

Assessment of the Development of Libraries of Technical Universities of Haryana during last five Years

S.S. Joshi

Abstract

The paper is concerned with the assessment of the development of libraries of technical universities of Haryana during last five years. Presently there are three technical universities in Haryana i.e., Guru Jambheshwar University of Science and Technology, Hisar, YMCA University of Science and Technology, Faridabad and DCRUS&T, Murthal. The assessment of the expansion was done on the basis of collection development, growth of members, subscription of journals, online resources, staff position and availability of software and hardware in the concerned university during last five years.

Keywords: Science and Technology; Periodical; Database.

Introduction

Haryana is very rich state in India in terms of agriculture, education, culture, science and technology etc. Universities play an important role in the development of research in science and technology. To promote research following three science and technology universities have been established in the state.

1. Guru Jambheshwar University of Science and Technology, Hisar.
2. YMCA University of Science and Technology, Faridabad.
3. DCRUS&T, Murthal.

Out of the above universities, Guru Jambheshwar University of Science and Technology, Hisar came into existence in the year 1995. The university is named after Guru Jambheshwar Maharaj, a saint of 15th century. All the courses in the university are concerned with science and technology. This is why it is known as the science and technology university. The university library of Guru Jambheshwar University of Science and Technology, Hisar is well equipped with printed and electronic resources. It came into existence in the year 1996. This was the

Author's Affiliation: Deputy Librarian, Guru Jambheshwar University of Science & Technology, Hisar -125001.

Reprint's Request: S.S. Joshi, Deputy Librarian, Guru Jambheshwar University of Science & Technology, Hisar, Haryana 125001
E-mail: ssjoshi99@yahoo.com

first university library in Haryana which automatized its in-house operations in the year 2003. The university library building has a total area of 4875 sq. meter. The seating capacity of the library is 400 seats. Periodical section with a capacity of 50 seats has been established in the library where all printed journals magazines and newspapers are displayed. The other reading hall with a capacity of 80 seats is available for study from 8.00 A.M. to 12.00 midnight. During examination days this hall remains open round the clock. In addition, two computer labs have been established in the library. One lab has been established exclusively for the faculty members and research scholars of the university and the other lab for the SC/ST students of the university. These labs are equipped with the latest electronic resources and databased [1].

YMCA University of Science and Technology, Faridabad was established vide act no. 21 of 2009 of Haryana state. Previously it was known as the YMCA institute of engineering. It was the combined venture of Central agency for development aid Germany and national council of YMCA of India. The main objective of this project was to provide technical education in India on German pattern.

The University Library of YMCA University of Science and Technology is situated in the heart of the university, having easy access from every corner. This is a fully air-conditioned single story building. The total area of the library is 7200 sq. feet. The total seating capacity of the library is 120 seats. The seating capacity of the periodical section is 60 seats, where students can access the journals, magazines and

newspapers. One separate reading hall has been provided for the students to study their own books/ study material [2].

DCRUS&T, Murthal is situated near by the capital of India, Delhi. Earlier it was known as the Chhotu Ram state college of engineering. Most of the subjects in the university are related to science and technology. The university library of DCRUS&T, Murthal is situated in the four story building surrounded by the lush green environment. The seating capacity of this library is 500 seats. Which is highest among the prevailing technical universities in the state of Haryana? Generally library remains open from 7.00 A.M. to 7.00 P.M. on working days. During Saturdays, Sundays and gazetted holidays it remains open from 9.00 A.M to 5.00 P.M [3].

Collection Development

The table below shows the budget allocation on

books, expenditure and Development of collection since last five years among three universities. It shows that in the year 2009-10 maximum expenditure of Rs 3926109/- was made by GJUS&T, Hisar and 2872 books were added in its collection. DCRUS&T, Murthal made an expenditure of Rs2048496/-on purchase of 2986 books and lowest expenditure was made by YMCAUS&T, Faridabad. It has been seen from the table that during last five years, every year GJUS&T is step forward among other technical universities of Haryana in context of expenditure on purchase of books. During the five years total expenditure of Rs23336580/-was made on purchase of 21871books. Books amounting to 12560875 were purchased in the university library of DCRUS&T, Murthal. Expenditure of Rs 48,50,000/- was made on purchase of 13515 books in YMCAUS &T Faridabad which is the lowest among the other technical universities of Haryana [4].

