A Study of Pattern of Library Visits by the Students of Engineering Colleges for Seeking Information

M. S. Lakade
Late Narayanrao Amrutrao Deshmukh Arts and Commerce College
Chandur Bazar, Dist. Amravati

Dr. Mrs. Aparna Choudhary
Binzani Mahila Mahavidyalaya, Nagpur

1.0 Introduction

Currently, information management is an extremely vital part of the knowledge delivery systems like the educational institution. This is because it is this very information that shall be used to acquire new knowledge. In managing this information, the libraries play a vital role. Moreover, being a professional, the librarian is also expected to effectively satisfy the information needs of the users. Basically, a well-established library with all-round and up-to-date collection suitable for study and research is a prerequisite for achieving excellence in the modern higher technical education i.e. the Engineering education (Abdulsalami, 2013). Everyone is aware of the importance of technical education. It helps students to develop theoretical and practical knowledge. It improves the quality of living standard by producing trained and experienced manpower. Technical education gives all the knowledge and skills people require to compete in this cut throat competition (Ajiboye, 2007).

The importance of information in an academic environment cannot be ever overemphasized. Although the information seeking behavior can be described as an individual's manner of gathering and sourcing information for personal use, knowledge updating and development the knowledge of the patterns that exist in the user's library visit can help the library staff to become more efficient and effective in providing the necessary information (Elanchezhiyan, and Ravichandran, 2016). Currently, the technology is impacting every phase of human life and the technical education is no different (Patra 2016). There is considerable amount of literature available on information seeking pattern (Gillian et al., 2004; Liyana and Noorhidawati 2010), however, this behavior (information seeking

behavior) is not similar in all the geographical areas (Kumar, 2013; Naick and Ramesh 2015; Veena and Mallaiah 2015). Moreover, not just students but also the faculty (Sadagoban and Tamizhchelvan 2016) of the technical education institutes constantly needs a lot of information to be effective in their respective teaching assignments. Hence, in view of the above, this study was carried out to assess the pattern of library visits, library use and main purpose of library visit by the students of Engineering Colleges of Nagpur City.

2.0 Research Methodology

The detailed description of all the methods used for data collection and processing are presented hereunder.

2.1 Study of Universe

Since, most of the Engineering colleges in Vidarbha are situated in the Nagpur City; all the colleges in the Nagpur City comprised the universe of the study.

2.2 Research Design

In the present study researcher has used a descriptive cross sectional design for data collection from the students of Engineering Colleges of Nagpur City.

2.3 Sampling Method and Sample Size

The population of the study was all the students of Engineering Colleges of Nagpur City. In all a total of 15 reputed colleges are present in the Nagpur city. In this study 30 students from each of the Engineering Colleges were selected randomly as sample for this study making the total sample size of 450. However, during the course of this study the researcher could get data from more than 450 respondents. And the final sample size for this study was 522 students of Engineering Colleges of Nagpur City.

Aayushi International Interdisciplinary Research Journal (AIIRJ)

VOL- VI	ISSUE-XII	DECEMBER	2019	PEER REVIEW e-JOURNAL	IMPACT FACTOR 5.707	ISSN 2349-638x

2.4 Data Collection

The primary data for this study was collected using a structured questionnaire and by following the survey methodology. Prior to its use, the reliability and validity of the questionnaire was checked.

2.5 Statistical Analysis of Data

Analysis of data has been done with the help of suitable statistical tests. The descriptive statistics, such as frequency, percentage, etc were determined from the collected data. The Chi-square test was also used and the significance level was chosen to be 0.05 (or equivalently, 5%). The data was analyzed using SPSS 18.0 software.

3.0 Results and Discussion

3.1 Library Use/Visits by the students to seek information

Table 3.1: Frequency of library visit by the students

Frequency of library visit	No. of Students	Percentage
Daily	105	20.1
Once per week	177	33.9
More than once in a week	117	22.5
Once in a month	57	10.9
occasionally	66	12.6
Total	522	100.0

Chi–square 87.655; df: 4; Table Value: 9.49; P=<0.05

Above **Table 3.1** presents information pertaining to the frequency of library visits by students of engineering colleges of Nagpur City. Based on the data it is observed that 20.1% students visit daily to the library, while 33.9% students visit the library once in a week. In addition to it library visit of 22.4% and 10.9% students is more than once in a week and once in a month respectively. Also 12.6% students occasionally visit library.

