

Impact of Internet Usage on Academic Performance in Tertiary Education Level: Bangladesh perspectives

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ABSTRACT

The study investigated the impact of internet usage on academic performance in tertiary education level of Bangladesh and the main purpose of this study was to examine the impact of internet usage on academic performance in tertiary education and also other main objectives of this study were to evaluate reasons for Internet usage among students in tertiary education level also to state the importance of internet usage on academic performance in tertiary education level and fortunately all the objectives of this study have been achieved successfully and intensely. This study carried out through using a mixed-method approach (including quantitative and qualitative methods) and also research can be conducted by quantitative and qualitative approach. Nevertheless, the most of the respondents agreed that Internet is powerful tool that facilitates their academic performance positively and also they have agreed extremely that Internet has the following positive impacts; accomplishment of assignments and course works, obtainability of library databases, simplifies communication between lecturers and students, facilitates communication among students, availability of contemporary knowledge, improves exam preparations and examination's grades, comprehension and reading of the courses, accessibility of examination results and online courses and availability of learning materials from the instructors. It is found that internet has some negative impacts on student's academic performance e.g. disturbances of reading time and learning time, reduces the attention of courses study, causes stress that can decrease exam grades, loses time allocation for study also internet decreases the efforts towards course works. This study recommended that tertiary education institutions should provide excellent internet facilities for their students where students utilize internet services positively to prevent and avoid any negative impacts that can harm their performance.

Introduction

This chapter is very essential chapter and will focus on the following main components of chapter one and they are; background of the study, statement of the

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problem, research objectives, research questions, significance of the study, operational definitions, overview of methodology and organization of thesis and also this chapter will briefly explain the components that researcher has already mentioned the above lines of this paragraph and will summarize the gist of the first chapter of my research.

Background of the study

The internet could be a worldwide network of computers connected along over massive distances and it absolutely was created by the American military as a method of communication and has been existence since the 1950s (Ani, 2010). Up till the mid- the too late eighties mainly business organizations and academic establishments used the internet and this was due to high prices. The rapid development of technology has seen improvement in communication links and a lowering of prices. The implication is that the internet is currently a lot of wide on the market to a lot of people. The supply and also the method by that an attempt to use the internet through method of electronic communications system is allotted is mentioned as internet access also the internet has serious impacts on our society than the introduction of television; probably as nice an influence on history because the technological revolution or the press (Bao, 1998).

Internet could be immense network consists of thousands of interconnected networks that support an entire vary of services like electronic, file transfer protocol, information access and plenty of others and internet is the very vital tool that facilities the globalization and civilization of this new century reason-being internet connects all of the globe, moreover, the internet is the most crucial communication technology that makes world one village (Roknuzzaman, 2006).

The use of internet in university field and society has been raised and it becomes a vital a part of student life and their learning method and additionally internet is employed by the teachers so as to urge additional information and data that facilitate to urge additional construct of their courses then they deliver and teach their learners deeply and sagely (Ruzgar, 2005).

The internet has big swiftly over the years. it's been the fastest growing communication technology and connects individuals and also the whole world and has made all of the worlds to become one village as a result of economic growth and integration also the usage of the internet for teaching and learning functions has received increasing attention over the globe because nowadays, the lecturers use e-learning to supply assignments or necessary notes to the learners and also internet facilities learning and teaching method that help students to grasp deeply and critically what they're learning and assists lecturers to deliver the most effective lesson to the students (Isbulan, 2011). The internet could be a globally interconnected set of computers through that information may well be speedily accessed and internet has become a precious tool for learning, teaching and analysis and internet may well be regarded as technology evolved thought of modernization and globalization and internet became super high wave invention, which is already advancing the explanation for humanity of the best height particularly during this

twenty one century (Howes,2002).

These days, the internet could be a public, popular, supportive, cooperative, and self-sufficient facility accessible to many immeasurable people worldwide also the internet has attenuated barriers of communication and data access from anyplace in the world and internet is commonly stated as “Information Highway” due to its capability to transmit a huge quantity of knowledge to anybody anyplace within the world. it's speedy, reliable and doesn't have a lot of restriction and obstacles on content, format or geographical location and internet additionally internet assists knowledge seekers to access endless information on the internet, on the other side, the internet provides and offers the possibility and chance for access to advance analysis reports and information internationally. it's so become a vigorous part of electronic services in corporations, organizations, government, individual set-up moreover as establishments particularly libraries. (Sujatha, 2011).

The modernization, convenience, and accessibility quality of education have improved and advanced considerably because of the internet usage and this caused by internet accessibility and utilization of internet device also promoted comprehension and knowledge of learners and internet become the essential key of data, world connections and transformation of the world relation (Ogedebe,2012)

The Most of the tertiary level education students favor and like to use the internet in order to obtain internet utilization thus study done by Omotayo (2006), 73% of tertiary level students stated that they use the internet for academic. Recently, the internet has become crucial and integral an area of daily life and it's used for diversion and communication, moreover, as education, additionally, is that the base and foundation of today's information significantly on-line markets and tutorial society. Students will notice any information with the sole click of the mouse. Besides that, they will additionally communicate with their peers, family, and make friends from all over within the cosmos which aids students to become civilized students and organized (Kashyap, 2016).

The Internet is used as a media for social interaction and recreation and luxury. By using social network sites, e-mails, chats, blogs etc. one will act with others. on-line games, songs, videos, and films square measure the different ways in which of recreation through the web and a few reports showed that ninety-one of tertiary level students use email and alternative net devices and that they use social network website for communication with one another (Colley& Maltby,2008).

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Internet has gained a lot of quality among master students these days and also the most of master students favor to use the online data looking instead of the

library since the web is found to be quick and simply accessible and additionally internet is incredibly necessary, useful, and indispensable a part of life activities (Moze,2012).

Nevertheless, internet usage could be a vigorous a part of standard life for different people, and mobile networks, yet because the internet, has enabled people to communicate globally for these days correspondingly several folks use mobile phones, laptops, and tablets ,therefore, internet device has become associate indivisible a part of our daily lives. additionally, to easily finding data online, the internet is employed as a platform for making new data hand and glove and conjointly and the majority of the students prefer for the following devices in order to obtain more information for their learning trip ;Gmail, Facebook, Twitter, What's up, note and blogs also these devices help to the students to make discussion and debates related to their courses (Dave ,2012).

The development of the internet has revolutionized the unfold of knowledge across the globe. although the physical act of browsing the net may be principally lonely, the very interactive nature of the internet has created a virtual worldwide community. during this community folks interact during a large choice of on-line activities ranging from the exchange of knowledge or ideas, meeting, and also the arrival of smartphones and tablet computers have additional sophisticated the situation and they facilitated students to get internet accessibility (David, 2015).

The growth of the net has been driven by the modern technology and communication and also individuals round the world, with the resultant transformation in human communication and interactive relations in society and net has become an essential part of contemporary society and a helpful communication device that constitutes an important a part of presence for billions of individuals around the world, therefore, net device, as a sophisticated kind of communication technology has undertaken a series of technological innovation designed to fulfill the requirement of recent society (Majid & Teetan, 2002).

Exposure to new net technologies provides several edges for everybody. It furthermore includes the advantages which will be gained by students through the event of the net as a medium of learning. Through the utilization of the net, students will acquaint themselves with the net, it is often helpful for those that wish to require the possibility. Most of the learners most well-liked used digital media as an area for those seeking materials, because the main supply of current problems yet as a platform for sharing info with partners like through social networking sites thus the utilization of the net makes it easier for college students to get the specified information simply and quickly. This facility can build students additional motivated to search for info additional typically. Therefore, the utilization of the net can have an effect on the educational performance of scholars (Kaur and Manhas (2008). If the utilization of the net isn't controlled properly and sagely, it'll have a negative impact on students' educational performance. But, if the coed will higher manage net usage, it'll have a positive impact on the academic performance of scholars.

Internet contributes the accessibility of e-book, search info simply and assist students in finishing the task are important in increasing student educational accomplishment and it's terribly crucial to prevent and avoid the net addiction as a result of this damages student's mind and cause psychological issues however if it's used fittingly and showing intelligence it's additional importance to the users significantly learners (Usun, 2003)

At the present time, Bangladesh's total internet users has reached 90.44 million at the end of May 2019 and this shows us the extent of internet users has been increased wonderfully and has reached highest point consistent with all other years because the entire number of internet users of Bangladesh was only 6 million in December 2008 and Bangladesh Telecommunications Company Limited (BTCL) has been providing internet services at a way affordable rate and Bangladesh Telecommunications Company Limited has reduced bandwidth charges of internet getting to expand internet usage in the least sections of the society which is why the amount of internet users of Bangladesh is increased year by year, although the amount of internet users has reached 90.44 million still is so small and it cannot cover the requirements and needs of Bangladesh population because at the present time Bangladesh has reached quite 163.05 million. (Hasan, 2019)

According to Akhter (2013) declared and suggested that Internet have a negative effect on students predominantly Active and Online media and this is often initiated on studies that are done by the researcher about the web computer game which it's a sort of online media non-education, this online media negatively affects academic accomplishment and it are often constraint of educational success if it's not prevented intelligently.

Furthermore, it's also supported the research that has been done by Lee (2010) and suggested that the decline of universities and colleges student's academic achievement is thanks to the appliance of synchronous communication like chat rooms, which may lead students to remain up late in the dark and cause their academic achievement decline.

Statement of the problem

Even though the internet has a lot of advantages but also the internet has negative impact, and therefore the internet has created a new problem called "internet addiction", during which users experience interpersonal, school or work-related problems due to excessive use of the internet. Among students, the excessive use of the internet has been related to missing classes due to overslept because surfing the internet until midnight, academic failure and dismissal from universities. as an example, the study that was done by higher educational institutions recognized that seventy-three percentages of scholars become dropouts due to extreme use of internet mostly mobile phones and sleeping lately time which caused discouragement of students and that they hated and disgusted the studying of universities (Aderson,2001).

Furthermore, Internet has a significant decrement onto students' performance but there are some studies show that excessive internet use has negative implication towards academic performance and this is due to excessive use of internet may impair functioning and results in compromise grades or responsibilities and It was reported that 50% of university students were dismissed for academic failure due to excessive internet use (Akin & Iskender, 2011).

Some of the students used the internet for extreme time consuming and excess entertainment which can hurt and damage their daily life and future progress while others use unethical activities by insulting on social media and watched by prohibited actions which Islamic precious religion has already forbidden (Mehmood & Taswir, 2013).

Finally, nowadays there were no more studies that have been made impacts of internet use on tertiary level education for academic performance particularly Bangladesh so that this study will fill the gap and it will explore the reasons of internet use on tertiary level education for academic performance.

The study will present the results of a survey of the impacts of internet usage on academic performance in tertiary education level of Bangladesh and also the purpose of this study is to examine the impacts of internet use on tertiary level education for academic performance and the main purpose of this study to examine the impact of internet usage on academic performance in tertiary education level.

Research objectives

The objectives of this study are below;

- i. To examine the impact of internet usage on academic performance in tertiary education
- ii. To state the importance of internet usage on academic performance in tertiary education
- iii. To evaluate reasons for Internet usage among students in tertiary education level

Research questions

- i. What are the impacts of internet usages on academic performance in tertiary education?
- ii. What is the importance of internet usage on academic performance in tertiary education?
- iii. Why do students for tertiary education level use Internet services?

Significance of the study

This study will be very essential and important for the people of use internet those live all of the worlds as generally and especially for the tertiary level education students and tertiary institutions and also it will help the following groups: -

Students: The findings of this study will be very crucial for the tertiary level students because they will comprehend deeply the advantages and disadvantages of use internet and they will recognize the best utilization of use internet and also, they will be avoided the harmful and negative effects of use internet and then they will make the best decision in order to eradicate and reduce the internet addiction and utilize the best benefits of internet for academic performance and this is very essential for all the students of tertiary education level reason being tertiary level students will recognize deeply and critically the positive impact of internet users.