Table 1:

DCRUS&T, Murthal			GJUS&T, Hisar		YMCAUS&T, Faridabad		
Expenditure	No. of Books Added	Budget Allocated	Expenditure	No. of Books Added	Budget Allocated	Expenditure	No. of Books Added
2048496	2986	6346742	3926109	2872	700000	700000	1704
2990300	6570	5846896	5425004	6743	700000	700000	1884
2054757	1562	7390103	6849657	6264	700000	450000	1025
3256306	3826	7843685	4744088	3812	1500000	1500000	5532
2211016	1573	4770000	2391722	2180	1500000	1500000	3370
12560875	16517	32197426	23336580	21871	5100000	4850000	13515

Growth of Members

The below table represents the status of members in all the technical universities of Haryana. It shows that the membership is steadily increasing in all the technical universities since last five years. In 2009-10 the membership of DCRUS&T, Murthal was 2301 as compared to 4218 of GJUS&T and 2628 of YMCAUS&T, Faridabad. It has been perceived that the strength of membership in GJUS&T, Hisar is very high every year in comparison to other technical

universities of Haryana. The reason may be that the strength of the courses in GJUS&T, Hisar is higher as compared to DCRUS&T, Murthal and YMCAUS&T, Faridabad. As experiences, the other reason may be that access of print and online resources in GJUS&T, Hisar is higher than the other two technical universities of Haryana and it becomes the necessity of the students and faculty members of the university to get the membership of the university library.

Table 2:

Year	DCRUS&T, Murthal	GJUS&T, Hisar	YMCAUS&T, Faridabad
2009-10	2301	4218	2628
2010-11	2872	4913	2700
2011-12	2933	5018	2792
2012-13	3735	5202	2839
2013-14	4386	5592	2874

Subscription of Journals

The table given below depicts the growth of the journals in the university libraries of all the technical

universities of Haryana. It has been observed that university library of GJUS&T, Hisar has processed highest no. of journals every year in comparison to

DCRUS&T, Murthal and YMCAUS&T, Faridabad. In the year 2010-11, DCRUS&T, Murthal was subscribing only 50 journals in comparison to 197 journals of GJUS&T, Hisar and 35 journals of YMCAUS&T, Faridabad. It has also been observed from the table that increasing trend of journal is lowest in YMCAUS&T, Faridabad in comparison to other

technical universities of Haryana. It has also been observed that in the year 2013-14 GJUS&T, Hisar has processed only 151 Indian journals for subscription as compared to 197 journals of preceding year. The reason behind this was that university library started moving towards online resources instead of print resources.

Table 3:

Year	DCRUS&T, Murthal No. of Journals	GJUS&T, Hisar No. of Journals	YMCAUS&T, Faridabad No. of Journals
2009-10	-----	-----	22
2010-11	50	197	35
2011-12	75	198	63
2012-13	100	197	----
2013-14	155	151	100

Online Resources

Online resources are considered as the backbone of any university library. These resources play vital role in research. One cannot think of research without the use of online resources. Since the pattern of subjects in technical universities is science and technology oriented hence online resources play an important role in academic activities. Universities are subscribing online resources to satisfy the informational requirements of the users. UGC through INFLIBNET is also providing facility of access of online journals to universities and colleges. Since the study is concerned with the technical

universities, hence tables given below show the status of availability of online resources in the technical universities of Haryana i.e., DCRUS&T, Murthal, GJUS&T, Hisar and YMCAUS&T, Faridabad.

DCRUS & T, Murthal

The table given below demonstrates the status of online resources in the university library of DCRUS&T, Murthal. The following online resources have been subscribed by the library on payment basis or through INFLIBNET.

Table 4:

Sr No.	Name of online resource	Number of journals
1	Emerald	150
2	J- Gate	6936
3	EBSCO	239
4	Springer (Through INFLIBNET)	1389
5	American chemical society (Through INFLIBNET)	37
6	American physical society (Through INFLIBNET)	10
7	Taylor and Francis (Through INFLIBNET)	2918

Other than the above stated electronic resources the university has the access to the ISID and JCCC databases through INFONET programme of UGC.

