

Analytical study of INFLIBNET's Institutional Repository (IR@INFLIBNET)

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Abstract: For this study researcher selected the INFLIBNET's Institutional Repository. Researcher found that all available collections are freely available to the researcher. Total collection of records is 1328 in IR@INFLIBNET. Maximum collections are from proceedings collection (1245). Researcher found in the study there are 1598 contributors are contributed in the collection. Maximum contributions are from INFLIBNET Centre as institutional authority and individual contribution from Dr. T. A. V. Murthy. There are 2714 subjects covered in this IR collection. Current trend is displayed in the subject wise collection analysis. In this IR collections are available from 1995-2014 during the period of publication. Maximum papers on digital library study. 133 no. of papers are available in the digital library subject. Maximum records are increased from 2001. This growth of collection is related to starting of Planner and Caliber.

Keywords: INFLIBNET, Institutional Repository, Planner, Caliber, Proceeding.

Introduction:

Institutional repositories are digitally stored collection of any type of universities, colleges, institutions, etc. This repository is a mirror of intellectual productivity of concern institutes. So, in this age of information and communication technology each and every institute can explore knowledge to the world level. Institutional repository is very important for Librarians. Librarian's role is a like virtual bridge between the authors and users of that

knowledge or invention. So, researcher studied the open access INFLIBNET's Institutional Repository in this paper and analyses the types of data available through this archives.

About INFLIBNET's Institutional Repository:

Information and Library Network (INFLIBNET) Centre is an autonomous Inter-University Centre of the University Grants Commission (UGC) of India. It is a major National Programme initiated by the UGC in March 1991 with its Head Quarters at Gujarat University Campus, Ahmedabad. Initially started as a project under the IUCAA, it became an independent Inter-University Centre in June 1996 (INFLIBNET, 2014).

INFLIBNET has several major activities for the research and development of universities and college communities in India. There are many activities such as e-Consortium, IndCat, Research Projects, SOUL software, Projects and consultancy and open access initiatives. In this Open access Initiative INFORT, Shodhganga, Shodhgangotri, OJAS and INFLIBNET's Institutional Repository (IR@INFLIBNET). IR@INFLIBNET is very important activity for researcher.

DSpace open access software is used for this repository creation and retrieval system. IR@INFLIBNET in this repository there are three main community collections that are freely available to users. Firstly, INFLIBNET in Press and Media (News Clipping about INFLIBNET), in this community news published on the INFLIBNET activity, those records are collected from the news media. Second main community collection is INFLIBNET's Convention Proceedings. Under this community all records are preserved from Caliber, Planner and Seminar proceeding with the collaboration of organizing institutes from India. Last main community is INFLIBNET's Publications. Collections are available in this community own publication data of INFLIBNET. These are INFLIBNET Annual Reports, INFLIBNET News Letter, IRTPLA Course Material, Workshop and Publications by INFLIBNET Staff (IR@INFLIBNET, 2014).

Review of Literature:

Institutional repository is to promote open access to research work created by institutional faculty members, staffs and students. According to Clifford Lynch IR means, "a university based institutional repository is a set of services that a university offers the members of its community

for the management and dissemination of digital material created by the institution and its community members (Lynch, 2003). Ghosh and Das gives open access and institutional repositories current status in India (Ghosh & Das, 2006). Yatri Patel, J. Vijay Kumar and T. A. V. Murthy are gives in details of INFLIBNET's Open access initiatives in his research paper (Patel, Vijaykumar, & Murthy, 2005). Kanchan Kamila gives in details of benefits of IR for intuitions, for the users, for the contributors in her paper (Kamila, 2009). T. Hasim and T. R. Jan Evaluate the Institutional Repositories in his research article (Hasim & Jan, 2011). How to create IR proposal is given by J. Zang and others in his article (Zhang, Aractingi, Beach, DeBruin, Kaplan, & Walker, 2011). S. S. Waghmode explained the role of INFLIBNET in higher education development and knowledge sharing (Waghmode, 2014). Jagdish Arora discusses the details of INFLIBNET activities and projects (Arora, 2014).

Objectives of the study:

- To know the community wise collection.
- To know the year wise growth of collection
- To know the top ten contributors.
- To know the top ten subject wise collection

Methodology and Scope of this study:

Researcher selected the only INFLIBNET's Institutional Repository for this analytical study. For this study researcher collect the all related data from INFLIBNET's Institutional Repository website. The research is limited to single institutional repository.

Discussion of Result:

a) Community wise collection: Table No. 1 explains community wise collection of this repository. There are main three community collections in the repository. Total collection in this repository is 1328. Out of this total collection maximum collection is 1245 under the INFLIBNET Convention Proceedings. In this communities Caliber proceedings, Planner proceeding and seminar proceedings are included. Other collection is very less other than proceedings.

Table 1 Community wise collection

Sr. No.	Main Community	Sub Community	No. of Collection	Total Collection
1	INFLIBNET in Press and Media	News Clipping about INFLIBNET	18	18
2	INFLIBNET's Convention Proceedings	Caliber	872	1245
		Planner	360	
		Seminar	13	
3	INFLIBNET's Publications	INFLIBNET Annual Reports	8	65
		INFLIBNET News Letter	42	
		IRTPLA Course Material	9	
		Workshop	5	
		Publications by INFLIBNET Staff	1	
Total Collection				1328

b) Top five contributors: Table No. 2 shows that top five contributors in this collection. In this study total 1598 contributors are contribute. INFLIBNET Centre's own 39 publications are in top of the collection. Former INFLIBNET Director Dr. T.A.V. Murthy contributes 24 papers. He is on second position. On third position is Yatrik Patel.