Future Researchers: This study can help further studies of future researchers whose interest to conduct the study of impact internet on academic performance in tertiary level education and any kind of internet patterns usage that exist everywhere on the world particularly the impact of internet usage patterns on tertiary level education for academic performance and it could as well serve as a reference for further improvements to be done in their study properly and successfully.

Parents: This study will help parents understand and be aware of the negative effects and positive effects of internet usage on their children and parents will get adequate knowledge and they can come up with perfect ways to prevent their children from developing weak interpersonal relationship with other people because of too much use and dependence on internet patterns usage. They will encourage and advise their children to utilize properly and wisely internet patterns usage and avoid and prevent negative effects and internet addiction and also parents will try to provide best internet services for their children after when they recognize the positive impact of internet use on tertiary level education for academic performance.

Telecommunication companies: The findings of this study will assist the telecommunication companies because they will recognize and realize the usefulness of their services and they will try to make advancement about their technological products and also, they will attempt to reduce the harmfulness of their products after when they recognize in addition that they will provide pieces of advice and consultations about internet users in order to prevent internet addiction.

Libraries: Copies of the research will be available at the campus 's library, and this will be important as other students whose interest to make future researches and they will be able to access the information and be aware of the advantages and disadvantages of internet usage. They will also be able to make recommendations on the same field of this study.

The Scope of the study

The scope of this study contains the following scopes;

Geographical scope

The study will be conducted Bangladesh universities particularly Daffodil International University and this area will be the geographical limit of this study, as which is reachable by the researcher.

Content scope

The study will focus on the Impact of Internet Usage on Academic Performance in Tertiary Level Education -Dhaka-Bangladesh.

Time scope

This research will take place a period between September 2019 to December 2019 similarly researcher hopes to finish successfully and he usually makes a lot of efforts in order to complete this study.

Operational Definition

Impact is the action of one object coming compulsorily into contact with another and caused effect or influence in issues and it can be negative and positive usually.

Internet is a global conglomeration of interconnected telecommunication networks that provides for the interaction of connected info systems and their users, by carrying their traffic employing a single system of enumeration, naming, addressing, identification, protocols and procedures that square measure outlined by net Standards and net is that the international data system that logically coupled along by a globally distinctive address area supported the web Protocol (IP)

Tertiary level education is any variety of education and refers to educational pursuits and on the far side the high school level and this includes diplomas, undergraduate, graduate certificates, and associate's bachelor's, master's and academic degree degrees and conjointly you discover tertiary education at business faculties, community schools, technical faculties, skilled faculties, schools and universities

Academic performance is printed by students' reportage and coverage of past and former semester CGPA/GPA and also their expected criterion for gift this} and present semester and the score average or criterion is currently utilized by most of the tertiary establishments as a convenient outline live of the tutorial performance of their students. The criterion may be a higher mensuration as a result of it provides larger insight into the relative level of performance of people and totally different cluster of scholars.

Overview of the Methodology

This current study is going to be employed mixed -methods approach (quantitative and qualitative methods) because a number of the research questions are going to be close-ended questions also these questions are going to be used for quantitative methods since quantitative method contains close-ended questions. This study is going to be employed qualitative method consequently a number of the research questions are going to be open-ended questions and it's compulsory to use the

qualitative method correspondingly the qualitative method consists of open-ended questions that the researcher usually gathers through interviews.

Literature review

Introduction

This chapter focuses on the literature review related to the study. The chapter discusses the following sub-title; internet uses, social networks, importance of the internet on academic in tertiary education, positive impact of the internet on academic performance in tertiary education, negative impact of the internet on academic performance in tertiary education, Summary of positive and negative impact of the Internet usage on academic performance in tertiary education, academic performance, theories related to the study, theoretical framework and summary of this chapter.

Uses of internet

The Internet is a world pc-based system composed of the many interconnected computer networks and every network might link tens, hundreds, or maybe thousands of computers, facultative them to share data and process power and therefore internet has created potential for people everywhere the planet to speak with each other effectively and inexpensively also internet became the backbone today's knowledge (Tufan,2016).

According to Singh & Senthil (2015) said that internet is able to produce desired information easily and smoothly and also the internet access refers to the communication between a residence or a business and an Internet service provider that connects to the internet and internet access refers to student access to the internet connectivity via personal computers, laptops, tablets, or smartphones in such a way that the student is able to find information from the internet also internet increases interest to know how computers and the internet can be best utilized to improve effectiveness and efficiency of training, teaching and knowledge learning processes in both formal and non-formal settings. As there is a shift of theories explaining learning processes, the Internet becomes a handmaiden for knowledge activities in all levels of education, likewise, In developing countries, the central concern to professors interested in using the internet for learning has been increasing wonderfully and some studies of suggested that the Internet is the backbone of today's knowledge.

Social Networks

There are many positive effects associated with the social networks use amongst students related to their academics. Students can connect with various educational groups related to their field of study on social networks and easily access all the important and authentic information shared by others. They can also share some good information they found out on such groups, which in turn will boost their confidence and this will help in the learning process also social networks enable professors to connect with the students to share important instructions for the class

as well as necessary study material for the students. Students can also share their viewpoints, innovative ideas related to studies with their classmates and professors on these groups (Glenn, 2015).

Online learning provides several opportunities that weren't attainable before and opportunities to be told from a respectable university - or from across the state or country - is very valuable. Social networks for learning square measure social structures containing nodes that represent relationships between people inside a precise domain and additionally social networking sites square measure web-based services that permit people to construct a public or semi-public profile inside a finite system, similarly, Social networks don't seem to be used for communication solely however square measure utilized in education too. doubtless, intuitions, colleges, and universities square measure taking action by providing appropriate materials, locations (classrooms, labs, and lecture halls) and other people United Nations agency will teach their students (Barrot, 2016).

All activities are typically 'face-to-face,' but many also are mediate by social networking technologies, beside peer assessment, discussions, and cooperative work and half-hour of tertiary education level students use social network to speak with alternative students(trading posts on blogs, for instance) whereas over fifty two use on-line videos, podcasts, blogs, and wikis besides social networking tools support and facilitate instructional activities by creating interaction, collaboration, active participation, data and resource sharing, and important thinking attainable and social networks are terribly crucial for instructional functions (Subramani, 2015).

Importance of Internet usage in Tertiary Education

The internet is that the most significant and complicated innovations of the cluster. it's an active tool of communication and is utilized for the dissemination and retrieval of information. the net is to boot more and more obtaining used for educational course delivery additionally the progressive increase inside the utilization of the net has very changed analysis, teaching and learning. a wonderful deal of research has tested the importance of the net in education. Among these worldwide connections, and also the web has been a heavy force of the change in instruction. Since 1991, and significantly with the introduction of the pc network and advancement of net association in 1993, and net has become the foremost crucial tool of educational communications, teaching and learning method facilitation (Simsim, 2011).

In keeping with Selwyn (2010) net is an instructional tool with potential, powerful and it's replaced ancient area lectures or supplement ancient tutorial ways in which as a result of net permits students to talk with different students (even aboard) and to share ideas, knowledge, experiences, and cultural practices and It enhances the skills and capabilities of students and assists them in their studies and skillful lives, therefore, the net plays an important role in meeting the data and communication wants of educational establishments since it makes it doable to

access a large vary of knowledge, like up-to-date reports, from anyplace within the world. It additionally allows students and educational establishments to air info to a wider audience round the globe through websites and as the simplest way to look for info and organize output and this is often terribly very important for the tutorial problems and existence activities of individuals.

The reasons for the rising quality of the net in education embody its impact on budgets, schoolroom area and personnel and therefore the ability to transmit data worldwide attract students to require instructional courses on-line. This has several positive effects, particularly for college kids who square measure restricted by time to attend categories at selected hours additionally thereto the addiction of web uses your time will cause some negative effects that may injury student's power once after they use web pattern for long hours significantly at midnight correspondingly the delivery of instructional courses over the net is extremely necessary, particularly for non- traditional students whose ability to attend regular categories is restricted thanks to work, family responsibilities and/or distance (Ryu, 2017)

Positive impact of Internet usage on Academic performance in Tertiary education

According to Al Mahmud, (2011), States that internet users were victimization the net for a few common wants and it had been helpful to them for the tutorial development and deciding the tutorial success, improves the tutorial performance for the learners and helps to the academics to get full information and data that assist academics to push student's learning method, moreover, the study that has been done at non-public Universities of Bangladesh found that the private universities, workers and postgraduate students uses internet for educational purpose conjointly mentioned deeply that has positive impact on the tutorial performance reason being claimed that web use facilitates all the tutorial activities of that university and claimed that internet contributes student's performance completely and deeply and conjointly study found that e-mail was the foremost most well-liked tools for maintaining academic workers communication and for keeping communication with the international universities and faculties that exist all of the worlds.

According to Shohrwardhy & Hassan (2014) Conducted a study on the angle of university students towards the net in East Pakistan. Results showed that students thought-about the net as a really effective learning tool that helps the enhancements of their educational performance and moreover, students treated it because the fast thanks to get the desired information and it's effective coaching that may promote student's information for his or her course of their study additionally web use has the various functions however chiefly educational purpose and learners have their own computers that assist them to urge high-speed web that may alter their educational problems and their existence.

According to Chauhan & Lal (2012) Conducted a study on web use by university academics and researchers in Bharat and stated that the majority of them used the

net for doing well in their educational arena. Moreover, majority of the respondents knew to use the net through the self- effort, from friends and colleagues, reading connected books and magazines etc. Besides, the study unconcealed that the net had a positive impact on numerous educational aspects regarding the efficiencies of analysis paper writing to collect a lot of information and data, meanwhile, the employment of t web has positive impact on educational performance of university students specifically by writing analysis papers any facilitate and assist in doing higher analysis and additionally give and supply a far better learning expertise and every one on top of points facilitate learners to urge high performance.

On other hand, Harvey Chaputula (2012) Conducted a study on adoption and use of web by students and educational employees at Mzuzu University, Nyasaland and located that almost all of the respondents used web chiefly for educational problems regarding data processing works and looking out information info that was terribly necessary for educational performance of scholars and accomplishment and success of educational daily activities as a result of the correct uses of web accelerates the existence activities of educational problems that area unit terribly essential for the tutorial achievements, additionally to it, in quantitative studies has found that instructors and analysis students are victimization the web to support and facilitate their analysis and teaching deeply and properly.

The use of web wide utilized by tertiary level students will have a positive impact on students and a key issue for the scholars in achieving additive grade and left the course early and put down is that the main factors build the tutorial employees work suitably on-line web utilized in teaching area unit efforts to form enhancements or to reinforce the standard of teaching and learning method and accessibility of reliable info which will contribute absolutely teaching and learning the method and makes learners knowledgeable. And furthermore, and additionally some on-line web has the advantage of having the ability to mix a range of various media like text, images, animations, video and sound and every one of those higher than area unit terribly crucial for the enhancements and progress performance and existence advancement and he prompt that web positive impact on academic performance if the users utilize effectively and potency ad this prevents negative addiction (Helsper, 2012)

The study that been done by Manjunatha (2013) has stated that the most students of tertiary level education are utilized deeply and critically the knowledge information of internet and students mention that internet is backbone of knowledge seekers because when the student is eager to involve themselves in the learning process to meet the learning needs of daily living such as doing assignments and attending classes these help students to get high grades for their educational institutions, such as colleges and universities, however, internet has importance on tertiary education because a study found that the usage of the internet has become popular for the all the tertiary education institutions and academic staff including

lectures agreed strongly that internet has extreme positive impact of academic performance of universities and they confessed that internet accelerates their tasks.

Some studies that have already tired Republic of South Africa and done by Oyedemi (2012) has mentioned that net| has increased and enlarged opportunities and probabilities for university students to expertise the employment of web outside the categories at universities and this contributes the supply of reliable info information that connected each course of their studies and internet builds students information able and extremely civilized students World Health Organization have additional confidence as a result of students don't worry regarding examination entry recently students get adequate knowledge which will make them do everything merely.