3.2 Visits to other libraries than college library

Table 3.2: Visit to other libraries than college library by the students

Visits to other libraries	No. of Students	Percentage
Yes	39	7.5
No	483	92.5
Total	522	100.0

Chi–square 377.655; df: 1; Table Value: 3.84; P=<0.05

Above **Table 3.2** presents information pertaining to the visits to other libraries by students of engineering colleges of Nagpur City. Based on the data it is observed that 7.5% students visit other library, while 92.5% students do not visit the other library than the college library

3.3 Time spent in the college library per visit

Table 3.3: Time spent in the college library per visit by the students

Time spent in the college library	No. of Students	Percentage
Up to 2 hours	264	50.6
2-3 hours	102	19.5
3-4 hours	87	16.7
4-5 hours	48	9.2
More than 5 hours	21	4.0
Total	522	100.0

Chi–square 344.034; df: 4; Table Value: 9.49; P=<0.05

Above **Table 3.3** presents information pertaining to the time spent in the college library per visit by the students of engineering colleges of Nagpur City. Based on the data it is observed that 50.6% students spent upto 2 hours in the college library, while 19.5% students spent 2-3 hours. In addition to it16.7%, 9.2% and 4.0% students spent 3-4 hours, 4-5 hours and more than 5 hours in the library respectively.

3.4 Main Purpose of Library Visit

Table 3.4: Purpose of visiting library by the students

Purpose of Library Visit	No. of Students	Percentage
To borrow / return the books	207	39.7
To locate information from books/Journals	174	33.3
To read & collect information regarding research	81	15.5
Others	60	11.5
Total	522	100.0

Chi–square 115.134; df: 3; Table Value: 7.82; P=<0.05

Above **Table 3.4** presents information pertaining to the purpose of library visit of the students of engineering colleges of Nagpur City.

Email id's:- **aiirjpramod@gmail.com**,**aayushijournal@gmail.com** I **Mob.08999250451**
website :- **www.aiirjournal.com**

Page No. 130

Based on the data it is observed that 39.7% students visit library to borrow/return the books, while 33.3% students visit library to locate information from books/journals. In addition to it 15.5% students visit library to read & collect the information regarding the research whereas 11.5% students had other purpose of visiting the library.

3.5 Total time spent every week on the following activities in the library

Table 3.5: Total time spent every week on the following activities in the library by the students

Activities	Up to 3 hrs		4-6 hrs		> 6 hrs.		Total	
	Nos.	Per	Nos.	Per	Nos.	Per	Nos.	Per
Searching for books	324	62.1	162	31.0	36	6.9	522	100
Browsing e journals	78	14.9	297	56.9	147	28.2	522	100
Asking reference questions	468	89.7	54	10.3	-	0.0	522	100
Scanning research articles	387	74.1	135	25.9		0.0	522	100
Collect information on internet	156	29.9	294	56.3	72	13.8	522	100

Above **Table 3.5** presents information pertaining to the total time spent every week on the following activities by the students of engineering colleges of Nagpur City.

- **Searching for books**: Based on the data it is observed that 62.1% students spent up to 3 hours in searching for books, while 31.0% students spent 4-6 hours and 6.9% students spent less than 6 hours in searching for books.
- **Browsing e journals**: Based on the data it is observed that 14.9% students spent upto 3 hours in browsing e-journals, while 56.9% students spent 4-6 hours and 28.2% students spent less than 6 hours in browsing e-journals.
- **Asking reference questions**: Based on the data it is observed that 89.7% students spent up

to 3 hours in asking reference questions, while 10.3% students spent 4-6 hours in asking reference questions.

