

IR@INFLIBNET: An Analytical Study

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Abstract: Institutional repository at INFLIBNET (IR@INFLIBNET) is an open access initiative taken by INFLIBNET (Information and Library Network) centre where staff members can deposit their own research articles. Here we can find articles published in all conventional proceedings of INFLIBNET centre, various training material, press clippings, news letters etc.

For this study author selected the INFLIBNET's Institutional Repository. The data consists of year wise total collections, community wise collections, major contributors and subject wise major collection. Statistical tools like tabular presentation are used to represent the study effectively. This paper will highlight the initiative taken up by the INFLIBNET (Information and Library Network) centre in building up the Institutional Repository by using the open source software Dspace.

Keywords: INFLIBNET, Institutional Repository.

1.0 INFLIBNET's Institutional Repository (IR @ INFLIBNET):

Information and Library Network (INFLIBNET) Centre is an autonomous Inter-University Centre (IUC) of the University Grants Commission (UGC) of India started in 1991 with its Headquarters located at Gujarat University Campus, Ahmedabad. Initially started as a project under the IUCAA, it became an independent Inter-University Centre in June 1996.

INFLIBNET has several major activities such as e-Consortium, IndCat, Research Projects, SOUL library automation software for the research and development of universities and college communities in India. INFLIBNET center also taken open access initiative such as Shodhganga, Shodhgangotri, Open Journal Access System (OJAS) and INFLIBNET's Institutional Repository (IR@INFLIBNET). An institutional repository is a digital archive of the intellectual output of an academic institution.

The IR @ INFLIBNET has been set-up to archive research publications of technical staff as well as other publications of the centre using Dspace, open source digital library software. The IR @ INFLIBNET provides a platform for researcher to deposit their research articles and explore their knowledge to other academic institutions. The papers publish in CALIBER and PLANNER proceedings have been digitized using Dspace and archived in to the INFLIBNET's Institutional Repository. The institutional repository also includes course materials, newspaper clippings etc.

2.0 Aims and objectives of the study:

The aims and objectives of the study are to determine the following:

- ❖ Community wise collection in the INFLIBNET's Institutional Repository
- ❖ Year wise growth of collection
- ❖ Major contributors
- ❖ Major subject wise collection

3.0 Methodology and Scope of this study:

The research is limited to single institutional repository. Author selected only INFLIBNET's Institutional Repository for this analytical study from the year 1995-2015. The data for the study was downloaded from the INFLIBNET's Institutional Repository archives.

4.0 Data analysis:

4.1 Community wise collection:

There are three main community collections in the repository. Based on types of collections these are further divided into sub-communities.

1. INFLIBNET in Press and Media: Coverage of INFLIBNET activities appeared in different media is being collected and archived here using Dspace software.
2. INFLIBNET's Convention Proceedings: INFLIBNET Centre has been organizing two conventions called CALIBER and PLANNER every year in different parts of the country in collaboration with universities. The convention proceedings published in print form is digitized and archived under this community and each collection separately named as different conventions.
3. INFLIBNET's Publication: INFLIBNET's own publication like newsletter, various course materials etc. lecture notes, presentations etc made by INFLIBNET staff will also be available here.

Sl.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	628	1,049
		Textual and Multimedia Content	13	
		Planner	408	
3	INFLIBNET's Publications	INFLIBNET Annual Repots	13	123
		INFLIBNET Newsletter	65	
		INFLIBNET Newsletter's Articles	27	
		IRTPLA Course Material	9	
		National Workshop Course Material	5	
		Publications by INFLIBNET Staff	4	

Table No: 1 Community wise collection

Table No. 1 explains community wise collection in this repository. Total collection in this repository is 1,190. Out of this total collection maximum collection is 1,049 under the

INFLIBNET Convention Proceedings. In this communities Caliber proceedings, Planner proceeding and seminar proceedings are included. Other collection is very less than proceedings. INFLIBNET in Press and Media i.e. News Clipping about INFLIBNET is 18 and INFLIBNET's own publications i.e. Annual Reports, Newsletter, Course material etc. is 123 only.

4.2 Subject wise collection:

Sl. No	Subject	No of Collection
1	Digital Library	141
2	Internet	70
3	Inflibnet	56
4	Digitization	48
5	Library Automation	45
6	ICT	42
7	Web 2.0	42
8	Information Technology	41
9	Knowledge Management	40
10	Information	37

Table No: 2 Subject wise total collection

Current trends of research are clearly displayed in the Table No.2. In the subject wise collection total 3,162 subjects are covered. It has been found that out of 3,162 subjects' maximum papers on digital library (141), 70 papers related to internet and 56 papers on INFLIBNET.