Kumari & Verma (2015) Analyzed the dealing logs of 9 search engines over a long amount and confirmed that internet is currently the first supply information then information for many of the tertiary level students and that they found that quite seventieth depends on the knowledge information of web and students appreciated the positive impacts of web uses reason being they believed that web is one in all the foremost necessary tools which will improve their educational performance and study confirmed these findings that students quickly uses internet for tutorial problems significantly throughout their learning activates moreover as examination days.

According to Nandez, & Borrego (2013) the foremost fashionable web site used for instructional and reference functions is that the on-line reference Wikipedia. Wikipedia is an internet, free and open Web-based reference that was designed in 1995 by software package investigator Ward choreographer. twenty three Wikipedia was supported as a non-profit organization with quite one million entries in a minimum of ten languages and it's terribly crucial for the information seekers of those days and it's the largest polyglot free-content reference on net also provides web- published info to that internet users could contribute and that is extremely essential for academician researchers.

Yahoo! Answers is another distinguished web site that has earned monumental ending among web users and this web site any user of the Yahoo search machine or engine will post an issue or a solution to an issue and this site has a hundred and twenty million users worldwide and has four hundred million searchable answers in its archives. in line with a Web-tracking company, Yahoo! Answers is that the most visited web education and reference web site when Wikipedia and people innumerable square measure reliable the advantages and effective advantage of this site and people of learners get additional reliable answers of their queries that associated with their disciplines (Evans,2014).

According to Pierce (2009) have done research on Australian academic use of the Internet. The study found that the internet is heart of academic purpose and thousands of millions of university students obtain of knowledge for internet uses

and study indicated more than 60% uses internet for the knowledge purpose and those students have more confidence that can make them be knowledgeable and more confident and this capability of knowledge and confidence helps them to get high marks for their universities. Similarly, the study showed five main components namely the Internet for teaching, research, consultancy, administration, and policymaking.

Among Internet online particularly media online for education used is like watching news online and view videos related to subjects, while for media online for non-education which is entertainment that is like a video game online. If seen, online media is interactivity where the user does not obtain or communicate in one way only, but users can communicate bilaterally in obtaining information, and also carry out activities the accessibility and availability of online media that are very essential for educational and non-educational achievements, furthermore, a study was conducted at the University of Delhi, India, found that 70 % of respondents used the Internet on a daily basis also the majority of the respondents mentioned that the internet improves academic performance strong positively (Junco, 2012).

Even though Gazza & Hunker (2014) argues and claims that Internet may increase university student's academic performance because internet uses improve the ability, intellectual curiosity and motivation for the students and these make students to get enough knowledge that can participate their academic knowledge and study suggested and proposed that Internet use by university students outside classes improved the student's ability and capability to collect information and the ability and capability to communicate information utilization and use of the Internet is now rapidly and quickly spreading all higher education institutions due to its importance equally it can be said Internet use affects academic performance especially knowledge availability and daily life activities of higher academic institutions and it doubles university student's academic performance strongly a survey has conducted large public university in the southeast of the United States. Based on the study, a major positive correlation between grade performance and utilization of the internet and internet became the most crucial tool that contributes to the academic performance of the tertiary level students.

Negative impact of Internet usage on Academic performance in Tertiary education

The Internet area unit usually is addictive if it isn't employed in associate degree passing controlled manner. many studies area unit done on the improper usage of net by the university students and conjointly the improper and blind use of net caused hurt to some physical, social and psychological aspects which may have a sway on negatively in their process tasks. Moreover, it caused addiction to some extent and these can cause reduction of instructional performance besides, the use of net by university students adversely moving their tutorial performance negatively therefore these negative effects square measure extra as a results of a study showed that the students whose pay heaps of it slow on net makes them unable to focus on their lecturers and this harms their tutorial performance negatively and if it isn't

prevented it will be main obstacles of instructional of enhancements (Wahid, 2007).

According to Tess (2013). There square measure varied impacts of net use found the previous analysis and mentioned that net has negative impact still as impact on social relationship where the link of during a non-public is getting clear of shut and individual can face behavior problems thanks to over usage of net where he is reacting otherwise than the traditional behavior and it'll cause some physical draw back thanks to long use of the net that physical problems area unit usually head ache, headache, sleep pattern disrupt therefore on prime of things contribute the decreasing of instructional performance of tertiary education for the reason that the students addict net usage constantly which they do not focus on their duties connected their education as a results of students square measure absent-minded thanks to addiction of net, likewise, a study claimed associate degree argued that varied students use net with associate degree extroverted temperament can lead to poor tutorial action if they're doing not utilize logically to boot study indicates that the students focus on social purpose, not tutorial purpose this restricts the tutorial performance of the students.

Based on the another study (Gerpott & Thomas, 2014) mentioned and express that on-line the net have a negative result on tertiary level students notably on-line media and this could be supported studies that area unit done by the individual relating to the net game that it is a quite online media non-education, this on-line media negatively affects tutorial action and it area unit usually restriction of instructional performance and it will be chronic draw back if it isn't prevented with wisdom and critically.

Besides, net weakens of universities and colleges student's tutorial action is thanks to the appliance of synchronous communication like chat rooms, which could lead students to stay up late at the hours of darkness and cause their tutorial action decline.

A study that has conducted of Saudi Arabia universities have claimed that the internet addiction and improper usage of internet was the reason for their moderate behavioral disorder and this became problematic Internet usage of university students in Italy and ultimately study revealed that students' Internet addiction was significantly associated with loneliness and shyness and this disrupted and lowered student's academic performance negatively (Al-Shawi & Al- Wabil (2013).

Kumar (2012) has done research on Internet use by students of Indian universities indicated that the students having Internet access are not using it effectively and appropriately and the main reason of Internet usage is for the communication rather than study or academic and the study found that there was internet addiction among those students and those habitual actions were lowering the academic performance of those students powerfully and profoundly.

Study that has been conducted the impact of internet addiction on tertiary level education and that study done by Tenopir (2011) claimed and argued that

internet can cause interpersonal problems and those problems are persistent complications and difficulties in relating of internet users whose addict internet extremely and interpersonal problems are the problems people react differently in a situation where other peoples in that situation expecting other ways. The interpersonal feature was vital for the Internet users and persons who use the internet for long time and more time for social purposes and functions can face and meet some problems and those problems are; compulsive use of Internet, withdrawal from social activities and social actions, reduce the patience and tolerance, loss of time management, interpersonal conflict and repeatedly anxiety and all above factors can harm and lower the academic performance of the students because they are very exhausted ,

Similarly, Caplan (2010) indicated that the young students of tertiary education in Europe are suffering from large variety of risks like cyberbullying, sexting, sexy content among others and these issues disheartened and restricted student's learning because they students use internet for a long time and they use for different bad purposes that do not relate their academic issues and finally this caused the decreasing and lowering of academic performance of those young students of Europe continent.

Summary of Positive and Negative impact of Internet usage on Academic issues.

The study that been done by Lwoga (2012). net plays actual necessary role in educational performance of tertiary level education and net has robust positive impact on tertiary education level and net improves and promotes the tutorial performance of the upper students and this contemporary era everybody prefers Google so as to get reliable information that may increase the student's performance greatly and deeply and net contains a wealth of data that may be searched at any time and it's the foremost crucial tool of data convenience and net accelerates the tutorial daily activities and net has a lot of impact on tertiary level education than the negative impact on tertiary level education.

The study that been done by Tokunaga (2014)has argued that net has positive impact of educational performance powerfully and powerfully reason being the most students of tertiary level education used and used extraordinarily and showing intelligence the information info of net and college students aforesaid that net is that the cornerstone of data seekers since once the university student is keen to involve themselves within the learning method to fulfill the educational desires of daily living like doing assignments and attending categories and these modify students to get high grades for his or her educational establishments, like faculties and universities and therefore the positive impact of net on tertiary education is quite the impact of negative of on tertiary education and this excellent news of upper education establishments.

According to Desouky & Ibrahem (2015) there are many impacts of internet use found some studies declared that net has negative impact together with impact

on social relationship and net will cause some dangerous issues that may contribute the poor educational performance of their establishments because of long use of the net which dangerous issues will be hemiparesis, headache, sleep pattern disrupt and every one on top of factors contribute the degreasing of educational performance of tertiary education for the rationale that the scholars addict the utilization of net perpetually and that they failed to target their duties connected their education as a result of students area unit absent-minded because of addiction of net and overuses of net.

Finally, the internet has positive and impact on tertiary education however the positive impact of on tertiary education is quite the negative impact on tertiary education and this is often the simplest news of tertiary education stakeholders and beneficiaries

Academic performance

Academic performance is data and skills that students have perfect in a very subject or a course. It's essentially career development of students however well students have performed within the numerous assessment things set for them supported some instructional criteria determined by skilled educators. Through students' performance within the assessment things like essays, tests, viva, and examinations, students' performance is set in ranking on the tutorial standards that they need reached — pass, credit, distinction, high distinction and then on. These instructional standards could also be recognized as satisfying the standards for admission for additional studies in establishments domestically and internationally (Hilton, 2016). Academic performance is that the extent and quantity to that a student, teacher or establishment has earned their short or long-run instructional goals and completion of instructional benchmarks like diplomas and bachelor's degrees represent tutorial accomplishment and additionally tutorial performance is generally measured through examinations or continuous assessments however there's no general agreement on however it's best evaluated or that aspects square measure greatest vital and it's sensible data like skills or declarative data like facts (Helou & Rahim, 2014).

Academic performance refers to however students affect their studies and the way they address or accomplish totally different tasks given to them by their academics and thus tutorial performance is that the ability to review and keep in mind facts and having the ability to speak your data verbally or down on paper and essentially, tutorial performance is however well you are doing in your categories. Nevertheless, in class and therefore the grades you receive are one measure Standardized testing is typically used. Informal measurements might embody factors like category participation, in addition, there square measure various problems displeasing and poignant the student's tutorial performance. a number of them square measure home, school, teacher, and student factors. most of the factors square measure home-related: family size, monetary burden, work home, parental angle towards education and parenting vogue (Daluba & Maxwell, 2013)

Theories related to the Study

These below theories associated with this study reason being they justify however individuals utilize the supply of web and the way it's necessary the usage of web notably social networks sites and also the social network typically will cause distraction per below theories and there square measure two main theories that associated with this study and that they are; flow theory and distraction impact theory and investigator goes to clarify the below paragraphs.

Flow theory

Borrowed from psychology, flow theory helps assess human-computer interactions and addresses people's use of the net. Flow is that the holistic sensation that task after they act with total involvement and It implies absorption terribly} very task, such the person is completely attracted by the article and thus the task being performed. Websites, email tools, and thus the pc itself all artefacts; the tasks talk to associate assignment performed mistreatment these tools (Liao,2006).

Thus, net patterns area unit physical object and other people mistreatment this network interact in tasks that prompt their flow on the net platform (Koufaris,2002) in addition, supply associate in- depth review of the definition of flow as experienced by people immersed terribly} very task. delineate as total concentration and deep involvement at intervals the tasks, these activities finish in intrinsic enjoyment, combined with keen curiosity and pleasure that encourages repetition of the activity, but in addition the loss of it slow associate degreed associate inability to manage usage or halt the activity.

Distraction effect theory

Although the utilization of a social networking platform is subject to the persuasive angle of the social electronic computer and so the attitudes of users toward social networking ordinarily additionally on-line behaviors put together mirror temperament traits, values, and cultures. the style individuals use on-line social networks notably in terms of their behavioral patterns and attitudes toward information sharing and privacy could also be an instantaneous result of and reflection on their cultural backgrounds (Brasel, & Gips 2011).

