

Digital Repository in Manipal University Jaipur: A Case Study

K. S. Shivraj

Chief Librarian, Manipal University Jaipur, Rajasthan, India
E-Mail: karamadai.shivraj@jaipur.manipal.edu

(Received 7 October 2019; Revised 3 November 2019; Accepted 18 November 2019; Available online 21 November 2019)

Abstract - The paper discusses the importance of Digital Repository of a University Library and provides an overview of the Digital Repository of Manipal University Jaipur. The case study of the Digital Repository of the Learning Resource Centre of Manipal University Jaipur is to illustrate the best practices indicated in the NAAC recommendation and it would be helpful to the University libraries to adopt best practices to improve Quality Services to the user community. It concludes that the establishing of Digital Repository in a University is mandatory to provide right information to the right reader in digitized form to enable the readers to excel in their academic, research and development.

Keywords: University Library, Digital Repository, Manipal University Jaipur

I. INTRODUCTION

The information communication technologies (ICTs) are playing a vital role on function of the libraries of Higher educational institutions. An Institutional Repository is an online locus for collecting, preserving, and disseminating, in digital form, the intellectual output of an institution, particularly a research institution. The digital repository of an university will have materials like as journal articles, peer reviews, and theses and dissertations, but it might also include other digital assets generated by normal academic life, such as conference proceedings, project reports, course syllabus, and lecture notes etc. The University Libraries play a vital role in enhancing the quality of academic and research among in universities. The National Assessment and Accreditation Council (NAAC) provided various indicators on Library and Information services to enhance the quality of academic and research in Universities.

II. BEST PRACTICES AS INDICATED BY NAAC

The NAAC has developed a format on best practices to be implemented in the University libraries in the following broad areas

1. Management of Library and Information Services.
 - a. Number of days the Library is kept open
 - b. Working hours
 - c. Library Advisory Committee
 - d. Manpower development
 - e. Infrastructure of the Library
 - f. ICT Infrastructure and Know-how
 - g. Overall policy of the institution on library
 - h. Budget
2. Collection and Services Provided to Users.

- a. Collection
- b. Services
3. Extent of the use of services.
4. Best practices for university/autonomous college libraries

III. LEARNING RESOURCE CENTRE, MANIPAL UNIVERSITY JAIPUR

Manipal University Jaipur's Central Library is the hub for academic information services in the University and serves as a major Learning and Resource Centre. The Central Library has a spacious area of 2319 Sq.m. that exudes peaceful learning environment. The Library is fully air-conditioned with the seating capacity of 650. The Central Library has various sections like Circulation Desk, Technical Section, Reference Section, Book stack area-Engineering, books stack area-Non engineering, Periodical section, and has five discussion rooms. Further, the Library has Digital library, Back volumes section, Project reports section, Thesis section, Research Wing, Competitive Exam section, and an Open Reading Hall.

IV. DIGITAL REPOSITORY OF MANIPAL UNIVERSITY JAIPUR

The Digital Library has 15 computers and subscribed 20 E-Resources include 17900 e-journals, manuals, reports, standards, and other information from ASCE, ASME, EBSCO Art & Architecture Complete, EBSCO Business Elite, EBSCO Hospitality & Tourism Complete, Emerald Premier e-journals, Taylor and Francis, DELNET-Proquest, DELNET-INFOTRAC, IEEE, SIAM Journals, LexisNexis, Manupatra, Supreme Court Cases, AIR online, EPW India Times, McGrawHill Science & Engineering Access, Science Direct, and World E-Books. The Digital library holds nearly 2500 CDs and DVDs.

The library has setup an archive using Dspace open source software which provides all faculty publications, Institution publications, conference proceedings, lecture notes, video lectures, course syllabus, previous year question papers, project reports, thesis and rare books collections and annual reports. The Dspace software has been customized to get the statistical reports like department-wise, subject-wise, author-wise, title-wise, year-wise to submit data to various regulatory bodies like AICTE, NAAC, NBA, BCI and CoA, etc.

