THE IMPACT OF MOBILE PHONE USE ON SUCCESS IN HIGHER EDUCATION PROCESS OF COVID-19 SITUATION IN STATE OF WEST BENGAL

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ABSTRACT:

The subject of our research is the impact of Mobile Phone use on success in the higher education process of the COVID-19 situation in the State of West Bengal. The three objectives we have studied are- to know the impact of mobile phone use on success in the higher education process in the present situation, to know about the positive effects of mobile phone use on success in the higher education process in the present situation, to know about the negative effects of mobile phone use on success in the higher education process in the present situation. The results I obtained through the online Questionnaire through Google From and Pre-structured interview are –1. In Higher Education level 98.5% of students continue the study by Online class by using Mobile Phone. Only 1.5% of students use another device to continue the study through Online class. 2. In Higher Education level 49.5% of students are ' Strongly Agree', 43.6% of students are ' Agree' and 6.9% of students are ' Neutral' with the thought that their study would be hampered if there is no Mobile Phone in the present situation. 3. In the Higher Education level, 14.4% of students are ' Strongly Agree', 45.5% of students are ' Agree', 26.2% of students are ' Neutral', 10.9% of students are ' Disagree' and 3% of students are ' Strongly Agree' with the thought that the development of the higher study is increased with the help of Mobile Phone. 4. In Higher Education 23.3% of students are ' Strongly Agree', 54% of students are ' Agree', 18.3% of students are ' Neutral', 3.9% of students are ' Disagree' and 0.5% of students are ' Strongly Agree' with the thought that all the students should use Mobile Phone in higher study. 5. At the Higher Education level, 24.3% of students are ' Strongly Agree', 48% of students are ' Agree', 20.3% of students are ' Neutral', 6.9% of students are ' Disagree' and 0.5% of students are ' Strongly Disagree' with the thought that the students are being hampered physically and mentally with the excessive use of Mobile Phone in Present Time.

Keywords: Mobile Phone, Mobile Learning & Higher Education

INTRODUCTION:

In the current pandemic condition of COVID-19, the usage of mobile phone has been increased heavily. Due to the close of different educational institutions in the COVID-19 pandemic, the students have been maintaining the regularity of their higher study depending on Mobile Phone. In the current pandemic of COVID-19, the students are getting a chance of Self-study, Group Discussion, Online Class, Online Video Conference Call, Massage, Webinar, Online Conference, WhatsApp Media, Social Media, Online Exam, Online VIVA-VOCE at home or any places with the help of Mobile Phone. At earlier times, Mobile Phone was limited with Calling, Call Receiving, Messaging, Message Reading etc. But in present time Mobile Phone is not limited as a medium of

communication for the development of present technology. With the help of it, different pieces of information regarding learning can be sent to others and can also be received from anyone.

Mobile Learning means the Teaching or Learning system is continued with the help of a Mobile Phone. Mobile phone, tablet or PDA are used in the education system through Mobile. As a result, the students can continue their learning process at their homes or any places instead of going to the educational institutions. "Mobile learning involves the use of mobile technology, either alone or in combination with other information and communication technology (ICT), to enable learning anytime and anywhere. Learning can unfold in a variety of ways: people can use mobile devices to access educational resources, connect with others, or create content, both inside and outside classrooms. Mobile learning also encompasses efforts to support broad educational goals such as the effective administration of school systems and improved communication between schools and families (UNESCO)."

RESEARCH OBJECTIVES OF THE STUDY:

The objectives of the present study are :

1. To know the impact of mobile phone use on success in the higher education process in the present situation.
2. To know about the positive effects of mobile phone use on success in the higher education process in the present situation.
3. To know about the negative effects of mobile phone use on success in the higher education process in the present situation.

OPERATIONAL DEFINITION OF THE STUDY:

• Mobile Phone :

A mobile phone, cellular phone, cell phone, cellphone, handphone, or handphone, sometimes shortened to simply mobile, cell or just phone, is a portable telephone that can make and receive calls over a radio frequency link while the user is moving within a telephone service area.

• Mobile Learning :

Mobile Learning means the Teaching or Learning system is continued with the help of a Mobile Phone. Mobile phone, tablet or PDA are used in the education system through Mobile. As a result, the students can continue their learning process at their homes or any places instead of going to the educational institutions.