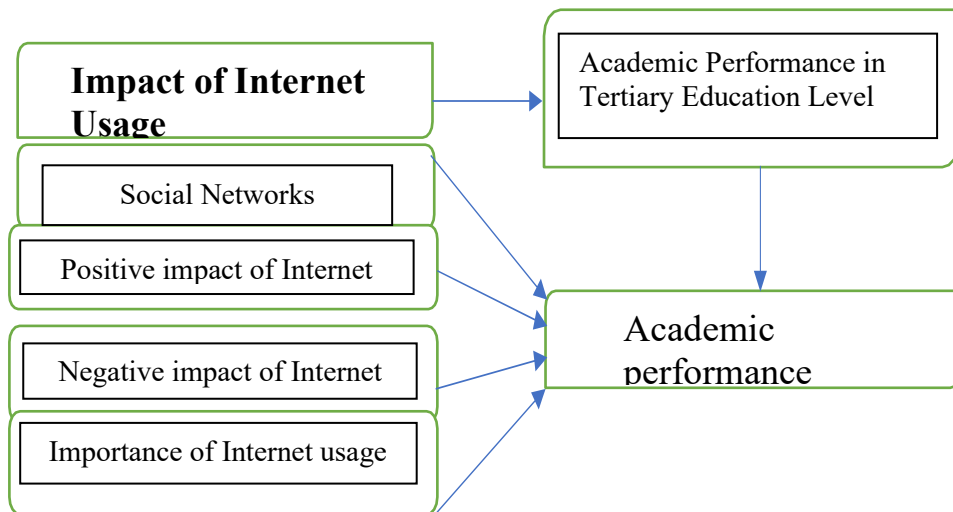
Intellectual capabilities to manage time and method info additionally ought to have an effect on their capability to learn from on-line activities and limit their potency on any tasks performed in parallel and net users sometimes interrupt their work to go to Facebook, What's up, Gmail, Twitter and different social network sites as a result of the short-run capability required for the memory method and out of work individuals s could log on to appear for job opportunities and end up interacting on social platforms, ultimately payment rather additional on them than expected. (Venkatesh,2000).

This split attention paid to multiple tasks causes' distraction. the use of on-line social networks put together varies across countries as a result of cultures induce numerous impacts on their members. Absorption inside the social networking

activity entails extended immersion in these websites, enjoyment whereas interacting, aid curiosity, but individual’s area unit temporally disassociated from their main tasks; whether or not or not on-line or offline, and lose management over the foremost activity in favor of chatting or checking new updates. Consequently, this analysis will assess the impact of Facebook hedonic usage on instructional performance. (Kreiss,2009).

Theoretical Framework

The theoretical framework was developed by analyzing previous research internet usage and its impacts on academic performance. All of the variables were identified either of the theories, models, and framework and was selected as a theoretical framework as well as on figure.



Summary of this chapter

The researcher has discussed and explained the most important concept and of this study and he has collected the crucial literature of this study research deeply and critical and he head read all articles related to this study and he used his words in order to summarize gist of every article related his study and also reviewed all the literature review directly related to the study. The review provided the researcher with a sound conceptual, theoretical and practical understanding of impact of internet usage on academic performance in tertiary education and eventually, the research has explained already the following headlines; internet uses, social networks, importance of the internet on academic in tertiary education, positive impact of the internet on academic performance in tertiary education, negative impact of the internet on academic performance in tertiary education, Summary of positive and negative impact of the Internet usage on academic performance in tertiary education, academic performance, theories related to the study, theoretical framework and

summary of this chapter.

And all above subtitles provided to the researcher adequate information that can help to continue to his study hopefully and deeply because he recognized the real concept of this study. There are some studies that have been conducted on the attitude of private university students towards the Internet in Bangladesh and results showed that students considered the Internet as a very effective learning tool. Furthermore, students treated it as a quick way to get the required information and knowledge and it is an effective training media. And also, there are numerous previous researches has mentioned that internet has a negative impact including impact on an interpersonal relationship where the relationship of in an individual is getting further from surrounding and individual can face behavior problems due to over usage of the Internet.

Internet plays crucial role on academic performance in tertiary level education and internet has strong positive impact on tertiary education level and internet improves on academic performance in tertiary education and this current era everyone prefers Google in order to obtain reliable knowledge that can increase the student's performance greatly and deeply and internet contains a wealth of knowledge that can be searched at any time and it is the most crucial tool of knowledge availability and internet accelerates the academic daily activities and internet has more impact on tertiary level education than the negative impact on tertiary level education.

Research Methodology

Introduction

This chapter covers and elaborates all the methods and procedures that relate to the methods of data collection and data validation and specifically this chapter will focus on the following sub- titles; research design, population, sample size, sampling procedure, research instruments, validity and reliability of the instruments, data analysis, sources of data, and limitation and challenges of the study and all above sub-titles are very crucial the accomplishment of this chapter.

Research design

This study will carry out through using a mixed-method approach (including quantitative and qualitative methods and research can be conducted by quantitative and qualitative approach. The question “How many” is mainly answered by quantitative data while “How” is answered by the qualitative data analysis (Majid & Kassim, 2000).

Mixed method approach

The researcher combines qualitative and quantitative analysis techniques, methods, approaches, and ideas consequently mixed-method research is an approach wherever the investigator tends to base information claims on realistic grounds (for example, consequence-oriented, problem- centered and pluralistic). ways of enquiry

square measure used that involves aggregation knowledge – either at the same time or consecutive – to best perceive the analysis downside. data} assortment involves gathering each numeric information (for example, on instruments) and text data (for example, in interviews, so the ultimate info contains each quantitative and qualitative information) however, mixed-method analysis has deserved and demerits (Madhusudan, 2007).

Nevertheless, connection and mixing the two approaches (qualitative and quantitative) may yield a lot of credible results and mixing the two approaches suited this study best so as to use completely different ways for the information assortment, interpretation and presentation of the analysis findings and also the investigator, therefore, can apply a quantitative technique and qualitative technique square measure terribly essential the correctness and effectiveness of the analysis and also the mixed-method approach contains two main classes and that they are; Quantitative analysis and Qualitative analysis (Park, 2011).

Quantitative research

The quantitative analysis is to relinquish valid and objective descriptions of the development and also the man of science tries to take care of perspicacity by not permitting his or her personal bias to influence the analysis and interpretation of the information. Quantitative analysis is also classified as descriptive, analytical or experimental. A descriptive quantitative analysis methodology is going to be adopted for this study. The descriptive survey enabled the man of science to find out a few massive population (thousands of university students) by means that of a descriptive survey (Aitchison & Lee, 2006)

According to Polit & gesture (2010) expressed that descriptive quantitative analysis examines a scenario because it is, associated it involves either distinctive the characteristics of an ascertained development or exploring attainable correlations among two or additional phenomena. It neither changes nor modifies things beneath investigation, nor determines cause-effect relationships. This study may be a user study within the field of data Science that describes the opinions, attitudes, expectations and search behavior of university students why they use the web.

A quantitative approach allows the investigator management variables and control natural phenomena. Hypotheses area unit created and tested against the onerous facts of reality. Quantitative analysis depends, for its comparative applied mathematics analysis, on standardization in information assortment. this suggests that the order of the queries in an exceedingly form, and also the attainable responses to them area unit strictly prescribed before and also the conditions beneath that the queries area unit answered ought to be command constant for all the participants within the study (Boulianne, 2009)

The quantitative analysis has the subsequent characteristics; information., sample, reality, measurable, reasoning, generalization, autonomy, analysis and setting and these characteristics are the terribly crucial the conducting of this study as

a result of their terribly necessary the success of the entire study significantly analysis style reason being the analysis style becomes the foremost appropriate analysis style that may turn out and contribute the provision and accessibility of reliable information and this may participate to get the correct findings which may use for several functions (Bradley,1999)

Qualitative research

This study will employ qualitative method reason being a number of the research questions are going to be open-ended questions and it's good to use qualitative method since qualitative method consists of open-ended questions that the researcher usually gathers through interviews, and focus groups and therefore the analysis of the qualitative data (words, text or behaviours) typically follows the trail of mixing it into categories of data and presenting the range of ideas gathered during data collection (Sandelowski, 1995).

Qualitative research may be a kind and sort of social sciences research that gathers, collects and works with non-numerical data which seeks to interpret meaning from these data that assist and help us to social life through the study of targeted populations or places and qualitative is one among the simplest research methods that employed by all of the worlds (Stenbacka,2001).

According to Chivanga (2016), qualitative research is typically used to answer questions about the complex nature of a phenomenon, often with the purpose of describing and understanding the phenomena from the participants' point of view. They describe quantitative research as research that are used to answer questions about relationships among measured variables with the purpose of explaining, predicting and controlling phenomena.

Qualitative research is used often in the humanities because it strives to capture the human meanings of social life as it is lived, experienced and understood by the participants. It has also been applied in disciplines such as medicine and qualitative research begins with observing the phenomenon, and this is followed by recording and classifying the data. This means doing a detailed examination of the phenomena prior to analysis. Another distinguishing characteristic of qualitative research is that data are collected in their natural context and statements are analyzed in the context of an extended answer or the total course of the interview (Chou, 2001).

Target Population

Mugenda (2008) Defines “population” because the set of all the weather, units, objects or subjects within the universe of interest for a specific study. It refers to the whole cluster of people, objects, items, cases, articles or things with some common attributes or characteristics. once the population is clearly outlined, it's mentioned because the target population.

Meanwhile, the target population of this study will be Bangladesh universities particularly Daffodil International university especially the following departments; Development Studies, Tourism and Hospitality Management, Innovation and Entrepreneurship and Environmental Science and Disaster Management and the target population of this study are 330.

Sample size

As researcher has mentioned already the target population of this current study was comprising 330 students but it so difficult to take all the target population because of time-consuming and high cost, so that the researcher will take sample from the target population and the sample of this study will consist of 180 participants and researcher has used the below formula in order to select the appropriate sample size and this formula is called Slovin’s Formula.

$$n = \frac{N}{1 + N(e^2)}$$

n= Number of sample size N=Total Population

e= Margin of error

$$n = \frac{330}{1 + 330(0.05)^2}$$

$$n = \frac{330}{1 + 330(0.0025)}$$

$$n = \frac{330}{1 + 0.825}$$

$$n = \frac{330}{1.825}$$

Therefore, the sample size of this study is **180**

Sampling procedure

The participants of this study are going to be selected by using sampling method because simple sampling is that the simple assembling and accumulating the sample and it's also considered the simplest method that collects data because sampling may be a fair way of choosing a sample from a given population since every member is given equal chances and opportunities of being selected.

Random sampling is a portion of the sampling technique during which each sample has an equal probability of being chosen and random sample selected randomly is supposed to be an unbiased representation of the whole population and researcher of this study will prefer and choose sampling because sampling is one among the only sorts of collecting data from the entire population. Under sampling, each member of the subset carries a civil right of being chosen as a neighborhood of the sampling process which is why the researcher prefers the choice of sampling.

Research instruments

In order to collect the data of this study deeply and wisely, the researcher will use Questionnaires & Interviews which will help him to collect the information and data from the respondents wisely.

Questionnaire

The researcher will use the questionnaire because questionnaire is document that contains directions, queries and statements that area unit compiled to get answers from respondents. The queries area unit given with precisely the same diction and within the same order to any or all the respondents and questionnaires could also be on-line or communication questionnaires (Onen, 2016). mistreatment questionnaires have benefits as a result of questionnaires explain and facilitate the gathering information as a result of its comparatively simple to gather and analyze data in a very short time and that they also are cheap to administer, what is more, Barczak (2015). Suggests that the fastened format of the form eliminates variation within the questioning method, even once respondents could interpret identical queries otherwise and conjointly he mentions that form consists of a series of queries and therefore the purpose of form is to collect info from respondents and questionnaires area unit fashionable researchers as a result of info will get fairly, simply and therefore the form responses area unit simply coded.

Questionnaire has been an integral a part of doing science analysis particularly, once the scientist desires the information on the social, political, academic, socio-economical, socio-political issues.

