

USE OF INTERNET BY FACULTY OF ENGINEERING DEPARTMENTS OF SREENIDHI INSTITUTE OF SCIENCE & TECHNOLOGY, HYDERABAD

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Abstract

The internet is a wide successful, rapidly growing, global communication technology. The internet offers a variety of service used to create, browse, access search view and communicate information on diverse set of topics ranging from the result of scientific experiments to discussions set up topics ranging from the result of scientific experiments to discussions of recreational activities. Today Internet used every where or in any field like, teaching, learning, research & development, agriculture, banking, marketing etc. Now a days 140 millions Internet users in the world hooked to over 12 millions host computer connected to the net, and this number is growing everyday. In environment of internet there is no authority or agency to monitor and control the publications on internet. The present study focuses on the use of Internet by selected faculties Engineering, VAUGHN, M.B.A. of Sreenidhi Institute of Science & Technology, Hyderabad. Total 99 faculty members are there in the 10 departments out of 97 questionnaires were distributed and only 88 responses were received. Out of these 88 responses 76(83.36%) were males and 12(13.44%) females, in all 10 departments use LAN net work system, Most of the faulty members used internet for use e-mail service, Yahoo and Google the most preferred search engines by the 88(100%) faculty members, Google is the first ranked website by used 84 (95.45%) faculty members out of total 88 faculties, 81 (92.04%) faculty members used the internet daily .

INTRODUCTION

Communication technology plays a vital role in the development of society, Vast amounts of data are transmitted in seconds and internet access offers unimaginably large amounts of information, data, and interpreted materials. As a powerful and dynamic tool for communication, it is largest single source of information at the global level.

The internet presents a challenge for library and information professionals in providing information services. The internet has many resources that can be harnessed by academicians for scholarly work. Use of the internet is changing research, teaching, and learning. The expansion of available information brings increasing dependence on the source. Use of the Internet by research scholars is an important area of study in today's information environment

SREENIDHI INSTITUTE OF SCIENCE & TECHNOLOGY

Sreenidhi Institute of Science and Technology, since its inception in 1997, with over 250 students and 5 streams of engineering has blossomed into a giant administering quality education that is technically sound. Currently, Sreenidhi stands as one of the foremost engineering colleges with autonomous scheme which was ascribed to the Institution in 2010. The college has emerged as a leading centre for technical education producing professionally competent and socially sensitive engineers capable of working in multi-cultural and global setting. educational systems in developing countries are undergoing radical changes in ensuring both quality and social accountability. With various daunting challenges due to globalization, achieving the goal of excellence in student performance in every sphere has become arduous.

Despite the prerequisites Sreenidhi has succeeded to be at the forefront in producing IAS and IPS cadre students.

Sreenidhi has also been awarded a couple of records in the Limca Book of World Records.

Credit is to be given to the Management, the Executive Director and the Faculty for the many challenges that they have overcome and the many successes that they have achieved in the realm of technical education. Apart from academic autonomy and accountability, effective decision making imparts proper governance. In this regards, a technically sound information system can facilitate efficient decision making in the areas of academics and administration. This in turn produces students of diversified strategies to deliver optimal performance through a process of a meaningful combination of Institutional Infrastructure and Industrial needs.

The success of SREENIDHI is not without hard work nor is it a combination of management and administration but diligence in strategically combining all the faculties and facilitators.

Objectives of the study

- To identify the quality awareness among the faculty towards Internet and its sources
- To identify gender wise quality awareness among the faculty towards Internet and its resources
- Availability of Internet facility
- Types of network used in the department of Sreenidhi Institute of Science & Technology

- Purpose of using Internet
- To find out frequently used search engine
- Use of internet resources
- Use of websites
- Frequently of internet use
- Problems faced by the users while using internet.

METHODOLOGY AND DATA COLLECTION

The present study has adopted survey method for collecting the data. In order to collect the comprehensive and related data, a structured questionnaire was framed and distributed among 97 faculties, out of them 88 faculty members gave their responses of 7 engineering departments, Vaughn, MBA & Science & Humanities of Sreenidhi Institute of Science & Technology, Hyderabad. The questionnaire was formulated keeping in view the objectives and various facets of the study. The questionnaire were personally distributed and collected with constant personal pursuance. The obtained filled in questionnaire were analyzed, tabulated and logical interpreted.

RESULT AND DISCUSSIONS

1. Distribution of Response

The table No.1 shows that 07, Vaughn 01, H & S 01, & MBA 1 departments have 99 full time faculty of which 97 questionnaire were distributed and only 88 faculty members were give their responses.

RESULTS AND DISCUSSIONS

Table No.1 Distribution of Response

S.N	Name of the Deptment	Total Faculty Include in survey	Questionnaires Distributed	Response Received	Percentage
01	ECE	13	12	11	12.5
02	CSE	22	21	18	20.45
03	ECM	13	13	12	13.65
04	IT	12	12	09	10.22
05	EEE	10	10	10	11.36
06	ME	08	08	08	9.09
07	BIO – TECH	07	07	07	07.95
08	VAUGHN	05	05	05	5.68
09	MBA	05	05	05	5.55
10	H & S	04	04	04	4.55
	TOTAL	99	97	88	100

Gender Wise quality awareness among faculty towards Internet and its resource

The table No.2 and figure No 1 indicates that the male faculty members have more quality awareness toward internet and its resources than female faculty members of 10 departments of Sreenidhi Institute of Science & Technology that is 76 (83.36 %) Male 12 (13.44 %) females.