RESEARCH METHODOLOGY :

A brief description of the methodology of the study has been presented below:

Research Design :

The qualitative research method has been used for the impact of Mobile phone use on success in the higher education process of the COVID-19 situation in the State of West Bengal.

Tools and Techniques of data collection :

All the relevant data in this research paper has been collected from Higher Education level students. Data are collected from respondents by using an online Questionnaire through Google From and Pre- structured Interview.

Population:

The population of the study is all Higher Education level Students in West Bengal.

Sample:

The total number of the sample is 202 Higher Education level Students.

Sampling Technique:

I have used Non- Probability Sampling - Purposive Sampling technique.

DELIMITATION OF THE STUDY:

The major limitations of the study are:

1. This research will be conducted with 202 numbers of Higher Education Level Student.
2. This research is delimited with in the area in the State of West Bengal.

SIGNIFICANCE OF THE STUDY :

1. In the present time, it is possible to apply this research to learn about the impact of mobile phone use on success in higher education.
2. This study can be applied to learn about the positive effects of mobile phone use on success in the higher education process in the present situation.
3. This study can be applied to learn about the negative effects of mobile phone use on success in the higher education process in the present situation.

RESULTS & FINDINGS:

In the present COVID-19 situation the usefulness of Mobile Phone in the success of higher study – Regarding the study of this matter, I have got few results like –

1. At the Higher Education level, there is 84.7% of students have 4G smartphone. But there is 15.3% of students do not have any 4G smartphone.
2. In Higher Education level there is 62.9% of students whose smartphones have an Internet connection for all time. But there is 37.1% of students whose smartphone do not have an Internet connection at all time.
3. In Higher Education level 58.9% of students face a money problem to recharge their Mobile Phone with Internet pack. But 41.1% of students do not face with money problem to recharge with Internet pack.

• **Positive Effects of Mobile Phone use on Success in Higher Education Process in the Present Situation :**

1. In Higher Education level 98.5% of students continue to study with the help of Mobile Phone. Only 1.5% of students do not continue study with the help of Mobile Phone.
2. At the Higher Educational level, 40.1% of students continue to study 3-4 hours, 35.1% of students continue to study for 1-2 hours, 19.3% of students continue to study for 5-6 hours, 4% of students continue to study for 7-8 hours and 1.5% of students continue to study for 0-1 hours with the help of Mobile Phone daily.

3. In Higher Education level most of the students continue time to spend for 6-7 hours (average) with the help of Mobile Phone.

4. In Higher Education level 96.5% of students continue the study by Google Search in Mobile Phone. But 3.5% of students do not continue the study by Google Search through Mobile Phone.

5. In Higher Education level 93.1% of students continue study offline by making PDF File. Only 6.9% of students do not continue the study offline by making PDF File on Mobile Phone.

6. In Higher Education level 78.7% of students continue to study with Group Discussion by using Mobile Phone. But 21.3% of students do not continue study with Group Discussion by using Mobile Phone.

7. In Higher Education level 98.5% of students continue the study by Online class by using Mobile Phone. Only 1.5% of students use another device to continue the study through Online class.

8. In Higher Education level 49.5% of students are ' Strongly Agree', 43.6% of students are ' Agree' and 6.9% of students are ' Neutral' with the thought that their study would be hampered if there is no Mobile Phone in the present situation.

9. At the Higher Education level, 14.4% of students are ' Strongly Agree', 45.5% of students are ' Agree', 26.2% of students are ' Neutral', 10.9% of students are ' Disagree' and 3% of students are ' Strongly Agree' with the thought that the development of the higher study is increased with the help of Mobile Phone.

10. In Higher Education 23.3% of students are ' Strongly Agree', 54% of students are ' Agree', 18.3% of students are ' Neutral', 3.9% of students are ' Disagree' and 0.5% of students are ' Strongly Agree' with the thought that all the students should use Mobile Phone in higher study.

11. In Higher Education level 6.9% of students are ' Strongly Agree', 18.8% of students are ' Agree', 26.7% of students are ' Neutral', 40.6% of students are ' Disagree' and 6.9% of students are ' Strongly Disagree' with the thought that the development of the higher study is being decreased with the help of Mobile Phone.

