



A CRITICAL STUDY IN PRESENT DIGITAL SCENARIO, NEED FOR DIGITAL EDUCATION AND AWARENESS IN INDIA.

¹SHAIENDRA RAJPUT, ²ANKIT SHARMA

¹Ph.D. RESEARCH SCHOLAR, ²ASSISTANT PROFESSOR

¹AMITY LAW SCHOOL, ²SCHOOL OF LAW

¹AMITY UNIVERSITY MADHYA PRADESH GWALIOR (M.P.) INDIA, ²ITM UNIVERSITY GWALIOR (M.P.) INDIA

Abstract: Education has been an essential part of human life since ancient times. Education has helped enhance the quality of human life and enabled humans to live life in a better way and understand life so that he can live his life in a better way and learn new things. Through education people can experiment and invent new things which help them to improve their lives so the most important part of people's life if any is education. An educated person can understand the difference between good and bad outcomes of his actions. This helps him to realize the importance of education in his life and make life better by establishing a better attitude. Technology has become an essential part of human life. In the present time human beings are constantly working on new inventions by the use of technology to improve life. In such a situation along with the knowledge of technology people should also have necessary information about both its positive and negative aspects. For this people should be made aware through education.

Keyword-Awareness, Digital Education, Technology, Development, Technology.

1. INTRODUCTION

In present era technology has brought about big change in the human life. People from other countries have come and taken education in India and spread that education all over the world. So all over our country people have an understanding of spirituality, morality and tradition. In India tradition and spirituality were an important part of people's life but gradually the lifestyle of people changed with the coming of new inventions. Technologies lead to the invention of computer, mobile and internet. These inventions changed

the world. Now sitting in any corner of the world one can talk to another person through mobile. Through the use of internet photos can be shared and video calling can be done. Also important documents can be transferred over internet, business can be done, and one can educate himself. Various other tasks have also become easy with the use of internet. In this way the whole world has become one. Technology has brought people close to each other. With the passage of time the demand for technology in life has increased and in a developing country like ours technology is slowly becoming an essential part of people's life. India is a developing country where most of the people still live in the villages and they are not well educated as compared to the developed countries where the education level of the people is high. Because India is an agricultural country a large percentage of population of our country still lives in rural areas where the educational infrastructure is still not adequate that is the reason why a large percentage of our population is not well educated. India is a developing country so it is making progress in every field to make life better for its people by using its available resources. Technology is now playing a key role in the development of every country. Whether it is building big bridges, setting up big industries and construction of high speed rail transport system, construction of modern highways or other inventions technology is being used increasingly in every sector. In terms of technological advancement India is taking big strides and the day is not far when India will be included in the technologically advanced nations of the world. But the pace at which technology is becoming an important part of people's daily life people at the ground level do not want to be left behind in the use of technology. People at the ground level are also increasingly getting access to technology. They are also starting to use technology in their lives to improve their lives and to communicate with people around the world. But the necessary understanding of technology is not there among the people at the ground level. Due to lack of knowledge about its negative consequences and the risks associated with the increasing use of technology people become victims to cybercrime. Mobile phones, computers and other electronic devices are regularly targeted by cyber criminals. Various forms of cyber-crimes are committed by criminals for making economic gain. In such a scenario people who are living at the village level or in small towns or in big cities who do not know about the negative aspect of technology they often fall prey to such cyber criminals. People adopt technology in their

lives with a sense of utility but sometimes unknowingly due to lack of information they get caught in the negative effects of technology and sometimes they have to suffer financially and mentally due to this by getting caught in the clutches of cyber criminals. In such a situation it is very important that people at the ground level should be made aware of its positive and negative effects by running digital awareness programs. Both aspects should be covered in such programs to make people aware. Cyber-crime related programs should be integrated with digital awareness curricula in schools and other educational institutions so that students develop an understanding of technology from the very beginning and are able to make safe use of technology. From time to time awareness programs should be conducted among the people through newspapers, news channels or through digital awareness programs so that necessary understanding can be developed among the people and people can be saved from cyber-crimes.

