Comparative Study of Advancement of Technology inEducation and Its Effect on Human Values

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Abstract

Human nature being dynamic, it continues to evolve over time mainly in order to achieve self-satisfaction. This is the nature of human values to maintain harmony between people in societies. Technological advances improve our lives, also complicate the way we live and react to new technologies. Increasingly, human values conflict with technological progress as we deal with updated technology. Technology and human values are intimately linked. We must remain in control to ensure that these developments do not have a negative impact on fundamental or fundamental human values.

The role of technology should be to improve human life, without affecting human values. Although technology is a difficult term to define, but for our purpose of study. Let's limit the scope of the definition to a physical object, an instrument or a machine that will help us accomplish our task. Invention and innovation can also challenge fundamental human values, such as beliefs, traditions and codes of ethics. This case study should provide basic remedies to improve the core values of children who go to school.

I. INTRODUCTION

The majority of the population is unaware of the impact of technology on human value. In other words, the field of technology has discouraged its use, which has inadvertently led to ethics and human values in the background. Primarily, technology should challenge human values if it shows that these values are out of date, inappropriate or unnecessary. Technology has the power to change values, often with progressive consequences.

The purpose of this case study is to deepen the causes of the deterioration of values in elementary school students. As we all know that values are fundamental beliefs, that is, they are the most important and fundamental beliefs of any person. Basically, these are the standards by which we assess something or judge how desirable or unwanted we are.

Values are an important part of human society because they guide human behavior and shape our attitude. An individual knows different values through a series of socializing forces. This knowledge continues throughout the individual's life. In addition, the values are not a static entity. Values are dynamic in nature, in that they influence society, but also society and individuals. Thus, values undergo a continuous process of adaptation. Many great personalities of India have been able to influence the perception of a particular value, through their actions. According to G.W. Allport, "a value is a belief on which one acts preferably." Then, value can refer to the degree of value or excellence assigned to an object or a class of objects. To be more precise, although credited to the object, it is a matter of valuing the transaction instead of the object itself.

II. METHOD

For this case study, Emmanuel Joel Dean is selected because he works as a teacher of computer application subjects and has about five years' experience and also as a counselor in a reputable mixed elementary school in Lucknow who made him interact with students with his parents. Because of his teaching experience in subjects related to technology and consulting, he adapted it for this case study. As we all know, the school itself is a mini-society where children receive education from all sections and from the socio-economic strata of society. It is a place where the young spirit is nourished so that it turns out to be a successful citizen of tomorrow. Children indoctrinate the values of their parents, teachers, friends, media and everyone they admire and, therefore, try to follow them. A notable part of our value system is established during our first years of life as parents, teachers, friends and others. As they grow, they are exposed to various value systems and, therefore, we can change some of our values. Despite this, the basic values remain fairly constant and permanent. Keep in mind that the nature of this case study is exploratory (research). For more reference in this study, the subject will be referred to only as Emmanuel.

Emmanuel is used as a subject in this study because he actively participates in the educational process, which allowed this study to understand the negative influence of technology on values in school children. It

has been found that there are several complaints, such that the student does not respect the parents and is physically violent, uses abusive language, aggressive behavior and uses threatening statements, the unfair advantage of illiterate parents and also those who are not tech experts, tantrums and there are also some kids who have extremely difficult and challenging behaviors who are outside the age norm.

III.   OBSERVATION AND RESULT INTERPRETATION

This survey was done on a reputed college student in 2018-19 in which 400 students were participated. More interesting fact is there that all students supposingly provide their true opinion about the questionnaire.

