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The Impact of Technologies on Society in India

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ABSTRACT: This research examined the impact of different forms of developed or developing technologies in India. Different communication technologies like Computer, Mobile, Phones and emails; Online educational technologies like different educational applications, educational channels; Online job/Business technologies, has truly brought about so many positives and negatives changes in our life in many ways. These technologies not only making our life convenient in many ways but somehow it has impacted or way of living. In demographic level, these technologies, technologies have not been proved to be equally efficient in many ways and due to many reasons. This research finding emphasizes on those aspects of the technologies by means of survey and based on data obtained from 50-100 individual's thoughts and personal perception from different dimensions of the society.

INTRODUCTION

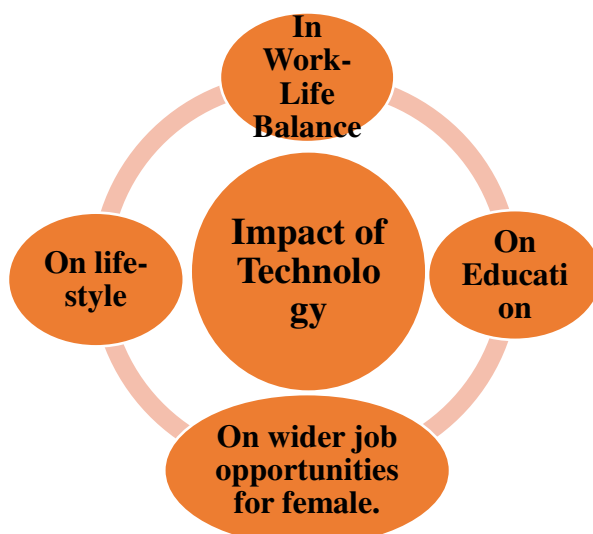
The various kind of tools, different techniques, any system, or the processes which are being used for the creation, improvement, or the development of any kind of either product, services or the information's is refer to be as Technology. Nowadays every technology has some pros or cons. It is truly very helpful in terms of solving a problem or to improve the efficiency of any kind of work as well as to increase the outcome or the productivity. All different kind of technologies has truly played a very important role in framing the human society either in positive or negative ways. It has truly brought so many profound differences in our personal or professional life. Technologies has helps us in many ways but became a region for the troubles for many in our society. Due to these technologies, we often have to carry the burden of work from office to home as well since we used to be connected in our non-office timing as well with our team due to technologies. This became a reason for the disturbance in work-life balance but it has also opened many opportunities to get connected with different opportunity/Job/Company across globe. In our education system, it has played both positive and negative role. Especially after Covid, it was very challenging for our teacher to get indulged with online class with the help of technologies since many of them were not much habituated of using that. On the other hand, it helped many students to get online classes being in any corner of India. They could now prepare for any kind of exams through many online education technologies like unacademy, Biju's and many other platforms. It has truly opened many wider opportunities for women who could not go to office on regular basis due to many reasons. Now they are being able to work from home only. They can now even expand their own business with the help of Instagram/Facebook pages. So, technologies have truly impacted our society in many ways.

II. PROBLEM STATEMENT: TECHNOLOGY AND SOCIETY

As technologies have complicated impact on society in different dimensions. But in this research, we are considering 4 dimensions only.

The 4 dimensions we are considering the impact of technologies are:

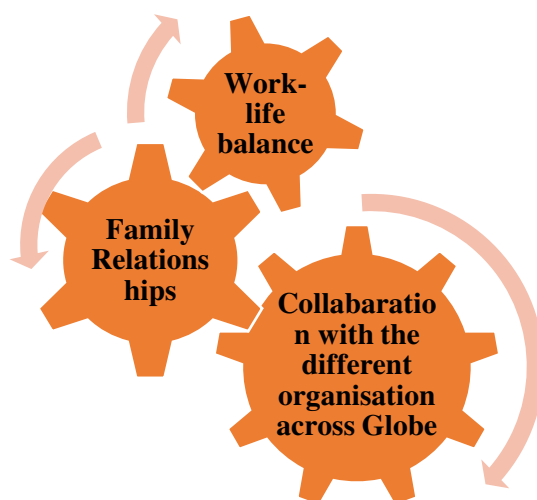
1. On work-life balance of employees.
2. On education.
3. On wider job opportunity for females.
4. On life-style.