YMCAUS&T, Faridabad

YMCAUS&T, Faridabad is subscribing following online resources through INFLIBNET. The library is also a member of DELNET, INDEST and UGC INFONET consortium:

Table 5:

Sr. No.	Name of online resource
1.	Springer Link
2.	Taylor and Francis)
3.	Nature
4.	OUP
5.	J-Store
6.	J-Gate

GJUS&T, Hisar

The following online resources are subscribed in the university library of GJUS &T, Hisar. The university library is a member of UGC INFONET consortium. Under which access to more than 7000 journals have been provided. Other than the online journals through INFLIBNET, university library of

Table 6:

Sr. No.	Name
1	ACS
2	AIP
3	American physical society
4	Blackwell
5	Annual Reviews
6	Emerald Management 175
7	IEEE (ASPP+POP)
8	CUP
9	Institute of physics publishing
10	JSTORE digital collection
11	JCCC
12	T&F
13	Royal society of chemistry
14	OUP
15	Project Muse
16	ISID
17	Springer
18	Web of Sciences
19	Economic and Political weekly

GJUS &T, Hisar is subscribing IEEE (ASPP& POP), Emerald management, J-Gate and Prowess databases out of its own funds. The university library is subscribing more than the double of the online resources as compared to the university libraries of the DCRUS &T, Murthal and YMCAUS &T, Faridabad.

The following online resources are subscribed by the university library of GJUS &T, Hisar.

Staff Position

The status of the library staff has direct relation with the efficiency of the library services. Two factors play prominent role in delivering the library service i.e. Strength of the staff and skill of the staff. If the library staffs are less in proportion to the library members, collection and infrastructure, this will definitely have the negative impact on library services. On the other hand if the staffs are sufficient this will improve the library services as a whole.

Skill of the staff also matters in the library. If the staff is well qualified and technically skill in delivering library services this will raise the satisfaction level of the users. On the other hand in the absence of the qualified and skilled staff, the efficiency shall be reduced. The status of the staff in the technical universities of Haryana is detailed as under:

Table 7:

Sr. No.	Name	Designation	Qualification	Pay scale
1.	Sh.P.NBajpai	Librarian	M.Sc;MLISc.,M.Phil	15600 -39100 G.P 7000
2.	Mrs.Hema Singh(Tenure)	Asstt. Lib Professional	M.Sc;ADIS; UGC NET	9300 -34,800 G.P 3200
3.	Mrs.S adhna	LCC	B.Sc;M.A,MLISc,M.Phil	5200 -20,200 G.P 1900
4.	Sh.Jitendra(Tenure)	LCC	10+2	5200 -20,200 G.P 1900
5.	Sh.Sanjay(Tenure)	LCC	B.A	5200 -20,200 G.P 1900
6.	Mrs.Seema(Tenure)	LCC	M.A;MLISc.	5200 -20,200 G.P 1900

YMCAUS &T, Faridabad

YMCAUS &T presently the staff position is as under:

Table 8:

Sr. No.	Name	Designation	Qualification
1	Mehar Singh	Deputy Librarian	M.Lib.Sc,M.Phil
2	Kamal Singh	Asstt. Librarian	M.Lib.Sc,M.Phil
3	Daljinder Kaur	Professional Asstt.	M.L ib.Sc
4	Anuradha	Library Asstt.	Diploma in library Science
5	Babita	Library Asstt.	M.Lib.Sc
6	Santosh	Library Asstt.	Diploma in library Science
7	Sarita	Library counter clerk	M.Lib.Sc,M.Phil
8	Dharmender	Library counter clerk	M.A., BLib Sc.

