UTILIZATION OF INFORMATION RESOURCE IN UNDERGRADUATE STUDENT LEARNING AT SUAN SUNANDHA RAJABHAT UNIVERSITY

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Abstract— The purpose of this research were to study information resources and problems in utilizing of information resourcesfor learning of undergraduate students at SuanSunandhaRajabhat University. A stratified random of 380 samples was collected. A Likert five-scale questionnaire was developed to collect data and to obtain students' opinions their information resources using. The findings revealed that the majority of respondents used electronic resource by using search engine such as google website and youtube website. Beside that they use Academic Resource Center of SuanSunandhaRajabhat University. Mass communication, they preferred to use television. Individual information resource ,they asked the information from teacher and friend. The problem of using information resources were linking of network was taken a long time and information from mass media did not match their needs. The suggested activity to promote is plan the curriculum to suit with students' information resources using.

Keywords— Information Resources, Problems in Information Resources Utilization, Personal Resources, Electronic Information Resources, Mass Media Resources.

I. INTRODUCTION

Education is the way to create juvenile of the nation to be the educated personnel, to create educational organization and educational society in order to emphasize on creating juvenile to be person yearning to learn and seek knowledge, as well as to know to utilize the learning resource in school, university and community for the benefits for students themselves and society, to know how to develop their own efficiency leading to the life-time learning; however, learning has to seek knowledge from several sources and to be utilized in real life. Education in Thailand has a foundation supporting personal learning in forms of information resource that could be able to learn in extensive and several ways and has enough amounts to create learning whether learning occurred from any type of education having both formal education and non-formal education or informal education should have information resources to support learning more than the extent of school and university as information resources have several types.

Information resources are the source of information, news, information responded to the needs of users comprised of information resources of institutes, places, individual and informal resources; these resources are to be the place comprised of knowledgeable information for education for instruction, as well as for utilization as the needs of users. It is considered that information resources are the one of important tools towards self-learning, especially students as they have to rely on information resources in study and research; accurate, up-to-date and efficient data and news in learning.

As for the education reformation in accordance with National Education Act, B.E.2542, Section 42, regarding student-centered learning process management, educational institute and relevant units proceed in managing contents and activities to be in conformity with interests and aptitude of learners by considering the difference between individual, skill training, thinking paradigm, management, situation encounter and knowledge application for prevention and solving problems, creating activities for learners to learn from real experience, practicing to be able to think, do and love to read and habit in yearning to know continuously, create balance and stable instruction by combining several learning subjects, as well as instill virtue, good values and desired characteristics in every subject and promote teachers to be able to create atmosphere, environment of instructional media and direct the instruction and resource of science for every time and place and cooperate with parents, guardians and every part of persons in the community in order to develop learning according to potential

As such, the types of learning of learners in the present time consist of learning from several learning resources and cooperative learning. The main target in student-centered learning management is learners seeking knowledge inside and outside the school in the form of documents, materials, places, establishment; the persons are comprised of friend, groups of friends, experts or persons possessing wisdom of the community.

From such context, the student-centered instruction management by having students to possess knowledge, understanding from self-research and study from several information resources in order to crate efficiency in learning lacks relevant data regarding utilization of information resources of students in learning; therefore, the researchers interest in utilizing information resources of undergraduate

students, SuanSunandhaRajabhat University in order to be the guideline instruction in conformity with utilization of information resources.

II. METHODOLOGY

This was a quantitative research that was aimed to studythe information resourcesand the problem in utilization of information resources of undergraduate students, SuanSunandhaRajabhat University.There were five steps of this research. The first step was to study the document and other studies related to information resource in order to find the guideline of developing questionnaire of quantitative method. The second step was to define population and sample. The population included 24,971 undergraduate students who registered for the second semester of 2014. A Krejcie& Morgan sampling technique was performed to get a sample group that included 380 students. They were collected at 6 faculties: Faculty of Education, Faculty of Industrial Technology, Faculty of Humanities and Social Sciences, Faculty of Science and Technology, Faculty of Fine and Applied Arts, and Faculty of Management. The third step was the development of tool. The tool for this survey was the questionnaire which had three major parts. The first part was designed to ask about the demographics. The second part was designed to obtain the information about information resource of students. Likert five-scale was designed to measuretheir ultilization information resources. The third part of the questionnaire was about problems in utilization of information resource. The fourth step was data collection. A stratified random sampling technique was performed to obtain 380 respondents. Finally, the fifth step was data analysis. This step was performed by using SPSS. Descriptive statistics utilized in this research including percentage, mean, and standard deviation.

