

# National Institutes of Technology's Information Libraries and their Services: A Study

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**Abstract-** Technical education is very important for the development of any country. Many institutions are established in India for this purpose. The National Institute of Technology is one of India's finest institutions for science and engineering, and their library is crucial to advancing technical education. The present study is conducted to trace out the status of NITs Information and its various services which are provided to the users. The paper will also cover the different types of collection available in library. The findings of the paper show that NITs information have a rich collection both in print and non print format. To meet the needs and goals of NIT users, Information offer a variety of specialized services to users.

**Keywords-** National Institute of Technology; Technical education; NIT's Library; Information services; Library's collection.

## I. INTRODUCTION

National institute of technology is the premier institute in India. They were established to promote high quality technical education and research in the field of engineering and technology. NITs are very prestigious institute in the country and known for excellent and rigorous academic programs, vibrant and enriching environment for students. NITs offers undergraduate, postgraduate, and doctoral programs in the field of engineering and technology.

At present 31 national institutes of technology are working in the different parts of the country with excellent library facilities. Its libraries are having excellent collection of reading materials for their users and supporting in strong foundation in subject, critical thinking, problem solving skills and innovation which enable students and faculty members to participate in the various programs and collaborative research.

## II. LIBRARIES

NITs are having their own library for the supporting of the aims and objectives of the parent organizations. These libraries are offering various kinds of library services to their users. These libraries are well equipped with collections and services. The collections of the libraries includes variety of reading information sources such as books, journals, databases, reference sources, etc. for wide range of subject field related to engineering, science and technology. The collection and services of the library may be differed as on the basis of the user requirements.

### Features

- It is specialised centre working to provide right information to the specific users group or community.
- It offers unique collection of a particular subject field or discipline such laws, health, engineering etc.

- It provides specialised collection of the information resources such as patent, reports, databases etc. to their user's community.
- NITs are having expert librarian which have knowledge of handling various resources and skills to understand information need of the users.
- Libraries provides various specialised services to their users which included CAS, literature search, ILL, research support services.
- Libraries working with the collaboration of various institutions and stakeholders or government agencies for the various activities.
- Libraries offer various tools for the promotion of the online information resources, digital repository, software etc.
- It offers various space facilities for the users to collaboration studies of the users.
- It support continuing education and professional development activates through training, seminar, workshop, etc.
- It heavily involved in the dissemination of knowledge through guide, news latter, webinar etc.

### III. REVIEW OF LITERATURE

Sahoo and Panda (2021) investigated the Indian Institutes of Technology (IITs) Library System. The IIT Libraries' top print resources in terms of availability were books, followed by bound volumes, thesis, and dissertations. The IIT Libraries of India's main electronic resources were electronic books, electronic journals, and electronic theses and dissertations (ETDs). Only one IIT Library utilised 30% of the available library technologies out of the 18 IIT Libraries, with 17 IIT Libraries using more than 50% of them. Renu (2017) gave an overview of NITs libraries and evaluated the current library and data services offered by Indian NITs. The author stated that libraries of these institutions provide specialized collection according to the need of users for enhancing science and technology education in India. Verma and Sonkar (2017) conducted research on the use of information and communication technology (ICT) infrastructure, including software for library management systems, institutional repositories,

security systems, library networks, web browsers, network system software, internet connectivity, and antivirus programmes in India's IIT libraries. Kaushik (2015) attempted to assess and examine the services, resources, and other information offered on the library websites of 28 National Institutes of Technology (NITs) through the use of a checklist. The study's findings showed that while the majority of NIT libraries' websites provide information about their name, logo, book collection, electronic resources, accuracy, variety of services, and sections, they are deficient in their mission statements, up-to-date search interfaces, and dependability.

### Objectives

- To identify the present status of NITs libraries.
- To trace out the various print and non print collection in NITs libraries.
- To determine the specialized services provided by the libraries of Indian Institute of Technology.

### IV. COLLECTIONS

The libraries at NIT house a sizable collection of books in the fields of engineering, science, and technology, as well as other relevant fields. In general, a wide range of topics are covered in the collection, including fundamental engineering topics, computer science, electronics, mathematics, physics, chemistry, and humanities.

NIT libraries offer access to a range of digital materials in addition to physical books and publications. These could consist of electronic books, journals, databases, research papers, and other online learning resources. NITs frequently pay for access to well-known academic databases and online libraries, giving students and faculty access to a wealth of knowledge.

NITs libraries also have specialized collection of books. Rare books, manuscripts, archives, maps, government publications, and special collections pertaining to local history or cultural heritage are some examples of these collections. Specialised

collections are frequently important sources for academics and researchers.

S. No.	Collections	NITT	NITKS	NITR	NITW	NITC
1.	Books	1,35,536	89,764	86,000+		
2.	Print Journals subscribed	85	69			13
3.	Back Volumes of Journals	17,690	16,357	18,000+		
4.	Reports	8,617				
5.	Competitive Examinations Guides and Manuals	800				
6.	Book Bank	16,750				
7.	CD-ROMs	1,601	2,453			
8.	Thesis, Projects	2,378	1,769	7,500+		
9.	Daily Newspapers	9				
10.	e-journals subscribe	8,210	11,094	8,000+	19	14
11.	e-books	1,995	24,189	12,000+	30	
12.	Standards		30,200			02
13.	Databases		26	35+		13
14.	Dailies & Magazines					32

### Borrowing Service

Library offering borrowing and lending services to the users. The users can borrow the books and other reading materials from the library.

