



USE OF E- DATABASES SERVICE BY THE STUDENTS OF JAIPUR NATIONAL UNIVERSITY, JAIPUR: A SURVEY

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Abstract

The paper examines the use of e-databases service by the students of Jaipur National University, Jaipur, India. The study includes search behaviour and difficulties confronted by the students while browsing e-databases service and opinion about the same. Printed questionnaires were administered among students of all major departments of Jaipur National University, Jaipur, India. The result of the study shows that J-Gate and IEEE are the most used e-databases, besides a good number of students facing difficulties while searching. The majority of students are satisfied with the e-databases service of the university.

Keywords: Database services, Role of e-database, Use of databases, J-Gate Database

Introduction

In this information era everybody wants to get information easily and rapidly without spending more time. Now it is possible with the optimum utilization of the e-databases. These databases are playing vital role not only in the higher education but also in research works. Jaipur National University is rendering e-databases service to their students. These e-databases are IEEE which covers the engineering field it has 145 e-journals; J-Gate is covering six fields these are Agriculture & Biological science, Arts & Humanities, Basic sciences, Social and management science and it is also providing 1802 e-journals and magazines. Manupatra is for law students; it has four journals. Nature is for life sciences students; Bentham is for the pharmaceutical students and it contain 23 e-journals. In this paper we examine the usage and problems of students of Jaipur national university.

Objective

Jaipur National University, Jaipur is providing all the necessary services like e-database, Book Bank, National and International journals services. But in these services one of the best services

is e-database. Because these e-databases are cover almost all subjects. So the main objective of this paper is to find out how much students are using e-databases service and what kind of problems they are facing while using the e-databases service. Are Students satisfied or not.

Methodology

For the examination random method has been used. By this method I have made total 500 questionnaires and distributed 100 questionnaires to each major departments of Jaipur National University. For in this process we have taken major departments like Engineering, Life Sciences, Education, Law and Pharmacy. 500 questionnaires prepared and distributed to the students and out of it 465 collected back.

Distribution of Questionnaires to all the major Departments of Jaipur National University, Jaipur

Table: 1 shows the Questionnaires Distribution

S.No.	Departments	Questionnaires Distributed Total - 500	Questionnaires Received Total (R) - 465	Percentage of Respondents Total - 93%
1	Engineering	100	98	21.5%
2	Life Sciences	100	95	20.4%
3	Education	100	97	20.8%
4	Law	100	90	19.3%
5	Pharmacy	100	85	18.2%

Note: R- Respondent

Total 500 questionnaires distributed to all the major departments equally (100 each) and out of 500 questionnaires collected back 465 questionnaires from the respective departments. And 35 questionnaires were not received. In engineering branch 100 questionnaires distributed out of it 98 collected back. In Life sciences 100 questionnaires distributed out of it 95 collected back, same as Education distributed 100 and collected back 97, In Law distributed 100 collected back 90 and in pharmacy distributed 100 and collected back 85. The highest percentage of respondent is 21.5% of engineering department and lowest is 18.2% of pharmacy department.

How many users are using e-databases service in Jaipur National University, Jaipur

Table 2: Shows the department wise e-database users.

S.No	Departments	Respondent R - 465	Database User	Percentage of User
1	Engineering	98	52	53.0%
2	Life Sciences	95	44	46.3%
3	Education	97	22	22.7%
4	Law	90	32	35.5%
5	Pharmacy	85	38	44.7%

With the help of questionnaire we have found that the highest and lowest users of e-databases service at Jaipur National University. The engineering department students are using e-databases service more than any other departments. The highest percentage is 53.0% of engineering department and education department students are just using 22.7% of e-databases service which has the lowest usage by the users. Life Science department students are using 46.3%; Law department students are using 35% and pharmacy department students are using 44.7%.