• **Negative Effects of Mobile Phone use on Success in Higher Education Process in the Present Situation :**

1. In Higher Education level there is 52% of students who face with few problems to continue Online class in Mobile Phone. But 48% of students do not face any problem in Online class.

2. In Higher Education level 42.6% of students can not provide Feedback easily during online class on Mobile Phone. But 57.4 % of students can provide Feedback easily during online class on Mobile Phone.

3. In Higher Education level 66.3% of students think that their relationship with the classmates is being decreased for continuing class through mobile Phone at home.

4. At the Higher Education level, 27.7% of students are ' Strongly Agree', 61.4% of students are ' Agree', 9.4% of students are 'Neutral', 1.5% of students are ' Disagree' with the thought that they are being dependent very much with the Technology for the continuing class through Mobile Phone.

5. At the Higher Education level, 48.5% of students are not being able to complete their online class with the limited Net Pack.

6. In Higher Education level 39.6% of students face the problem of appearing in Online Paper-Based Open Book Exam by using Mobile Phone.

7. At the Higher Education level, 24.3% of students are ' Strongly Agree', 48% of students are ' Agree', 20.3% of students are ' Neutral', 6.9% of students are ' Disagree' and 0.5% of students are ' Strongly Disagree' with the thought that the students are being hampered physically and mentally with the excessive use of Mobile Phone in Present Time.

8. At the Higher Education level, 40.1% of students are ' Strongly Agree', 45% of students are ' Agree', 8.4% of students are ' Neutral', 5.9% of students are ' Disagree' and 0.6% of students are ' Strongly Disagree' with the thought that their eyes are being hampered with the use of Mobile Phone.

9. In the Higher Education level, 14.9% of students are ' Strongly Agree', 38.6% of students are ' Agree', 28.2% of students are ' Neutral', 15.3% of students are ' Disagree' and 3% of students are ' Strongly Disagree' with the thought that their study is being hampered for the excessive use of Mobile Phone.

10. At the Higher Education level, 23.8% of students misuse their Mobile Phone.

DISCUSSION :

The important information that we got after doing this study is mentioned in the following graphical presentation-

Figure 1:Distribution of Samples: Gender basis-

Figure 2: Distribution of Samples: Geographical area basis-

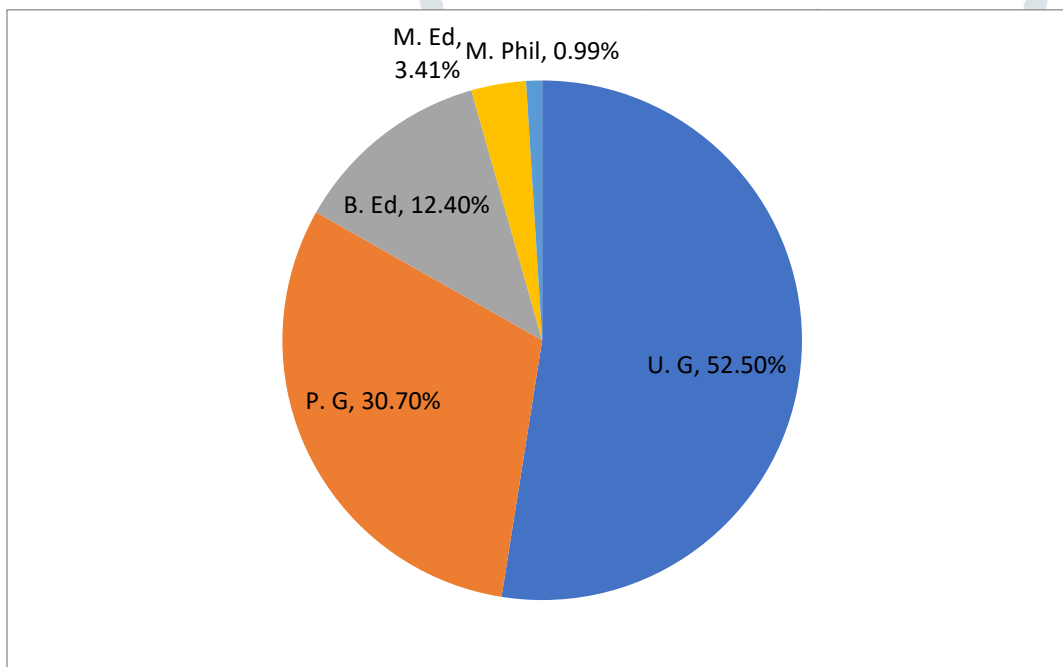Figure 3: Distribution of Samples: Class basis –

