
***A STUDY TO DETERMINE THE IMPACT OF TECHNOLOGY ON ADVANCEMENT OF
ENTREPRENEURSHIP DEVELOPMENT IN UGANDA***

A CASE STUDY OF GBK LIMITED MBARARA

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ABSTRACT

This study was carried out to determine the impact of technology on advancement of entrepreneurship development in Uganda a case study of GBK limited Mbarara Uganda.

The study was guided by the following research objectives; to identify the impact of technology advancement and entrepreneurship development in Uganda mainly GBK Limited Mbarara. To examine the concepts of the entrepreneurship development in Uganda mainly at GBK Limited Mbarara. To examine the relationship between the technology advancement and entrepreneurship development in Uganda. A total of 70 respondents including GBK staffs which included; employees' managers both top and operational for regardless of their qualifications in the services as well as government officials. The study applied both qualitative and quantitative research designs where interviews, questionnaires and observation methods of data collection were used. Data was collected from both primary and secondary sources. Data were processed and analyzed using formal tables, pie charts, graphs, narrative text. It finally included, Data presentation, analysis and interpretation of results as well as Discussion of findings, conclusion and recommendation finally the further research studies. From the findings, 15(21.4%) said that there is relationship between technology advancement on the entrepreneurship development as the majority respondents, 14(20%) also mentioned that improve production is one the example of the relationship between technology and entrepreneurship development in the business, 12(17.2) and 12(17.2%) agreed that Optimize production and improvement of communication have an influence, as well financial recording 11(15.7%) have all

agreed that there is relationship. Massive sensitization campaigns to enrich the public about the existing technology like personal computers, desktops smartphones and tablets, social media platforms, internet technology (searching content, electronic banking, virtual technology among others since the public seem not to be aware of technology advancement that can be applied to the entrepreneurship and how significant they are in business world.

Key words: technology, advancement and entrepreneurship development

Background of the Study

Advances in technology have a huge impact on developing countries as they create new opportunities for people and make life easier through economic development in general. Organizations in both developing and developed countries today are using technology to do their jobs (Christopher et al., 2022). Advances in technology have a huge impact on countries as they create new opportunities for people and make their lives cooler. (Thank God Marie Aimee, 2020).

According to (Wolf, 200), every company, regardless of size, contributes to the economy and development of the country in which it operates. It is well known that the trade market contributes significantly to the gross domestic product (GDP) of both developed and developing countries, including Uganda (Frank et al., 2023). However, due to the changes in the economy, especially in developing countries such as Nigeria and South Africa, e-commerce platforms that improve the activities of agriculture, finance, health and other small businesses serve everyone (Lydia et al., 2023).

In East Africa, based on interviews and business research (UKaid, 2020), we have identified several potential areas in the ICT industry that are suitable for businesses, particularly small businesses (Tasha et al., 2023). As more and more people in the region use computers and smartphones to access apps, a well-designed, user-friendly

and intuitive website will be the foundation for delivering on its message, delivering on its promises and improving their health (UKaid, 2020).

Problem Statement

Today, the continued spread of Covid-19 has affected many businesses and various types of businesses. Also, the world economy has changed due to Covid-19, and the world has changed a lot due to the Covid-19 pandemic, hence the collaboration of technology output, hence digital organizations such as remote working, web-based systems. government. and Organizations define the different roles of Technology in Business (Oromo et al., 2017)

ibid, 2023). Researchers continue to identify the need for technology development in organizations, for example, technology is expensive to install and maintain, there are no specialists to manage projects, employees do not have adequate training and knowledge and as a result they go down and use technology at GBK Limited Technology makes them less effective, less effective, insecure and will not save time, thus affecting poor performance (Isaac et al., 2023). However, the Ugandan government and other organizations are working through the Ministry of Information Technology, Uganda Institute of Information and Technology, Ministry of Education and Sports, Engineering and by providing money, goods handling and experts and providing necessary services from SACCOS. work. Wealth Creation, Emyooga projects and others. provides education (Allan et al., 2023).

Although government and NGOs try to promote and solve economic problems, it is important to us that there are some challenges that affect the progress of organizations and lead the researcher to investigate the impact of technology on business development GBK Limited Mbarara, Uganda .

Objectives of the study

- To identify the impact of technology advancement and entrepreneurship development in Uganda mainly GBK Limited Mbarara.*

- *To examine the concepts of the entrepreneurship development in Uganda mainly at GBK Limited Mbarara.*
- *To examine the relationship between the technology advancement and entrepreneurship development in Uganda.*

Research question

- *What is the impact of technology advancement and entrepreneurship development in Uganda mainly GBK Limited Mbarara?*
- *What are the concepts of the entrepreneurship development in Uganda mainly at GBK Limited Mbarara?*
- *What is the relationship between the technology advancement and entrepreneurship development in Uganda?*

Methodology

Research design

The study used descriptive research design and this design helped in understanding the impact of technology advancement on the Entrepreneurship Development in Uganda, a case study of GBK Mbarara City. The research design used both qualitative and quantitative methods. Qualitative included the use of respondents' responses as themes that was developed based on the research questions. However, quantitative approaches involved the use of descriptive statistics generated with frequency tables, graphs, and Charts.