Table 2 Top five contributors

Sr. No.	Name of Author	No. of Contribution
1	INFLIBNET Center (Institutional Author)	50
2	Murthy, T A V	24
3	Patel, Yatrik	13
4	Sinha, Manoj Kumar	13
5	Singh, Sanjay Kumar	11

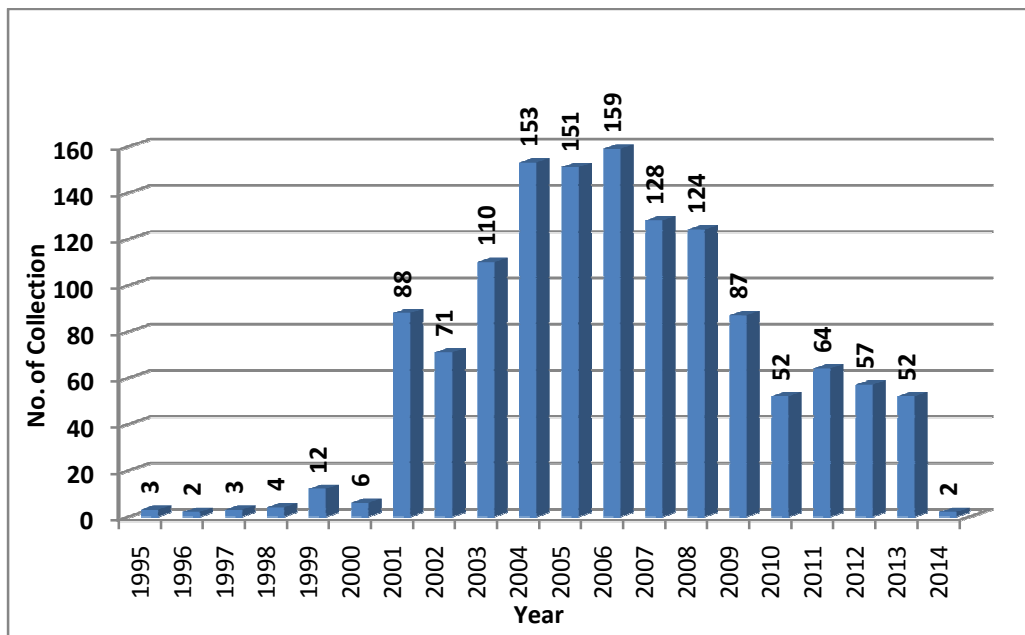
c) Top five Subjects: Current trends of research are clearly displayed in the Table No. 3. In this subject wise collection 2714 subjects are covered. In this study found maximum papers on digital library (133), 63 papers related to internet, 48 papers on INFLIBNET.

Table 3 Top five Subjects

Sr. No.	Subject	No. of collection
1	Digital Library	133
2	Internet	63
3	INFLIBNET	48
4	Digitization	46
5	Web 2.0	40

d) Year wise total collection: In Figure No. 1 observed that maximum collection from year 2006(159). In the year 2004 (153), in the year 2006(151) collections are available. Only 2 record available from year 1996 and 2014. This is a minimum collection of the repository.

Figure 1 Year wise total collection



Conclusion:

In this study researcher found many positive aspects of INFLIBNET's Institutional Repository. Because many constructive things activities, projects, and what not are available in the Repository. Also those, these resources are freely available to the academic world. Planner, Caliber, seminars, workshops, proceedings, day to day activities, new updates, new research and development activities available through this repository platform. It is good pathway for every institution to create institutional repository to explore their own knowledge to others.

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References:

1. Arora, J. (2014). *INFLIBNET @ A Glance*. Retrieved August 20, 2014, from INFLIBNET: <http://www.inflibnet.ac.in/downloads/brochure/inflibnet@glance.pdf>
2. Ghosh, S. B., & Das, A. K. (2006). Open access and institutional repositories – a developing country perspective: a case study of India. *IFLA 72nd General Conference and Council* (pp. 1-21). Seoul: IFLA.
3. Hasim, T., & Jan, T. R. (2011). Institutional Repositories: An Evaluative Study. *Trends in Information Management*, 7 (2), 229-236.
4. INFLIBNET. (2014). *About us*. Retrieved January 27, 2014, from INFLIBNET: www.inflibnet.ac.in
5. IR@INFLIBNET. (2014). *Communities and Collection*. Retrieved August 15, 2014, from INFLIBNET's Institutional Repository: <http://ir.inflibnet.ac.in/>
6. Kamila, K. (2009). Institutional Repository project in India. *7th International Caliber* (pp. 128-132). Pondicherry: Pondicherry University.
7. Lynch, C. (2003). Institutional Repositories: Essential Infrastructure for Scholarship in Digital Age. *ARL: Bimonthly Report on Research Library Issues and Actions from ARL, CNI and SPARC* (226).
8. Patel, Y., Vijaykumar, J., & Murthy, T. V. (2005). Institutional Digital Repositories/e-Archives: INFLIBNET initiatives in India. *7th MANLIBNET Annual National Conference on Digital Libraries in Knowledge Management* (pp. 312-318). Kochi: Ess Ess Publication.

9. Waghmode, S. S. (2014). Role of INFLIBNET in Growth and Development of Higher Education in India. *University News Weekly* , 52 (6), 10-12.
10. Zhang, J., Aractingi, E., Beach, G. R., DeBruin, N., Kaplan, P., & Walker, T. (2011). *Marshall University Institutional Repository: Faculty Project*. Marshall University.