II.DIGITAL EDUCATION

India is still a developing country where extensive changes are taking place in all fields. The country wants to stand in the category of leading countries with the help of technology and innovation. In such a situation people from all walks of life, from village level to small towns, as well as from big cities and from school to higher education should be educated and made aware about technology. But even today there are various obstacles being faced by people in our country to gain access to quality education. In such a situation, education can be provided to them by running digital education awareness programs, and people can be educated on topics like cybercrime. By running awareness campaigns incidents of cyber-crimes can be avoided among the general public. By running awareness programs in rural areas, small town etc. from time to time by the experts in the field of technology and cyber-crimes people should be made aware about various forms in which cyber criminals target their victims. Awareness about cyber-crimes can also be spread through short films and campaigns. Education should be provided about both the positive and negative aspects of technology. Children should be educated in schools about the knowledge of computers as well as such essential technologies used in human life which are used by every section such as mobile and internet. Useful information about cyber-crimes and precautions which should be taken to avoid cybercrimes should be added to the curriculum and children should be made aware by conducting seminars and digital literacy programs from time to time. Such programs should be conducted in higher educational institutions as well. Higher educational degrees in the field of Engineering, Medicine, Arts, Law, etc should have a subject related to modern technology and digital education at college level by conducting awareness campaigns through seminars by technology experts from time to time. Awareness campaigns should be run so that necessary understanding about technology can be developed among people so that technology can be used in a better way in the progress of the country and development of all people can be done through modern technology and innovations.

III.STATEMENT OF THE PROBLEM

India is a developing country where development is happening in every field by implementation of modern technology and innovations. People's dependence on technology is increasing and technology has gained an important place in people's lives. From rural areas to big metropolitan cities technology has become a very important part of our daily lives. As is the case with every new invention made by humans which can be used in a positive way and also in a hazardous manner technological innovations can also have positive and negative consequences. Therefore it becomes very important to use it carefully otherwise its negative effects can be witnessed in the form of cybercrime. Cybercrimes has emerged as a serious problem and the best way to avoid this problem is by spreading awareness through digital literacy and education and making people aware of the positive and negative consequences of technology so that they can avoid unnecessary problems. Education in India has not yet reached widely at the village level. In such a situation it has been a difficult

task to make people aware about digital literacy because to develop an understanding about technology basic knowledge of computer and English is necessary. At the primary level the understanding of technology cannot be gained unless people study about it, but awareness can be spread among people even without educating them which can be easily understood by people and they can become aware of the negative consequences of technology and its proper and safe use.

IV.THE RESEARCH OBJECTIVES

1. To look at current problems in digital awareness for controlling and preventing cybercrime.
2. To measure the efficiency of present education system in spreading digital awareness.
3. To identify the issues that the current education system has in dealing with cybercrime related awareness.
4. To offer a model awareness system in India related to the positive and negative effects of technology.

V.RESEARCH METHODOLOGY

The research will be doctrinal and non doctrinal. Data will be collected through both primary and secondary sources and the questionnaire will be prepared as a source of data collection.

Data for research work was collected through questionnaire. People were asked to state their opinion based on the options given in the questionnaire which were as follows:

(a) Strongly Agree (b) Agree (c) Neutral (d) Disagree (e) Strongly Disagree.

VI. DATA SURVEY QUESTIONS

Question-1-Do you agree that in present time technology has become an essential part of people's life?

Option-(a) Strongly Agree (b) Agree (c) Neutral (d) Disagree (e) Strongly Disagree.

Level of Opinion		N	%
(a)	Strongly Agree	158	52.6
(b)	Agree	123	41.0
(c)	Neutral	11	3.6
(d)	Disagree	6	2.0
(e)	Strongly Disagree	2	0.6
Total		300	100.0%

Question-2-Do you agree that people use technology like computer, mobile, internet and other necessary device/applications but there is lack of necessary information about technology and such government digital schemes?

Option-(a) Strongly Agree (b) Agree (c) Neutral (d) Disagree (e) Strongly Disagree.