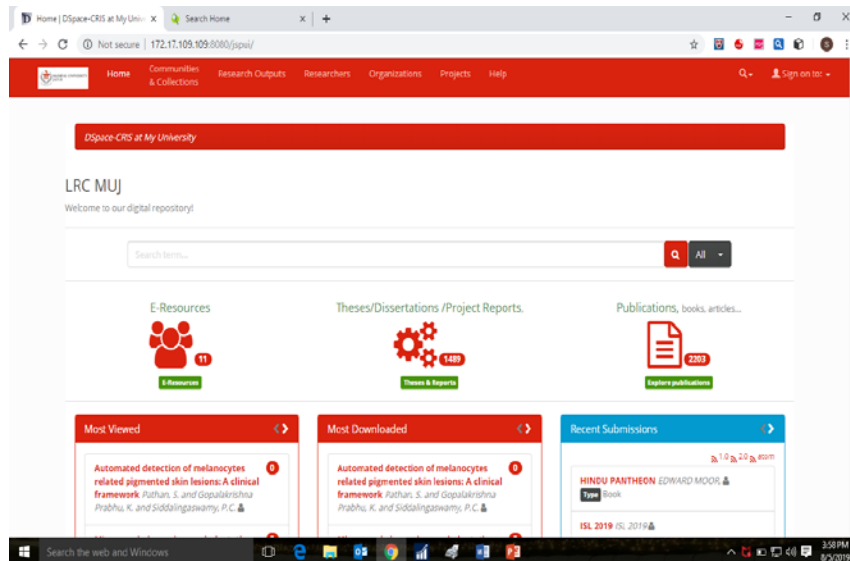


Fig. 1 Home page of Institutional Repository of MUJ

A. Rare Books

The Central Library holds about 1500 books in its rare book collection from the year 1800, available in the form of e-book collections and in the Institutional Repository. They

include the documents on Indian Constitution, Britain & Russian constitutions, Ancient Indian culture, various regimes, Dynasties, cultures, Religions and subjects like Astronomy, Economy, Literature, Science and Technology etc.

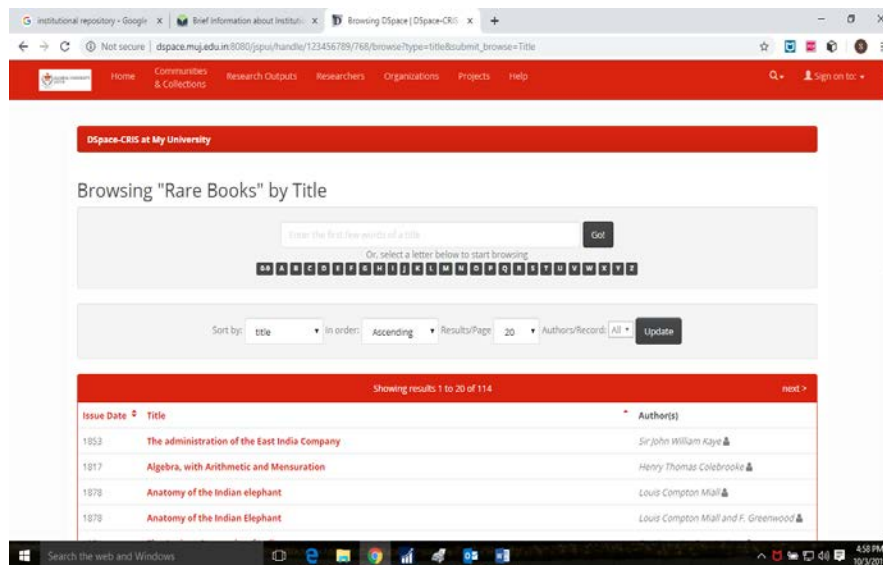


Fig. 2 Rare Book Collection of MUJ

B. Faculty Publications

The Scholarly Communication of all Faculty of Manipal University Jaipur have been digitized and made available in

the Digital Repository. The users can access these publications Author-wise, Title-wise, Subject-wise, and Year-wise etc.

