

A Study On Study Habits Of Engineering Students

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Abstract: The investigation has been undertaken in order to study the study habits of Engineering students and to check whether there is any significant difference in study habits of male and female Engineering students and also to find out whether there is any significant difference in study habits of Engineering students studying in Govt. and private management of Jorhat district. A representative sample of 200 Engineering students for this purpose have been selected by using simple random sampling techniques. Descriptive survey method has been used for the present study. Self made questionnaire made by the investigator was used to collect data. Simple percentage, t-test statistical technique was used to analysis the collected data. It has been found from the study that Engineering students have a good habit of study. They read magazines/journals which is related to their course content and help for the development of their career and also suit their interest. They surf internet for different purpose including educational. They also prefer to read books on various items i.e novel, poem, short stories, books on science and technology etc. The study indicate that female Engineering students acquire good habit of study and the Engineering students studying in private management has a better habit of study than the Engineering students study in Govt. management.

Keywords :- *study habits, Engineering students, male, female, management*

1. INTRODUCTION

Habits are the basics of ones success or may be downfall. Habits makes it possible for us to do things without spending much mental effort. One of the important habit of human being in the modern era is study habit. Study habit is acquired by putting some effort as it is not naturally gained and it should be developed at early stage of life-at the childhood stage. Study habit include home environment and planning of work, reading and note taking habits, planning of subjects, habits of concentration preparation, general habit and attitudes, school environment (Patel 1976). Good study habits help the students in critical reflection in skills outcomes such as selecting, analyzing, critiquing and synthesizing (Fielden 2004). Study habits shapes personality, intellectually of a person and helping him to become an educated, civilized person of the society. As such good study habits are considered necessary for successful professional and personal life. A poor study habit must likely to have negative image. Study habit is the way a student plan and execute his study. One cannot be said as student if he has no habit of study. Study habit may be systematic or unsystematic, efficient or inefficient. A good study habit is not only important for higher academic achievement but also an important tool for their fruitful use of leisure time.

Need And Significance Of The Study

Most of the studies indicate that study habit among students is declined day by day. Most students prefer readymade notes available in market to score good marks without judging the quality of study materials. Only a few students prepare their own notes for examination. To increase general knowledge they do not study much. Engineering is a tough course. To complete this course successfully one must have very good study habits. To survive in this present competitive technologically advanced world one must have a very good habit of study. One should read other books also along with course related to gain more and more knowledge. Thus, the investigator select this area as a research problem.

Objectives Of The Study

1. To find out the study habits of Engineering students.
2. To find out whether there is any significant difference in study habits of male and female Engineering students.
3. To check whether there is any significant difference in study habits of Engineering students studying in Govt. and private management.

Hypotheses Of The Study

HO₁ : There is no significant difference in study habits of male and female Engineering students.

HO₂: There is no significant difference in study habits of Engineering students studying in Govt. and

Private management.

Delimitation Of The Study

The study is delimited to selected Engineering colleges of Jorhat District of Assam. The study is confined to 1st, 2nd 3rd and 4th semester students of Engineering colleges and it include both male and female Engineering students studying in Govt. and private management.

2. METHODOLOGY

The nature and purpose of the study demand descriptive survey method. So the researcher had adopted descriptive survey method to conduct the present study.

Simple random sampling was adopted for the present study. A sample of 200 Engineering students (male and female) were taken for the study. Self made questionnaire made by the investigator was used as a tool to collect the data. Simple percentage ,t-test as a statistical technique have been used to analysis the collected data.

Analysis Of Data

Objective no 1 : To find out the study habits of Engineering students.

Table no : 1.1 Study Habit (General)

Sl no	No. of items	Total number of students	Response in percentage (%)				
			Morning	Afternoon	Evening	Night	Mid-night
1.	Time prefer to study.	200	22.52%	0	4.45%	73%	12.5%

2.	Prefer reading in.....	200	Individually	Group	Both	
			74.8%	23.5%	7.6%	
3.	Habit of going to library.	200	Daily	Occasionally	Often	
			23%	44.2%	38%	
4.	Magazines/journals used to read regularly.	200	Course related	Career development	Interest	
			55%	80%	87.5%	
5.	Use of internet for different purpose.	200	Educational purpose	News	e-mail	Any other
			91.7	40.3%	76%	79.5%

The item no 1. Of table 1.1 shows that 22.52% students prefer to study in morning. No student prefer to study in afternoon. In evening, night and mid-night 4.45%, 73% and 12.5% students prefer to study.

The above table 1.1 in item no 2. Showed that 74.8% students prefer reading individually and 23.5% students prefer reading in group. 7.6% students prefer reading in both individually and group.

Item no 3. Of table 1.1 shows that 23% students have habit of going to library daily. 44.2% and 38% students have habit of going to library occasionally and often.