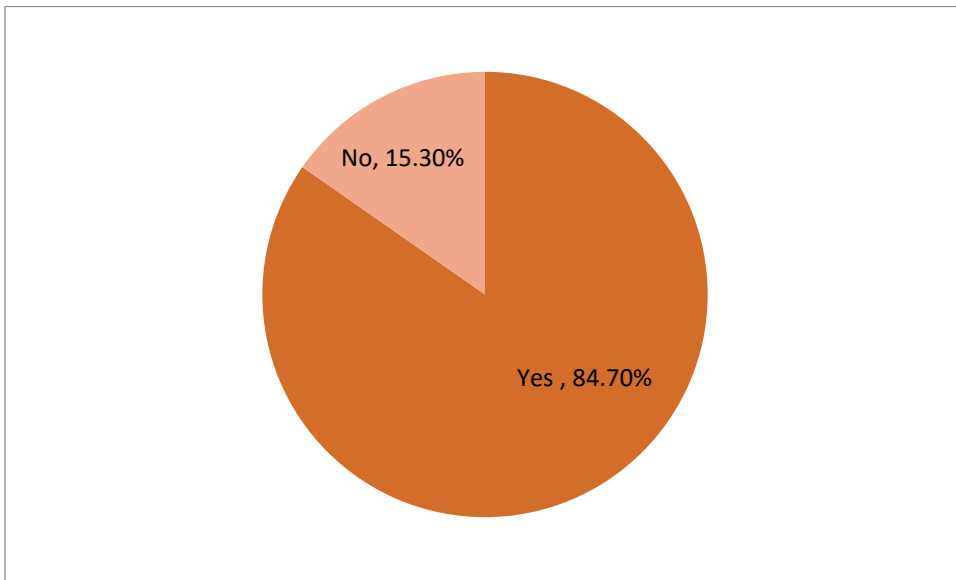Figure 4: Do you have a good quality 4G SmartPhone?

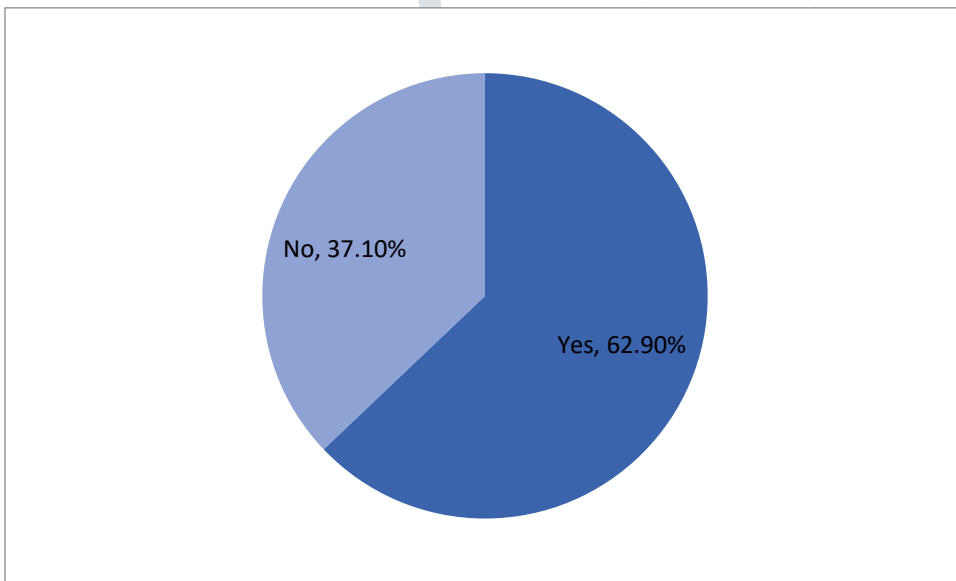Figure 5: Do you always have an internet connection on your smartphone?