Which e-databases service is used maximum by the students of Jaipur National University, Jaipur

Table 3: Shows the E-Databases Service usability

S.No	Databases	Engineering R-98	Life Sciences R-95	Education R-97	Law R-90	Pharmacy R-85	Total R- 465	In %
1	IEEE	52	00	00	00	00	52	11.1%
2	J-Gate	20	31	22	00	00	73	15.6%
3	Bentham	00	00	00	00	40	40	8.6%
4	Manupatra	00	00	00	32	00	32	6.8%
5	Nature	00	44	00	00	00	44	9.4%

15.6% students are using J-Gate which is the highest percentage of usage of e-database and 6.8% students are using Manupatra that is the lowest percentage of usage of e-databases. And others are 11.1% students using IEEE, 9.4% students using Nature and 8.6 % students using Bentham. Hence J-Gate is maximum used e-database among the others.

Difficulties faced by the students while using e-databases service at Jaipur National University, Jaipur

University has provided separate internet lab not only in the library but also in all the respective departments for the use. Students are generally facing the problem of internet speed. Some time it get slow. And the other problem is that students needed login password for the use of databases. Some students have not aware about the login. So library has provided them a common login password so that they can use to open the databases. Another problem is that they do not have proper knowledge about how to access the e-databases.

These problems are shown in the table: 4

Table: 4 Shows the difficulties faced by the students.

S.No.	Problems	Respondent Total - 465	Percentage %
1	Slow speed of internet	98	21.0%
2	Login password problem	95	20.4%
3	Difficult in accessing	93	20.0%
4	Use in campus only	107	23.0%
5	Timing problem	72	15.4%

23.0% percent students have faced the problem that they can use these e-databases only in the university campus. Out of the university campus they cannot access. And 21.0% percent students have faced the problem of slow speed of internet. 20.4% percent students have login problem and 20.0 % percent have difficulties in accessing the database and rest of 15.4% percent students have timing problem.

Find out the students satisfaction and dissatisfaction regarding e-databases service.

Table: 5 shows the Department wise students satisfaction and dissatisfaction

S.No	Departments	Respondent	No. of Satisfied Students	Percent %	No. of Dissatisfied Students	Percent %
1	Engineering	98	69	70.4%	29	29.5%
2	Life Science	95	58	61.0%	37	38.9%
5	Education	97	56	57.7%	41	42.3%
4	Law	90	48	53.4%	42	46.6%
5	Pharmacy	85	52	61.2%	33	38.8%
Total		465	283	60.8%	182	39.2%

The satisfaction percentage of engineering department students are 70.4% and 29.5% percent students are dissatisfied. And 61.0% percent of life sciences students are satisfied by e-databases service and 38.9% are dissatisfied. Similarly in other branches like education 57.7% are satisfied but 42.3% are dissatisfied. 53.4% of law students are satisfied but 46.6% are not. And 61.2% of pharmacy students are satisfied but 38.8% are dissatisfied. But in majority 60.8% percent students are satisfied. And 39.2% students are dissatisfied by e-databases service.

Findings

Finding of this paper is that we have found how many students are using databases service and what are the problems they are facing while accessing, which that database are used maximum and students are satisfied or not by these databases service.

1. In the table 2, we have found that 53% of engineering department students are using e-databases service that is the highest percentage of users. And 22.7% percent of education department students are using e-database services. It is the lowest percent of users.
2. We have found that in table 3, J-Gate database is used 15% which is more than any other databases. And Engineering, life sciences and education departments are using J-Gate because J-Gate covers maximum subjects like Agriculture & Biological Sciences, Biomedical Sciences, Engineering & Technology, social and management Sciences and the least usage of manupatra databases i.e. 6.8%.
3. We have found that most of students cannot access the databases because it is LAN based, which means it accessible only in the university campus; outside the campus students cannot access; that is the major problem for day warder students and 21.0 % students said internet speed is slow i.e. the second major problem.

4. With the help of this paper we have found that majority of 60.8% percent students have satisfied by e-database service and 39.2% students are dissatisfied by e-databases service shown in table 5.

Conclusion

Emergence of internet has revolutionised the modes of accessing and dissemination of information. E-resources, particularly e-journals and databases are important sources of information. The majority of students are satisfied with the e-databases service of the university. University campus needs constant guidance and training to maximize the use of the e-resources. The librarians have an important role to play in assisting the library users to make the best use of the databases to a maximum extent.

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