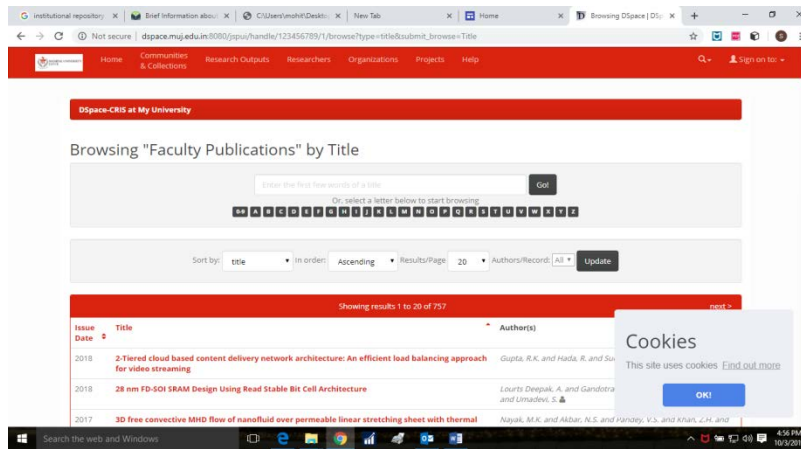


Fig.3 Faculty publication of MUJ

C. Students Project Reports

The students project reports of all previous year students are digitized with full text and made available in the Digital

Repository to enable the users to take reference of these projects to select their project topics for further research.

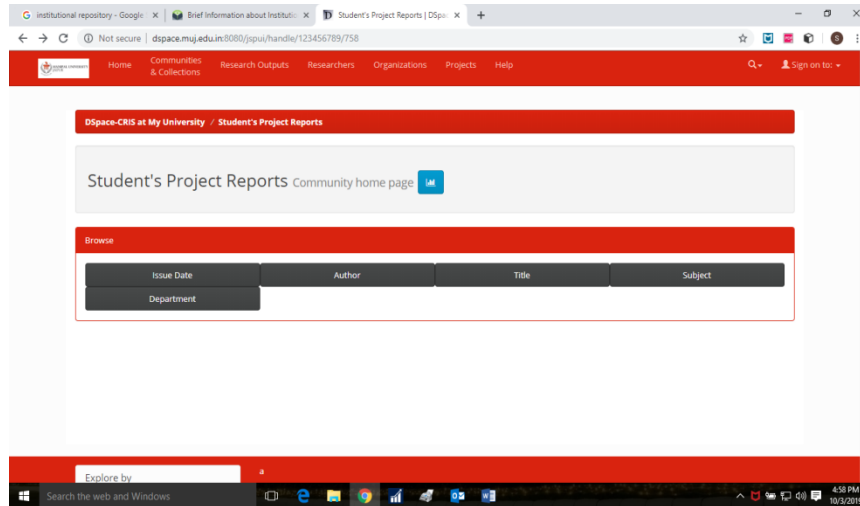


Fig.4 Students Project Reports of MUJ

D. Theses and Dissertations

There are about 75 Ph.D theses are received by the Learning Resource Centre and these theses are made available in e-

shodhganga and as well as in the Digital Repository of MUJ. The users of MUJ are given remote and mobile access to access these resources.

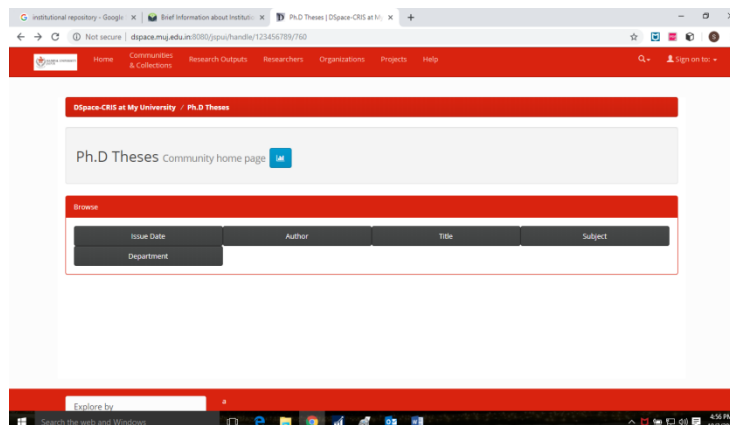


Fig. 5 Theses and Dissertations of MUJ

E. Conference Proceedings

The conference proceedings of the University have been digitized and these resources are made available in the

Digital repository. These conference proceedings can be accessed by author-wise, title-wise, subject-wise, and department-wise, etc.