Obtaining feedback through form methodology will be an economical and reliable suggests that to conduct analysis and researcher will gather each qualitative and quantitative information as a result of the question will use each way and conjointly form will give the proper and important feedback from the respondents needed for the scientist to hold out the analysis. The questions will be closed-ended or forced-choice, open-ended (Mohajan,2017)

Interviews

The researcher can use interviews so as to gather the data from the respondents' reason being interview could be a discussion and spoken communication between two or additional people wherever queries and interrogations were asked by the querier to prompt facts or statements from the respondent. The interview involves one-on-one verbal communication associate degreed interaction between researcher

and the respondent and therefore there should be a querier (whose role is to raise questions) and the respondent (whose role is to retort to the questions) and validity and responsibility will be actual if it administrates properly (Christiansen, 2007).

The interview involves presenting oral-verbal stimuli and replying with oral-verbal responses. Interviews will be done face to face or, if attainable, by phone and that they will be conducted with individual respondents or with a gaggle of respondents. Interviews are unit most popular for knowledge assortment due to the subsequent benefits and additionally interview will be outlined as gentleman spoken communication and chat between two-person or additional individuals wherever queries are unit asked and questioned to an individual to induce get needed responses or answers) Interviews have following advantages; additional in-depth info will be obtained. this is often expedited by the actual fact that there's personal contact and therefore the querier can explore for additional splendid info and reliable info which will improve research's quality (Corbin & Morse, 2003) a private interview will facilitate the researcher to live what somebody is aware of knowledge or what he or she likes and dislikes (values and preferences) and this can be essential for the investigation. Clarity of queries will be achieved; since this involves dialogue between the querier and therefore the respondent, any unclear queries is also processed and explained and this can be a really sensible issue.

An interview can be conducted with both literate and illiterate respondents, hence the researcher has a chance to get data from a big sample – which will produce more reliable and valid results. (Alavi & Carlson, 1992).

Thus, all the above benefits and advantages will assist to the researcher to get real information that can be the best information and also it will promote the correctness, actuality, validity, and reliability of the study because whenever the researcher selects and prefers the suitable instrument of his study it will contribute the reality and certainty of the study thus that is why researcher considers the selection of this instrument and researcher hopes to conduct the best research.

The interview is a dialogue where questions are inquired and the corresponding answers are given an interview is the setting and execution of the interview range from casual to semi-formal to formal, and it involves two parties: the interviewer and interviewee. The interviewer's objective is to collect data and information by asking questions, and probing the answers that are given by the interviewee. It may even be described as the "interviewer's script" and also an interview may be conducted one-on-one, with one interviewer and one interviewee, or in groups (Lubienski,2002).

Validity and Reliability of the instruments.

The researcher hopefully expects the validity and reliability of this will be accurate and effective.

Validity of the instrument

Validity is that the degree to which the results obtained during a study represents the phenomenon being investigated. Content validity was guaranteed by the supply of

enough coverage of the subject under study. Content validity refers to the degree to which the content of the things reflects the content domain of interest (Dantzer & Kelley,2007). The researcher will consult the supervisors of this study so as to enhance the validity of the instruments. The researcher also used friends, who are experienced in research instruments development, to proofread the instruments and advice on any changes that helped to extend the validity of the instruments.

Reliability of the instrument

Reliability of the instruments is defined because the measure of the degree to which a search instrument yields consistent results after repeated trials (Sogunro, 2002). The researcher used the test and re-test method by administering an equivalent instrument twice to an equivalent group with a time-lapse of fortnight between the primary and second tests. This involved administering an equivalent instrument twice to an equivalent group of respondents with a two-week interval between the two tests. The two scores were then correlated to determine if the contents within the instruments are consistent in getting an equivalent response whenever they were administered.

Data analysis

In order to analyze the data obtained from the respondents, the researcher used Statistical Package for Social Sciences(SPSS) and Microsoft Excel and these tools helped the researcher to do the best analyzing of this study and also this SPSS software usually is used statistical analysis and statistical operations and also the researcher analyzed quantitative data from questionnaires by using simple frequencies and percentages and some specific graphs such as; Pie chart and Bar chart and the researcher will choose frequencies and percentages and graphs as they are easy to be compared, interpreted and understood. Qualitative data was analyzed using content or thematic analysis after which it is integrated into quantitative data.

Limitation and challenges of the Study

Every research has some limitation so that the limitation of this will be the following possible points that can be the obstacle of this study.

- ❖ Poor of prior research studies on the topic
- ❖ Constraints on time
- ❖ Travel expenses and printing
- ❖ Language barriers

Sources of data

Researcher will use primary data source and secondary data source and first data source is an original data source, which is, one which the information are collected firsthand by the researcher for a selected research purpose or project while a secondary source may be a document that relates information originally presented

elsewhere and that they are very necessary the supply and accessibility of correct information and data which will be accurate and valid.

Introduction to Data Analysis and Presentation

This chapter presents findings, which are found through questionnaire, interviews, and questionnaires were distributed to the scholars of Daffodil International University. They filled and returned them to the researcher and also more students were interviewed and that they heartily participated within the interview session with the researcher and interviews were done successfully. The findings are presented using different charts like, pie charts, bar charts and narrations with reference to the research questions and interviews, then the findings are discussed by watching what the literature has exposed and research has used Statistical Package for the Social Sciences (SPSS) and Microsoft Excel and these tools are very crucial for the analyzing of knowledge.

Demographic Profile of the respondents

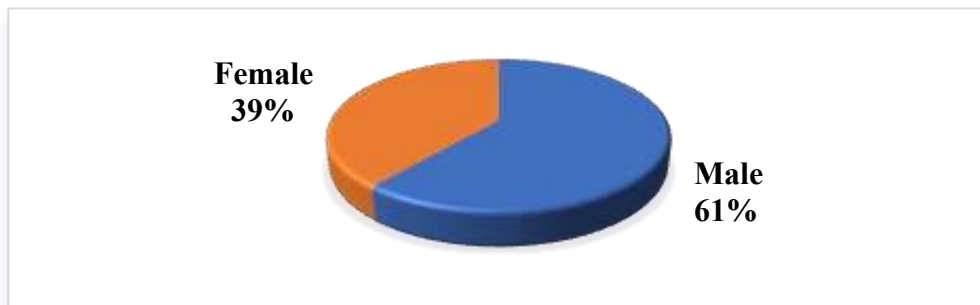


Figure 2 Gender profile

The above figure 2 indicates that the majority of the respondents were males with (61%) while the females with (39%). The study clearly defines that the majority of participants were males, and there is gender imbalance because male and female were not balancing and this caused by cultural practice also sometimes parents prefer the boys, in addition to that, they do not provide more consideration with the girl's education due to cultural barriers .There for, the researcher suggested making a lot of campaigns and efforts in order to reduce the gender imbalance and also researcher recommended parents of Bangladesh to send their girls to the educational institutions in order to get inclusive development and gender equality.

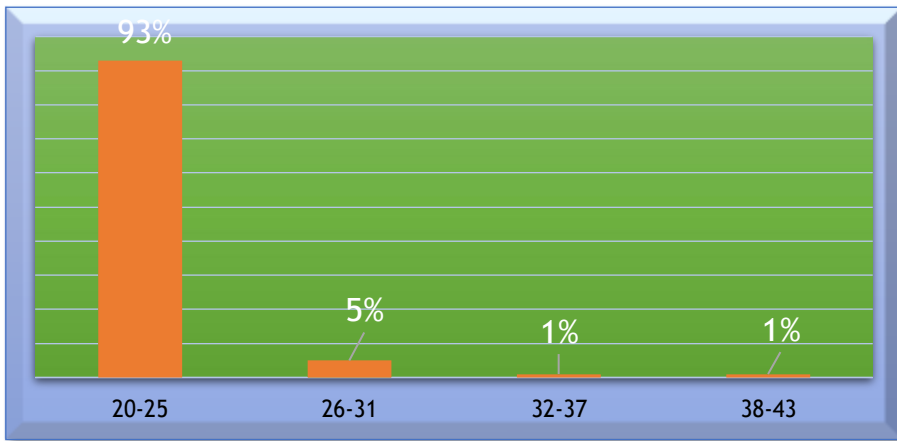
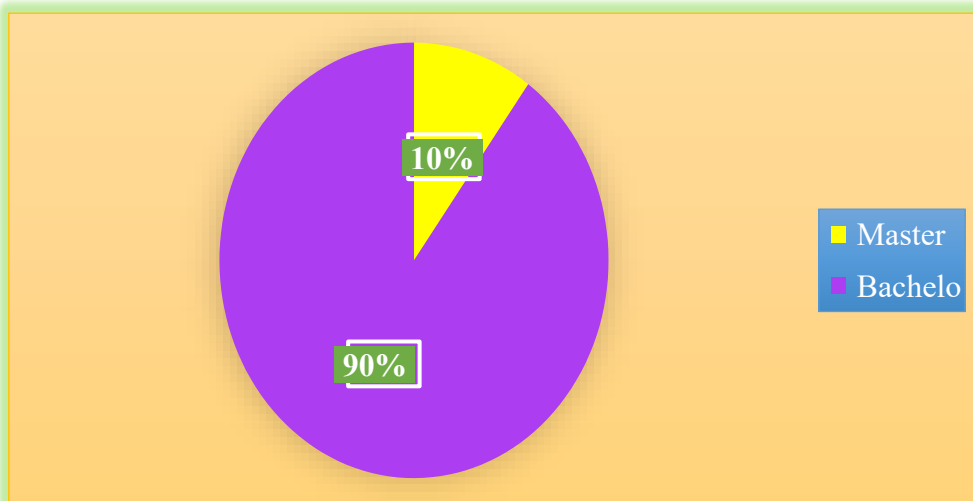


Figure 3 Age of the respondents

According to the above figure 3, the majority of the respondents were between the age of 20-25 with (93%) while the least were between the ages of 32-37, and 38 -43 consequently these age groups have the same percentage that percentage was (1%) also there were other age groups those were between 26-31 and percentage of that age groups were (5%). Hence, the finding of this study indicates tremendously that the majority of respondents were young age people.

Figure 4 Education level of respondents

The above figure 4 demonstrates the educational background of the respondents,



therefore, the majority of the respondents were bachelor level with (90%) while the least was master with (10%). It means the maximum number of the respondents were bachelor level who study at university level.

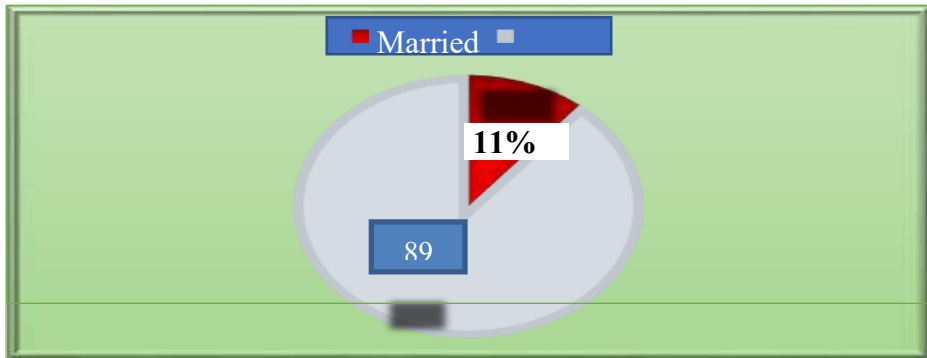


Figure 5 Marital status of the respondents

According to figure 5, the majority of the respondents were single with (89%) while (11%) were married. It means the majority of respondents were single because the respondents of this study were students, normally students focus on learning rather than marriage issues.

