

Use of Digital Library Resources Amidst Corona Pandemic: A Case Study of Damodaram Sanjivayya National Law University Library, India

Dr. R. Leela Mohana Kumari
Assistant Librarian,
Damodaram Sanjivayya National Law University.

Abstract

Covid-19 pandemic not only effected one nation, it is affecting to the entire world and to every sector of the society. The basic aim of Libraries is to improve, expand and the Professional Knowledge. Recent technological initiatives have caused significant impact upon the online education system during the past few months. There is a dramatic change in the library administration and services based on information communication technology in the present era. The pandemic situation is the big challenge not only in front of libraries but also to the library professionals and the users. The use of E-resources has become more popular in all the disciplines, now a days almost all the University libraries are subscribing E-resources for their user community. This paper mainly highlights the digital resources and downloading data of the resources with cloud computing RemoteXs facility offered by Damodaram Sanjivayya National Law University Library during covid-19 Pandemic and this study discuss the collections, services and facilities and precautions in this University library.

Keywords:

Covid-19, E-resources, Digital Library, Remote xs, Cloud computing,

Introduction:

We learned many lessons in the during Lock down period in society wise, individualize and organization wise and many more. In this era this situation was in Libraries throughout the world during the coronavirus pandemic. However, it is even more needed to ensure funding for the added expenses of providing more electronically accessible materials with most of the Universities. Moving online classes and submission of projects due to the coronavirus pandemic university libraries are adapting to an increased demand for online services and support. Electronic information sources are becoming more and more important and useful for the students, research scholars and faculty members in especially Law University Libraries. Law University Libraries are very specialized information resource centers.

Scope of the study:

The present study is limited to the amidst corona pandemic use of digital library resources with Cloud computing by academic community study of the Damodaram Sanjivayya National Law University Library.

Central Library of Damodaram Sanjivayya National Law University Library:

Damodaram Sanjivayya National Law University is a National Law University established and India constituted by the DSNLU Act, 2008. DSNLU Library developed by the wide variety of collection of books, Reference books, Bare acts, journals, Law Reports and Dissertations from the point of law students, research scholars and faculty members. There are more than 20,000 printed collections in the field of various law subjects based on the selection and recommendations by the students and faculty members. The central Library is fully air conditioned and automated with KOHA software integrated RFID technology. Web OPAC (online public access catalogue) facility is made available through KOHA library management software to know the bibliographical details and availability, along with the location of a resource. Facilities of Internet through LAN & Wi-Fi and E-resources with RemoteXs is also added to law library. RemoteXs (cloud computing system) is a single – window platform to access all the subscribed E-resources. It is a cloud-based solution that enables libraries to provide web-based access to digital resources such as E-databases, E-Journals and E-Books anywhere any time for their authorized users especially during their internships, Moot court competitions & assignments and legal research productivity. Turnitin (Anti Plagiarism Web Tool) also provided is a comprehensive plagiarism prevention system allows quick and effective checks to all research work. More over URKUND is also plagiarism Detection Software has been selected by the Centre of INFLIBNET (Inter University Centre of UGC) under the support of Ministry of HRD and is being rolled out to all the Universities / Institutions through a centrally funded scheme to improve quality and prevent plagiarism in research / academic publications. DSNLU Library has provided PRERANA for the SAP students with the necessary software and accessibility to the books, journals and online resources with LAN & Wi-Fi facility for their academic pursuits as follows “Jaws talking screen reader for the visually disabled students. Pearl Instant Reader” Portable Instant Hi-Speed Printed Text Converter/Reader cum Magnifier with Open Book for the Blind. A light-weight portable camera device that connects to a PC or Laptop uses Motion Sensor technology in combination with Open

Book software to make high speed scanning & instant reading of text in an Indian accent English voice or digitizing books fast and easy.

Review of Literature:

Jadhav, Hemanth Fransis (2020) in this research paper, researchers have studied in Digital Library services provided by Art's commerce and Science College Libraries of Mumbai city in Covid-19 pandemic. The study shows that Art's Commerce and Science College library has introduced ICT based information services, moreover he discussed research support services and organized online Library orientation programs, workshops and book exhibitions. The study also shows that library websites and institutional repositories.

Amit and Swetha (2020) observed challenges and Initiatives of Digital Libraries. In this research paper, researchers have evaluated the copyright is the most significant issue in the area of digital Libraries. Moreover, they are discussed several digital library initiatives in India: Digital Library of books, Digital Library of Manuscripts, Digital Library of journals- initiatives by scientific society and publishers, Digital Library of online courseware and National digital Library of electronic Thesis & dissertation. They studied also C-DAC projects.

