

ROLE OF E-RESOURCES IN SPECIAL LIBRARIES: CONCERNING NATIONAL POWER TRAINING INSTITUTE OF INDIA

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Abstract:

The paper consolidates information about the e-resource collection of Libraries National Power Training Institute. It covers topics such as the mode or form of e-resources, the growth of e-resources, the budget spent on e-resources, subscriptions to consortia, downloading of e-resources, issue-return procedures for e-resources, and any difficulties in this process. The familiarity of staff members with the e-resource environment and the provision of ICT training for staff are also discussed. The paper also examines the response of users towards e-resource services and includes the opinions and suggestions of National Power Training Librarians.

Keywords: Special Library, Library Service, Library Budget, NPTI, India,

Introduction:

The technological advancements in today's world have had a significant impact on human life in all aspects, including the field of Library Science. Libraries are now using information communication technology (ICT) to carry out housekeeping operations and provide value-added services. Electronic resources such as e-journals and e-books have emerged as noticeable innovations. From paperback editions to audiobooks and e-journals, the journey continues up to Augmented Reality Books. Library portals, institutional repositories, OPAC, WEB OPAC, M-OPAC, remote access, Electronic Document Delivery services, and Digital reference services are some of the technology-based products developed in the modern world. E-resources refer to resources made available in electronic and digital form. According to AACR2, it is "material encoded for manipulation by a computerized device." National Power Training Institute (NPTI) is a renowned Central Government Institute in the Power sector and has branches scattered all over India. NPTI provides training related to Hydro Power, Thermal Power, and other areas, and the libraries of NPTI fall under the Special Library category. The study has been carried out concerning all the NPTI Libraries and their e-resources. The

National Power Training Library in Nagpur has been visited physically, and data has been collected through questionnaires, telephonic conversations, websites, annual reports, bulletins, etc. A literature review has been conducted on the topic, and an attempt has been made to understand internet facilities, procurement of e-Resources, dissemination, and retrieval of the same. Some conclusions have been drawn, such as users prefer PDF formats to HTML. The UGC INFONET program was launched to promote the use of e-resources, and libraries of Agriculture Universities, the Institute of Medical Sciences, and document centers such as NISCAIR, DESIDOC, NASSDOC, and BARC are developing and managing their databases on the web to promote the use of e-resources. All the Universities and colleges that received A, A+, and A++ grades from NAAC have started digitizing rare books and related supportive documents in their libraries. E-resources reach users within the shortest time, save time, help achieve economy, are easy to operate, improve user satisfaction and assist in providing high-quality services, and can be archived.

Types of e-resources:

S. N.	E-Resource Type	About
1	E-Book	e-books are available in many formats pdf, can be read through adobe reader, Kindle, ipad, e-reader, Microsoft Reader, Mobipocket Reader
2	E-Journal	E-journals are with digital information relevant to particular subject.
3	E-Newspaper	It is an online document readable from any corner of the world.
4	E-Magazines	E-magazines are application of Information technology communication.
5	Indexing&Abstracting Databases	All the information about expected research paper or Journal, volume, book we can get through these.
6	Full Text Database	Many Dictionaries, Encyclopedias almanacs are available online
7	Reference Database	Contains useful numerical data for mass community
8	Statistical Database	Contains e-images
9	Image collection	Multimedia Products
10	E-Thesis	Contains,e-thesis,e-dissertations for research purpose.
11	E-Clipping	For retrospective search
12	E-Patents	To make use of an invention for specific period.
13	E-Standards	Written definitions,rules, approved by Authoritative Agency.

Advantages of e-resources:

1. E-resources are easy to access, anytime, anywhere.
2. At a time many users can access.
3. Portable to transfer through the mail.
4. No space problem.
5. No need for a library building
6. Effective retrieval search
7. Cost-effective
8. Compact form
9. No fear of loss
10. Conservation, preservation, and archiving are possible.
11. Global access to information.

Analysis and interpretation of data:

For the purpose of this research, special libraries such as the National Power Training Institutes have been studied. Data has been collected using questionnaires, telephonic communication, and through actual visits. The following observations have been made: library computerization status, collection of electronic resources, types of electronic resources collected, budget allocation for electronic resources, subscription to consortia, availability of separate facilities for electronic resource usage, issue-return procedures, difficulties in issue-return, provision of ICT training to staff, user response to electronic resources and services, library opinions about users, and suggestions for improving electronic resources and services. NPTI operates throughout India via its eleven institutes with attached libraries located in different zones of the country, as detailed below:

A	Northern Region	NPTI Corporate Office, Faridabad
		NPTI Badarpur, New Delhi
		NPTI Nangal
B	Southern Region	NPTI (PSTI) Bengaluru
		NPTI (HLTC) Bengaluru
		NPTI Neyveli
		NPTI Alappuzha
C	Eastern Region	NPTI Durgapur
		NPTI Guwahati
D	Western Region	NPTI Nagpur
		NPTI Shivpuri

Following e-resources were found and analyzed, as mentioned in the tables

Table no 1:

Resources available in the Libraries of National Power Training Institute's Libraries

