



CHAPTER-IV
DATA ANALYSIS AND
INTERPRETATION

CHAPTER – 4

ANALYSIS OF DATA AND INTERPRETATION

4.0 OVERVIEW

In this chapter researcher presented the problem and its importance. In addition researcher formulated objectives of the study and brought out limitations of the studies. In the second chapter researcher reviewed the research literature of related research studies. Third chapter dealt with methodology of the research study. In this all important fourth chapter, researcher presents analysis and interprets research data. As the research study has one dimension, i.e. impact, findings are organized according to each question

Table 4.1 Showing percentage (%) for each item related to behavior

S.no.	Item	Always	Sometimes	Rarely	Never
1	You check your cell phone during teaching and learning	28	65	4	3
2	Feel irritation when someone talks you while using the phone	9	20	29	42
3	Bring your phone to school	1	2	20	77
4	When parents don't allow the use of phone, you obey them	38	50	8	4
5	Forward or share the message as you received	30	36	24	10
6	Using smart phone	57	35	8	0
7	Mobile phone having data plan	70	25	5	0
8	Feeling proud having costly mobile phone	2	2	11	85
9	Liking loneliness	4	25	0	71
10	Sharing mobile phone with family members	28	50	20	2
11	Mobile phone affects peer relations	0	25	25	50

12	Mobile phone decreases sleeping time	Yes	No	Can't say	None of these
		40	45	15	0

13	Student like to prefer	Spend time with friends	Spend time with mobile	Both a and b	None of these
		53	12	35	0

14	You feel when you don't have your smart phone with you	Feeling of anxiety	Feel good	Feel irritation	Can't say
		2	80	0	18

15	You like the environment of	Social networking site	Group of friends	With family	All of these
		5	50	20	25

It can be visualized from table 4.1

65% of students sometimes check their mobile phone and 7% of students never check or rarely check, on item "you check your cell phone while teaching and learning" this reveals that majority of students are not in the habit of checking their phone always.

Similarly, 42% students never feel irritation while someone talks to them while they using the phone whereas 29% students rarely felt irritation on item, " you feel irritation when someone talks you while using the phone" this reveals that majority of student not get annoyed when some one talks with them while using a phone.

The school students are aware regarding rules and regulations of the school since 77% students don't bring phone to school when they asked item, " youbring your phone to school".

57% students always used their smart phone and 35% says that, sometimes they used it, it shows that majority of students used their smart phone, on item, "you use smart phone".

On item " you feel proud having costly mobile phone", 85% student says they never felt proud on their costly mobile phone this reveals that majority of students don't feel superior to others in case of having costly smart phone.

71% students like the company of others when they answered on item, "you like loneliness". Similarly 53% students says that they want to spend the time with their

friends and 35% student says that they would prefer both i.e. spending time with friends and their mobile, on item, “students like to prefer”.this reveals that majority is inclined towards the company of friends.

80% of students say that they feel good when asked item, “you feel when you don’t have smart phone with you”; this shows they are not addicted to their mobiles.

Table 4.2 Showing percentage (%) for each item related to studies

S.no.	Item	Always	Sometimes	Rarely	Never
16	You use smart phone while study	63	25	10	2
17	Mobile phone distract you from your homework	60	20	10	10
18	Using phone for dictionary and for calculation	70	20	5	5
19	Mobile phone affect your study habits	40	42	12	6
20	Calls/messages received just before study impact on your ability to concentrate	53	28	12	7
21	You prefer preparation of studies from YouTube video	40	26	20	14

22	You use mobile phone for	Study	Games	internet	All of these
		12	6	34	48

23	You mostly use the resource for study	internet	Text book	Reference book	All of these
		6	25	7	62

24	You would not do your homework because of	Mobile phone	Other reason	Domestic work	Playing games
		23	75	0	2

25	While doing assignment you prefer	Library	Text books with reference books	Text books only	internet
		5	5	20	70

26	Type of study you like to prefer	Classroom with virtual friends	Group study with friends	Both a and b	None of these
		2	60	3	35

27	Time spend on the phone while examination are going on	1-2 hour	2-3 hour	3-4 hour	More than 4 hour
		86	13	1	0

28	Primary purpose for using internet	Browsing WWW	e-mails	Using online app	For study
		10	3	10	77

It can be visualized from table 4.2

63% of students always use smart phone while study on item, “you use your smart phone while study” whereas 60% students considers that mobile phone distract them from their home work on item, “A mobile phone distract you from your homework”.