This report mentions the problems faced by the parents, faculty and peers of 50 students of the school aged eleven up to sixteen years, some students have shown multiple complaints. In the studies conducted it was found that the students were involved in unethical and anti-social behaviours under the influence of external forces and in maximum cases a technology that had a screen attached to it, like television, laptops, computer and mobile phones. Such behaviours are not considered good in the civilized intellectual society. The table below shows the data about the complaints received, the factors involved behind such complaints and the number of complaints received.

| S. No.	Complaint	Number of students involved	Source/ Reason
1.	Student doesn't respect parents and is physically abusive	46	Television daily soaps and social media
2.	Abusive language	22	Video games
3.	No transparency	42	Television daily soaps
4.	Spying on par0ents	11	Television daily soaps
5.	Unnecessary argument	89	Movie and Television daily soaps
6.	Temper tantrums	31	Television daily soaps
7.	Aggressive behaviour	22	Video games, social media and Television daily soaps
8.	Threatening statements	31	Television daily soaps and Video games
9.	Undue advantage of illiterate parents	19	Social media
10.	Attachment to intoxicants	32	Influenced by television actors
11.	Harassing school mates and teachers	33	Social media
12.	Excessive interest in sexual activities and performing the same	22	Video games and computers

Complaints Received
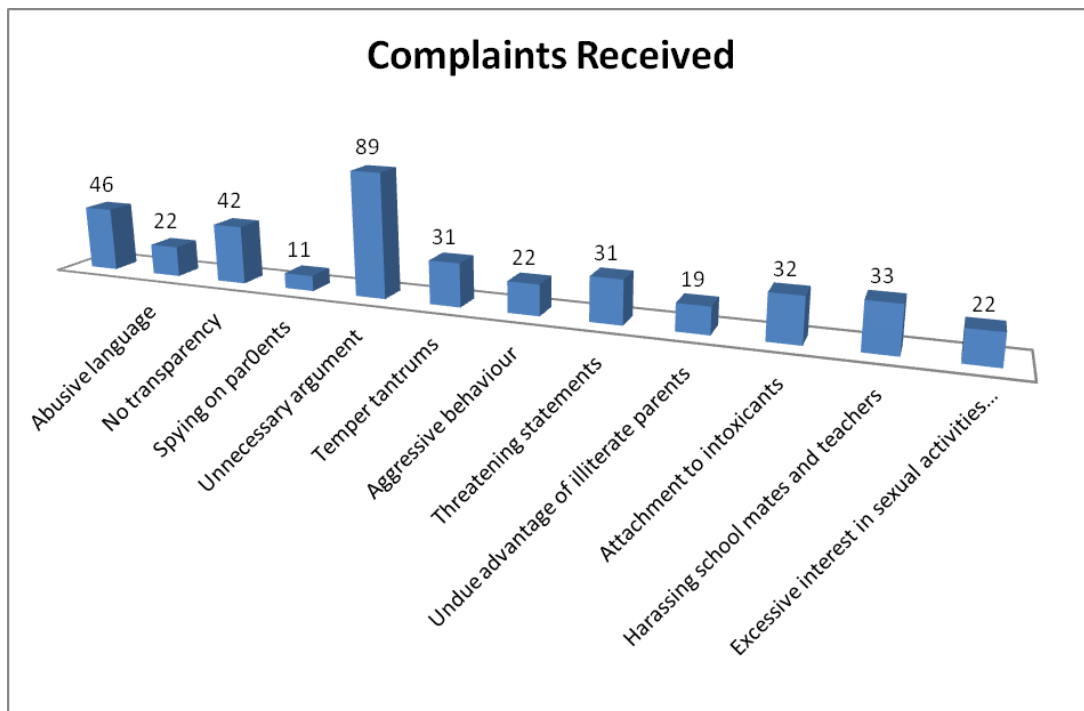
The students with the traits mentioned above were counselled and told ways to improve themselves so as to contribute their energy towards the betterment of the society and their own better self. The students with different material of influence were given different suggestions. The suggestions and treatments suggested are mentioned below:

1. Video Games

The students under the influence of video games played games that were aggressive and intolerant in behaviour. Also the games they played were licensed for the players or users above their age limit. The parents of such students were suggested to keep a check on the game their wards were playing and were asked to involve their children in multiple physical activities by asking their help in the job that they were performing and give them responsibility of certain household chores.

