

## IMPACT OF INFORMATION TECHNOLOGY ON SOCIAL VALUES

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### ABSTRACT

*Information and Communication Technology (ICT's) have gained lot of attention in today's global ultramodern society. Information Technology has been defined by the Information Technology Association of America (ITAA) as being 'the study, design, development, Implementation support and operation of any computers to convert, store, process, retrieve and transmit any information'. ICT comprise a complex and miscellaneous set of goods, operations and services used to produce, distribute and transfigure information. The ICT sector consists of telecommunications, TV and radio, computer tackle and software, internet and electronic correspondence. ICT also includes traditional means like journals and magazines, fixed telephone lines, mobile phones. Information and Communication Technology (ICT) encompasses the collection, capture, processing, storehouse and transmission of information. Information Technology includes operation of data, networking, manufacture of engineering computer tackle, software design, data base design and administration of system. ICT encompasses a wide term which enables different forms of communication to grease information between humans and electronic technologies. No doubt, Information Technology (IT) has come a potent force in transubstantiating social, economical and political life encyclopedically. Without its objectification in this age, there's little chance for countries to develop. On the other, it has also created a digital division where women were affected the most. Thus if these technologies aren't linked directly to our economical and social developments, also women will come more marginalized. Therefore, IT can prove to be an important tool in meeting social values and social requirements. It can be an important tool for the achievement of the societal change and impact. This exploration will help in making this evaluation more and more transparent.*

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**Keywords:** *Implementation, Technology, Achievement, Economic, Social, Internet, Communication.*

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### Introduction

Poverty, ignorance, computer ignorance, time, geographical position, language etc are the main constraints that numerous women faced from the benefits of technology. A UNESCO report on 'Gender Issues in the Information Society' points out that the capability of women to effectively use ICT depends on social factors like knowledge, education, geographic position, mobility and social class. Looking from the technology perspective, ICT has increased and widened gender gap. From the field work result, women in the specialized education and other IT related jobs are underrepresented than men. Nonetheless, as away in the world, women issues remain at the bottom of policy dockets. In comparison to men, women remain underprivileged especially in ICT sectors with a minimum participation and representation in ICT job. The condition of women varies from country to country. One common problem faced by every country is that women are in the nonage of ICT users in both developed and developing countries. For illustration, in Spain women are underrepresented in technology related studies and occupations. Women engagement in computer wisdom is on the drop. This is the reason why special attention is paid to women in developing countries for social development in the country, on how ICT can be a tool of empowerment and equivalency. In the rural villages and developing nations, ICT penetration is slow. Thus, capabilities of ICT development come a grueling task to women in particular. Information

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and Communication Technology (ICT) which is serving as a catalyst for development is been divided into two contrary dialogues. Some people asserts on the positive impact of technology while others believe ICT is responsible in bringing the digital peak. The new information age specifically the mobile technology has the implicit to exclude poverty and empower economical growth in the developing countries.

### **Information Communication Technology and Society**

With the onset of the 21st century, ICT has come an integral part and a potent force in the social, economical and political spheres. Technologies have revolutionised the whole outlook of human life and marks the dawn of a new information society. The new network society generates new ways of product, trading and communication. Thus, Information Technology has come a major machine of growth in numerous countries which secure liaison to international markets and global product networks as well. For numerous countries in the early 21st century development is primarily seen as being concerned with economical growth. Still, this is only one perspective and others prefer to emphasize development with participation and empowerment in effective experimental practice. In the last quarter of the 20th century, the new technological world gave rise to a worldwide scale of development which becomes instructional, globalised and networking. Our society has come interdependent, important, precise and yet, flexible. ICT is frequently linked as a key to ameliorate the resource allocation process and to more efficiently apply programmes. ICT is indeed generating new possibilities to attack problems of poverty and inequality. Despite these huge openings, women's (which is half of human population) participation in IT growth is considered as low status in Indian environment. IT's openings is open to women for entrepreneurship. Still, it has come accessible only to the fairly well out and educated sections of the society and the poor people don't get the same openings. In the case of India, mass media similar as journals and magazines, radio and TV have a wide reach each over but computer, internet and mobile services are available substantially in the municipalities and metropolises. Therefore, women from rural areas progress come slowly. Still, to achieve a true sense of equal openings, it's essential to remove the gender inequalities.