Positive Impact of Internet Usage on academic performance in Tertiary education

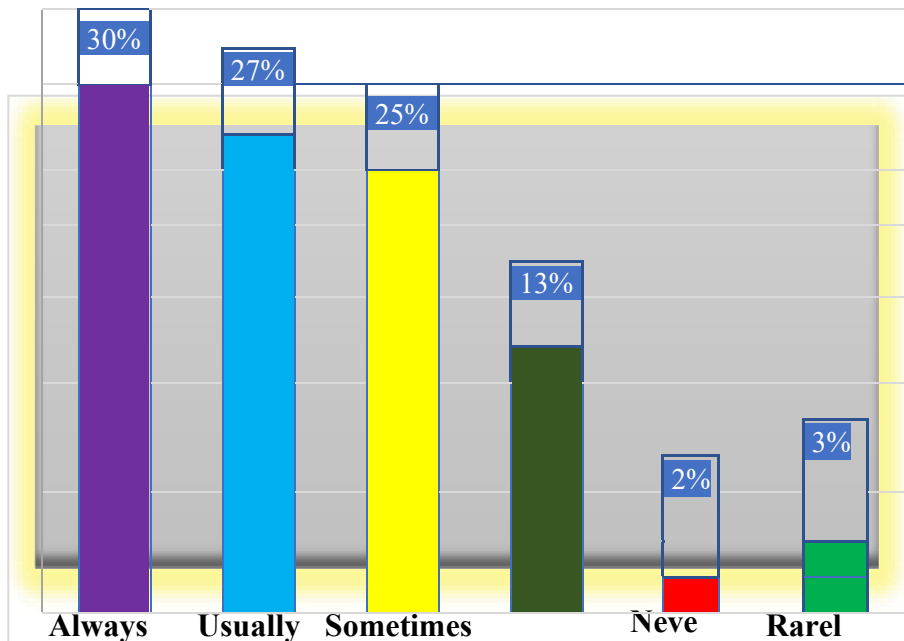


Figure 6 Completion of assignments and course works

The above figure 6 reveals that **30%** of the students said (**always**) that means the majority of the students strongly agreed that Internet helps to complete their assignments and course works on timely while **27%** of the respondents said (**usually**) which means a lot of respondents agreed that Internet helps to finish their assignments and course works on timely.

On the other hand, **25%** of the participants said (**sometimes**) that means some of the participants use Internet to complete their assignments and course works on timely, furthermore, **13%** of the respondents said (**often**) which means small number of the respondents agreed that Internet helps to complete their assignments and course works on timely and **3%** of the respondents said (**rarely**) that means very small respondents use Internet for the accomplishment of assignments and course works on timely and also **2%** of the respondents said (**never**) which means students do not use Internet to complete their assignments and course work on timely.

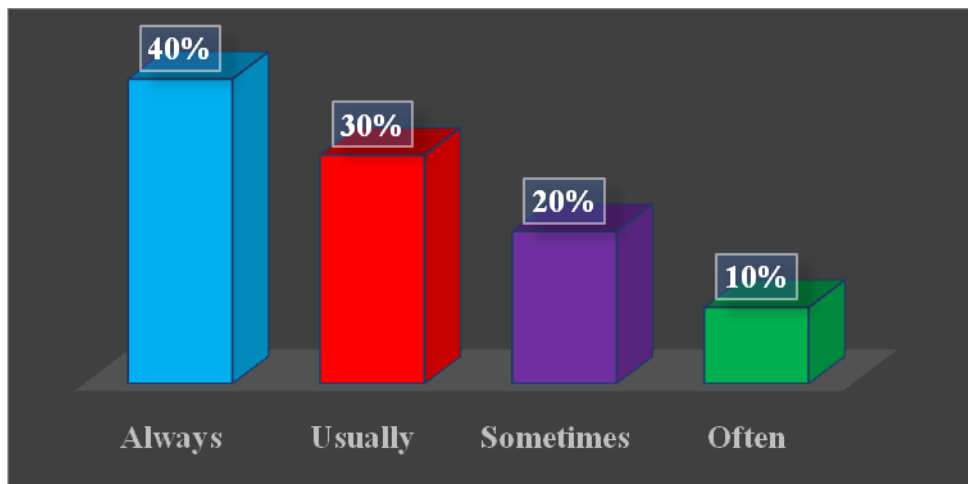


Figure 7 Searching library databases for the relevant materials

According to above figure 7 states that **40%** of the respondents said (**always**) which means the most of the respondents approved and agreed deeply that Internet allows to them to search library databases for relevant materials of their study and also **30%** of the respondents said(**usually**) that means more students have mentioned that Internet allows them to search library databases for relevant materials of their study strongly and addition to that, **20%** of the students have said(**sometimes**) the meaning of this, the participants of this study have agreed that Internet allows them to search library databases for relevant materials of their study.

10% of the respondents said (**often**) which means some of the respondents

approved and agreed that Internet allows to them to search library databases relevant materials of their study.

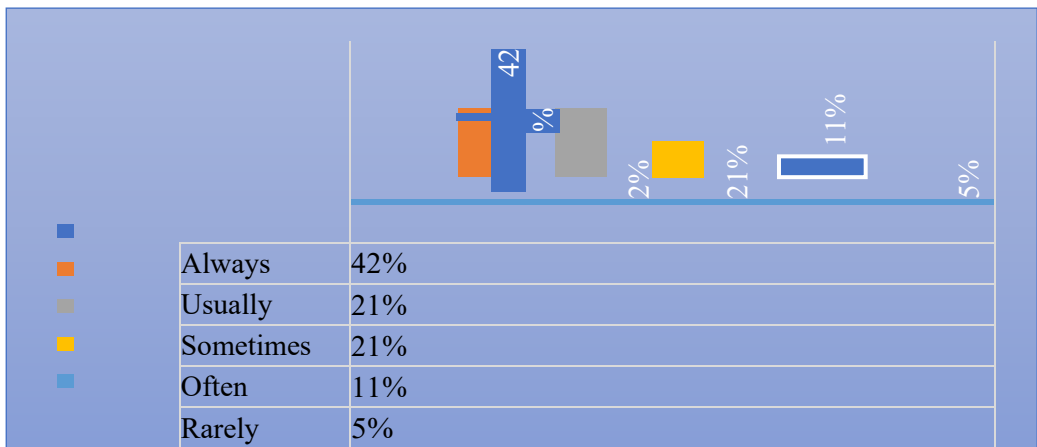


Figure 8 Communication among professors and students for course issues.

The figure 8 indicates that **42%** of the participants of this study has said (**always**) that means the maximum number of the participants have confessed that use of the Internet helps them to communicate with their professors for their course issues related. **21%** of the participants said (**usually**) which means a lot of participants have stated that Internet use aids them to communicate with their professors for their course issues related and moreover **21%** of the respondents said (**sometimes**) that means, more participants of this study have admitted that Internet use helps and supports them to communicate with their professors for their course issues related. Additionally, **11%** of the participants have said (**often**) that means some of the participants have revealed that Internet use helps them to communicate with their professors for their course issues related and also **5%** of the participants have said(**rarely**) that means some small participants agreed that internet use helps them to communicate with their professors for their course issues related.

Ultimately, the researcher has recognized that the majority of the respondents strongly agreed that the Internet use assists them to communicate with their professors for the academic issues.

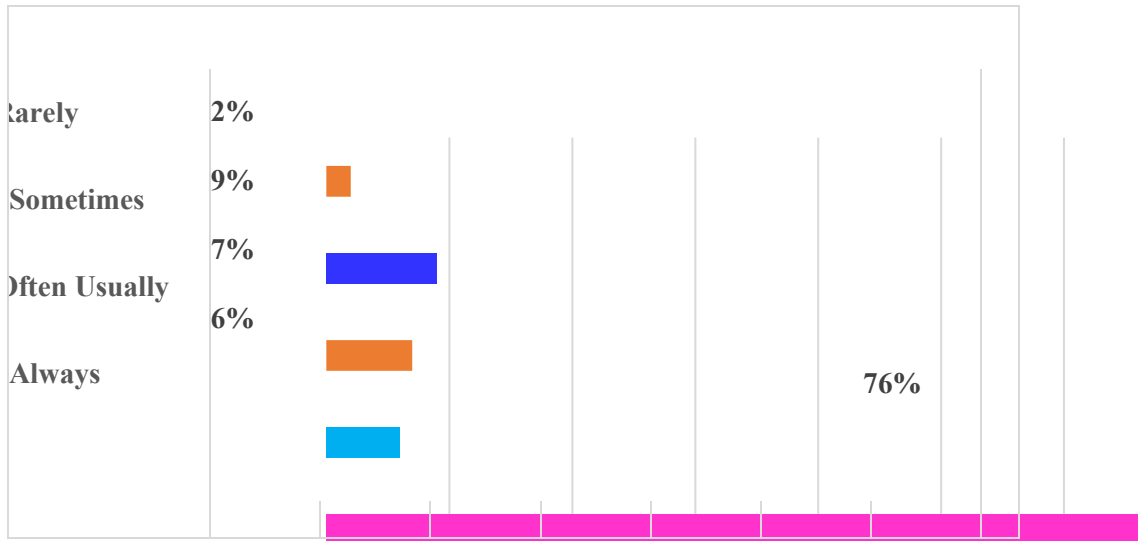


Figure 9 Communication among classmates for courses issues

Figure 9 demonstrates that **76%** of the respondents said (**always**) which means the highest numbers of the respondents of this study agreed extremely that Internet use helps them to communicate with their classmates for the course issues and the **9%** of the respondents who contributed this study also said (**sometimes**) which means few numbers of the respondents stated that Internet helps them to communicate with their classmates for the course issues and also, **7%** of the respondents said (**often**) the meaning of this, the respondents of this study approved that internet helps them to communicate with their classmates for the course issues. Besides, **6%** of the respondents have (**usually**) which means a small number of the respondents agreed that Internet helps them to communicate with their classmates for the course issues while **2%** of the respondents said (**rarely**) that means very small participants mentioned that the Internet helps them to communicate with their classmates for the course issues and researcher realized deeply that Internet use helps the students to communicate their classmates in order to make discussions about of their courses and researcher recommends to the students to avoid Internet addiction and to utilize Internet intelligently and profoundly.

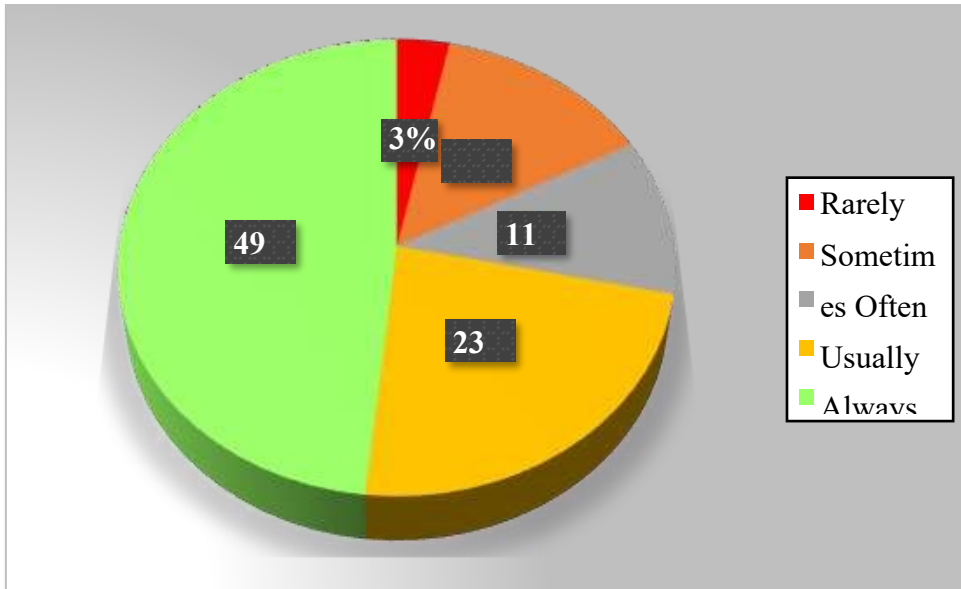


Figure 10 Broad concept and update knowledge for the courses

According to the above figure 10 shows that **49%** of the contributors who have participated this research said (**always**) and this indicates that the use of Internet gives them to get broad concept and update knowledge of their courses while **23%** of the contributors who have contributed this research also said (**usually**) and this shows us that the more students use Internet for academic purposes because they agreed intensely that the use of Internet gives them to get broad concept and update knowledge of their courses and moreover, **14%** of the participants have said (**sometimes**) which means some students use Internet in order to obtain board concept and update knowledge, additionally, **11%** of the of the students said (**often**) and the meaning of this, some students agreed that the use of Internet gives them to get broad concept and update knowledge of their courses, furthermore, **3%** of the respondents approved that the use of Internet gives them to get broad concept and update knowledge of their courses.