Role of Law Librarians:

“The COVID-19 pandemic provided law librarians with the opportunity to demonstrate how essential their abilities and roles are within the legal ecosphere by stepping up and becoming true leaders within their organizations,” said AALL President Emily R. Florio.

“Law Librarians are technology leaders and innovators, finding the right products and solutions for onboarding new hires, training lawyers, teaching law students, and providing their users with essential legal research and a more seamless and successful process”.

Must follow safeguards for Covid restrictions in Libraries:

- Provision of Face masks and Gloves: Their removal and Disposal,
- Pedestal Sanitizers –At Library entrance,
- Users hands to be sanitized before entering the library,

- Cleaning of counters, Offices, Door knobs and Bathrooms,
- Students sitting arrangement at 3-4 feet distance,
- Returned books may be shelving,
- Library should be sanitizing every day.

Sanitization in DSNLU Library:



DSNLU Library following the process of sanitization in the library in every day.

Development of Library Staff:

- Free online Professional Development opportunities to develop skills in Covid-19.
- Collaboration with other Libraries (Networks)
- Skills for online material Access.
- Improving Communication skills.
- Educating the users.

Damodaram Sanjivayya National Law University Library subscribed following these E-Resources listed below:

Digital Resources:

SCC Online, Heinonline, WestLaw India & International, Lexis Advance India, Kluwer Arbitration Law, Kluwer Competition Law, Kluwer IP Law, Manupatra, Taxmann, JSTOR, J-Gate, Oxford Legal Research Library, Oxford Public International Law, OCC Digital Library Subscription, Ligit Quest.

E-Books:

Cambridge University Press E-Books, Bloomsbury Collections & Hart E-Books, EBC Reader.

E-Journals:

Kluwer Air & Space Law, Magzter Gold.

RemoteXs facility in DSNLU Library:

Analysis: Due to Covid Pandemic no one is attending the libraries physically. Everyone is depending on E-Resource / Open access content available in the world wide web. DSNLU Library has been providing the E-Resources content through the cloud based computing system i.e., RemoteXs for the benefit of user community. Every user of Dsnlu library, utilizing this remote access facility for their academic purpose, project / research paper submissions, moot court competitions and other competitive examinations.

Table:1 **Resource wise Usage Report since April' 2020 to October' 2021**

S. No	Resource	Users	Unique Sessions	Download Data (MBs)
1.	Jstor.org	737	16962	69592.72
2.	SCCOnline.com	735	15967	59342.7
3.	Heinonline.org	753	15698	56114.25
4.	Manupatrafast.in	732	15345	48475.12
5.	Westlawindia.com	728	9415	25538.7
6.	Ebcreader.com	572	5495	19603.68
7.	Lexis.com	642	8613	19167.1

8.	Cambridge.org	618	3889	11051.84
9.	Legiquest.com	658	7424	10721.32
10.	Taxmann.com	420	4240	9915.92
11.	Kluwararbitration.com	289	1235	9115.91
12.	Ouplaw.com	609	3863	6673.51
13.	Bloomsburycollections.com	510	2164	3508
14.	Kluwerlawonline.com	134	646	1436.23
15.	Kluweriplaw.com	186	437	1321.7
16.	Kluwercompetitionlaw.com	166	399	1001.14
	TOTAL:	8489	111792	352579.84