III. RESULTS

The research results of utilization of information resources of undergraduate students of SuanSunandhaRajabhat University, it is found that the most utilized information resource is personal resource by utilizing media from instructors, secondarily, electronic information resources as it is found that undergraduate students utilize search engines such as Google and youtube for accessing information media in for the most one and mass media resources as it is found that the most utilized one is TV; as for the resources for institute, the undergraduate students utilize the library for the most one. Regarding the problems in utilization of information resources in each resource, it is found that, as for the problems in utilization of institute, the first problem is the resource being remote making inconvenient in travelling, secondarily, the obtained information is not responded to the needs, as for the utilization of personal resource, the most problems are scariness to ask and too courteous, secondarily, the informant is not willing to counsel, lastly; as for the problems in utilization of electronic information resources, it is found that the most problems are the connection to the network taking a long time, secondarily, the needed URL is revoked or changed As the detail of the following tables illustrate the means and standard deviation.:

Table1: Utilization of Information Resource Dividing according to Personal Resources

Personal Resource	$\overline{X}$	S.D.	Rank
1.Instructors	4.02	.8759	1
2.Friends	3.89	.8816	2
3.Lecturer/Expert	3.50	.8912	3
4.Librarian	3.21	1.0088	4
Total	**3.65**	**.6715**	

Table2: Utilization of Information Resource Dividing according to Electronic Information Resources

Electronic Inf. Resource	$\overline{X}$	**S.D.**	**Rank**
1.Website of University	3.79	.9131	2
2.GeneralSearch Engine (google, youtube and etc.)	4.25	.8302	1
3. E-book	3.33	.9249	4
4. E- journal	3.10	.9722	5
5.Online Database	3.43	.9601	3
Total	**3.58**	**.6480**	

Table3: Utilization of Information Resource Dividing according toMass Media Resources

Mass Media Resources	$\overline{X}$	S.D.	Rank
1.Radio	2.99	1.0860	4
2. T.V.	3.78	1.0288	1
3.Newspaper	3.41	1.0120	2
4.Magazine/Journal	3.29	1.0559	3
Total	**3.37**	**.8361**	

Table4: Utilization of Information Resource Dividing according to Institute Resources

Institute Resources	$\overline{X}$	**S.D.**	**Rank**
1. Library of SuanSunandhaRajabhat University	4.09	1.78	1
2.Other University Library	3.00	1.20	4
3.National Library	3.42	1.13	2
4.Public Library	2.76	1.18	6
5.Special Library	2.65	1.19	7
6.School Library	3.00	1.15	3
7.Unit going to study and observe	2.96	1.02	5
Total	**3.13**	**.827**	

Table5: Utilization Problems of Personal Resources

Problems	$\overline{X}$	S.D.	Rank
1.Scariness/Too Courteous	3.20	1.160	1
2.Informant having Insufficient Knowledge	2.91	1.009	6
3.Informant being Unwilling to Counsel	3.04	1.039	2
4.Informant not having Time to Counsel	3.03	1.045	3
5.No Knowledgeable Persons in Such Field	2.94	1.052	5
6. Obtained Information not being in Response to the Needs	2.99	1.053	4
Total	**3.02**	**.8400**	

Table6: Utilization Problems of Mass Media Resources

Problems	$\overline{X}$	S.D.	Rank
1.Do not Receive the Information as Request	2.90	1.0358	4
2.Wasting time in Searching	2.96	1.0035	2
3.Having Difficulty in Searching	2.95	.9934	3
4.Having Too Much Information	2.86	.9926	5
5.Obtained Information not being in Response to the Needs	3.04	.9937	1
Total	**2.94**	**.8172**	

Table7: Utilization Problems ofInstitute Resources

Problems	$\overline{X}$	S.D.	Rank
1.Remote Information Resource/ Inconvenient to Travel	3.09	.957	1
2.Payment for Using Service	2.79	1.008	3
3.No Needed Information Resources	2.98	1.011	2
4.Information Resource having Pollution affecting Healthiness	2.70	1.093	4
Total	**2.89**	**.830**	