### **Social Change and Information Technology**

Information Technology has come an important tool in transubstantiating social, political and economical life. Every developed and developing country has incorporated ICT for a progressive thing and without which there's little chance for a country to develop and will further lead to a digital peak. Further concern for the women folks, is that, if they don't understand the significance of IT and its uses also, there are chances which will marginalise them from the society and from the world. Gender technology should be an issue so that woman in the developing countries isn't affected by the digital peak. Still, it can be a potent force in meeting women's requirements and can give the resources that can lead women out of poverty, If IT is incorporated. Today ICT is considered as the most important tool in enhancing economical growth. It's hailed as an effective instrument to elevate the status of women. Information Technology has come an important tool in transubstantiating social, political and economical life. Every developed and developing country has incorporated ICT for a progressive thing and without which there's little chance for a country to develop and will further lead to a digital peak. Further concern for the women folks, is that, if they don't understand the significance of IT and its uses also, there are chances which will marginalise them from the society and from the world. Gender technology should be an issue so that woman in the developing countries isn't affected by the digital divide. However, it can be a potent force in meeting women's requirements and can give the resources that can lead women out of poverty, If IT is incorporated. Today ICT is considered as the most important tool in enhancing economical growth. It's hailed as an effective instrument to elevate the status of women.

### **Gender Equality as Social Value and Role of Information Technology**

It has come so egregious that in order to attain global and public competitiveness, diligence and business establishments needs a work force with the rearmost knowledge and skill of ICT. The nethermost line is that, countries development depends on quality, cost, competitiveness and applicability. Nations must aim to give quality education to enhance life time capabilities to all men and women to equip knowledge and a high position of interpersonal, business and literacy skill. Ultramodern technologies have come all pervasive and an integral part of our lives. The Information Revolution has spawned the Information Technology assiduity and in the process, given rise to tremendous occasion and challenge. The new technology aims to offer substantial possibilities to ameliorate the lives of women. It offers job openings in the IT fields and also teaches them to use digital tools and ameliorate their literacy capability as users and directors. ICT has brought openings indeed to the poor women. Still,

women need to get involve themselves in policy development in order to bring sustainable development and progress. Along with policy, education is vital for empowerment. Thus, girls and women have to continue to educate themselves with various IT chops in order to achieve full empowerment. This study focuses on the impact of ICT on Indian women. It looks at how women in India are sharing in the IT sectors and whether it's serving them or not. The central argument of this study is that women participation in the ICT sectors is limited. They're underrepresented in various specialized jobs. More so, the registration of girl's pupil taking up specialized studies is veritably limited. This study brings out about how ICT has affected women's lives and how women are contributing to the society.

