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IMPORTANCE OF INFORMATION NEEDS AND BEHAVIOR FOR STUDENTS AND THEIR PREFERENCES

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ABSTRACT

Information seeking conduct is a fundamental part in the planning and creating of need based information communities for meeting the information necessities of clients. Huge components affecting students' information-seeking conduct were observed to be identified with library mindfulness, information education, authoritative and ecological issues, source attributes, and socioeconomics. Information needs are fulfilled just when an information searcher has the expertise of looking exact and significant information. Instructing the clients about looking through the precise information and satisfying their needs is conceivable just when Information proficiency programs are connected in each organization. In this article, we studied about Information needs and it's seeking behaviors for students of Schools in Delhi.

I. INTRODUCTION

Information seeking shapes a vital piece of numerous human exercises, running from decision making and critical thinking to asset assignment and system administration. While a wide range of models of information seeking have been proposed certain in a large portion of them is the presumption that the information seeker is a person. Information seeking Behavior (ISB) is a territory of dynamic enthusiasm among curators. It results from the acknowledgment of some need seen by the client, who as outcome makes demand upon formal systems, for example, libraries, information focuses, on line services or some other individual with the end goal to fulfill the apparent need. Information seeking "alludes to the procedure of accumulation and getting information by various mean.

The investigation of Information Seeking Behavior (ISB) can be gone back to the late 1940s. Since that time countless have turned out on the different parts of Information Seeking Behavior (ISB) there is impressive measure of writing on the Information Seeking of sciences and Technologist and Scientist which has been broadly checked on. The terms Information, Seeking and Behavior is by all accounts extremely commonplace yet likewise befuddling due to the many existing definitions.

II. WHAT IS INFORMATION

Information in this way covers certainties that comprise of data, knowledge or wisdom. Certainties are the things that are valid and known to be occurred or as of now existed. Data is the littlest component

of information and spoke to in any dialect and in any frame like symbol or mathematical signs and so forth. It additionally speaks to individuals, articles, occasions and ideas. The knowledge is a sorted out arrangement of statements of certainties or thoughts giving a judgment some particular reason. It is a trial result which is transmitted to others through the medium of communication in some shape. In a nutshell data is a crude truth, though information is statement or result of breaking down data to state a few actualities.

The sources of information are extraordinary and assembled into primary sources covering periodicals; inquire about reports, gathering procedures, licenses, standards, proposition, exchange literature and so forth which give beginning primary and direct information to client network. Though optional sources covers aggregation of distributed information through primary sources and comprise of ordering and abstracting periodicals, surveys, patterns or advancement reports, annuals, handbooks, reference books, lexicons, reading material and so on.

III. REVIEW OF LITERATURE

Glossary (2014) [1] considers information to be information exhibited in promptly conceivable frame, to which importance has been ascribed inside a setting for its utilization. In an increasingly powerful sense, the message is passed on utilizing a mechanism of correspondence or articulation. Information is exceptionally essential to each person, when requested; it is typically expected to be put into utilization to tackle a need. The idea of information isn't anything but difficult to portray.

Karunarathna, (2008) [2] states that the investigation of information needs and assembling behavior dates to when Bernal and others exhibited a paper on logical information at the Royal Society meeting, During the previous 30 years or somewhere in the vicinity, a significant assemblage of writing has been delivered managing information needs and information-seeking behavior of the two people and gatherings in an assortment of settings. Information seeking behavior manages the mental behavior of the seeker. It includes the seeking, finding, recovering and utilizing of information.

Ikoja-Odongo and Mostert (2006) [3] watched the accentuation in information seeking behavior in Information Science can comprehensively be characterized as that which is worried about deciding client's information needs, looking behavior and ensuing utilization of information. Information seeking behavior is, among others viewpoints, worried about seeing how individuals seek and make utilization of information and the channels they use to get information. More or less, information seeking behavior can be seen as exercises guided towards getting information in light of an information need.

Babalola and Haliso (2011) [4] states that Libraries have an ethical commitment to make information accessible to all classifications of clients paying little mind to their sexual orientation, age, race, political connection or inability yet many individuals have restricted access to

information materials most particularly in creating nations like Nigeria. Per them a survey of the writing demonstrates that library and information services to the outwardly debilitated in Nigeria is to a great extent attempted by Non-Governmental Organizations (NGOs). They presumed that entrance to information and knowledge has never been more basic than in the present information age and that the individuals who need access to fundamental information are rejected from taking an interest effectively in social, political, and monetary exercises. They expressed further that the outwardly weakened, particularly those living in the creating nations like Nigeria have been minimized for a really long time as a result of the shortage of available materials. It is their sentiment that those Nigerian academic libraries in a joint effort with different partners must face their ethical duty in guaranteeing a comprehensive and fair library and information services to the outwardly weakened.