DCRUS &T, Murthal

There are only 8 staff members in the university library of DCRUS&T,Murthal. The detail is as under:

GJUS&T, Hisar

The university library of GJUS&T, Hisar has 19 regular employees and 13 contractual employees. It

Table 9:

Sr NO.	Name	Designation
1.	Dr. S. S. Joshi	Deputy Librarian (Having charge of Librarian)
2.	Dr. Vinod Kumar	Deputy Librarian
3.	Mr. SomDutt	Assistant Librarian
4.	Mr. Narender Kumar	Assistant Librarian
5.	Mrs. NishaKundu	Programmer
6.	Mrs. Promila Devi	Deputy Superintendent
7.	Mrs. MeeraBhola	Assistant-cum-DEO
8.	Mrs. Vishan Devi	Library Assistant
9.	Mrs. Kiran Sharma	Library Assistant
10.	Mr. Jai Singh	Library Attendant-Cum-Restorer
11.	Mrs. Suman Saini	Clerk-cum-JDEO
12.	Mr. Ram Prasad	Clerk-cum-JDEO
13.	Mr. BalrajHooda	Clerk-cum-JDEO
14.	Mr. Deepak Chhabra	Laboratory Attendant
15.	Mr. Raj Singh	Library Attendant-Cum-Restorer
16.	Mr. Surender	Library Attendant-Cum-Restorer
17.	Mr. Deepak	Library Attendant-Cum-Restorer
18.	Mr. ChanderBhan	Libra ry Attendant-Cum-Restorer
19.	Mrs. ParwatiThappa	Peon

has been observed that the strength of the staff members is highest in GJUS&T, Hisar among the rest of the technical universities of Haryana. It has also been observed that there are two deputy librarians and two assistant librarians in the university library. This strength of professional staff is again highest among all the technical universities of Haryana. The following is the detail of the regular staff members working in GJUST&T, Hisar.

Hardware and Software

This is the age of knowledge explosion. Daily, abundance of documents is published in print and digital format. Need of the researchers are also changing accordingly. They want instant and speedy information from the libraries. To cope up with the knowledge explosion and changing requirements of the users' presence of the sufficient

Name of the item	DCRUS&T, Murthal	GJUS&T, Hisar	YMCAUS&T, Faridabad
Computers	40	49	20
Servers	-----	03	1
Printers	5	12	3
Others	-----	25 Laptops , 09 CD Carousels, 1 Scanner	

Sr No.	DCRUS&T, Murthal	GJUS&T, Hisar	YMCAUS&T, Faridabad
1	Libsys	Libsys	Libsys

hardware and software is the need of the hour. In present scenario most of the libraries are using computers and software to satisfy the informational thrust of the users. The status of hardware and software in the technical universities of Haryana is detailed as under:

Hardware

Software

From the above stated tables it has been observed that the university library of GJUS&T, Hisar is rich in the area of the hardware as compared to

DCRUS&T, Murthal and YMCAUS&T, Faridabad. Instead of computers and printers in the library GJUS&T, Hisar has 09 CD carousels and 01 scanner. The storage capacity of these CD carousels is 150 CDs per carousel. The beauty of these CD carousels is that CD contained in these carousels can be retrieved on a single click. It has been observed that all the technical universities of Haryana are using Libsys for their in-house operations.

Conclusion

It has been observed from the study that University library of GJUS&T, Hisar is richer than the university libraries of DCRUS&T, Murthal and YMCAUS&T, Faridabad on account of prevailing budget provision, online resources, print resources, journals, collection development, members, and staff etc. It has also been seen that university library of GJUS&T, Hisar is receiving more online journals through INFONET programme of UGC as compared to DCRUS&T, Murthal and YMCAUS&T, Faridabad. The access to online journals can be enhanced in DCRUS&T, Murthal and YMCAUS&T, Faridabad only by encouraging its researchers and teachers to use the maximum online journals provided by the UGC

through INFLIBNET. On the basis of the use, INFLIBNET enhances the access of online journals to various universities. It has also been observed that budget allocated to university library of GJUS&T Hisar during last five years on account of purchase of books is higher than the university libraries of technical universities of Haryana. Other than that addition of books, strength of the staff, electronic resources, databases, hardware and software are also on higher side in GJUS&T, Hisar. Attention of the Government and university authorities is required towards the development of libraries of these technical universities. In present scenario allocation of more budgets and recruitment of professional and supportive staff is the immediate requirement of these technical university libraries.

Reference

1. <http://www.GJUST&T.ac.in/facility/library.html>
2. <http://www.ymcaust.ac.in/index.php/en/profile>
3. <http://www.DCRUS&Tm.ac.in/content/library>
4. Rest of the Information obtained through RTI, annual report and questionnaires.