Level of Opinion		N	%
(a)	Strongly Agree	161	53.6
(b)	Agree	120	40.0
(c)	Neutral	10	3.3
(d)	Disagree	8	2.6
(e)	Strongly Disagree	1	0.3
Total		300	100.0%

Question-3-Do you agree that the lack of digital literacy and education among the people are the main cause for growth in cybercrime?

Option-(a) Strongly Agree (b) Agree (c) Neutral (d) Disagree (e) Strongly Disagree.

Level of Opinion		N	%
(a)	Strongly Agree	156	52.0
(b)	Agree	130	43.3
(c)	Neutral	5	1.6
(d)	Disagree	4	1.3
(e)	Strongly Disagree	5	1.6
Total		300	100.0%

Question-4-Do you agree that digital awareness and education is a better medium to make people aware about the utility and need of technology in daily life?

Option-(a) Strongly Agree (b) Agree (c) Neutral (d) Disagree (e) Strongly Disagree.

Level of Opinion		N	%
(a)	Strongly Agree	155	51.6
(b)	Agree	135	45.0
(c)	Neutral	5	1.6
(d)	Disagree	2	0.6
(e)	Strongly Disagree	3	1.0
Total		300	100.0%

Question-5-Do you agree that digital education cannot be achieved in a short time but necessary understanding on technology can be developed through digital awareness programs?

Option-(a) Strongly Agree (b) Agree (c) Neutral (d) Disagree (e) Strongly Disagree.

Level of Opinion		N	%
(a)	Strongly Agree	155	51.6
(b)	Agree	130	45.0
(c)	Neutral	10	1.6
(d)	Disagree	2	0.6
(e)	Strongly Disagree	3	1.0
Total		300	100.0%

Question-6-Do you agree that by adding digital education to the school curriculum the necessary understanding on technology can be developed in a better way.

Option-(a) Strongly Agree (b) Agree (c) Neutral (d) Disagree (e) Strongly Disagree.

Level of Opinion		N	%
(a)	Strongly Agree	145	48.3
(b)	Agree	135	45.0
(c)	Neutral	10	3.3
(d)	Disagree	2	0.6
(e)	Strongly Disagree	8	2.6
Total		300	100.0%

Question-7-Do you agree that digital education related courses should be included in all academic degrees so that the necessary understanding on technology can be developed?

Option-(a) Strongly Agree (b) Agree (c) Neutral (d) Disagree (e) Strongly Disagree.

Level of Opinion		N	%
(a)	Strongly Agree	145	48.3
(b)	Agree	125	41.6
(c)	Neutral	15	5.0
(d)	Disagree	2	0.6
(e)	Strongly Disagree	13	4.3
Total		300	100.0%

Question-8-Do you agree that education has a direct relation with technology?

Option-(a) Strongly Agree (b) Agree (c) Neutral (d) Disagree (e) Strongly Disagree.

Level of Opinion		N	%
(a)	Strongly Agree	125	41.6
(b)	Agree	160	43.3
(c)	Neutral	5	1.6
(d)	Disagree	7	2.3
(e)	Strongly Disagree	3	1.0
Total		300	100.0%

Question-9-Do you agree that it is necessary to be educated to understand technology?

Option-(a) Strongly Agree (b) Agree (c) Neutral (d) Disagree (e) Strongly Disagree.

Level of Opinion		N	%
(a)	Strongly Agree	135	45.0
(b)	Agree	145	48.3
(c)	Neutral	10	3.3
(d)	Disagree	7	2.3
(e)	Strongly Disagree	3	1.0
Total		300	100.0%

Question-10-Do you agree that the future cannot be imagined without technology?

Option-(a) Strongly Agree (b) Agree (c) Neutral (d) Disagree (e) Strongly Disagree.