### **Women's Empowerment as Social Values and Role of Information Technology**

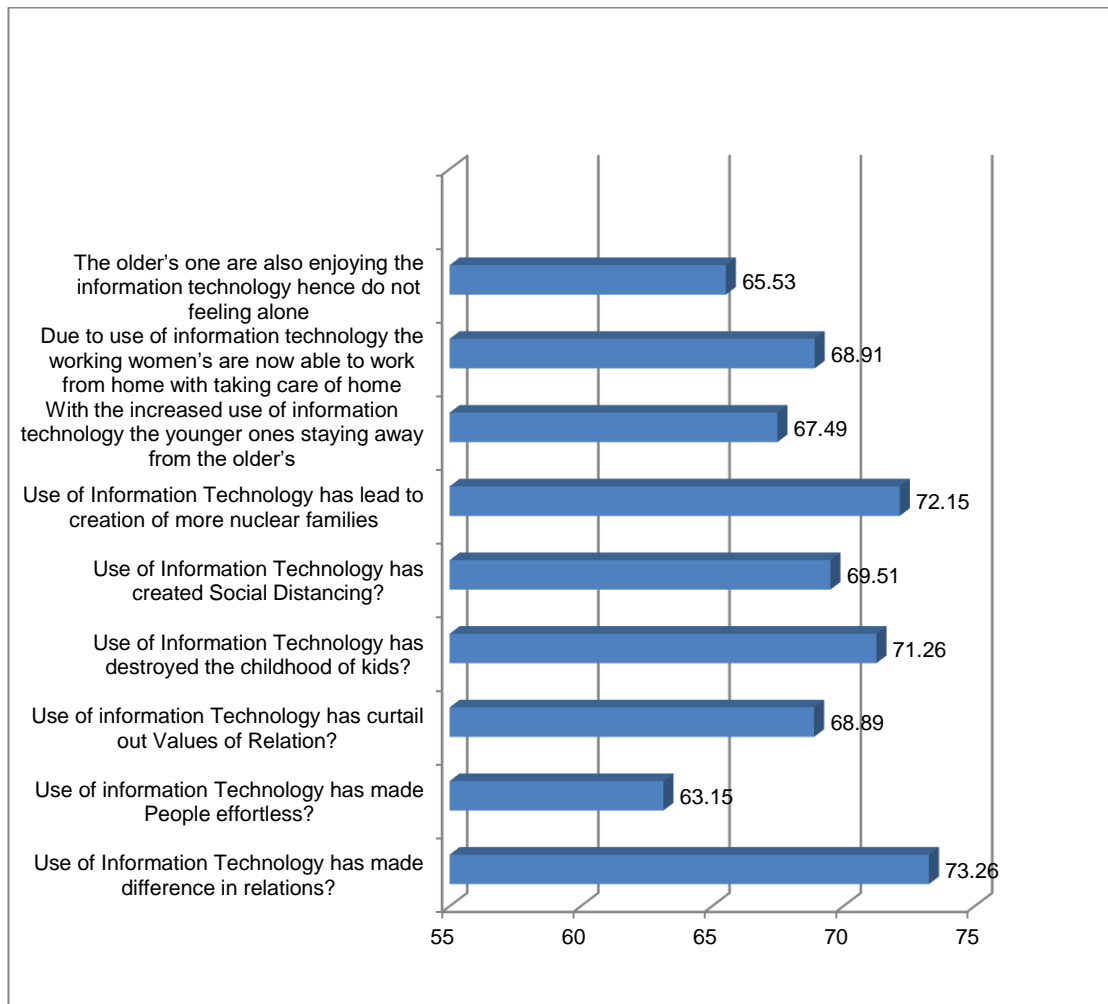
As banded before, ICT is a recent miracle in India. And yet, it's offering vast openings for Indian women including the poor women in rural areas. The new information frugality is offering numerous openings and possibilities for women to come self reliant and independent. Indian women are moving into these ICT grounded jobs and are getting great achievers. Their locally made crafts and other products can find niche markets outside the state if proper platform is created by the state. Policy makers and other NGO's need to organise IT training and mindfulness programmes to meet the requirements of women. Also, Indian women themselves have to take further interest and motivate and get themselves involve in ICT policy making. Education is the most important factor in perfecting the capability of women to take the openings of ICT. Thus, introductory education should be strengthened among all women especially in the rural areas. Girls and women should also be encouraged to study IT affiliated subjects. Although utmost of the women penetrating technology are from educated and civic areas, women from rural areas can also overcome the constraints by serving the numerous other openings handed these days. It's a known fact that in India, ICT is now beginning to grow and that Indian woman are taking the openings for social, economical and political empowerment. If women continue to share in IT related jobs also IT can clearly find result to women's problem and contribute to fulfil women's pivotal requirements.

### **Results and Analysis**

The Below table indicates the various factors on the basis of which an analysis has been made of impact of the information technology on social values. For the purpose of this evaluation, mean, Standard Deviation and Coefficient of Variation along with their Mean Score has been used.