1. Impact of Technologies in work-life balance-

Computer, Mobile, Phones, Emails, Fax etc.- Technologies have always been an important part of our personal as well as professional life. It is actually very important element in our personal life since it helps us to be connected with esteemed and profound individuals, organizations across the globe. It helps individual to collaborate or communicate with others and to stay connected for the different purpose (Boswell & Olson, 2007; Nansen, et al, 2010; O'Driscoll et al 2010). It makes our professional life easy by carrying out job related tasks. However, Technologies have truly some drawbacks as well. It somehow disturbed our personal life as well. Due to this it permits employees to be easily accessible or being available 'during' as well as 'after office' hours. This is the reason why most of the individuals are not being able to have their own quality time since they had to carry out job-related tasks in their home post office timing as well. This is why it somehow disturbs our work-life balance and well-being of the employees (Coobert & Thompson, 2003; Day et al, 2010)

It is not just being impacting our work-life balance but it is somehow impacting our relations and the quality time with our family member since nowadays we are truly investing maximum of our time with these technologies then our family members.



2. Impact of Technologies on education-

After Covid-19, Technology has become one essential element in our educational systems. From offline live classes, things became online. It has great impact in teacher's as well as student's life. There are so many individuals who have supported the inoculation of the technology in our education system however many of them found it to have many drawbacks or catch. Especially in India, the online mode of education has drastically impacted the life of most of those teachers who were not technically very smart with the online mode of teaching through zoom meet, Microsoft classroom or google meet. It became very difficult to adapt

this technology all of sudden. They were not very comfortable or habituated with this mode of teaching initially hence many of them had to lose the job for being incapable to understanding of this technology. But on the other hand, many teachers/Professors utilized this opportunity very well to standardized their teaching style by adding more audio or video visuals.

Online education technology has been proved to be very effective for those students, who are preparing for many competitive exams and who could not come to any particular coaching centers in different city for taking classes. Now they are being able to take classes from any corner of our country. Similarly, so many students who are willing to prepare for any particular exams and not being able to do so due to financial crisis are now preparing for examination from many online educational sites and clearing many competitive exams. On the other hand, especially in most of the rural area of India, many children are lacking in the same way. Due to lack of much advancement in technology in their area or due to affordability of accessories like Phone or computers, they are not very much enjoying this online mode of educations. So, it has both, positive as well as negative impact in different category of individuals.

Online classes became bit difficult for those teachers who were not technically very smart.

It made educational more standardized and advanced due to incorporations of more audio and video visuals on any particular topics which teaching.

Online education technologies proved to be effective for those who are preparing for any compitative exams and couldn't go to any particular city for the coaching center like Kota, Akash Institute etc.

3. Impact of

Technologies on wider job opportunities for females-

Online work technology has made things very convenient for all those women especially in India who wants to do job but couldn't do it often for the sake of their family's or children's care. After pregnancy or delivery, it becomes bit difficult for them to go to the office on regular basis leaving their kid home. But due to this online job technology, many women who had to leave job or take a break due to this personal responsibility are now, proudly managing their job by working from home and also taking care of her family or kids. Similarly in case of men, they are also being able to spend more time with his family and kids and being able to take care of them properly. This technology is very much helpful for any individuals to expand their business my mean of Instagram/Facebook and all.

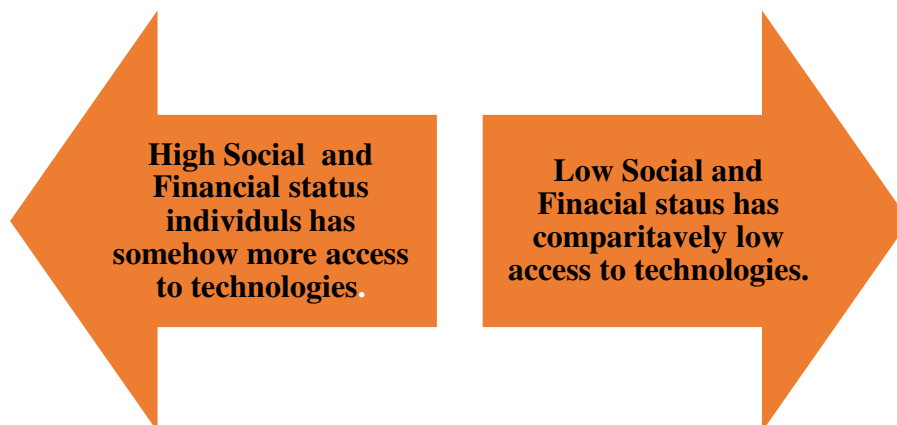
Convenient for women who had to quit job after pregenancy for the sake of their child's care.