Item no 4. Of table 1.1 shows that 55% students used to read regularly the magazines/journals which are related to their course. 80% students read magazines/journals for their career development. 87.5% students read their interesting magazines/journals.

The above table 1.1 in item no 5 shows that 91.7% students used internet for educational purpose, 40.3% used for news and 76% used for send e-mail to distance friend. 79.5% students used internet for various purpose like for entertainment, social media and to see the horoscope etc.

Table no : 1.2 Type of book read more

Sl no	No of items	Total no of students	Yes	Percentage	No	Percentage
i.	Novel	200	110	55%	90	45%
ii.	Poem	200	85	42.5%	115	57.5%
iii.	Epics	200	75	37.5%	125	62.5%
iv.	Short stories	200	125	62.5%	75	37.5%
v.	Love stories	200	110	55%	90	45%
vi.	Biographies	200	50	25%	150	75%
Vii	Books on science and technology	200	170	85%	30	15%

Table no 1.2 shows that among 200 Engineering students 110 students like to read novel, 85 like poem, 75 like to read epics, 125 like short stories, 110 like love stories, 50 like biographies and 170 like to read books on science and technology.

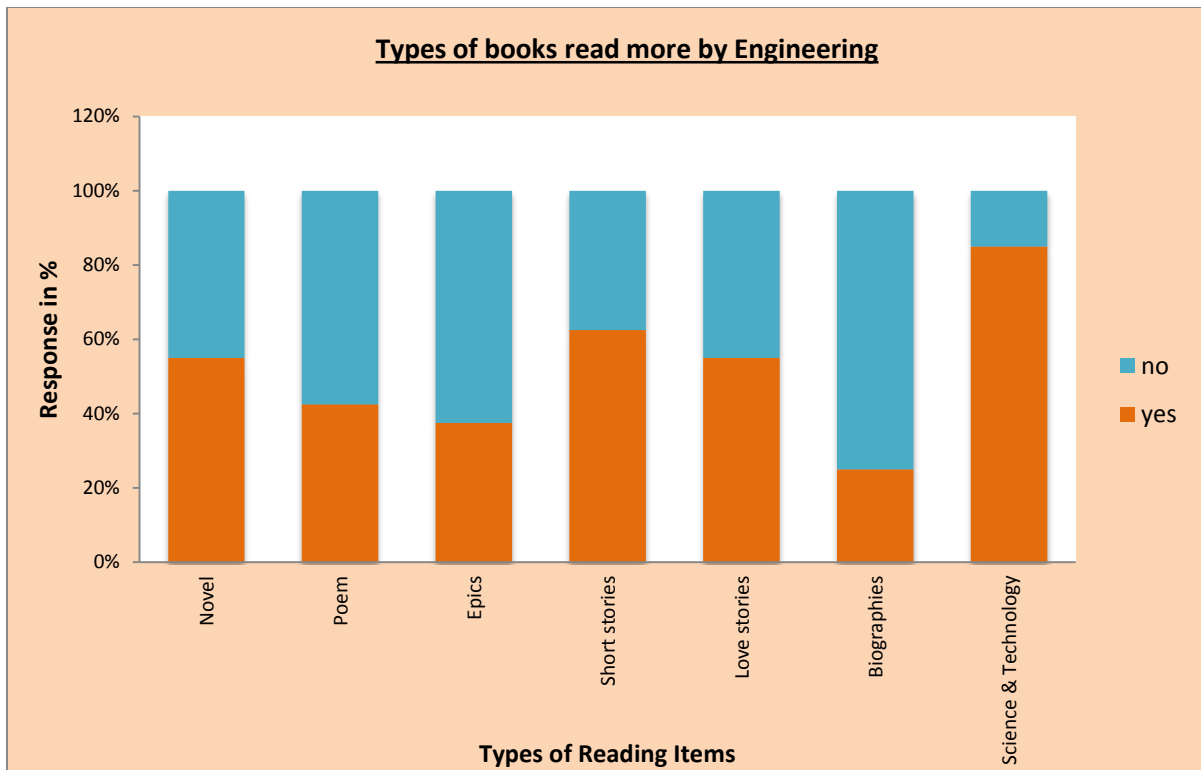


fig : 1 Graphical representation of Table 1.2 (Types of Books Read By Engineering Students)

Objective 2 : There is no significant difference in Study Habits of male and female Engineering students.

Table 2.1 t-test showing difference in the Mean scores of study habits of male and female Engineering students.

No	Gender	No of students	Mean	SD	t-value	Level of significance
Ho ₁	Male	90	91.50	14.73	.213	Ns.
	Female	110	92.65	11.89		

From the table 2.1 it is seen that the male Engineering students mean is 91.50 and female Engineering Students mean is 92.65 and the calculated 't' value is .213 which is less than the table value at .01 level. Hence, the null hypotheses is not rejected at any level of significance. It means that the difference between two mean is not significant. The mean female Engineering students is higher than mean male Engineering students.

