

## Use of information resources subscribed through NKRC by the scientific community of CSIR Institutes in Lucknow: A study

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### Abstract

The present study is an about the Use of Information Resources Subscribed through NKRC by the Scientific Community of CSIR Institutes in Lucknow. The purpose of this paper is to analyse the awareness and usage rate of Information resources subscribed and provided through NKRC to institute’s knowledge resource centres.

**Keywords:** Consortium, Research, Budget, Electronic Journals, Resource Sharing, India etc.

### Introduction

In Today’s scenario, Libraries serving to specific community are in a transitional phase because the impact of information and communication technology has been very high on special library functioning, users are highly specific in their needs and are also aware of other alternatives which provide information. Hence libraries are knocking all possibilities to keep the patrons satisfied.

In a special libraries specially dealing with science and technology subjects, research is a main component and updated information is very necessary to researchers to update with their field. Hence they completely depend on scholarly periodicals to meet up their information requirements but the continuous escalations in price of e journals are the major problem faced by all the libraries. To overcome with this problem libraries come together and joint their hands for centralized acquisition.

National Knowledge Resource Consortium is the example of those kinds of efforts mainly dealing with Science and Technology libraries, aimed to subscribe maximum resources in minimum cost.

### Purpose of the Study

The purpose of this study is to examine the awareness and use of information resources subscribed by NKRC for their scientific community.

### Material and Methods

In order to view the usage of Information resources subscribed by National Knowledge Resource Consortium, we have conduct a survey in CSIR Institutes situated in Lucknow. Data related with use and awareness of resources subscribed by NKRC is collected through Predesigned Questionnaire Thus, data has been collated in order to find out information with an aim to the following:

- **Institution wise rate of Consortium awareness**
- **Mode of Awareness**
- **Approaches used to Search Online Resources**

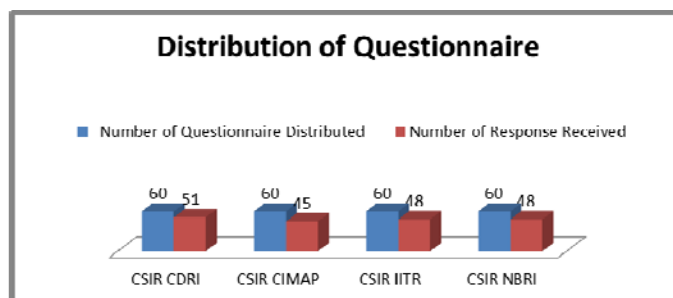
### ➤ Place preferred by Scientific Community to Access e journals

### Result and Discussion

After all the resources were collated and the tabulated we have found the status to be as follows:

**Table 1:** Distribution of Questionnaire

Name of Institutions	Number of Questionnaire Distributed	Number of Response Received	Percentage
CSIR CDRI	60	51	26.56 %
CSIR CIMAP	60	45	23.43%
CSIR IITR	60	48	25%
CSIR NBRI	60	48	25%
Total	240	192	99.99%



**Fig 1**

The above table shows that overall responses 99.99 % were observed and highest response (51 (26.56%) was received from CSIR CDRI. The Institute wise graphical representations of responses have been given in figure no.1

**Table 2:** Gender Wise Response Received

Gender	Number	Percentage
Male	102	53.192%
Female	90	46.80%
Total	192	99.99%

## Gender Wise Response



Fig 2

The table and figure 2 stated that out of the total responses (192), 102 (53.19%) were male and 90 (46.87%) were female.

Table 3: Age Wise Response Received

Age	No.	Percentage
18-25	81	42.18 %
25-35	46	23.95 %
35-45	23	11.97 %
More than 40	42	21.87 %
Total	192	99.97 %

The age wise response represent that most of the respondent 81 (42.18%) were between the 18-25 years followed by 46(23.95%) between 25-35 then 42 (21.87%) were more than 40 years and only 23 (11.97%) were between the 35-45 years.

Table 4: Designation Wise Response Received

Designation	No.	Percentage
Scientist	72	37.5 %
SRF	36	18.75%
JRF	49	25.52%
PA	24	12.5%
Other	11	5.72%
Total	192	99.99%

The table 4 represents designation wise response that reveals most of the respondent 72 (37.5%) were scientist followed by 49 (25.52%) were JRF 36 (18.75%) SRF, 24 (12.5%) PA and only 11 (5.72%) were other positions.