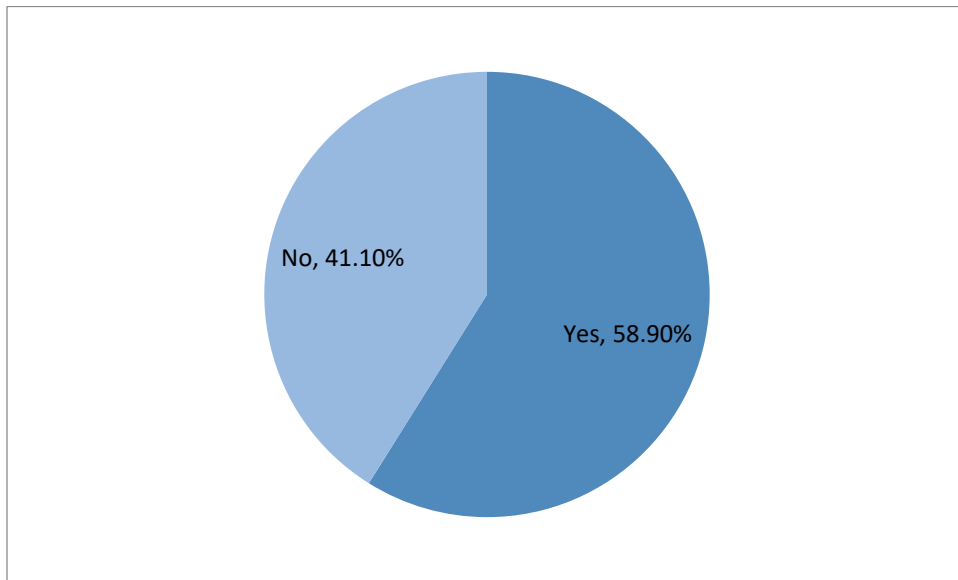Figure 6: Problems with money to recharge your mobile phone?

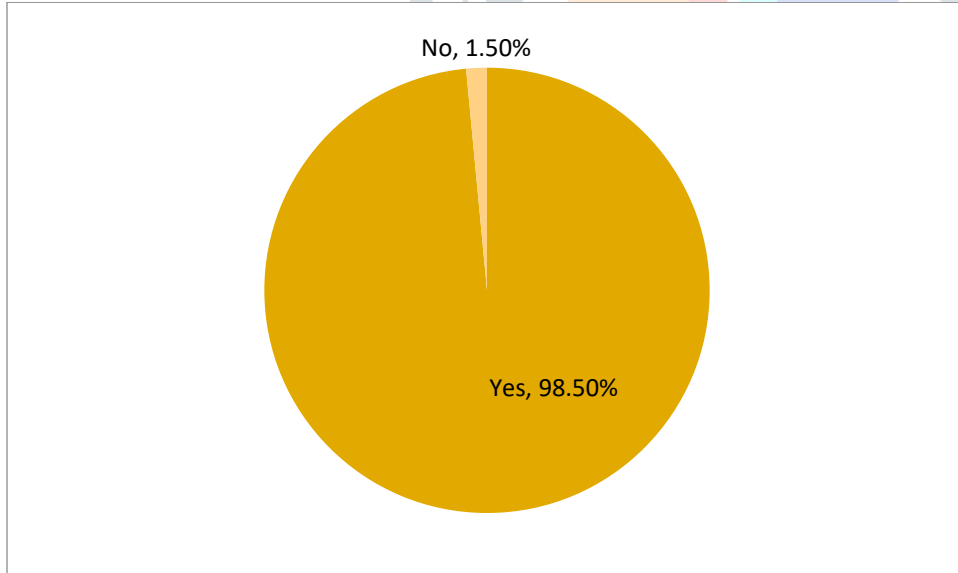Figure 7: Do you do ONLINE CLASS using a mobile phone?