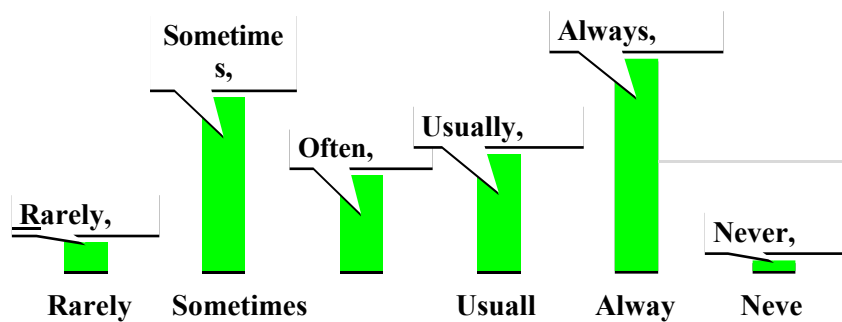


Figure 11 Examination preparation and examination grades

The above figure 11 determines that **33%** of the participants of this research said (**always**) and this shows that the majority of the students use Internet for academic reasons and the Internet enhances their examination preparation and examination grade and also **26%** of the students said (**sometimes**) that means a lot of students use Internet for academic issues because they agreed that extremely that the Internet enhances their examination preparation and examination grade, likewise, **18%** of the participants of this study said (**usually**) and they agreed that the Internet enhances their examination preparation and examination grade and also **16%** of the participants of this have said (**often**) and they confirmed and agreed deeply that the Internet enhances their examination preparation and examination grade.

On the other hand, **5%** of these respondents said (**rarely**) and they confessed rarely that the Internet enhances their examination preparation and examination grade and the real meaning of this responses are; Internet is not very necessary for examination and examination grades while **2%** of the participants said (**never**) which means two per cent of the participants do not use Internet for exam preparation and also Internet does not help and enhance the exam grades of the students, thus, researcher has confirmed that the Internet is very crucial for the exam preparation and availability of good marks reason being ninety-eight percentage of this study agreed powerfully that the Internet enhances their examination preparation and examination grades and researcher recommends them to sustain the utilization of Internet services and also respondents should avoid Internet addiction because Internet addiction can harm their attitudes and behaviors.

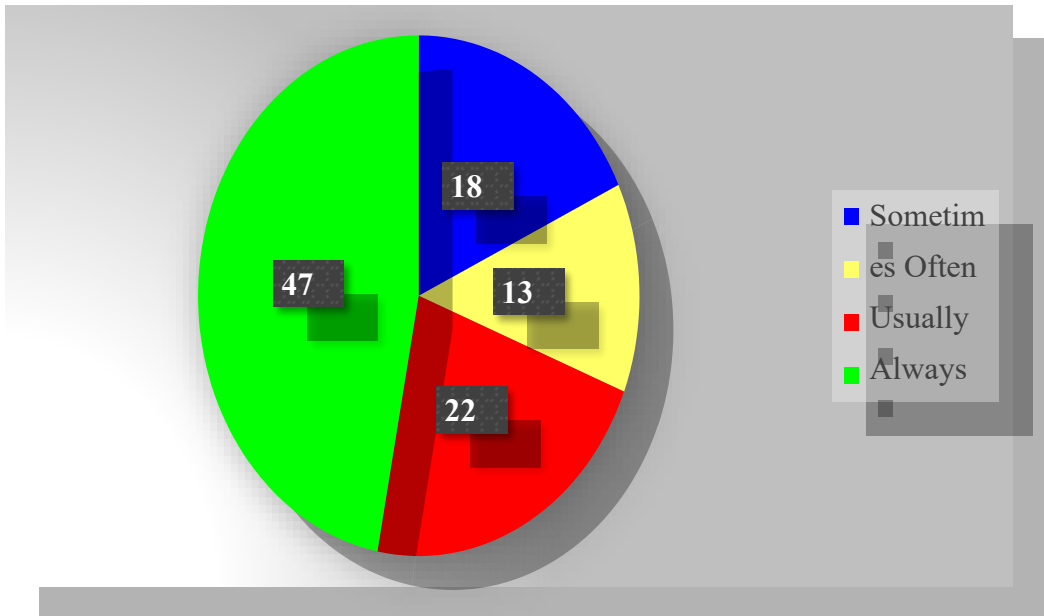


Figure 12 Understanding and reading courses easily

The above figure 12 reveals the use of the internet contributes the understanding of the course contents and also reading materials easily because 47% of the contributors of this investigation said (**always**) and that means, the majority of the participants use Internet for academic aims since forty- seven percentage of the participants approved and agreed tremendously that the use of Internet helps them the understanding and reading of their courses easily and deeply, on the other side, 22% participants of this study said (**usually**) and they agreed strongly that the use of Internet aids them the understanding and reading of their courses simply and intensely and this states us that the majority of the students use Internet for academic matters and also shows us that Internet helps students to understand simply and deeply of their courses and also 18% of the participants said (**sometimes**) which means more students use Internet for academic issues since they agreed that enormously that the use of Internet helps them the understanding and reading of their courses easily and deeply, ultimately, 13% of the participants of this research said (**often**) and they agreed that the use of Internet helps them the understanding and reading of their courses easily and deeply and researcher realizes again that Internet is very important for students.

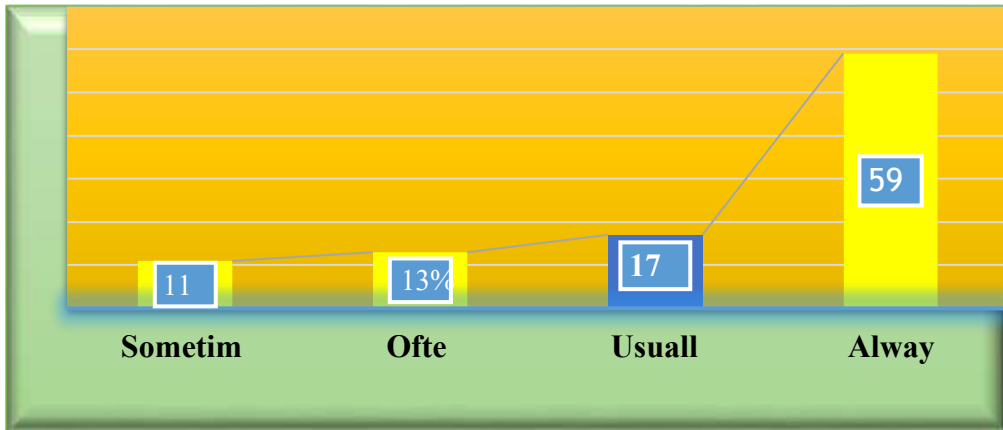


Figure 13 Availability of exam results by online and on timely

The above figure 13 exhibits that 59% of the participants have said (**always**) and this displays us that the most of the participants use Internet and they confirmed and agreed extremely that Internet assists them to obtain their results by online timely and 17% of the respondents said (**usually**) and this demonstrates that more students use Internet deeply in order to get their result by online and on timely and also 13% of the participants have said (**often**) that means a lot of students use and Internet assists them to obtain their exam results by online while 11% of the participants of this study said (**sometimes**) that means the use of Internet assists students to obtain their examination result by online & on time sometimes and eventually, researcher recognized that all the students get their exam results by online and this facilitates the Internet services and this is the good news for students.

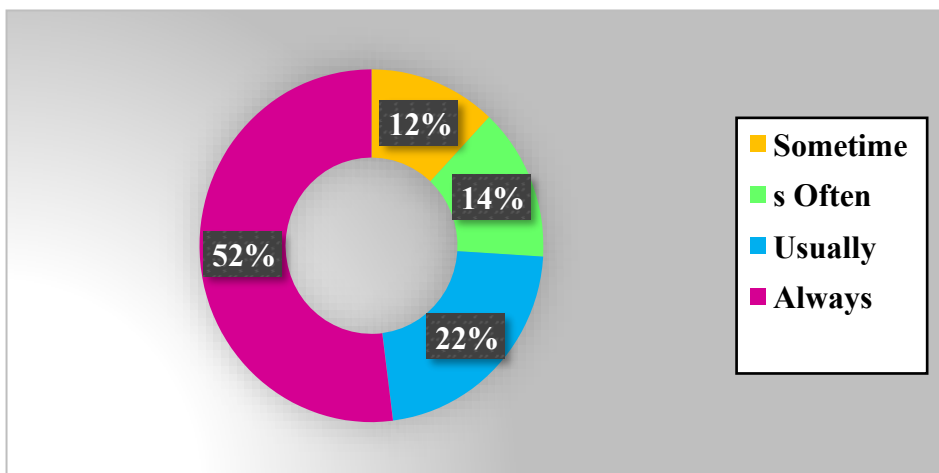


Figure 14 Availability of online courses

According to the above figure, 14 discloses that 52% of the respondents have said (**always**) and this displays us that the greatest number of the participants use

Internet because they agreed enormously that Internet helps them to get online courses which relate their current study while **22%** participants of this study said (**usually**) and this proves that massive students use Internet profoundly since these twenty-two percentage agreed that Internet use helps them to get online courses which relate their current study, furthermore, **14%** of the respondents said (**often**) which means more students use Internet in order to obtain online courses that related to their study and only **12%** of the students said (**sometimes**) that means Internet use sometimes helps them to get online courses which relate their current studies.

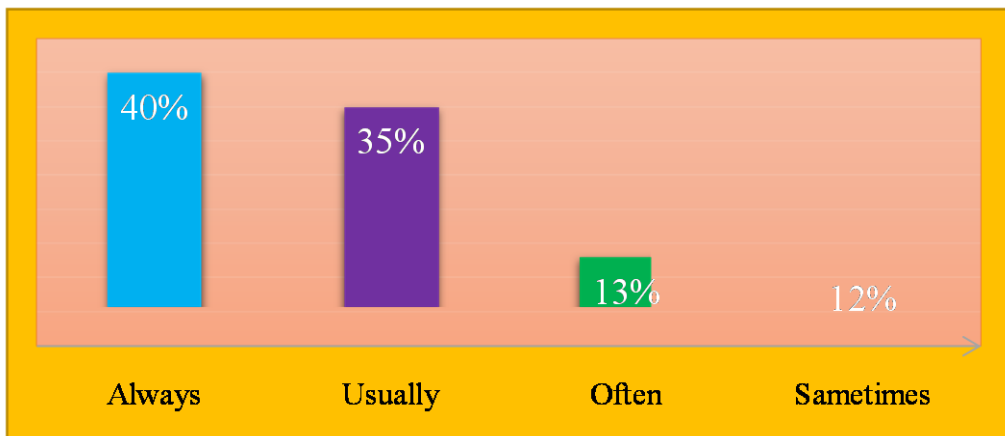


Figure 15 Obtaining learning materials from the teachers

The above figure 15 reveals that **40%** of the participants received learning materials from the teachers because they have said (**always**) and that demonstrates us that the highest number of the participants use Internet services also forty percentage of this study agreed strongly that Internet use helps them to obtain their learning materials from their teachers and also **35%** of the participants of this study said (**usually**) and this states that Internet is so crucial tool that facilitates academic daily activities because huge participants of this study agreed that Internet use helps them to obtain their learning materials from their courses teachers and additionally, **13%** of these respondents have said (**often**) which means a lot of students use Internet device in order to obtain their learning materials from their courses lectures and also **12%** of these participants have said (**sometimes**) and this indicates that Internet use helps students to obtain their learning materials from their courses teachers sometimes.