Population of the study

The target population of this study constituted by all the GBK staffs, employees' managers both top and operational for regardless of their qualifications in the services as well as government officials which has been active for at least 2 years. Therefore, the study targeted 70 respondents in number mainly at GBK limited. This population was chosen because it was in position to give accurate views concerning Technology advancement on entrepreneurship development in GBK Limited Mbarara.

Sampling Procedure

The study adopted both stratified random and purposive sampling. Stratified random sampling was used to guide the selection of smallholder of business. Purposive sampling was used to select a good representation of the key informants and these included educators, business owners, community members (consumers) and government officials. The key informants was selected because of their knowledge and experience about this study of the impact of technology advancement on the entrepreneurship development.

Data collection methods and instruments

Data was collected from both primary and secondary data sources. The primary data sources comprised of questionnaire, interviews and documentary review.

Primary data

This included the data obtained directly from the respondents including the shareholders, (Employees), operational managers and other government officials. This data shall be obtained through interviews, questionnaires and or by observation methods.

Secondary data

This included the data from written literatures and records for example, from the organisation records, government journals, magazines, textbooks, newspapers and cost center records related to developmental journals.

Data Analysis

Since qualitative and quantitative data was collected, the study employed both qualitative and quantitative methods of data analysis respectively. Qualitative data analysis approach was used included summarized, categorized and connected content of the interviews. Quantitative data was analyzed using frequency and percentages using SPSS (Nelson et al., 2022).

RESULTS

Impact of technology advancement and entrepreneurship development in Uganda mainly GBK Limited Mbarara

From the field study, the respondents were asked if technology advancement has impact on entrepreneurship development in Mbarara city mainly GBK Limited Uganda. These answers were given;

Table 1: Showing responses on if farming has an impact on people's status

Response	Business owners		Educators		Consumers	
	Number	Percent	Number	Percent	Number	Percent
Yes	40	100	20	100	10	100
No	0	0	0	0	0	100
Total	40	100	20	100	10	100

In reference to table 1 above all 40(100%) business owner respondents said technology advancement has impact on the entrepreneurship's development. Equally all 20(100%) educators and 10(100%) consumers' respondents all said the technology advancement have an impact on the entrepreneurship development mainly in Mbarara city.

Table 2: Indicators of technology advancement have an impact on the entrepreneurship development in the area of the study.

<i>Indicator of impact</i>	<i>Number of respondents that mentioned the indicator</i>	<i>Percent (%)</i>
<i>Increase productivity</i>	25	35.7
<i>Increase security</i>	25	35.7
<i>Time saving</i>	20	28.5
Total	70	100

Source: Field Data, 2022

From the table 2 above; of the total 70 respondents, 25(35.7%) and 25(35.7%) said technology advancement has led Increase productivity, increasing security of the businesses in Mbarara exemplified by many high rates of development of businesses due to technology. Also 20 (28.5%) other respondents mentioned that there is time saving when businesses apply for the technology based on the respondent's time saving have increased productivity, profitability among other impacts onto the businesses hence the growing of the entrepreneurship development.

The relationship between the technology advancement and entrepreneurship development

Table: 3 The relationship between the technology advancement and entrepreneurship development

<i>Relationship between</i>	<i>Number of respondents that mentioned the relationship</i>	<i>Percent%</i>
<i>Drive growth</i>	15	21.4
<i>Improve operations</i>	14	20
<i>Optimize production</i>	12	17.2
<i>Improve communication</i>	12	17.2
<i>Financial recording</i>	11	15.7
<i>Improve inventory management</i>	6	0.5
Total	70	100

Source: Field Data 2022

From the table 3 above; of the total 70 respondents, 15(21.4%) said that there is relationship between technology advancement on the entrepreneurship development as the majority respondents, 14(20%) also mentioned that improve production is one the example of the relationship between technology and entrepreneurship development in the business, 12(17.2) and 12(17.2%) agreed that Optimize

production and improvement of communication have an influence, as well financial recording 11(15.7%) have all agreed that there is relationship. Finally, 6(0.5%) respondents are positive on the improve inventory management to the technology advancement and entrepreneurship development. Therefore, it implies that there is big indicators shows that technology advancement on the entrepreneurship development.

Conclusions

From the finding there is need for various stakeholders in the Business sectors to improve the technological infrastructure on the entrepreneurship sector or field by putting more efforts on the electronic work-based services and products as this will enable them reach a large number of customers, flexibility, interactivity and greater accessibility compared to conventional work based/offline based. There is need for Business to heavily invest in technology as this will highly encourage the use of electronic based technologies and this will influence the organization performance of businesses.

Recommendation

Massive sensitization campaigns to enrich the public about the existing technology like personal computers, desktops smartphones and tablets, social media platforms, internet technology (searching content, electronic banking, virtual technology among others since the public seem not to be aware of technology advancement that can be applied to the entrepreneurship and how significant they are in business world.

More comprehensive research and in this case, it should be a survey where several small and medium business should be included in the survey to bring more insights about the phenomenon. Topics such as the impact of use of technology on small and medium enterprises/business should be conducted and this should be by the help of business entrepreneur to support such research project financially. Purchase of more modern technology machines to increase on the speed and efficiency. Besides this would control / avoid channel conflict since it affects client's business world.

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