70% students use their phone for dictionary and for calculation when they asked, “you use phone for dictionary and for calculation”.

This shows that the majority of students solved their queries regarding thesaurus and calculation from their mobile phones.

Similarly, 62% students mostly used the resources for study are the combination of all of these i.e. internet, textbooks and reference books as can be seen in item, “You mostly use the resource for study”. In item, “while doing assignment you prefer” 70% answered internet;

It implies that there is the inclination towards internet while they are doing their studies and completing their assignments.

60% of students did group study with their friends on item “type of study you like to prefer”. Similarly the primary purpose for using internet is study, 77% of students said on item “primary purpose of using internet”.

It shows that majority likes group study and their main concern of using internet is study

Table 4.3 Showing percentage (%) for each item related to achievement

	Item	Always	Sometimes	Rarely	Never
29	Taking help from internet while participating in cultural activities	38	42	10	10
30	You think that mobile phone is responsible for low academic performance	38	14	10	38
31	Smart phone is a disturbing element in any type of achievement	30	30	5	35
32	Student who uses mobile phone are smart	0	2	10	88

33	Current average in school	50-59 per	60-69 per	70-79 per	80 per or higher
		3	32	55	10

It can be visualized from table 4.3

That 88% students says that it is not necessary that the student who uses mobile phone are smart on item “student who uses mobile phone are smart”.

A equal response came in item “you think that mobile phone is responsible for low academic performance” 38% says always and 38% says never.

55% of students have their current average in their school performance is lies in between 70 percentage - 79 percentage, 32% students lies at 60-69 per and 10% of students got 80 per or more than 80 per when they asked “Current average in school”.

It reveals that the students are good at their studies, and they paid attention to it sincerely, their learning achievement is above average, they maintained consistency in performance.

Table 4.4 Showing percentage (%) for each item related to other aspects

S.no.	Item	Always	Sometimes	Rarely	Never
34	Spending time (1-2) hrs on online games	20	27	18	35
35	Your parents scolds you while using the phone	25	30	25	20
36	Mobile phone decreases your creativity, since all material is available on it	12	18	27	43
37	Your phone distracts you while playing sports	7	3	20	70
38	Feel headache or any problem while using phone maximum	4	20	36	40
39	Mobile phone affect your food habits	0	4	14	82

40	You have been using mobile phone since	Less than one year	2-3 years	1-2 years	More than 5 years
		4	36	60	0

41	The best activity is	Book reading	Web surfing	News paper reading	None of these
		10	40	50	0

42	Form of media you like most for news	Websites	Television	Newspaper	magazines
		30	47	20	3

43	You check your phone per hour	1-10 times	11-20 times	21-30 times	Don't check
		45	0	0	55

44	Number of virtual friends	20-30	30-50	More than 50	none
		48	20	2	30

45	Number of account on social networking site	Only one account	Two	Three	Four
		92	5	3	0

46	You use your phone maximum for	Social media	Texting	Calling	All of these
		14	0	4	82

47	You like most	Mobile games	Outdoor games	Both a and b	None of these
		0	78	22	0

48	Type of language you use while sending messages	Full proper language	Short form of words	Using smiley	Can't say
		5	77	10	8

49	Student who stands first they don't use mobile	yes	no	Can't say	none
		0	89	11	0

50. Mobile phone is helpful or the barrier in your study

It can be visualized from table 4.4

In item "your phone distracts you while playing sports" 70% students says they never got distracted

82% of students says that their food habits never been affected by mobile phone on item "mobile affect your food habits".

60% of students using mobile phone from 1-2 years when they asked, "you have been using mobile phone since".

50% of students prefer news paper reading on item "best activity is" whereas 47% of students like the form of media for news is television when a question was put, "form of media you like most for news".

55% of students don't check their phone per hour on item "you check your phone per hour". 92%of students had only one account on social networking site for item "number of account on social networking site".

A mobile phone has been used by students for social media, texting and calling which is responded by 82% of students for item "you use your phone maximum for".

78% of students love to play outdoor games in item "you like most", whereas 77% of students write their messages on social media in short form of words for item "type of language you use while sending messages".

From all the items it has been observed that majority of students are conscious regarding their health and social aspects, they love to play outdoor games, they are not adversely active at social media and they maintained their social equilibrium.

Majority of students feel that mobile phone is very useful for educational purpose; it is helpful for their studies, however some students felt that it's depend on individual perspective that how someone is using mobile phone in a positive manner or in a negative way, they are highly aware of its advantages and disadvantages