Helpful in expanding the business thorough Indagram/Facebook page or websit.

Individuals are being able to spaend more quality times with their family member by working from home.

4. Impact of Technology on Life-Style-

Though having very advancement of technologies, it has not been properly utilized by many of the individuals in India due to their financial level. Their socioeconomic level plays a very important role in terms of affordability. Individuals having higher socioeconomic status has more access to many technologies than medium or low socioeconomic individuals. Due to affordability, many individuals are not being able to utilize so many technologies.



III. LITERATURE REVIEW

Nowadays, Digital or any kind of technologies are getting very important in our life in both positive and negative ways. It has been spreading through our community emerging the new behaviors and new ways of working/studying and expanding our business. Individuals of all different age has been adapting a new behavior as a consequence of spreading high functioning technologies (Heath & Luff, 2000). In case of educational curriculum, technologies are most often said to be as the rescuer of education (Collins & Haverson, 2009). There are still many arguments is going on the pros and cons of incorporation of technologies in education system (Baker et al., 1997). These developments are not necessarily transformational. Similarly, the Communications technologies e.g., Mobile phones, Computer or e-mails are very prevalent either in any organizational meeting or outside the work. It is the prime reason which allows any employees to time-bound and flexibility for being connected with the office-mates not just in office timing but also post work timing. These technologies are giving employee the burden of carrying out any office related task in post office timing or outside office also (Boswell et al., 2007). But these CTs is useful since it allows employees to be in touch with other. In case of education system, somehow it was believed that online education technologies lead to the dehumanization of education. It was strongly believed that any bond/relationship or interaction build via online classes, even if they are very sophisticated but cannot replace face to face interactions and real-life human experience than any technological interference (Andrew et al). Similarly, these technologies have not been proved equally efficient for those who truly cannot afford any electronics devices or financially not very much capable of utilizing it.

IV. OBJECTIVES

- To find out the impact of technologies on the work-life balance of employees.
- To find out the impact of technologies on education.
- To find out the impact of technologies on the wider job opportunity for the females.
- To find out the impact of technologies on the life-style of people in the society.



V. RESEARCH METHODOLOGIES

The type of this research is basically qualitative and correlational research.

DATA COLLECTION

Data Type: Primary Data

Data is collected through survey where it consists of few questionnaires and the responses are recorded and used to find the insights from it.

SAMPLING DESIGN

Sampling type: non-probability (convenience and purposive sampling).

I.) SAMPLING UNIT:

The sampling unit that is used for this research is social unit i.e., Family, friends, school, college etc.

II.) SOURCE LIST:

Individuals that are taken as sample are mostly known one. But in this sample, we have taken students/teachers, employed/unemployed, male/female, rich/poor etc.

III.) SAMPLE SIZE:

The size of the sample is about 40-70.

IV.) SAMPLING TYPE:

The type of sampling that has used is non-probability and the type of non-probability that has used is convincing and purposive sampling.

QUESTIONNAIRES DESIGN

Questionnaires are closed ended and unstructured type. And it consists of questions considering all four dimensions we have selected for the research.

HYPOTHESIS

1.) On Work-Life Balance:

HYPOTHESIS:

H0: The technologies have no good impact on work-life balance of employees.

H1: The technologies have good impact on work-life balance of employees.

2.) On Education Level:

HYPOTHESIS:

H0: The technologies have no good impact on educational level.

H1: The technologies have good impact on educational level.

3.) Job Opportunities for Females:

HYPOTHESIS:

H0: The technologies have no good impact on job opportunities for women.

H1: The technologies have good impact on job opportunities for women.