Table8: Utilization Problems of Electronic Resources

Problems	$\overline{X}$	S.D.	Rank
1. Difficulty in Using	2.82	1.1469	3
2. Do not Know How to Use	2.63	1.1229	4
3. Lacking Skill in Using Computer Technology	2.43	1.1641	5
4. URL being Revoked or Changed	2.85	1.0918	2
5. Network Connection taking a Long Time	3.05	1.1438	1
Total	**2.76**	**.9402**	

DISCUSSION

From the study of utilization of information resources of undergraduate students, SuanSunandhaRajabhat University in this time, they have significant points in this discussion as follows:

1. The utilization of information resource of undergraduate students, regular course, SuanSunandhaRajabhat University by overview, it is found that the undergraduate students utilize these 4 resources in study and research for knowledge in moderate level while the research results of SakchaiSuhakorn(1990) who conducted a study in utilization of information resources in study and research of Ramkhamhaeng University's undergraduate students attached to departments found that undergraduate students utilize information resources in learning for high level; however, both 2 institutes utilize personal resources by attending lectures from instructors and discussion for exchanging knowledge with friends in high levels.

2. As for information resource of institute, when considers in each aspect, undergraduate students of SuanSunandhaRajabhat Universityutilize university library for the first one which is in conformity with the research of LumpungPhuangbangpo(1994), it is found that the information resources which instructors and undergraduate students, Faculty of Business Administration, private universitymostly utilize are central library of university; moreover, the research results of DuangjanPhayakphan(1995), it is found that faculties of public higher education institutes utilize information resources which are Central Library Office in instruction for high level.

3. As for personal resources, it is found that the undergraduate students of SuanSunandhaRajabhat University utilize personal resources for high level by asking instructors and discussion for exchanging knowledge with friends which is in conformity with the research of SirisupaEmyuak(2006), it is found that the undergraduate students of PibulsongkramRajabhat utilize personal resources by

discussing with friends and instructors, indicating the utilization of searching channel of information resources from instructors being the first one because of accuracy, correctness and in conformity with needs.

4. As for the mass media resources, the research results found that the undergraduate students of SuanSunandhaRajabhat University utilize TV information resources more than other media as TV is a mixed media having pictures and soundtrack; moreover, the production of program and broadcast procedure are convenient, fast and up-to-date; on the other hand the other types that are not mixed media are not interested.

5. As for electronic information resource which undergraduate students use in study and research in learning, it is found that most students use search engine from google or youtube and university website, which is in conformity with the research of DanaisakKowitbun(2000) who conducted a study regarding utilization of information resource of undergraduate students of Ramkhamhaeng University and found that the undergraduate students use information resource from internet in high level as internet is the resource consisted of large amount of information and could be accessed rapidly.

6. As for problems in utilization of information resources, it is found that most undergraduate students encounter internet connection problems taking a long time to connect to the network, which is in conformity with the study of DuanjaiTirapraset(2002) who conducted a study regarding utilization of information resources of faculty of Suranaree University of Technology, also, in conformity with the research of Sirisupa Emyuak(2006) who conducted a study regarding the information resource of undergraduate students of PibulsongkramRajabhat University and found that most undergraduate students have the problems in internet connection to network system to the needed information resources as the connection taking a long time as well**.**

CONCLUSIONS

From the study of utilization of information resources of undergraduate students of SuanSunandhaRajabhat University, it is indicated that the successful level of undergraduate students study will be, other than the study in the class, depended on a good selection of many information resources as the good selection will benefit to students under study, graduated students and all life time due to, at the present time, one of important and necessary qualifications of personnel in education field are searching, selection and accessing to the needed information in order to utilize in instruction for the highest benefits

SUGGESTION

From this research, the utilization of information resources of undergraduate students, SuanSunandhaRajabhat University is in moderate level.For developing information resources in learning.There are two recommendations for this study. First, Academic Resource Center is the information resources of institute which undergraduate students utilize in high level; therefore, there should be a screen of high-quality, complete, correct and up-to-date information in order to use in instruction and study and research. Second, Instructors should change the way of teaching by focusing on student-centered teaching , change the teaching process from lecturing to be discussion in the class in order to make undergraduate students to learn; discuss for exchanging knowledge, have conversation between instructor and friends to access to personal resources with close relationships, making students not to be afraid to ask or have a conversation with instructors.

ACKNOWLEDGMENTS

This research paper received the financial support from the Research and Development Institute, SuanSunandhaRajabhat University, Bangkok, Thailand.

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