Atinmo (2007) [5] communicates a view that in Nigeria, library and information services to the outwardly hindered are generally embraced by Non-Governmental Organizations (NGOs). Per her, administration intercession on the other is extremely insignificant and concentrates more on foundation of a specialized curriculum schools where instructors of physically disabled youngsters are prepared as opposed to arrangement of library materials for the outwardly impeded.

IV. OBJECTIVES AND METHODOLOGY

A. Objectives of the Research

The main objectives of the research are:

1. To understand the concept of Information and its seeking behavior

2. To find out the motivation behind Information seeking in students of Delhi Schools

3. To find out the preferences of the students regarding Information Seeking in students of Delhi Schools

4. To find out the most used sources for Information Seeking in students of Delhi Schools

5. To understand the relation between Information needs and Information Behavior

B. Research Methodology

To carry out the research of the current study, we used the survey method; a questionnaire was be sent to 98 students of Kendriya Vidyalaya AGCR Colony, Karkardooma, Kendriya Vidyalaya AN Block Shalimar Bagh, Kendriya Vidyalaya Sec-4 R K Puram, Kendriya Vidyalaya Pragati Vihar Lodhi Road in Delhi and they were asked questions regarding their motivation, preference to different sources and their access to the advantages from it. The study depended on their responses.

V. TYPES OF INFORMATION

Information can be arranged based on the idea of its utilization and purposes for

which it is utilized. Information has sorted into six kinds.(Ansari, 2010) [6]:

- ✓ Conceptual information– It identifies with thoughts, speculations, and theory about the relationship, which exists among the factors in the region of an issue.

- ✓ Empirical information – It identifies with data and experience of research which might be drawn from oneself or from others

- ✓ Procedural information – It is the data of examination, which are acquired controlled and tried.

- ✓ Stimulatory information – It is a kind of information propelled by one or environmentally inferred.

- ✓ Policy information– It is known as policy information which is centered around the decision making process

- ✓ Directive information – It is utilized for coordination and for empowering viable gathering action.

VI. INFORMATION CHANNELS

Information is created through various communication channels, transcendently through printed media like books and periodicals and broad communications like news papers, radio, TV, film and so forth, and these sources produce a vast quantity of information. With respect to the printed media, twentieth century saw the exponential growth. Literature includes multiplied inside a scope of 5-10 years in science subjects. The growth of literature is approximately three times quicker than the growth of worldwide populace(Thanuskodi, 2012) [7]. The critical factors which added to this wonder are the exponential growth of literature, advancement in the field of printing, innovative revolution in the field of PCs, telecommunication and so on. The information surge has made various issues to information specialists in regard of the recovery of information thoroughly, speedily distinctly and with exactness. Various strategies, both quantitative and subjective, are being utilized by the information directors to hold over the issues. The review concentrated on users to understand their ways to deal with information is one of the imperative procedures accessible for productive client based information service.

A. Information need

This is understand in information science as stemming from a vague awareness of something missing and as culminating in locating information that contributes to understanding and meaning. The idea of term "information need" has been instituted by Robert Taylor (1962) an American information researcher, while it communicated the significance of need as "need communicated by the client or need which client can't express or immediate need or future or conceded or potential need and so forth." In short the need is essentially characterized as what client requires for his work, it might be for research, education, or refreshing knowledge or some other unmistakable reason. "An information need is an acknowledgment that your knowledge is

deficient to fulfill an objective that you have". Subsequently, information is any reality needed to take decision or satisfaction of need. Information need powers client to seek information. The need of information is constant for users and is needed to keep the users mindful of new or most recent improvements in the field of intrigue, dissect the state of craft of the topic and so on. Information has esteem and is needed by everybody according to prerequisites of the errand.

B. Information behaviour

A general model of information behaviour needs to include at least three elements: (i) an information need and its drives, i.e. the factors that give rise to an individual's perception of need; (ii) the factors that affect the individuals response to the perception of need; and, (iii) the processes or actions involved in that response makes information useful and valuable in their contexts (Urquhart, 2007) [8].

Information Seeking Behaviour can be described as an individual's way and manner of gathering and sourcing for information for personal use, knowledge updating and development.

