**

Sr. No.	E-resources	PKV Akola	MPAV, Rahuri	DBSKAV, Dapoli	MAV Parbhani	Total of y
1	CeRa	Y	Y	Y	Y	4
2	Krishiprabha	Y	Y	N	Y	3
3	e-Granth	N	N	N	N	0
4	open j-gate	N	Y	N	Y	2
5	Uni.online thesis	Y	Y	N	Y	3
6	NDLTD	Y	N	N		1
7	e.TAD	Y	Y	N	Y	3
8	inflibnet	Y	N	N	Y	2
9	Online e- journal	Y	Y	N	Y	3
10	e-books	Y	N	N	Y	2
11	JMU	Y	Y	N	N	2
12	Indiastat.com	N	Y	N	N	1
13	Online Databases	Y	Y	Y	Y	4
	Total	10	9	2	9	

From the table we see that in the library of PKV Akola, 10 out of 13 (77%). E-resources are available. In the library of MPAV, Rahuri and MAV Parbhani, 9 out of 13 (69%) e-resources are available. But in the library of DBSKAV, Dapoli, only 2 out of 13 (15%) e-resources are available. From the above table it can also be seen that the e-resources namely CeRa and Online Databases are available all the 4 universities. The e-resources namely Krishiprabha, Unionline thesis, e.TAD, online e-journal are available in 3 universities. The e-resources namely open j-gate, inflibnet, e-books and JMU are available in 2 universities. The e-resources NDLTD and Indiastat.com are available in only one university whereas the e-resources Union online thesis is not available in any of the universities. In the university library, CDROM data bases are also expected to be available. However, the database Agricola is not available at any agricultural university in Maharashtra. The database namely CB Abstract is available at PKV, Akola and MAV Parbhani only. However, the data bases FSTA and AGRIS are available only at MAV Parbhani.

- It is the information about where library users access e-resources out of 400 library users 228 (57%) library users use e-resources at computer center, 136(34%) users at university library, 216(54%) at home, 216(54%) at home, 132(33%) at on Campus location, 128 (32%), at off Campus location, 72(57%) at hostel, and dept. total 72(57%). From the above study it is clear that maximum library users use e-resources at computer centre.
- The first priority given by the library users for seeking their information total 112 (28%) for using online data bases, 97(24.25%) library users searching On –line public access Catalogue (OPAC), 64(16%) library users searching information on

various reference Sources total 38 ( 9.5%) library users searching e-mail and 14(3.5%) library users searching internet websites. Reveals that most of the respondents are seeking information from on line data bases on the internet.

- It is information about the details of library software which is use at different university libraries .MPKV library and BSKKV library are using SLIM 21 library software, MKV library is using SLIM++ library software, and PDKV library is using LIBSYS library automation software.
- Every year there are specific budget allocated to every university library. In 2009-10 PDKV library and BSKKV library did not received any grant in the comparison MPKV library receive 13192700 rupees grant and MKV library receive 374100 rupees grant .In 2010-11 PDKV library received 254000 rupees grant,MPKV library received 9019200 rupees grant,MKV library received 822000 rupees grant and BSKKV library did not received any grant. In 2011-12 PDKV library received 12754000 rupees grants, MPKV library received 14148000 rupees grant, MKV library received 3258200 rupees grant and BSKKV library received 3500000 rupees grant from ICAR.

### **Conclusion :**

It has been concluded after through study that library maximum users are using library for different purposes such as for issue books, for referring journals, for Xerox facilities and other services and they are satisfied with the library services .Various e-resources namely Cera ,Krishiprabha ,e-Granth Open J gate ,Uni.online thesis ,NDLTD ,eTAD are available in Agricultural universities. And library users often use these e-resources for their academic study work PDKV library users are mostly aware about these e-resources We can obverse that satisfaction level of library service is lowest for BSKKV library Dapoli .Satisfaction level found lowest for BSKKV, Dapoli may be due to the reason that there is no full time university librarian.

### **References**

- MCAER Prospects (2016) Maharashtra Council for Agriculture Education and Research Pune Available at <http://www.mcaer.org> [Accessed 12-9-2016]
- Mahatma Phule Krishi Vidyapeeth (2009) Mahatma Phule Krishi Vidyapeeth Rahuri Available at <http://www.mah.nic.in> [Accessed 11-9-2016]
- Dr Panjabrao Deshmukh Krishi Vidyapeeth (2009) Dr Panjabrao Deshmukh Krishi Vidyapeeth Akola Available at <http://www.pdkv.mah.nic.in> [Accessed 12-9-2016]
- Dr Balasaheb Sawant Kokan Krishi Vidyapeeth (2009) Dr Balasaheb Sawant Kokan Krishi Vidyapeeth Dapoli Avalable at <http://www.dbskkv.org> [Accessed 11-02-2016]
- Marathwada Agriculture University (2009) Marathwada Agriculture University Parbhani Available at <http://www.mkv2mah.nic.in> [Accessed 11-2-2021]
- Rokade S.M.and Rajlakshmi 'Evaluation of Electronics Information Services in Agricultural University Libraries in Maharashtra:A Study 4<sup>th</sup> International convention CALIBER Gulbarga 2-4 February,2006.