Level of Opinion		N	%
(a)	Strongly Agree	130	43.3
(b)	Agree	140	46.6
(c)	Neutral	15	5.0
(d)	Disagree	7	2.3
(e)	Strongly Disagree	8	2.6
Total		300	100.0%

DATA ANALYSIS RESULT QUESTION-1st to 10th

On the above questions most people have strongly agreed or agreed that digital awareness and education is very necessary at present. Through digital awareness better understanding and information about useful e-services and other useful services required in daily life can be acquired. In the survey people have given their opinion about how to avoid cybercrime and how to use technology in a safe manner. In India it is a difficult task to develop the necessary

understanding of technology in places which are away from the cities where the education level is low. In such a scenario digital awareness program is a better medium through which this can be achieved in a short period of time. People can be told about both good and bad consequences of technology and necessary understanding of technology can be developed. But digital education cannot be provided in a short time. In our country lack of literacy and low education level is a major hindrance in spreading digital literacy which can help people become aware about cyber-crimes. To overcome this first of all people will have to be educated then they will be able to educate themselves about technology and understand it in a better way. To achieve this awareness programs in the form of campaigns and short films can be organized in villages as well as small towns. Along with this people should be made aware and educated so that people can deal with technology in a safe manner. Through digital awareness people will develop an understanding about technology. Digital awareness and literacy can be made a part of school curriculum and academic degrees so that the students can develop the necessary understanding and can make better use of technology in their future and make inventions and innovations in the field of technology.

VII. DIGITAL EDUCATION AND AWARENESS IN INDIA

In the present scenario of increasing digital globalization, technology has become an indispensable part of human life. In such a situation no country wants to be left behind and without technology the future cannot be imagined. In the present times technology has become one of the necessities of life. In India also the growth of technology in every field can be easily witnessed. Technology is being utilized in every sector whether it is business or education or construction or any other sector. As a country India aspires to improve in every field by making use of technology to its full advantage. At present technology is being used by developed countries as well as developing countries in doing online business with each other. Such cashless transactions and exchange of information are being done online. Therefore it is necessary to have the necessary understanding and knowledge of technology. Even in India people have adopted technology as an essential part in their lives. Thus in order to make business, education, exchange of information safer and to remove unnecessary difficulties in people's lives and to make life easier through digital technology various digital awareness programs have been introduced by the government from time to time. The government is also promoting digital payments as a result of which many applications have been developed for cashless payments. Applications to cater to various business needs have also been developed.

The government and the industry are continuously working together to provide better mobile and network coverage throughout the country so as to facilitate e-business and e-commerce activities. Digital infrastructure development has been done for digital signature, e-payment facility and digital infrastructure development like Digi-Locker, UPI for online money transfer, etc. Continuous innovation and research and development are being done to make India's digital infrastructure at par with the global standards. Various schemes are being run so that people have a better understanding of technology. It is necessary to have the basic understanding and knowledge about technology because the level of education at the ground level is still worrying. In such a situation a certain level of awareness about technology is essential for the people from all walks of life so that they can make use of technology in their day to day life which will help them become more efficient and productive.

VIII. CONCLUSION & SUGGESTION

Although education is the primary medium by which people can enhance the overall quality of their lives. Through education people develop an understanding by which they learn to differentiate between good and bad. Education makes a big difference in every aspect of a man's life. If any person lacks education and is not aware then there is a possibility that he may find himself trapped in unnecessary risk. In such a situation education is the only light which dispels the darkness from life and provides the necessary understanding between good and bad. At present people's dependence on technology is increasing in the country. In such a situation it is necessary that people should be aware and alert about both the good and bad aspects of technology. India is a country in which digitization is happening in every field at present due to which progress is being made in every field. Digitization can help people get better facilities, so that life can become easy. In order to improve our lives it is necessary to have knowledge about technology and digitalization and it is very important to have awareness among people about this subject. It is often seen that technology is being used by people in big cities as well as at the village level. During the corona pandemic period it was seen that due to the imposition of lockdown most of the work was done from home whether it was online education, online business or other online work. Technology has proven that a lot of the problems can be solved through its use. It has been experienced during the past two years that technology can help us face many challenges in life. Through the use of technology life can be made better and work can be done in more efficient manner. Technology is now being used extensively at the village level too and people are now beginning to understand the importance of technology in their lives.

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