Figure 8: Do you think that in the present situation, without a mobile phone, your studies would have suffered a lot?
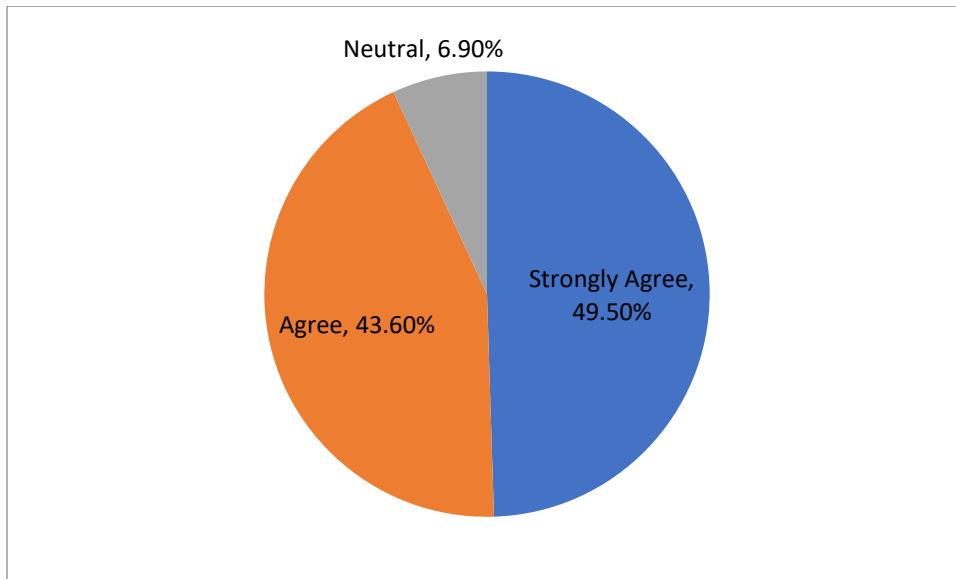
Neutral, 6.90%
Strongly Agree, 49.50%
Agree, 43.60%

Figure 9: Do you think using mobile phones is advancing your higher education?

Strongly Disagree, 3%
Disagree, 10.90%
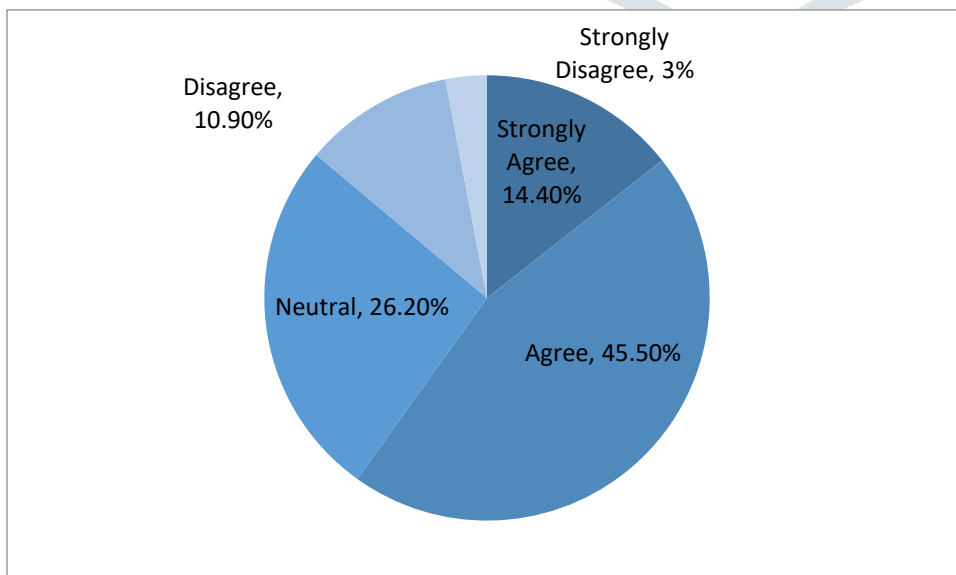Strongly Agree, 14.40%
Neutral, 26.20%
Agree, 45.50%