Fig:1

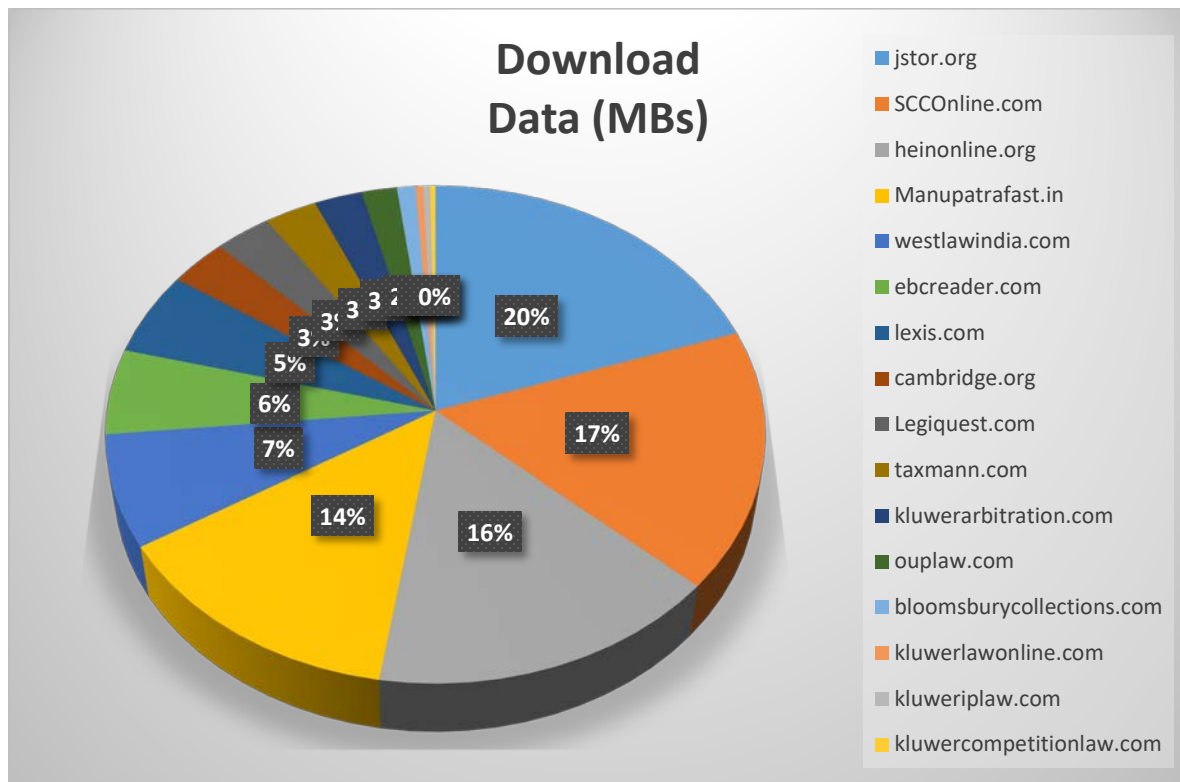


Table 1 shows During this Covid period (Apr'2020 –Oct' 2021) total 3,52,579.84 MB data has been downloaded by the users from different E-Resources subscribed by the DSNLU Library. 843 members have the membership to access the E-Resource content through RemoteXs platform. And the users are very much satisfied to utilize the E-Resources content provided by DSNLU Library. Most of the users were utilized the JSTOR database content, Total 69,592.72 MB data has been downloaded by the users.59,342.7MB data has been download from SCC online database.

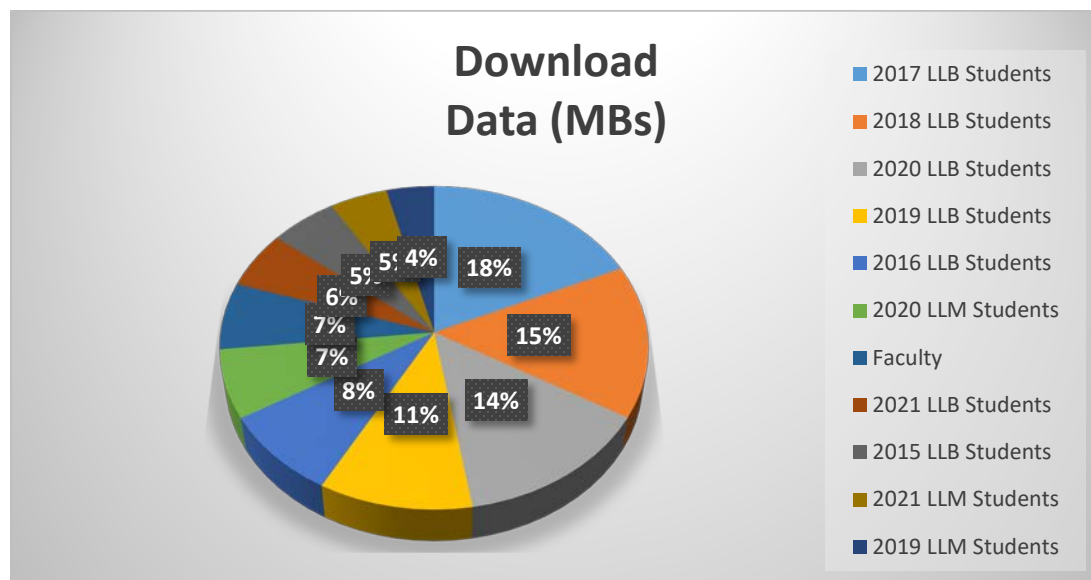
Followed by HeinOnline 56,114.25 MB data and Manupatra 48,475.12MB data download by the users. Except Kluwer Air & Space Law journal, Kluwer IP Law & Kluwer Competition Law Other E-resources were utilized properly for their research work as well as for their research work as well as for their academic purpose.