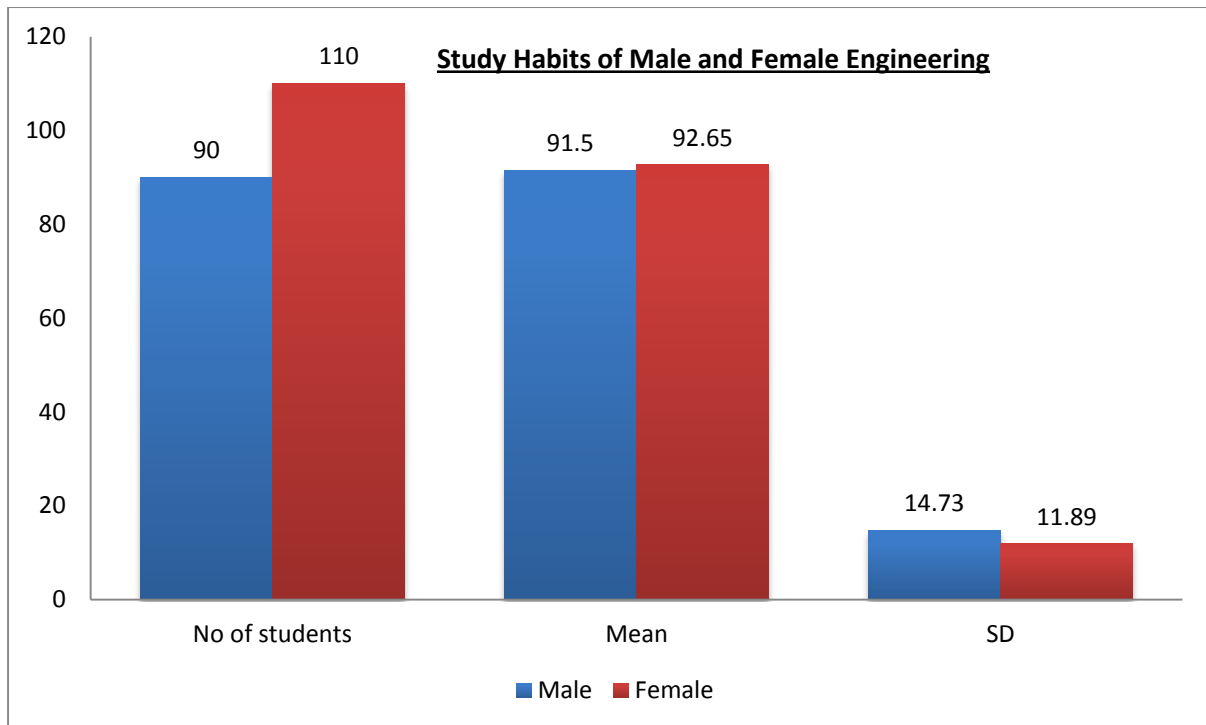


fig : 2 Graphical representation of Table 2.1 (Study Habits of Male and Female Engineering Students)

Objective 3 : There is no significant difference in Study Habits of Engineering students studying in Govt. and private management.

Table 3.1 t-test showing difference in the Mean scores of study habits of Engineering students studying in Govt. and private management.

No	Management	No of students	Mean	SD	t-value	Level of significance
Ho ₂	Govt.	120	90.30	11.33	1	Ns.
	Private	80	94.75	13.54		

From the table 3.1 it is seen that the Engineering students studying in govt. management mean is 90.30 and the Engineering Students studying in private management mean is 94.75 and the calculated 't' value is 1 which is less than the table value at .01 level. Hence, the null hypotheses is not rejected at any level of significance. It means that the difference between two mean is not significant. The mean Engineering students studying in private management is higher than the mean of Engineering students studying in Govt. management.