Complaint	Number of students involved
Abusive language	22
Threatening statements	31
Excessive interest in sexual activities and performing the same	22

Influence of video games

Excessive interest in sexual activities and performing the same 29%

Abusive language 29%

Threatening statements 42%
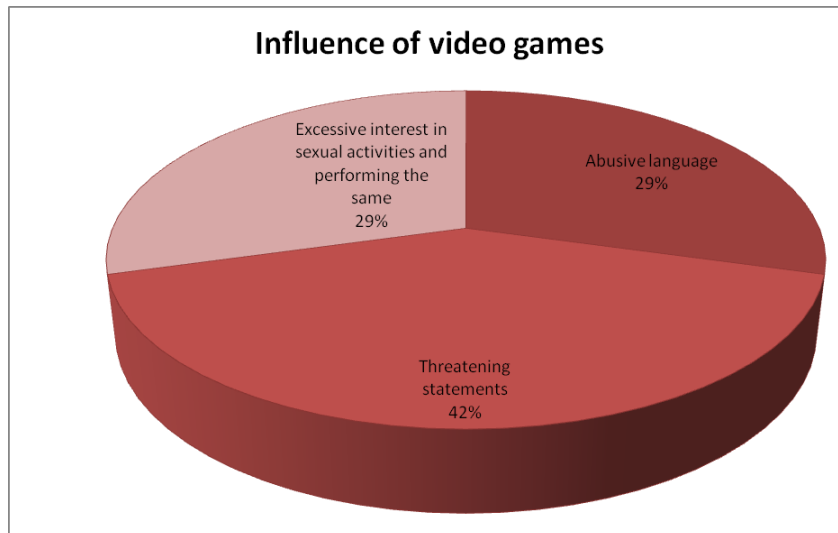
2. Social Media

The students under the influence of social media i.e. Facebook, Youtube, Twitter, Instagram, PUBG, etc. were asked to check the background of the people they met on the internet and only to imbibe good qualities from them. The parents of such students were asked to give their wards board games and take them to fields to play with them and put their energy in physical activities. The parents were suggested to reduce their screen time and spend time withtheir children as in most of the cases child noticed his or her parents on the screen. Also the parents were suggested to monitor the activities of the childthat he was performing on the screen, and to be friends with them and know who they are talking to and what are they being influenced towards.

Complaint	Number of students involved
Student doesn't respect parents and is physically abusive	46
Undue advantage of illiterate parents	19
Harassing school mates and teachers	33

Influence of social media

Harassing school mates and teachers 34%

Student doesn't respect parents and is physically abusive 47%

Undue advantage of illiterate parents 19%
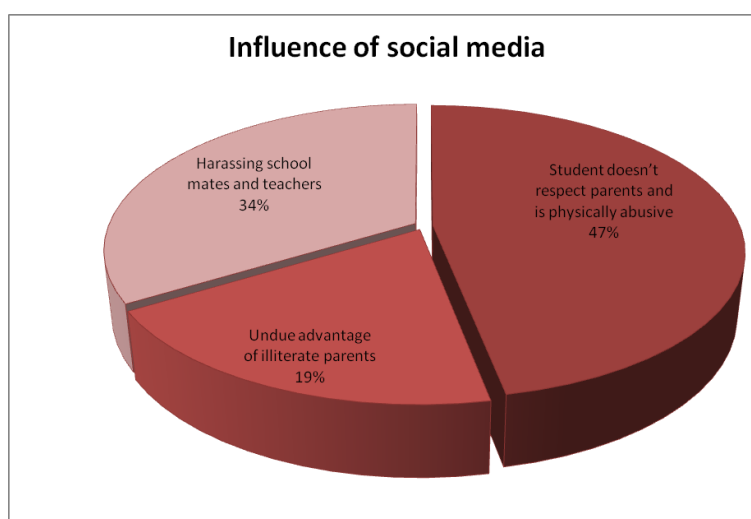
3. Television Daily Soaps, Movies and Television Actors

The children with daily soaps as a reason of misbehaviour had no interest in the channels or programs whatsoever. They were mostly the ones who had no other source of entertainment for them in the house and would usually approach their grandparents for some affection who at that time would be busy watching their

favourite programs that involved disrespect, unrest, abuse, aggressive nature, hatred etc. in one party of the show against another. The guardians of these children were asked to watch productive channels that involved news, educationand information for the child, or at least perform so in front of the child and switch the channels once the child felt satisfied and had left the room.