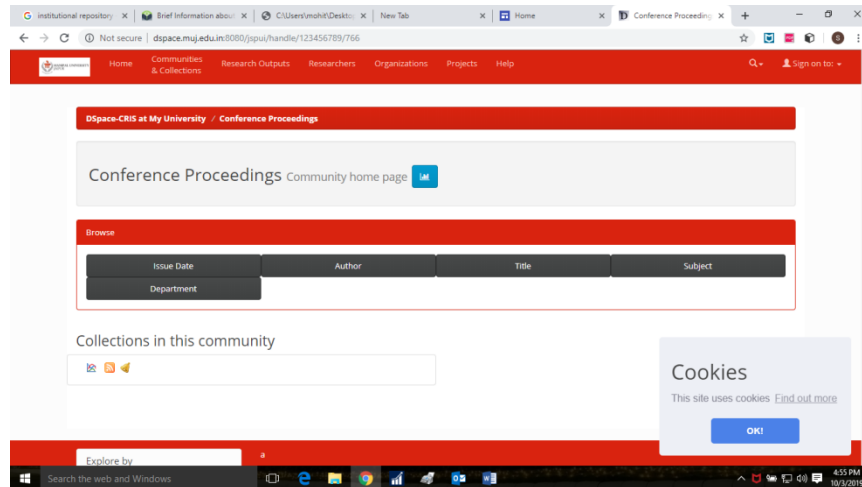


Fig. 6 Conference Proceedings of MUJ

F. Course Syllabus and Previous Year Question Papers

The previous year question papers and the course syllabus are being received from the academic department and being

uploaded in the Digital repository to enable the students to get ready reference for their academic and to prepare for their examinations.

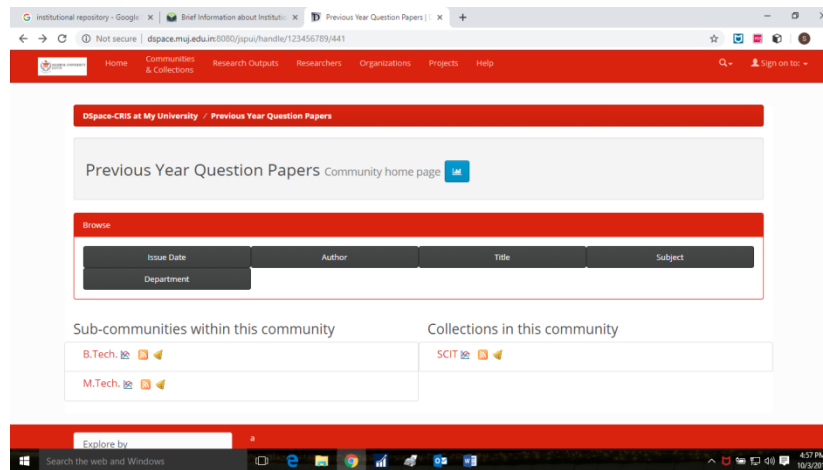


Fig. 7 Course Syllabus and Previous year question papers of MUJ

G. Newspaper Clipping

The MUJ digital repository gets soft copy of the newspaper clippings every day and the same have been made available online. The users can access this information by date-wise, function-wise, chief guest-wise, and department-wise etc.

H. Remote Access and Mobile App Technology Facility

The library provides remote access facility to all subscribed contents thorough federated search engine. The user can access e-resources using their unique user name and password. Further these e-resources can also be accessed using mobile phone by installing mlibrary app from the google play store.