Table:2

S.No	User Category	Users	Logins	Download Data (MBs)
1.	2017 LLB Students	109	9791	64128.27
2.	2018 LLB Students	108	8450	53792.23
3.	2020 LLB Students	129	7361	49153.55
4.	2019 LLB Students	88	6155	37459.18
5.	2016 LLB Students	65	2735	29883.17
6.	2020 LLM Students	22	1961	24105.69
7.	Faculty	31	1196	23597.83
8.	2021 LLB Students	131	1627	20163.86
9.	2015 LLB Students	78	1218	19592.94
10.	2021 LLM Students	70	400	16798.43
11.	2019 LLM Students	12	463	13904.69
	TOTAL:	843	41357	352579.84

Table 2 shows All batch students were utilized the Library E-Resources excellently during this covid pandemic period. 2017 LLB students were utilized the E-Resources mostly and 64,128.27 data has been downloaded by this batch students.

Fig:2 User Categorywise Usage Report since April' 2020 – October' 2021



In addition to that 2019 LLM batch students were utilized the E-Resources through remotexs platform was very less. Total 23,597.83 MB data has been download by the faculty members for their class work and to prepare the course work and for study material.

Conclusion:

The value of digital Libraries needs to be judged by their user’s satisfaction. Covid-19 has fully changed in the mode of Library services. The Covid pandemic has forced the academic institutions to physically shutdown and move to online operations. In this connection this study explores that during the covid period a majority of the Students, Research scholars and Faculty members of the DSNLU used E-Resources for their research work, class works and learning purposes. RemoteXs facility is an effective source of service in any Library to access digital resources for users. In these regards users should aware of these facilities, because DSNLU library should organize more & more orientation programs for the user community for developing research tools.

Ref:

1. <https://www.ipinnovative.com/journals/IJLSIT/article-details/8943/volume/270/issue/701>
Bhat I H, Remote access (Off-Campus access) to e-resources via EZproxy and RemoteXs facilities: A case study of Allama Iqbal Library system, University of Kashmir. IP Indian J Libr Sci Inf Technol 2019;4(1):25-30
2. <http://sciencejournals.stmjournals.in/index.php/JoALS/article/view/1010>
Nitasha Gandotra, Nidhi Tyagi, Swati Tiwari. Application of Cloud Computing Technology in Libraries. Journal of Advancements in Library Sciences. 2019; 6(2): 16–23p.
3. <https://www.ipinnovative.com/journals/IJLSIT/article-details/11776/volume/323/issue/905> 3.30pm on 14-12-2020
Mestri D D, Reopening libraries in COVID 19 pandemic: challenges and recommendations. IP Indian J Libr Sci Inf Technol 2020;5(1):16-23.
4. <https://programminglibrarian.org/articles/taking-academic-library-programs-online-covid-19-beyond>.
5. <https://www.youtube.com/watch?v=2QAfib4NgPE> visited on 13-10-2021 at 1.20pm
6. <https://www.purchase.edu/live/news/4486-covid-19-library-safety-precautions> visited on 23-01-2021 4.30 pm.
7. Jadhav, Hemant Fransis (2020) Digital Library Services provided by Art's, Commerce and Science college Libraries of Mumbai city in Covid-19 Pandemic, in Emerging Technological Innovations in Libraries, 204-217.
8. Amit and Sweta (2020) challenges and initiatives of digital Libraries: An empirical study in emerging Technological Innovations in Libraries, 140-145.
9. <https://guides.masslibsystem.org/COVID19>
10. <https://www.youtube.com/watch?v=jE-2JzwYwZU> visited on 28-01-2021 at 2.00pm

11. <https://www.youtube.com/watch?v=KSJvJOrcsOQ> visited on 28-01-2021 at 2.00pm
12. https://www.aallnet.org/wp-content/uploads/2021/06/PR_AALL-Releases-State-of-the-Profession-2021_FINAL.pdf visited on 10-07-2021 at 12.30pm
13. <https://www.youtube.com/watch?v=NNjTisqWdWo> visited on 18-11-2021 at 1.00pm