Table No.2 Gender Wise Faculty

SI No	Gender	Response	%
01	Male	76	83.36 %
02	Female	12	13.44%
03	Total	88	100%

Availability of Internet

From the table No.3 and figure No.2 it was seen that 83 (94%) respondents indicated their departments were connected to the internet and only 5 (0.6%) respondents indicated their department were not connected to the Internet.

Table No.3 Availability of Internet

Internet Facility	No of Respondent	Percentage
Yes	83	94
No	05	06
Total	88	100

Type of network used in departments of Sreenidhi Institute of Science & Technology

The table No.04 shows that all the 88 (100%) respondents indicate that in all the 10 departments has LAN net work system.

Table No.4 Types of Networks

Types of Network	No. of respondents	Percentage
LAN	88	100
WAN	00	00
MAN	00	00

Purpose of using Internet

The table No.5 observed that the purposes of using Internet by faculty, 79 (89%) Internet for E – Mai, 25 (28.40%) use for entertainment, 68 (77.27%) use for prepare assignment/seminars, 78 (88.63 %) use Internet for additional preparation for class room teaching and paper presentation, 83 (93.18%) use internet for sake of knowledge, 69

(78.40%) use internet for individual learning and 57 (64.775) use internet for carrier opportunities.

The table No.5 Purpose of using Internet

Sr No	Purpose	No. of respondents	Percentage
01	E – Mail	79	89.77
02	Entertainment	25	28.40
03	To prepare assignment / seminars	68	77.27
04	Additional Preparation to class room teaching	78	88.63
05	Preparing paper presentation	78	88.63
06	For knowledge	82	93.18
07	Individual Learning	69	78.40
08	Carrier Opportunities	57	64.77

Frequently used search engine

From the table No.6 figure No.3. it show that 88 (100%) respondents use Yahoo and Google search engine for their work among other type of search engine.

Table No.6 Frequently used search engine

Sr No	Search Engine	No. of Respondents	Percentage
01	Google	88	100
02	Yahoo	88	100
03	Alta Vista	07	07.95
04	Lycos	06	06.81
05	Info Seek	02	02.77
06	Excite	00	00.00
07	Web Crawler	02	02.27

Use of Internet sources

The Internet source which are regularly used by faculty is presented in the table 7, it shows that the first ranked source is E-Mail 88 (100 %) and last ranked source is News group that is 35 (39.77%).

Table No.7 Use of Internet source

Sr No	Internet Resources	No. of Respondents	Percentage
01	E –Mail	88	100
02	Internet Search Engine	76	86.36
03	www. Resources	83	94.31
04	Online database	65	73.86
05	Down loading	48	54.54
06	Electronic Journal	52	89.09
07	News Group	35	39.77
08	Gopher	00	00.00
09	Mailing List	42	47.72

Use of Web – sites

The table No.08 and figure No.4 depicted that majority of Faculties preferred Geogle web – site that is 85 (96.59%). While 84 (95.45%) faculties preferred Yahoo.com web site and 20 (22.72) Faculties preferred other websites.

Table No. 8 Use of web – sites

Sr No	Name of Web – Sites	No. of respondents	Percentage
01	Yahoo.Com	84	95.45
02	Geogle.com	85	96.59
03	Dig Pile	01	01.13
04	Others	20	22.72

Frequency of Internet use

The table No.9 observed that most of the faculty members used Internet daily that is 81 (92.04%) and 2 (2.27 %) faculty members used Internet once in a week and 5 (5.68%) faculty members used Internet 2-3 times in a week.

Table No. 09 Frequency of Internet Use

Sr. No	Frequency of Internet	No. of respondents	Percentage
01	Daily	81	92.04
02	Once in a week	02	02.27
03	2-3 times in a week	05	05.68
04	Once in a month	00	00

Problems faced by the faculty members while using Internet

The table No.10 observed that the majority of faculty member faced the various problems while using the Internet like, slow access speed, system hung – up , power failure, retrieval of unwanted pages but the majority of faculty member that is 67 ((76.13%) faced the problem of virus effected.

Table No.10 Problem faced by the faculty members while using Internet

Sr No.	Constraints respondents	No. of %	Percentage
01	Retrieval of unwanted pages	22	25.00
02	Problem of URL	16	18.18
03	Slow access speed	65	73.86
04	System hang – up	30	34.09
05	Virus effected	67	76.13
06	Power failure	53	60.22
07	Lack of proper training	09	10.22
08	Others	00	00.00

Conclusion

On the basis of responses received from faculties of engineering departments of Sreenidhi Institute of Science & Technology, Hyderabad. We concluded that in the total 10 departments there were 99 full time faculty member, in the male and its, resources is more that female faculty members that is 76 (83.36%) , 83 (94%) faculty members were said the internet facility is available in their departments, the LAN network system is used in total 10 departments, 79 (89.77%) faculty members used the internet for e-mail service, Google and Yahoo are the most preferred search engines by the 88 (100%) faculty members of 10 departments of Sreenidhi Institute of Science & Technology. The (100.00%) faculty members of 10 departments of Sreenidhi Institute of Science & Technology , the (100%) faculty members used the e-mail service of Internet, Google is the first ranked web – site used by 85 (95.59%) faculty members, 81 (92.04%) faculty members used the internet daily, while using the Internet various problems were arises the majority of problem is faced by the faculty is the virus problem.

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