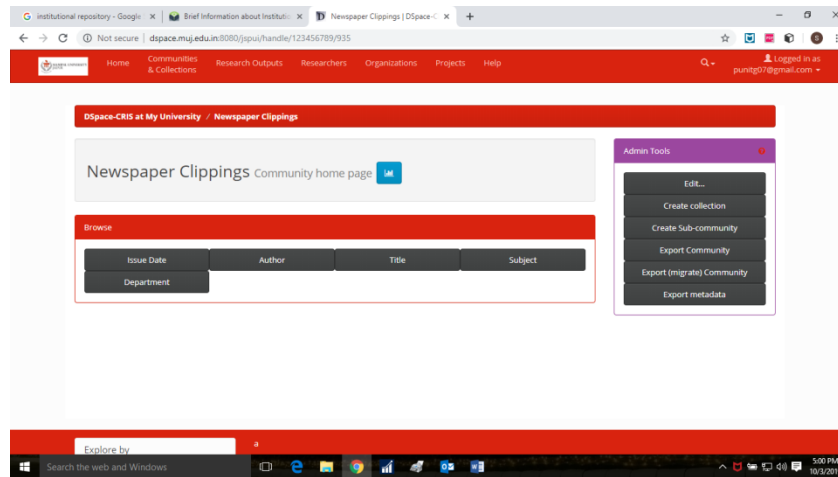


Fig. 8 Newspaper Clippings of MUJ

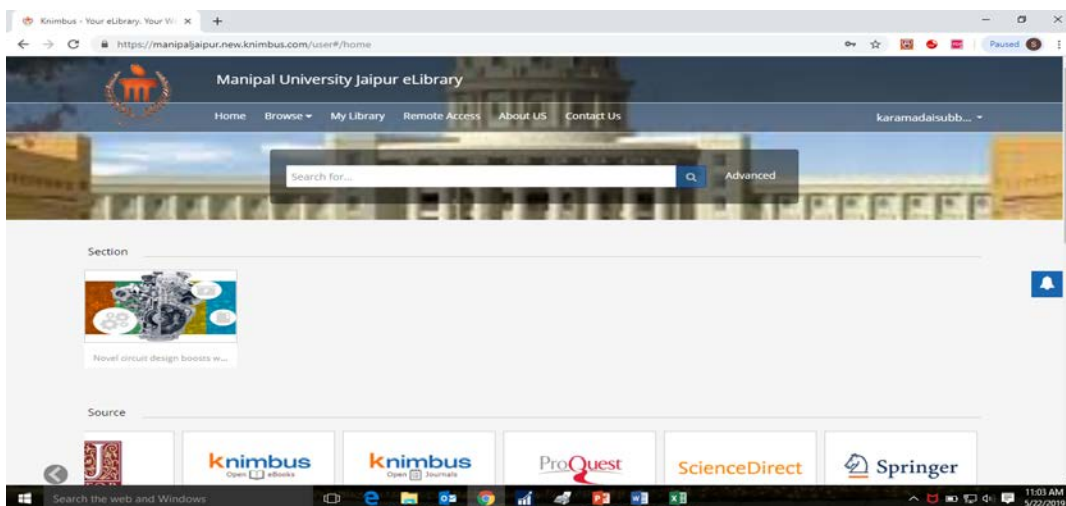


Fig. 9 Knimbus Federated Search

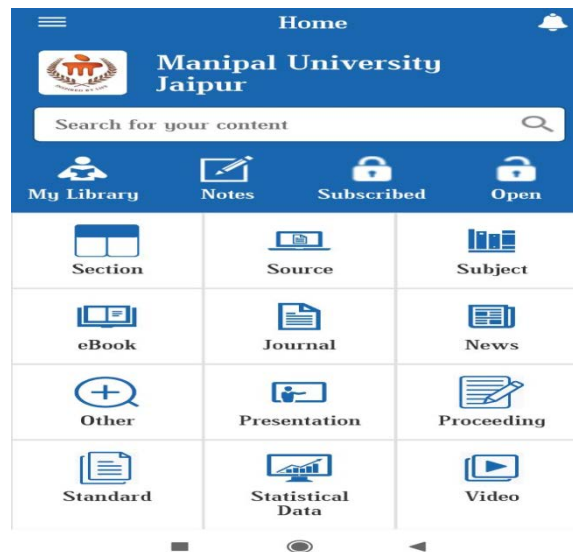


Fig. 10 MUJ Mlibrary App

V. CONCLUSION

The Digital Repository of University Libraries play vital role in organizing the knowledge and facilitating dissemination of Institutional documents to the right users at the right time. Today's advancement in ICT, it is necessary to implement advance computer technology to identify and offer best practices in LIS for effective, optimize utilization of resources, and to disseminate high quality services to the user community. The case study of the Digital Repository of the Learning Resource Centre of Manipal University Jaipur is to illustrate the many features which have been

implemented in the University Library as indicated in the NAAC recommendation and it would be helpful to the University libraries to adopt best practices to improve Quality Services to satisfy the needs of the students, faculty members and the research scholars.

REFERENCES

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