VII. APPROACHES TO INFORMATION NEEDS

The literature on information needs and users covers the central terms in an alternate wonder, Ellis, David has articulated the accompanying six essential methodologies. (Anonymous, S., 2012) [9]:

1. Structural Approach

2. Knowledge approach

3. Message approach

4. Effect approach

5. Meaning approach

6. Process approach

7. The structural approach

- In this approach Information is viewed as structures of the world or static relations between physical objects which may be perceived or not

- The Knowledge approach: This approach records knowledge that is built on the basis of perception of the structure of the world.

- The message approach: The Mathematical Theory of Communication uses this approach. It is concerned with the transmission of symbols representing a message.

- The Effect approach: This approach says that Information occurs only as a specific effect of a process;

- The meaning approach: In this approach the semantic contents of a message are accepted as Information.

- The process approach: According to this approach the process information occurs in the

human mind when a problem and useful data are brought together.

VIII. INFORMATION NEED AND INFORMATION BEHAVIOUR

The information needs in which users brought up that information demand is base of information need, information demand is ask for information required and is the base for seeking information, Users at that point counsel information sources or information systems to get information, Demand is desires for users. The ICT, web, web sources have raised the desire for users from libraries which are additionally named as information systems. All in all view information behavior is a more extensive term in which collaboration with information source, information channel, information seeking process are included. "Information seeking is a cognizant exertion to get information because of a need or gap in your knowledge". This covers the way toward getting needed information to create knowledge. The greater part of this structures a piece of our every day schedule and is performed contrastingly by people. There are no such things like homogenous assemblage of information users.

Information seeking has created implications out of a few streams. Bookkeepers needed to understand library users better, the administration offices needed to understand how researchers and architects utilized technical information with the end goal to advance quicker take-up of new research results, and social researchers by and large were keen on the social employments of information in an assortment of faculties. As of late, social investigations of information technology and social informatics have added to this zone. Inside library and information science, different floods of research are drawn for what they can add to understanding of information behavior of users. Information seeking covers numerous types of behavior like perusing, watching, utilizing casual information sources, 151 perusing, considering, searching formal information sources, buying in to broad communications and so forth. Information seeking is a part of insightful work important to scholarly curator to create accumulation, start services and hierarchical structures. Information seeking is named as a characteristic and essential component of human presence. Some have gathered information seeking into three principle periods, the sixties to the mid eighties, the mid eighties to mid nineties and mid nineties till now.

A. *Importance of Information and User Needs*

Information is called as ware, since it has an economic esteem. Information is fundamental component of improvement of society. The present century is treated as a period of information revolution and libraries are gradually changing their face and relocating towards utilization of electronic information sources. Securing these diverse types of e-resources has immense decision of selection and ways. Users are overloaded with the information blast and they are in the need of pinpointed and in addition accurate informationBrunton, C. (2015) [10].

As indicated by Taylor (1962) [11] information need has four levels:

1. The conscious and unconscious need for information which does not exist in the past experience of the investigator. It is the genuine however unexpressed need for information

2. The conscious mental depiction of a badly characterized region of a decision. In this level, the inquirer may converse with another person in the field to find a solution.

3. A scientist shapes a reasonable statement of his inquiry. This statement is a normal and unambiguous portrayal of the inquirer's questions.

4. The inquiry as displayed to the information system.

B. Information: Explosion and Information Overload

The knowledge society is utilizing the information and creating new knowledge. The information blast is high to the point

A. Motivation behind Information seeking:

that information is multiplying inside couple of years and getting to be hard to oversee and is the primary driver for information overload which is seen in the knowledge society. Likewise, the use of information technology in distributing information has included more load the users. . Information overload is by and large considered as a circumstance in which a person's proficiency in utilizing information in his work is hampered by the measure of significant and possibly

valuable information accessible to him. Information technology is viewed as a noteworthy reason for information overload.

IX. RESULTS AND DISCUSSIONS

A survey was flowed to 98 look into researchers and 80 filled-in polls were returned by Kendriya Vidyalaya AGCR Colony, Karkardooma, Kendriya Vidyalaya AN Block Shalimar Bagh, Kendriya Vidyalaya Sec-4 R K Puram, Kendriya Vidyalaya Pragati Vihar Lodhi Road in Delhi. The survey done on these Schools and their responses were used to analyze the data and the following results were found:

Purpose	No. of users	% of users
For General study	5	5
For Preparing Competition	0	0

For Recreation	0	0
For Employment Information	8	10
For Current Awareness	0	0
Research	67	85
Total	80	100%

Above examination demonstrate that 85% respondents said they seek information for their exploration work. 10% respondents seek information to get business and just 5% respondents said that they seek information for study. It is clear and evident from the above information that the greater part of respondents seeks information for their examination work.