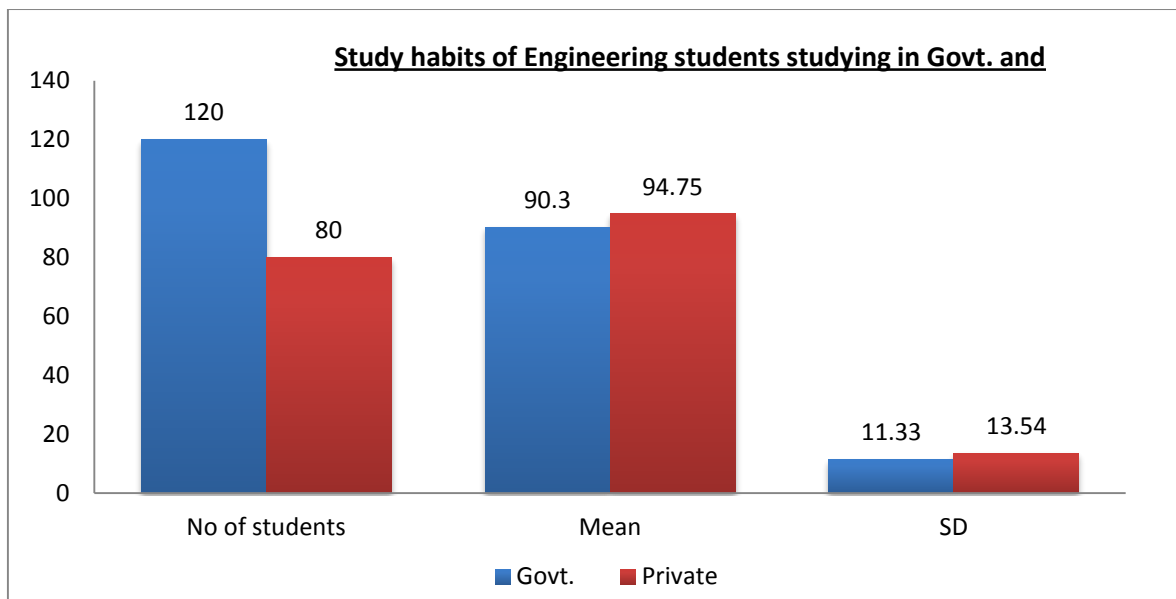


fig : 3 Graphical representation of Table 3.1 (Study habits of Engineering students studying in Govt. and private management)

3. RESULT AND DISCUSSION

On the basis of the results available from the analysis and interpretation of data the study indicates that different Engineering students prefer different time schedules for study i.e. Morning, evening, night and mid-night. Both male and female Engineering students more prefer night time for study. One of the possible reason for this may be as the classes of Engineering colleges starts at morning (i.e 7/8a.m) so they may not get much time for study in the morning. It also found from the study that some Engineering students prefer group study and some prefer individual study, Where as some Engineering students prefer both individual and group study. It may be because of the competitive mind set of the Engineering students they prefer individual study more. The Engineering students have habit of going to library. Some went daily, some went occasionally and some visit the library often. But the percentage of students visiting library is not much satisfactory. In this present era of internet one can find almost everything in their own laptop, smart phone, so the percentage of visiting library may not be satisfactory. The result also shows that the students prefer to read magazines/journals which are helpful for their career development as well as related to their course content and suit their interest. Most of the Engineering students prefer to read journal/magazines which suit their interest. Well it is a psychological reason that one give attention and interest on the things that suit their interest. One also love and enjoy to read their interested items. The study reveals that the use of internet for different purpose including educational is growing among students. Both male and female Engineering students surf internet to fulfill their educational purpose. Beside this they also surf internet to check e-mail, for news and for other purpose. The percentage of Engineering students surf internet for other purpose is higher. It may be happen because digital reading is more popular and use of social media is very high now-a-days. Most of the students like to read blogs, online journal, articles etc. and are connected with various social media.

Among different types of book, it is found from the present study that most of the Engineering students are inclined towards reading novel, short stories, poem, love stories, books on science and technology etc. The study shows that Engineering students more prefer to

read the books on science and technology compare to books on other items. It is because engineering is a technological course and one may select this course according to their own interest. Engineering students also read novel and poem. From the study it has been found that Engineering students also like to read short stories and love stories. The study indicate that Engineering students don't prefer more to read epics and bibliography. Only a few Engineering students read this kind of items. One of the possible reason for this may be they like innovative items compare to value added items. The study indicate that Study habits of female Engineering students is slightly better than that of male Engineering students. It may be because female students are more serious than male students so female students acquire good habit of study. It is also found from the study that study habits of Engineering students studying in private management is better than the Engineering students studying in Govt. management. One of the possible reason for this may be strict rules and regulation and discipline policy of private management.

4. CONCLUSION

A good reader is a good property for the society. A definite study habit pattern of the students have contribute in a big way to their success in academic and professional field, it also prosper in the development of one's proper intellectual capacities. It has been found from the study that Engineering students have a good habit of study, they prefer to read books on various items. . But may be due to digitalization they prefer digital reading rather than tradition reading. Value education is also important to handle life peacefully. It has been found from the present study that Engineering students did not prefer more to read value added items. Thus. It can be conclude by saying that steps should be taken to enhance the study habit and, should include value education in course content and also try to popularized traditional reading for better academic as all as over all performance.

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AUTHORS PROFILE



Dr. Pallabi Mali
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As a specialised subject the Author is interested in Psychology. The special interest of the author is to study on the burning problems of psychology which are not given much importance in our educational system as well as in the society. Author is also interested in primary field investigation to investigate about adjustmental problems of human being. The study may help some extent to the planner and administrator to include new plan, programme and policy in the present system of education. It may also help to the educationist and research scholar to do their research work.