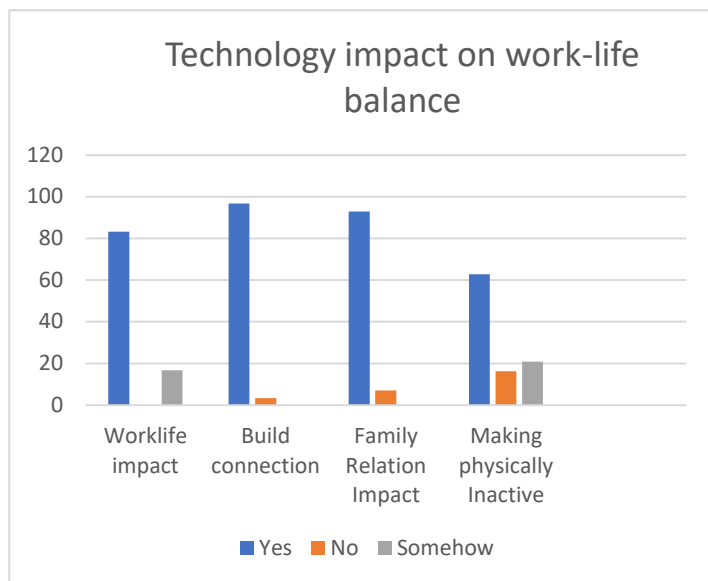
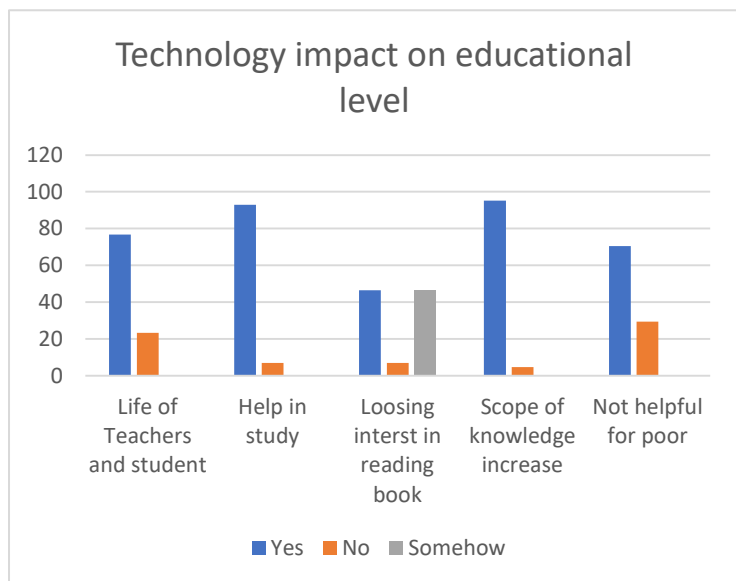
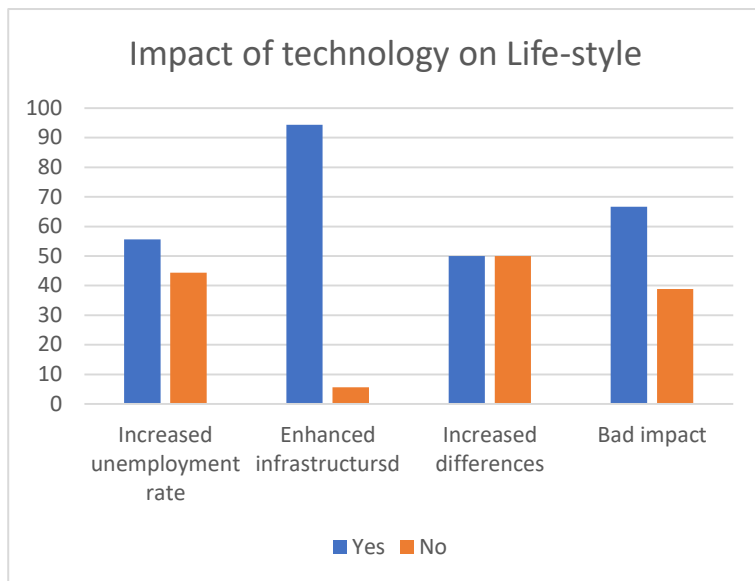
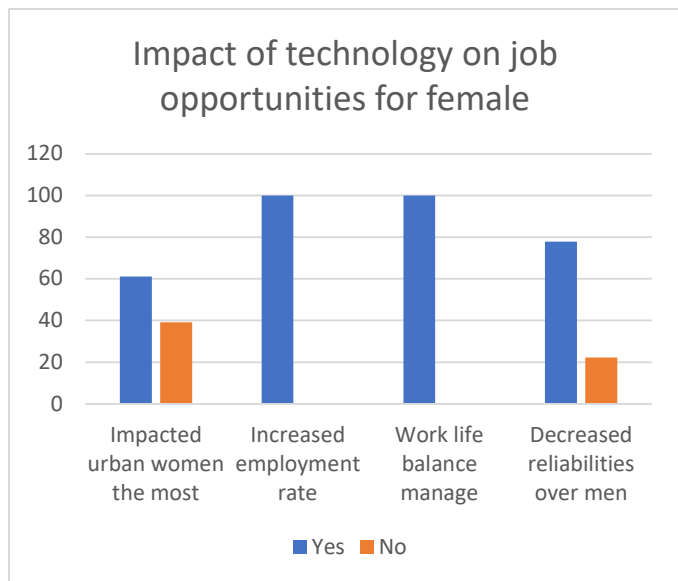
4.) Lifestyle Choices:

HYPOTHESIS:

H0: The technologies have no good impact on life style.

H1: The technologies have good impact on life style.

FINDINGS AND ANALYSIS





Overall Analysis:

According to the responses we get after survey we can state that the technologies have both good and bad impact on our surroundings of the society. The differences in the answers shows that different people have different opinion about the impact of technologies. For someone technologies have good impact on anything and for other person technologies have bad impact on that thing.

VI. CONCLUSION

In conclusion, I would like to say that the impact of technology on work-life balance, education, job opportunities for females, and lifestyle has been complicated. One side technology has provided greater flexibility and convenience in work, improved access to education, created new job opportunities for females, and transformed lifestyle habits. On the other side, it has also brought challenges such as potential work-related stress, educational inequalities, gender bias, and lifestyle changes.

We need to manage the impact of technologies on us otherwise it would be harmful for us.

LIMITATIONS

There could be few reasons that limit my research paper like, -

- i.) Sample Size: As we know India is largest populated nation having 130+ crores of individuals. So, the size of sample is very small in comparison to 130+ crores. So, this small sample cannot represent accurately whole country's thinking about technologies impact.
- ii.) Time frame: As we know that the technologies are advancing rapidly so, we cannot say that today's thought on technologies would be applicable in future also.
- iii.) Communication: As the questionnaire is in English, there would be people in my sample who cannot understand English and they just answered the questions without knowing what does question mean.

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APPENDIX

QUESTIONNAIRE:

The impact of technologies in our work-life balance:

1.) Do you think technologies are impacting our work-life balance?

Options: Yes / No / Somehow

Reasons:

2.) Do you think, with the help of these technologies, we are being able to connect with different opportunities/organization across the globe?

Options: Yes / No

Reasons:

3.) Do you think this excessive use of technologies are impacting our family relation?

Options: Yes / No

Reasons:

4.) Do you think these technologies are the prime cause of individuals for not being physically very active in life?

Options: Yes / No / Somehow

Reasons:

5.) What is your thought on the impact of technologies in our work-life balance and family relationship?

The impact of technologies on education:

1.) Do you think these technologies have impacted the life of a teachers and students either in positive or negative ways?

Options: Positive ways / Negative ways

Reasons:

2.) Do you think these technologies are very helpful for those students, who are preparing for any competitive examination?

Options: Yes / No

Reasons:

3.) Do you think because of technologies like educational apps, educational channels are losing interest in reading books?

Options: Yes / No / Somehow

Reasons:

4.) Do you think, these technologies have increased the scope of getting knowledge to any kind of individuals?

Options: Yes / No

Reasons:

5.) Do you think these technologies are not very much helpful for those who cannot afford electronic devices?

Options: Yes / No

Reasons:

The impact of technologies on wider job opportunities for females:

1.) What do you think where technologies have impacted women the most?

Options: Rural women (Village women) / Urban women (City women)

Reasons:



2.) Do you think that technologies have increased the employment rate among women?

Options: Yes / No

Reasons:

3.) Do you think, these technologies are very much helpful for women to manage their work-life balance?

Options: Yes / No

Reasons:

4.) Do you think that technologies have decreased the reliabilities of women on men in many aspects?

Options: Yes / No

Reasons:

The impact of technologies on life-style:

1.) Do you think that technologies have increased unemployment in society?

Options: Yes / No

Reasons:

2.) Do you think that technologies have enhanced the infrastructure of society?

Options: Yes / No

Reasons:

3.) Do you think technologies have increased the differences among individuals in the society?

Options: Yes / No

Reasons:

4.) Do you think that technologies have bad impact on our environment?

Options: Yes / No



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