Figure 10: Do you think all students should use mobile phones in higher education?
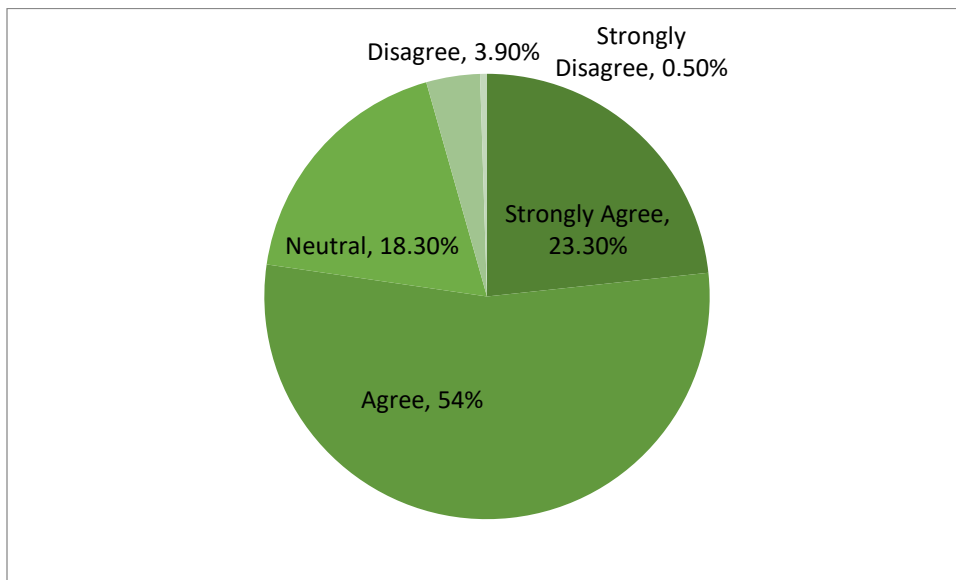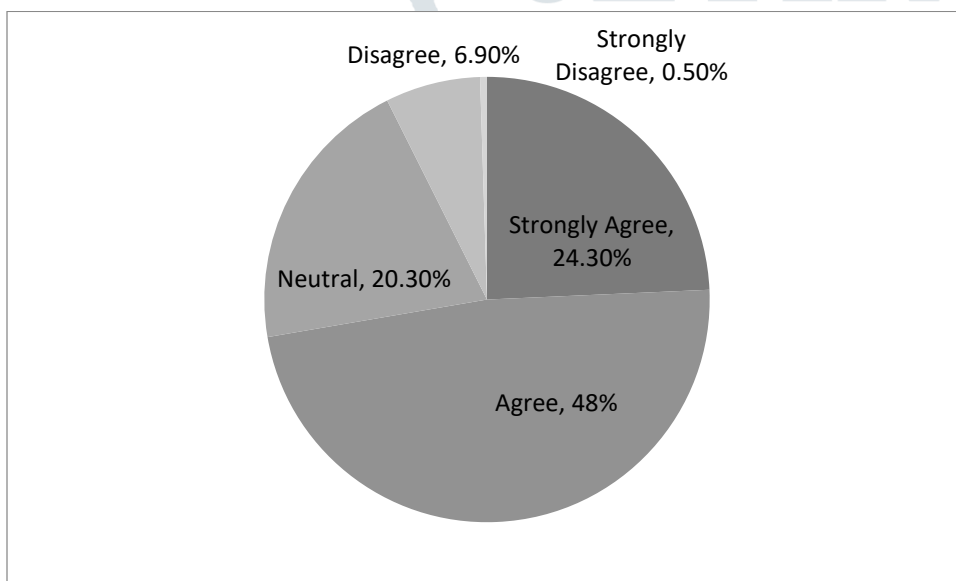

Figure 11: Do you think that you are suffering from physical and mental damage as a result of excessive use of mobile phones at present?

CONCLUSION:

It is clear from the above discussion that Mobile Phone has a great contribution to the development of the higher study of the students in Higher Education level. Most of the students think that the development of their higher study is being increased with the use of Mobile Phone. And most of the students think that their study would be hampered if there was no Mobile Phone. In the present situation, most students of Higher Education level have been continuing their success in Higher Education with the help of Self-study, Group Discussion, Online Class, Online Exam, Online Video Conference Call, Online Conference, Webinar, Online data collection, Online VIVA-VOCE etc. But due to the excessive use of Mobile Phone in the present situation, the physical and mental condition of the students are being hampered, their eyes are also being affected for the staring at Mobile Phone for a long time and the students are being dependent on the Technology.

SUGGESTIONS:

1. Those students who are not being able to buy 4G Smart Phone, should be provided Smartphone by the Government help.
2. Those students who face with money problem to recharge their Mobile Phone, they should be offered the recharge of their Mobile Phone.
3. The Internet service will be provided to all of the villages by Telecom Organizations.
4. Internet speed will be provided properly by the Telecom Organizations.
5. The students should be encouraged to use the Mobile Phone as a Tool of learning.

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