### OPAC /Web-OPAC Service

NITs libraries offers OPAC service to their users by which users can search the library resources at any time and any where.

### Services

Services	NITT	NITKS	NITR	NITW	NITC	Total
Borrowing service	1	1	1	1		4
OPAC /Web-OPAC service	1	1	1	1	1	5
Photocopying/Xerox facility	1					1
Remote Access to E-Resources	1	1	1	1	1	5
Frequently Asked Questions	1					1
Current awareness service(BBS,)	1		1			2
Frequently Asked Questions (FAQ)	1					1
CD-ROM search service	1					1
Audio-Visual service	1					1
Membership for external agencies and individuals	1					1
Holding British Council Library Institutional membership	1					1
Search e-journals & books	1	1				2
Document Delivery Services	1	1		1		3
Library Catalogue		1	1			2
Plagiarism Check		1	1		1	3
Ask Librarian		1	1	1		3
Search Institutional Repository		1	1			2
Access to e-Library		1				1
Writing & Citation Tools (Grammarly, RM)		1	1			2
Online Feedback		1				1
Pay Library Fine Online		1				1
Group Study Rooms		1				1
Article request		1	1			2
User Education			1			1
Interlibrary loan		1	1			2
Research Support / Reference Service			1			1
Information KIOSK			1			1
Library Services Blog			1			1
Subject / Research Guide			1			1
e- Newspaper			1			1
Dissemination Management			1	1		2

### **Photocopying/Xerox Facility**

This facility is available in library though users can easily take xerox of important pages, diagrams, charts and so on.

### **Remote Access to E-Resources**

This service is provided for the ease of users. Users can easily access to library resources on their smartphones without coming to library.

### **Frequently Asked Questions**

If any user have a query regarding the library, frequently asked question portal gives them facility to ask anything. Here users are free to get in touch with library.

### **Current Awareness Service**

NITs libraries are providing this services to informed users about the latest developments and trends in their field of interest.

These services may include email alerts, newsletters, customized RSS feeds, or curated collections of relevant articles, reports, and research papers.

### **CD-ROM Search Service**

This service provide valuable resources and information through CD-ROM, with the help of this users can take the important resources with them in the form of CD-ROM.

### **Audio-Visual Service**

Many resources are available in audio/video which give information in multimedia format that enhances learning experiences of users.

### **Membership for External Agencies and Individuals**

Through this the individuals who are not the part of NIT directly can get the external membership and can use the library resources.

### **Holding British Council Library Institutional membership**

This is special kind of service provided by NITs library for their patrons.

### **Search e-Journals & Books**

Library provided access of the e-resources subscribed by the various consortia or particular library. These electronic resources are includes e-journals, e-books, e-databases etc. which can access by intranet or internet.

### **Document Delivery Services**

In some special cases library provide documents, books and any other material from other library to fulfil the need of users.

### **Library Catalogue**

Library catalogue are available on the web which give accessibility of all records of library to users.

### **Plagiarism Check**

This service is specially for researchers who wanted to check plagiarism in their thesis, research papers and dissertation.

### **Ask Librarian**

This enables library users to ask for assistance and advice from professional librarians in order to locate pertinent materials, navigate library catalogues and databases, and obtain aid with research techniques and tactics.

### **Search Institutional Repository**

Institutional repository are the important part of an organisation which saves intellectual input for the future use. Users can search institutional repository for the solutions of problems, decision making and to get scholarly knowledge.

### **Access to e-Library**

E-library is accessible 24/7 times which remove the physical barrier and saves a lot of time of users.

### **Writing & Citation Tools (Grammarly, RM)**

Writing tools are for researchers who want assistance in writing, grammar and spelling, also citation tools get them help to manage references and bibliographies.

### **Online Feedback**

Libraries welcomes the feedback form users to improve and enhance their services.

### **Pay Library Fine Online**

NITs Libraries are able to collect fine and penalties online from users. This saves the time of both the users and staff.

### **Group Study Rooms**

Study rooms are available in library which offers discussion, collaboration and community building.

### **Article Request**

Patrons can raise the request of any article which is not available in library.

### **User Education**

Library resources, collection and services are nothing if users do not know how to utilize them. So user education gives assistance to use the library effectively.

### **Interlibrary loan**

Interlibrary loan services are offered by the libraries of NITs to their users. The books are taken by loan from the other library for the internal users.

### **Research Support / Reference Service**

NITs provide their users with research and reference services. By offering grammarly, reference management tools, and other resources, it aids in the drafting of publications, assignments, and research.

### **Information KIOSK**

NITs libraries provide Information KIOSK for self service of users.

### **Library Services Blog**

NITs library maintain library services blog that focuses on sharing resources, news, and information about library services. It acts as a forum for sharing information with library patrons, including news and announcements.

### **Subject / Research Guide**

NITs libraries provide research guidance to give a familiar environment of research i.e., finding any topic, assistance in writing paper, how to start research and so on.

### **E- Newspaper**

E-newspaper of national and international level are available in library to get the current and updated information of the world.

### **Dissemination Management**

This give planning, coordinating, and carrying out of actions intended at successfully sharing and disseminating research findings, knowledge, or information to users.

## **V. CONCLUSION**

National Institutes of technology are one of the best institutes in the field of Science, Technology and Engineering. They have well furnished and equipped libraries for serving the users. Their libraries have a wide range of resources and services for assisting users to get the knowledge of science and engineering. Libraries provide good facilities for fulfilling the aims and objectives of National Institute of Technology.

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