- **Scanning research articles**: Based on the data it is observed that 74.1% students spent up to 3 hours in scanning research articles, while 25.9% students spent 4-6 hours in scanning research articles.
- **Collect information on internet**: Based on the data it is observed that 29.9% students spent up to 3 hours in collecting information on internet, while 56.3% and 13.8% students spent 4-6 hours and more than 6 hours in collecting information on internet.

4.0 Conclusions
4.1 Frequency of library visit
- In view of the study results, it is evident that most of the students of engineering colleges of study area visit the library once in a week.

4.2 Visits to other libraries than college library
- On the basis of the study results, it is evident that most of the students of engineering colleges of study area do not visit other library than college library.

4.3 Time spent in the college library per visit
- In view of the study results, it is evident that most of the students of engineering colleges of study area spent upto 2 hours in every library visit.

4.4 Main Purpose of Library Visit
- From the study results, it is evident that most of the students of engineering colleges of study area visits college library to borrow/return the books.

4.5 Total time spent every week on the following activities in the library
- **Searching for books**: In view of the study results, it is evident that most of the students of engineering colleges spend 3 hours in searching for books in the library.
- **Browsing e journals**: In view of the study results, it is evident that most of the students of engineering colleges spend 4-6 hours in browsing e-journals in the library.
- **Asking reference questions**: In view of the study results, it is evident that most of the students of engineering colleges spend 3

Email id's:- **aiirjpramod@gmail.com**, **aayushijournal@gmail.com** I **Mob.08999250451** website :- **www.aiirjournal.com**

Page No. 131

hours in asking reference questions in the library.

- **Scanning research articles**: In view of the study results, it is evident that most of the students of engineering colleges spend 3 hours in scanning research articles in the library.

- **Collect information on internet**: In view of the study results, it is evident that most of the students of engineering colleges spend 4-6 hours in collecting information on internet in the library.

5.0 References

1. Abdulsalami, L.T. (2013). A Study of Information Needs of Engineers in Nigerian Institute of Transport Technology, Zaria, *The International Journal of Engineering And Science*, 2(4) pp.57-65.

2. Ajiboye, J.O. (2007). Information Seeking Behaviour: Implications for Quality in Higher Education in Africa, *The turkish online journal of educational technology*, 6(1), pp.4-40.

3. Elanchezhiyan, T. and Ravichandran, P. (2016). A Study on the Usage of Web Resources and Services by Faculty Members of Engineering and Technology Institutions in Tamil Nadu, *Journal of Advances in Library and Information Science*, 5(2), pp. 107-111.

4. Gillian, K., Ronan, M and Crystal, F. (2004). Information Seeking and Students Studying for Professional Careers: The Cases of Engineering and Law Students in Ireland, *Information Research: An International Electronic Journal,* 10(1).

5. Kumar, A. (2013). Assessing the Information Need and Information Seeking Behavior of Research Scholars of M.B.P.G. College: A Case Study, *International Journal of Digital Library Services*, 3(3), pp. 1-37.

6. Liyana, M. S. and Noorhidawati, A. (2010). Ascertain the information seeking behavior of Computer Science students, *Kuala Lumpur: LISU, FCSIT*, pp 1-13.

7. Naick, B. R. & Ramesh, R. (2015). Information seeking behavior of the Students at Mandava Institute of Engineering and Technology: A survey, *International Research: Journal of Library and Information Science*, 5(4), pp. 1.

8. Patra, B.K. (2016). User Experience of Library Services of Asansol Engineering College, Asansol, West Bengal: A Case Study, *Journal of Library and Information Science*, 6(4), p. 626.

9. Sadagoban, K and Tamizhchelvan, M. (2016). Information Gathering Habits among Women Faculty Members in Engineering Educational Institutions – An Experimental Study, *Imperial Journal of Interdisciplinary Research*, 2(10).

10. Veena, G and Mallaiah, T.Y.(2015). Information Seeking Behaviour of users in Sahyadri Engineering and Management College Library, *International Journal of Advance Research in Computer Science and Management Studies*, 3(9), pp. 9-16.