Sr. No.	Name of the institutes	State	Printed books of Establishment	EBooks	Printed Journals	E-Journals	E-Resources	No. of PC available in the Library
1.	National Power Training Institute, Faridabad	Haryana	16322	Nil	17	Nil	NPTI	3
2.	National Power Training Institute, Badarpur	Delhi	4627	Nil	9	Nil	NPTI	2
3.	National Power Training Institute, Nangal HPTC	Punjab	612	Nil	2	Nil	NPTI	1
4.	National Power Training Institute, Bengaluru PSTI	Karnataka	328	Nil	5	Nil	NPTI	1
5.	Hot Line Training Center, Bengaluru HLTC	Karnataka	311	Nil	4	Nil	NPTI	1
6.	National	Tamil	4322	Nil	9	Nil	NPTI	3

	Power Training Institute, Neyveli	Nadu						
7.	National Power Training Institute, Alappuzha	Kerala	Nil	Nil	2	Nil	NPTI	1
8.	National Power Training Institute, Durgapur	West Bengal	9216	Nil	8	Nil	NPTI	3
9.	National Power Training Institute, Guwahati	Aasam	2314	Nil	4	Nil	NPTI	2
10	National Power Training Institute, Nagpur	Maharashtra	11734	Nil	17	Nil	NPTI	3
11	National Power Training Institute, Shivpuri	Madhya Pradesh	Nil	Nil	2	Nil	NPTI	1

Table 1 shows resources available in the institute's library of NPTI. It shows the availability of printed books, eBooks, printed journals, e-journals, e-resources and availability of computer machines in the library. All 11 institutes use resource centers, CBT packages and NPTI publications of the library.

Table 2: Mode or forms of e-resources collection in Libraries of NPTI in the year 2001

S. N.	Types of e-resources	No. of NPTI Libraries
1	Microfilms	32
2	Floppies	36
3	Cassettes	180
4	CD/DVDs	82
5	Hard Discs	09
6	Libraries having Database	02

Table 3: Growth of e-resources during last 3 years

S. N.	Acquisition of e-resources	No. of NPTI Libraries	Percentage (%)
1	Since Last 1 Year	02	18.18
2	Since Last 1 Year	06	54.55
3	Since Last 1 Year	10	90.9
4	Not acquired yet	01	9.09

Table 4: Budget spent on e-resources

S. N.	Year	No. of NPTI Libraries	Percentage (%)
1	2012-13	4	36.36
2	2011-12	4	36.36
3	2010-11	7	54.55
4	Budget not spent on e-resources	8	72.72

Table 5: Subscription of Consortia

S. N.	Subscriptions of Consortia	No. of NPTI Libraries	Percentage (%)
1	N-LIST	NIL	NIL
2	INDEST	NIL	NIL
3	INFONET	NIL	NIL
4	J-GATE	02	18.18
5	Subscribed but not mentioned	1	9.09
6	Not subscribed	7	54.55

Table 6: Download of e-resources

S. N.	Types of e-resources	No. of NPTI Libraries	Percentage (%)
1	Only e-Books	01	9.09
2	Only e-Journals	01	9.09
3	Only Databases	01	9.09
4	e-Books & e-Journals	06	54.55
5	e-Books, e-Journals & Databases	04	36.36
6	e-Books, & Databases	02	18.18
7	Do not download	07	81.81
8	Not responded	01	9.09

Table 7: Issue/Return Procedure

S. N.	Issue /Return of CD/DVDs	No. of NPTI Libraries	Percentage (%)
1	Libraries allow Issue/Return	10	90.9
2	Libraries do not allow Issue/Return	01	9.09

Table 8: Difficulties in Issue/Return Procedure

S. N.	Difficulties in Issue/Return	No. of NPTI Libraries	Percentage (%)
1	Institute Libraries have Problems	01	9.09
2	Opinion not mentioned by	02	81.81
3	Not Responded	08	9.09

Table 9: Staff familiarity with e-environment

S. N.	Status	No. of NPTI Libraries	Percentage (%)
1	Comfortable	08	72.72
2	Not Comfortable	01	9.09
3	Partial Comfortable	02	18.18
	Total	11	100

Table 10: Provision of ICT training for supportive staff

S. N.	Status	No. of NPTI Libraries	Percentage (%)
1	Yes	01	9.09
2	No	09	81.81
3	Not responded	01	9.09
	Total	11	100

Table 11: Response of users towards e-resources & e-services

S. N.	Status	No. of NPTI Libraries	Percentage (%)
1	Average	08	72.72.
2	Good	07	63.63
3	Very Good	02	18.18
4	Poor	02	18.18
	Total	11	100

Table 12: Opinion of Librarians about users

S. N.	Opinion of Librarians about users	No. of NPTI Libraries	Percentage (%)
1	Satisfactory	10	90.9
2	Unsatisfactory	01	9.09
	Total	11	100

Table 13: Suggestions about e-resources & e-services for NPTI Libraries

S. N.	Suggestions provided by Librarians	No. of NPTI Libraries	Percentage (%)
1	Suggestions provided by Librarians	10	90.9
2	Suggestions not provided by Librarians	01	9.09
	Total	11	100

Conclusion:

Large amounts of data and information can be stored in the form of e-resources, without any space-related issues. E-resources are available 24/7, every day of the year, for the benefit of both libraries and users. With an increasing awareness about e-resources, librarians have become well-versed with them, along with information and communication technology (ICT), and have found new ways to disseminate information. For instance, the National Power Training Institute (NPTI) of India maintains a specialized collection on Thermal Power Plant and creates its own publications and computer-based training material on micro-topics of the power sector. Additionally, large amounts of data and information are available in open-sourced forms on NPTI's website under the "Downloads" section.

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