Table 5: Institution Wise Rate of Consortium Awareness

Institute Name	Yes	Percentage	NO	Percentage
CDRI	23	25.27%	29	28.71%
Cimap	19	20.87%	27	26.73%
IITR	22	24.17%	24	23.76%
NBRI	27	29.67%	21	20.79%
Total	91	47.39%	101	52.60%

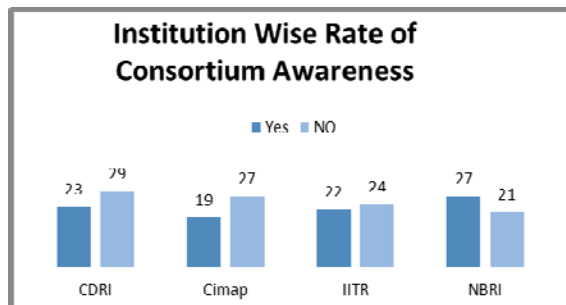


Fig 3

The word awareness consider as the potential to state or to be aware of events, matter, thoughts etc. In order to know the awareness about information resources subscribed by NKRC, the respondents were asked to specify their awareness regarding information sources subscribed through NKRC. As illustrated in the Table 5 and figure 3; 52.60% sums of users were not aware and only 47.39 % of users were aware about consortium subscription.

Table 6: Route Preferred to Search Literature

Institute Name	CDRI	Cimap	IITR	NBRI	Total
Search engines	42	54	53	43	192 (20%)
Open Access journals	62	43	55	32	192 (20%)
Library Websites	39	56	49	48	192 (20%)
Consortium link provided in your library web page	52	44	53	43	192 (20%)
Publisher website	36	60	43	53	192 (20%)
Total	231	257	253	219	960

The Table 6 show that 20 % sum of respondents were searching research literature through search engine, 20% searching through Open Access journals, 20 % searching through Consortium link provided in library web page, and 20% searching through Publisher websites.

Table 7: Place Preferred by Scientific Community to Access e-Journals

Institute Name	CDRI	CIMAP	IITR	NBRI	Total
Institutes central Library (KRC)	38	58	68	28	192
Division's computer lab	42	54	35	61	192
Own computers/Lap top	37	59	52	52	200
Other institutes premises	50	69	42	31	192
Outside the campus	49	43	54	48	194
Total	216	283	251	220	970

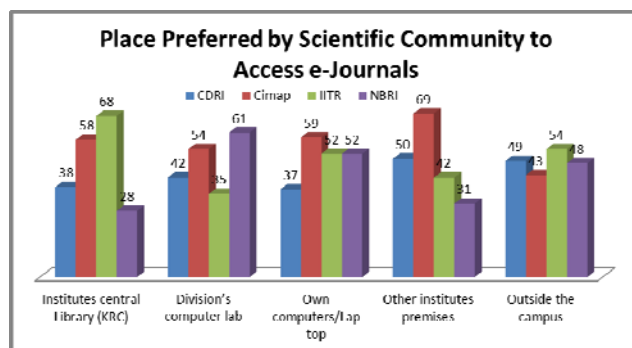
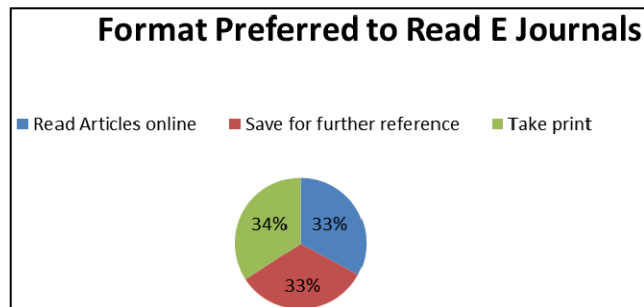


Fig 4

Table 7 and figure 4 shows that majority 200 sum of respondents were favoured Own computers/Lap top for access information, followed by 194 favoured Outside the campus and 192 equally favoured to other places like Institutes central Library (KRC), Division's computer lab and Other institutes premises.

**Table 8:** Format Preferred to Read E Journals

Institute Name	CDRI	Cimap	IITR	NBRI	Total
Read Articles online	38	58	68	28	192 (33%)
Save for further reference	42	54	35	61	192 (33%)
Take print	37	59	52	52	200 (34%)
Total	117	171	155	141	584



**Fig 5**

The table 8 shows that majority 34 % sum of respondents were preferred print format to read e-resources, followed by 33 % favoured to save and 33 % preferred to Read Articles online

### Conclusion

To overcome the problem of financial crunch being faced by all the knowledge centre of CSIR Institutes Libraries in India, NKRC has form as a significantly helpful solution to fulfil the information requirement of scientific community but the present position of NKRC is not very comfortable. As most of the scientific community of CSIR institutes lucknow are unaware about resources provided by consortium hence there is a need of awareness program for researchers, and scientist. So that the maximum utilisation of the information resources subscribed through consortium may be possible.

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