Negative Impact of Internet Usage on academic performance in Tertiary education

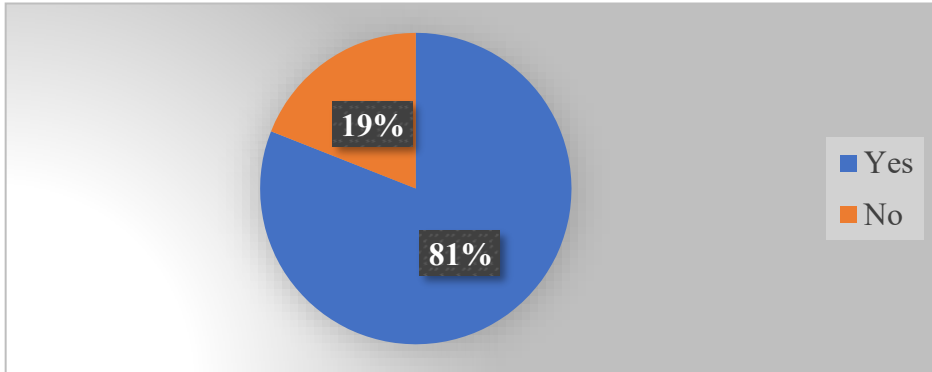
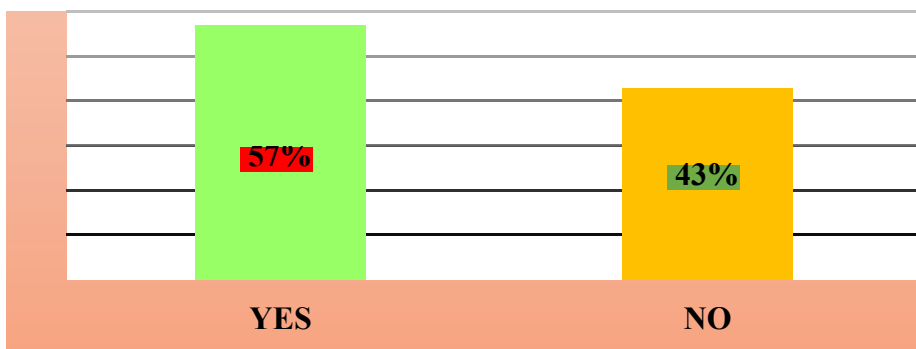


Figure 16 Reduction and disturbance of reading and learning

According to the above figure 16, the majority of the students agreed deeply that the Internet use reduces and disturbs their reading and learning time because **81%** of these participants have said (**Yes**) that means the most of the respondents of this study confessed and revealed that Internet use disturbs and reduces their reading and learning time negatively while **19%** of the participants said (**No**) that means only nineteen percentage of these respondents mentioned that Internet use does not disturb and reduce their learning time and reading time negatively.

Figure 17 Stress and examination grades

The above figure 17 discloses that the maximum number of these students approved



and agreed extremely that the Internet use causes stress that can reduce their examination grades for the reason **57%** of these respondents said (**Yes**) which means the highest number of the respondents agreed that Internet use causes stress that can decrease their exam grades and also **43%** of the respondents said (**No**) that means only forty-three percentage of these respondents have mentioned that Internet use

does not cause stress that can reduce their exam marks.

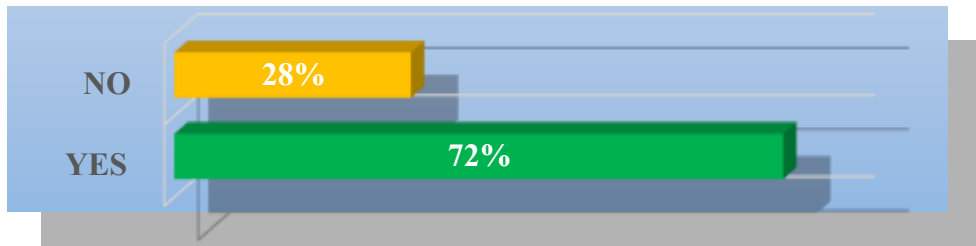


Figure 18 Reduction of attention relates to the studying time

The above figure 18 indicates that the majority respondents of this study approved and agreed that Internet use reduces of their attention that relates their studying time because **72%** of these respondents have said (**Yes**) which means the most participants of this current research confirmed and agreed intensely that Internet reduces their attention when they study something and also **28%** of these participants have said (**No**) and this shows us that small number of these students agreed that Internet use does not reduce of their attention that relates their studying time and also the responses of this question indicate us that Internet use has negative impact on academic performance of the learners.

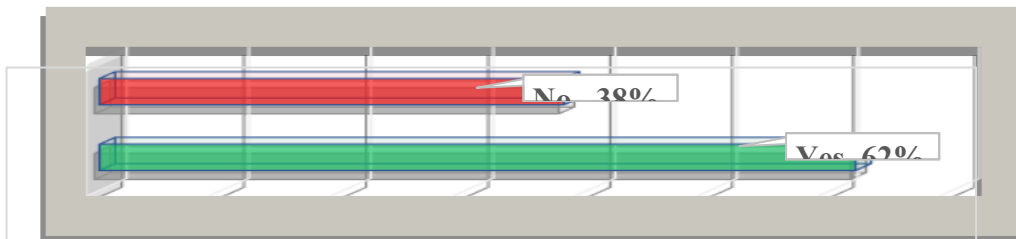


Figure 19 Loses time intended the preparation of courses

Figure 19 demonstrates us that the most of these participants said (**Yes**) reason being **62%** of these participants agreed that Internet use loses time that they intend the preparation of courses and this mentions us that the Internet has negative impact on academic performance of the students while **38%** of these participants said (**No**) that means some of these respondents have agreed that Internet use does not lose time that they intend the preparation of courses and according to answers of this question discloses us that Internet has more negative impact than positive impact.



Figure 20 Decreasing efforts towards the course work

The above figure 20 demonstrates that the highest number of the respondents agreed extremely that Internet use decreases their efforts towards their course works since **51%** of the respondents said **(Yes)** which means the greatest number of the respondents disclosed that Internet use decreases their efforts towards their course works while **49%** of the participants said **(No)** that means only forty-nine percentage of these respondents stated that Internet use does not decrease their efforts towards their course works and researcher has recognized that Internet has negative impact on academic performance of the students and he recommends to the students to prevent and avoid the negative impact of Internet uses and students should utilize Internet wisely and appropriately in order to get the best utilization of Internet services.

Importance of Internet Usage on academic performance in tertiary education

The majority of the students agreed strongly that Internet facilitates all activities of academic issues such as; preparation of assignments, comprehension of difficulty lessons, doing research work, communicating with professors and classmates, gaining of learning matters from the lecturers, obtaining results by online and availability of reliable materials of the study and also respondents have mentioned that the Internet is the best that facilitates their studies properly and deeply.

Reasons for Internet uses among students in tertiary education

The participants of this study have demonstrated the main reasons that they use Internet and they agreed and listed extremely the following reasons; social communication, academic issues, recreation and entertainment and availability of information and the most of the respondents have demonstrated and express that the Internet is the most crucial that tool that facilitates communication among world people and also they mentioned that the Internet is very essential for the facilitation of academic matters including availability of course materials.

Recommendation for participants

The majority of the respondents have agreed and suggested to prevent and avoid Internet addiction and to utilize wisely and properly for the Internet services and they suggested the following points; reduction of Internet addiction, visiting for the useful sites, prevention of harmful information, limitation of Internet uses, utilization of Internet services positively and appropriately.

Discussion, Conclusion and Recommendation

Introduction

This chapter is very essential chapter and it focuses the findings of the previous chapter and explains briefly the findings of chapter four and it suggests some recommendation which is very crucial the beneficiaries of this study after the accomplishment of this current study.

The target populations of this study were students of tertiary education level particularly Daffodil International Students who currently study at Daffodil International University but unfortunately, researcher could not able to take whole the target population because of time and cost and researcher took sample from the target population and sample of this study was 180 participants who contributed deeply of this present study and the main aim of this study was to examine the impacts of internet usage on academic performance in tertiary education level and researcher used questionnaires and interviews in order to collect information from the respondents.

Summary of the findings and discussions

The first objective of this study was to examine the impacts of internet usage on academic performance in tertiary education level and it has been achieved successfully and researcher asked to the participants of this study the negative and positive impacts of Internet Usage on academic performance in tertiary education and the most of the respondents agreed that Internet is powerful tool that facilitates their academic performance positively and they have agreed extremely that Internet has the following positive impacts; completion of assignments and course works, availability of library databases, facilitates communication between professors and students, simplifies communication among students, accessibility and availability of modern knowledge, enhances exam preparations and examination's grades, understanding and reading of the courses, availability of examination results and online courses and accessibility and availability of learning materials from the professors. For example, 66% of the respondents agreed and approved extremely that Internet use helps them to communicate with their classmates for the course issues.

The respondents mentioned that Internet has some negative impact on their academic performance and they agreed that Internet has the following negative impacts; disturbances of reading time and learning time reduces the attention of courses study, causes stress that can decrease exam grades, loses time allocation for study and Internet decreases efforts towards course works.

The second objective of this study was to state the importance of internet usage on academic performance in tertiary education level and objective has been achieved deeply reason being the maximum number of the respondents confessed and approved powerfully that Internet simplifies all activities of academic matters such as; preparation of assignments, understanding of difficulty lessons, doing research tasks, communicating with professors and classmates, obtaining of learning matters from the instructors, obtaining results by online and availability materials of the study and also participants admitted and agreed that the Internet is the best tool that facilitates to do their studies appropriately and profoundly.

The third purpose of this study was to evaluate reasons for Internet usage among students in tertiary education level s and this purpose has been achieved fruitfully and successfully because the majority respondents of this study mentioned the main reasons that they use Internet and they approved and agreed tremendously the following reasons; social communication, academic issues, availability and accessibility information in the world.

Conclusion

Ultimately, the respondents who participated this study agreed enormously that Internet has strong positive impact on academic performance in tertiary education level and also participants of this study confirmed that Internet facilitates and accelerates their academic matters because the most of the students approved that Internet contributes the comprehension of hard lessons and availability of reliable knowledge from Internet sources which helps them to obtain adequate knowledge that can improve their academic performance positively.

But misfortunately, students mentioned that Internet has some negative impacts that can harm their academic performance negatively and they told that Internet can reduce and disturb the efforts of study and loses time that they intend for study matters.

Recommendations

First, tertiary education institutions should create and make the best Internet environment that means the tertiary education institutions must provide and give free adequate Internet services for students in tertiary education level in order to obtain effective Internet services that can help and accelerate the efforts towards for their academic performance improvements and their academic daily activities and this is very crucial for the academic progress of tertiary education students.

Second, tertiary education institutions should make more awareness towards for the students in tertiary education level in order to teach the students the proper usage for of internet services and also tertiary education institution must give a lot of training about positive and negative impacts of Internet usage for students and students are able to prevent and avoid the negative impact of Internet

Third, Students should prevent avoid any Internet addictions that can harm and damage their studies negatively and they should come up with time management in order to correct their mistakes for Internet usage and this is very necessary for the student's academic development.

Four, the teachers must provide advice and consultation to the students since the teachers always involve and aware of the real situation of the students and students usually hear, listen, take and consider the advice and consultation of their teachers so that this will facilitate the deep understanding among teachers and students which eventually causes the prevention of negative impacts Internet and utilization of Internet accessibility and Internet services properly and deeply.

Five., telecommunication companies should make advancement about their Internet accessibility and Internet services and also, they attempt to make cheap for Internet services in order to the students utilize the Internet services and this is very crucial for the students because the respondents of this study agreed that Internet services facilitates their academic daily activities.

Suggestion for further research

This research focused only impact of internet usage on academic performance, therefore, the further study needs to conduct with large sample and advanced statistical analysis. So, for the deeper understanding and broader picture of social and academic use of Internet on the study cases, there is require further research

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