Complaint	Number of students involved
Student doesn't respect parents and is physically abusive	46
No transparency	42
Spying on parents	11
Unnecessary argument	89
Temper tantrums	31
Aggressive behaviour	22
Threatening statements	31
Attachment to intoxicants	32
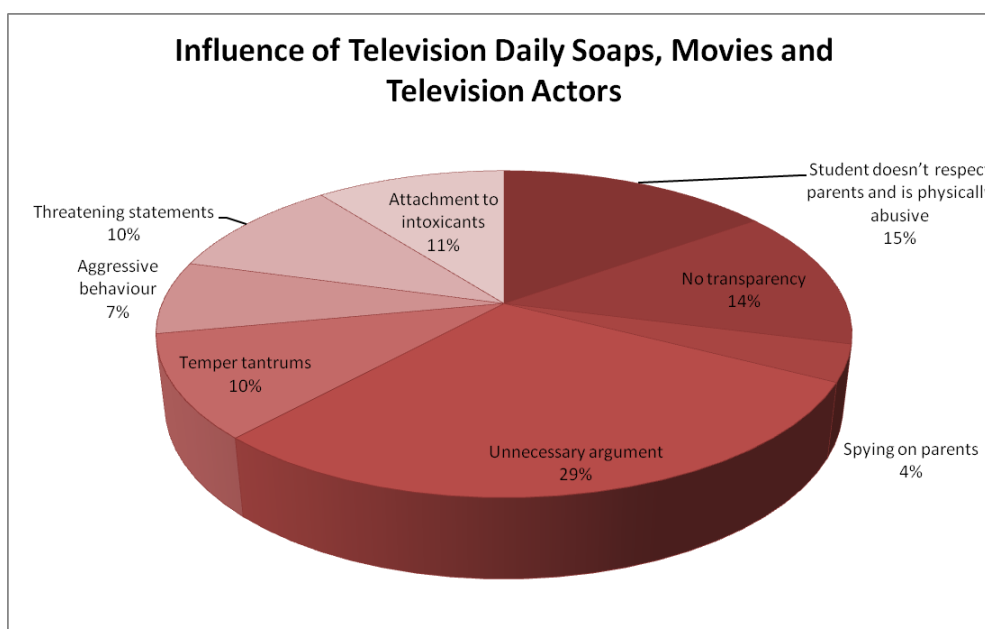
However the child on the other hand was asked to conduct a research on the actor that he felt or took to be his role model. He was asked to aim for the position that the actor was on in the society rather than portraying one of the characters that he played or portrayed on the screen. The child was asked to evaluate what was better for him and to measure where the activity that he was about to perform would land him into.Since, adolescence is a period stress and strain, storm and strife. They need a careful attention for healthy social and emotional development.

This case study restricted to the changes in behaviour with respect to societal norms in school going students of age eleven years to sixteen years for both the genders because here our prime focus is values. A value represents the basic convictions that "a specific mode of conduct." Therefore, there is a scope of study in cognitive development aspect of young minds.

IV. CONCLUSION

An alarming situation has arisen intentionally or unintentionally due to the negative influence of technology which led to the degradation of values and morals. It is suggested urgency in establishing a school based mental health service. And, also active as well as affective interaction between parents, teachers and students to counter the behavioural issues in order to inculcate strong values in human society. A community intervention for addiction may also be required and school can become the base using innovative programs like students co-curricular which includes sports, debate, extempore etc. Thus educating the family as well as the school children are required to increase the aesthetic and human values.

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