B. Information Sources Used For Seeking Information:

Sources	No. of users	% of users
News papers	4	5
Text books	8	10
Discussion with colleagues	8	10
Consult a knowledgeable person in the field	12	15
Discussion with librarian or reference staff of the library	8	10
Consult superior	0	0
Review articles	8	10
Research papers	8	10
Indexing journals	4	05

Abstracting journals	4	05
Other magazines	8	10
Reference books	8	10
Total	80	100%

Above examination demonstrates that the most mainstream wellspring of information is to counsel a knowledgeable individual in the concerned field; there are different wellsprings of information likewise utilized by respondents like reading material, dialog with partners, discourse with reference custodian and audit of articles and so on.

C. Advantageous Format of Information

Is Electronic format more convenient?	**No. of users**	**% of users**
Yes	25	25
No	55	75

Above investigation demonstrates that greater part of social science research scholars (75%) state that e-designs are not advantageous when contrasted with books. They give a few reasons as they don't have computer at home, power issues, technical issues and so forth 25% respondents said e-groups are advantageous when contrasted with books; these respondents have great knowledge of IT.

X.CONCLUSION

Subsequent to looking over different studies on information speculations, information utilizesdesigns, information needs, information perusing, and information seeking conduct. Information-seeking is an intricate procedure, one which students approach with earlier learning, firmly held suppositions, and varying levels of psychological improvement. From the research, it is uncovered that patterns in information conduct of clients are changing since the presentation of advanced asset in libraries. Information-seeking conduct is highly identified with client studies, client needs, information accessibility and information needs evaluation. To improve the usage of library assets information assets must be available on the web.By the investigation of information it is obvious that in the formal sources, books are most as often as possible utilized by all gatherings. Web likewise exceptionally normal to looked for information. Consultation with the supervisor and expert in the concerned

field is in the prime position in the casual wellsprings of information. There are other wellsprings of information utilized by respondents like: - discourse with partners, dialog with reference bookkeeper and so on. According to the above information investigation, obviously lion's share of respondents seeks information for their research exercises.

REFERENCES

[1]. Glossary (2014) Information Need. Media Wiki Retrieved from: http://liswiki.org/wiki/Information _need (Accessed 21/11/2016)

[2]. Karunarathna, A (2008). Information seeking behaviour of University Teachers in Sri Lanka in the field of management studies http://eprints.rclis.org/handle/1076 0/12699 (Accessed 21/11/2016)

[3]. Ikoja-Odongo, J. R. and Mostert, J. 2006. Information seeking behaviour: a conceptual framework. South African of Libraries and Information Science 72(3): 145-158.

[4]. Babalola, Yemisi T and Haliso, Yacob (2011). Library and Information Services to the Visually Impaired-The Role of Academic Libraries. Canadian Social Science

[5]. Atinmo, M.A. (2007, July). Including the Excluded: The Challenges of Library and Information Services for visually handicapped readers in Nigeria in the new millennium, Paper presented at the International Special Education Congress, Manchester, UK

[6]. Ansari, M. and Zuberi, N. (2010), Information seeking behaviour of media professionals in Karachi, Malaysian Journal of Library & Information Science,15(2) , 71-84. Accessed at http://ejum.fsktm.um.edu.my/articl e/914.pdf. Accessed on 25th April 2012.

[7]. Thanuskodi, S. (2012). The Information Needs and Information Seeking Behaviour of the Tamil Nadu Dr. Ambedkar Law University Faculty Members. International Journal of Information Science. 2(4),42-46.

[8]. Urquhart and J. Rowley, "Understanding student information behaviour in relation to electronic services: lessons from longitudinal monitoring and evaluation, part 2." Journal of the American Society for Information Science and Technology, vol. 58, no. 8, pp. 1188-1197, 2007.

[9]. Anonymous, S. (2012). Information seeking behavior of post graduate students in ZakirHusain engineering and Technology College and faculty of law, AMU: a comparative study.

[10]. Brunton, C. (2015) "The effects of library user-education programmes on the information-seeking behaviour of Brisbane

College of Theology students-An Australian case study", Journal of Religious Theological information, Vol. 7 No. 2, pp. 55-74.(all references are not mentioned here)

[11]. Taylor R S. The process of asking questions AmerDor 13 391-6, 1962