<b>Various Effects of Information Technology</b>						
<b>Factor that Impacted the Society</b>		<b>Mean</b>	<b>Std. Dev.</b>	<b>C. V.</b>	<b>Mean % Score</b>	<b>Rank</b>
<b>Negative Effects</b>						
01	Use of Information Technology has made difference in relations?	1.89	1.35	26.15	73.26	1
02	Use of information Technology has made People effortless?	3.28	1.29	44.56	63.15	7
03	Use of information Technology has curtailed out Values of Relation?	3.16	1.45	40.56	68.89	4
04	Use of Information Technology has destroyed the childhood of kids?	2.71	1.54	60.08	71.26	2
05	Use of Information Technology has created Social Distancing?	3.65	3.09	84.56	69.51	5
06	Use of Information Technology has lead to creation of more nuclear families (In Indian Context)	3.91	3.15	82.53	72.15	3
07	With the increased use of information technology the younger ones staying away from the older's (In Indian Context)	2.99	1.99	54.26	67.49	6
<b>Positive Effects</b>						
01	Due to use of information technology the working women's are now able to work from home with taking care of home	2.25	2.01	50.10	67.91	1
02	The older's one are also enjoying the information technology hence do not feeling alone	3.25	2.19	60.11	66.53	2

As we can see in the below table that due to use of Information Technology the various negative impact have been created. The wider impact is difference in relation has arisen which is maybe absolutely true in today's environment. The values of relation has also get down as people are more busy in their own using their mobile and laptops and use to connect with the friends and family member through social media similar as Whatsapp or Facebook. One of the biggest impacts in opinion of the experimenter is the impact on nonage of kiddies which is maybe an unrecoverable impact and will have a long continuing impact on the whole life of these period kiddies. Because of all these impacts the social values of the society has fully ceased and lost. Still there is no doubt these can be excluded with the little trouble of making a smart and determined use of information Technology. Another area which is relatively important in case of Indian families especially is increased use of Information Technology has lead creation of further nuclear families day by day. People are getting more self centric also the family man. This doesn't carry significance in case of western countries there's no culture of common family indeed before preface of information technology. Still some positive goods of information Technology have also been observed which are most important in Indian environment. Because of increased use of Information Technology, the work from culture is increases as well it's accessible to companies to. Because of this the working women's are now operating from home and managing their home too. Same as the aged people always bother about the time not given to them by youngish bones and hence they use to feel alone at home. The increased use of information technology has helped them in this area too. They're now socially connected to their cousins and friends through social media similar as facebook and Whatsapp. This has dropped the gap that was creating between relationship of Aged and other family member's.



### Conclusion

The study was done with a view of assessing the arising technological trends that information systems are posing on the society. New challenges that have not been interdicted before within the society are commencing to materialize. There little question, the society is getting more attentive to the adding complexity of data security and thus the ethical enterprises that revolves round the massive quantum of possible infringements. Since it's our world and future, we must always agonize and involved in its resolution. Visible of this, various associations within the country especially the oil and gas industries are taking preventative conduct through the enactment of canons of ethics and canons of conduct. Government agencies have also supported the society with legislation for the protection of knowledge integrity and sequestration of people. Despite the advantages related to the operations of data systems in our society, there are some underpinning issues that arose from the most conversations. Supported these, the posterior recommendations are suggested. The society must insure every person is in charge of everything he or she does, irrespective of how unexplainable his or her action may appear. 2. Since there are growing complications of ethical and social issues that revolve around multiple breaches, it becomes imperative for the preceptors and computer professional bodies to develop class on ethical and professional canons of conduct within the information society. 3. There is having to lay stresses on information systems security controls. 4. The govt. should develop a comprehensive laws and legislations to make a way or mindfulness of compliance conditions that affects information systems professionals. Our enforcement agents should be more sophisticated in their computer crime disquisition. This may be enhanced with the application of computer forensics, which may be a formal investigative fashion employed in assessing digital information for review.

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