4.3 Year wise total collection:

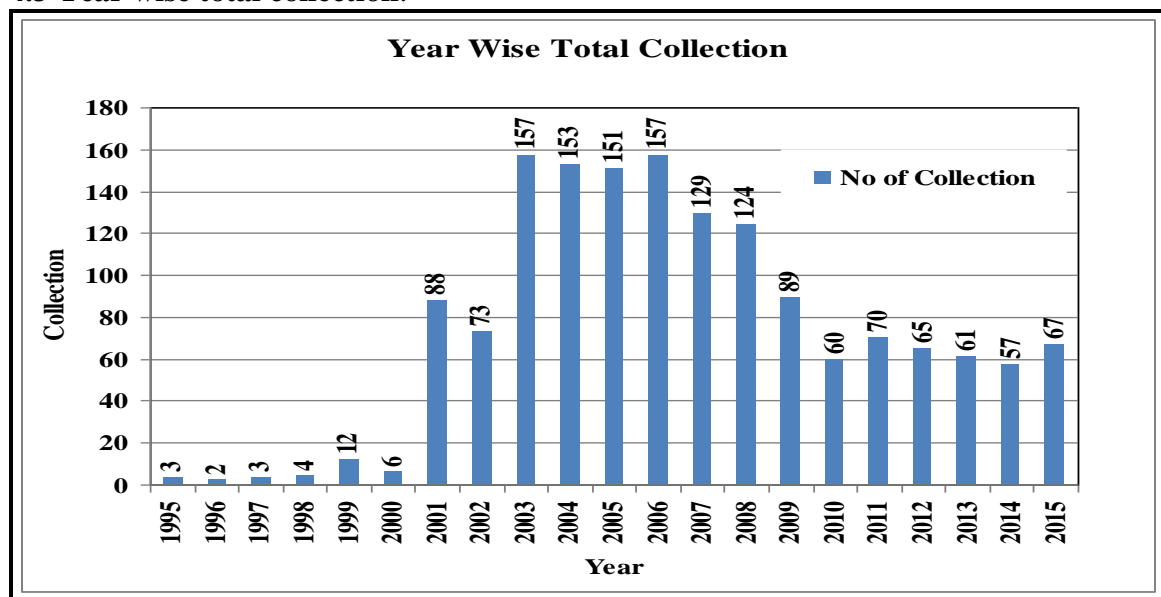


Figure No: 1 Year wise total collection

In Figure No. 1 author observed that out of total 1,531 collections, maximum collections (157) are available in year 2006. 153 collections are available in the year 2004 and 151 collections are available in the year 2005. Only 2 collections are available in the year

1996 and 3 collections are available in both the years 1995 and 1997. This is the lowest collection of the repository.

4.4 Major contributors:

Top Ten Contributor							
Sl. No	Rank	Contributor	Total Contribution	Sl. No	Rank	Contributor	Total Contribution
1	1	INFLIBNET Center	39	18	9	Devi, Th. Madhuri	7
2	2	Murthy, T. A. V	25	19	9	Karisiddappa, C. R.	7
3	3	Arora, Jagdish	18	20	9	Kumar, S	7
4	3	Patel, Yatrik	18	21	9	Ramesh Babu, B	7
5	4	Sinha, Manoj Kumar	14	22	9	Saha, Nimai Chand	7
6	5	Singh, Sanjay Kumar	11	23	10	Angadi, Mallikarjun	6
7	6	Shivalingaiah, D	10	24	10	Bhatnagar, Anjana	6
8	7	Bhandi, M. K.	9	25	10	Chauhan, Suresh K	6
9	7	Chand, Prem	9	26	10	Cholin, V S	6
10	7	Dhiman, Anil Kumar	9	27	10	Chudamani, K. S	6
11	7	Jange, Suresh	9	28	10	Deka, Dipen	6
12	7	Kumar, Abhishek	9	29	10	Deka, Prasanta Kumar	6
13	7	Naik, Umasha	9	30	10	Gonsai, Atul M	6
14	7	Prakash, K	9	31	10	Konnur, P V	6
15	8	Chandrakar, Rajesh	8	32	10	Maheta, Mahendra	6
16	8	Jeevan, V. K. J.	8	33	10	Singh, Ch Ibohal	6
17	8	K, Manoj Kumar	8				

Table No: 3 Major contributors

Table No. 3 reflects the authors who have contributed the maximum number of papers to the repository. In this study total 1,780 contributors are contribute their papers in the repository. INFLIBNET Center's own publications (39) are in top of the collection. Dr. T.A.V. Murthy has contributed maximum papers (25), followed by Jagdish Arora and Yatrik Parel who contributed 18 papers. Apart from this 7 authors have contributed 9 papers, 3 authors have contributed 8 papers, 5 authors have contributed 7 papers and 11 authors 6 papers.

5.0 Conclusion:

From the above analysis it has been found that from 1995-2015 total 1,531 records of collection are available in the INFLIBNET's Institutional Repository. Maximum collections (1,049) are from proceedings collection. Total 1,780 contributors are contributed their paper in the repository. Maximum contributions are from INFLIBNET Centre (39) as institutional authority and individual contribution from Dr. T. A. V. Murthy (25). There are 3,162 subjects covered in this IR collection. Current trend is displayed in the subject wise collection analysis. Maximum papers (141) are available in the digital library subject. Maximum records are increased from 2001. The growth of collection is started from INFLIBNET's Convention Proceedings i.e. Planner and Caliber. From the above discussion it is quite clear that institutional repository is good pathway for every institution to explore their own knowledge to others.

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