ROLE OF AI ENABLED APPS IN STUDENTS' EDUCATION

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ABSTRACT

COVID-19 pandemic situation all schools and studies were on online platforms. Students are relying on mobile app and computer apps based tools for study and entertainment. This paper is focused on research of positive and negative impact of AI enabled apps on student education. Also student's rights to use mobile apps or computer apps for their school study. If these apps designed properly, e.g AI enabled learning apps have been shown to improve student's thinking, problem solving view, and students can be very useful for students with learning disabilities.

Keywords: *Student study, COVID, Pandemic, school study, AI, online study risks, online study opportunitys.*

1. INTRODUCTION

Today's generation is a rapid development towards the technology oriented focus and its applications. In Computer Science research areas, Artificial intelligence helps to make the application more autonomous and human friendly because its actual working is similar to the human brain. Due to COVID Pandemic, the actual effect on student's education is to start learning only online by using electronic devices such as Mobile phones and Laptop etc. This research paper focuses on use of online apps and its application during student learning education in pandemic situations.

This paper also covered one survey to search for the role of online apps in student education

1. Are online apps being useful for school study?

2. How much hours does your child spend daily on their smartphone?

3. How much hours does your child spend daily on smart TV?

4. Are video games helpful to improve child creativity and thinking?

5. Which application is mostly used by student for watching videos and listening to music?

6. Are the student's rights NEEDED when using online applications?

7. Is online app awareness being important in students?

8. Is an online app Useful in teaching?

9. Do you think apps make students smart?

10. Are you aware about online app-enabled crimes?

11. Are you aware of cyber security?

Online apps will impact student's in many ways. Today, in a pandemic situation all schools and studies are on online platforms. Students are relying on online apps for study and entertainment. Today's generation is the AI generation. In [1] the Healthcare area and its delivery need the help of new technics like AI, IoT, Big Data and Machine Learning to overcome and do against the new diseases and prepare peoples for prevent and avoid with COVID-19 and other pandemics. In [2] presents medical and AI researchers with a comprehensive view of the existing and potential applications of AI technology in combating COVID-19 with the goal of inspiring researchers to continue to maximize the advantages of AI and big data to fight COVID-19. The Online applications and its impact are discussed in [3] to combat against COVID pandemic situations. In [4] describes different techniques of ML that have been used in the prediction, detection and management of

various infectious diseases, and how these tools are being brought into the fight against COVID-19. While [5] explore how online AI apps are being used during the pandemic, as reported in the literature. Thus, it is the first review that explain and list features of the identified AI techniques and data sets used for their development and validation.

In this paper we organized the paper in 3 sections, the first section discussed online apps based study opportunities, while the second section focused on the risk of online study and finally discussed the impact of online apps on student study by showing graphical representations.

2. STUDY THROUGH ONLINE APPS OPPORTUNITIES

Education
Online gadgets and tools are useful for students to do their study, homework, playing games, listening to stories, music, problem solving, developing creativity, imagination etc. Students will not depend on parents and teachers to ask their queries and doubts about study.

Health
The Healthy development of children is very important for future society.

AI tools play an important role in student's development. Here children's mental or emotional health and physical health is considered. AI driven bots are useful to mental health support those who are unable to access traditional forms of treatment. Students who suffer a high level of stress, virtual counselors help them to back out from stress. Smartphone that can translate spoken word to written word or vice-versa for a blind child.

Social communication
Nowadays , children are active on social media sites or online platforms. They are familiar with Facebook, twitter, WhatsApp etc. Social media is used by students to express themselves creatively, and interact and learn with online audiences to share ideas and learning material.

3. STUDY THROUGH ONLINE APPS RISKS

Personal information Protection
Students when using online tools there is chances' of identity theft – personal information, Financial information, social information, location detection etc .

Harmful content
There is also a bad effect of online apps on the mental health of children. Social media is with some harmful content about ethics, moral, sex.

Addiction of video games
If a student spends more time playing video games then he may suffer from depression, anxiety, obesity, sleeping disorders, stress.

Individualism
Like YouTube or other live streaming channels solely promotes individualism. Lack of face-to-face interaction between teachers and students.

Reliability
Not every online app comes with a reliable source. Some tools are just for the sake of business.
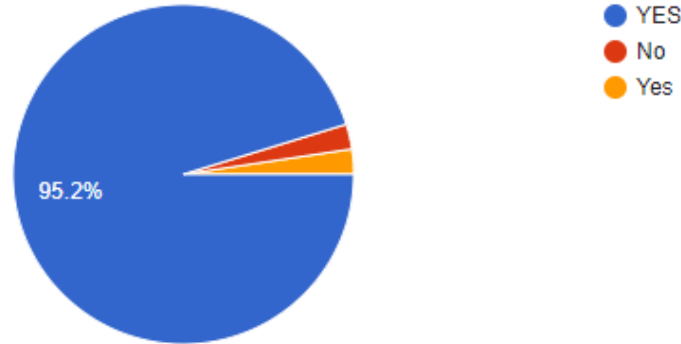
Online apps enabled crimes and cyber security
Large-scale black mail, AI-authored fake news, denial of access on online activities, face recognition etc.

4. Survey Questions and its impact with study through online apps
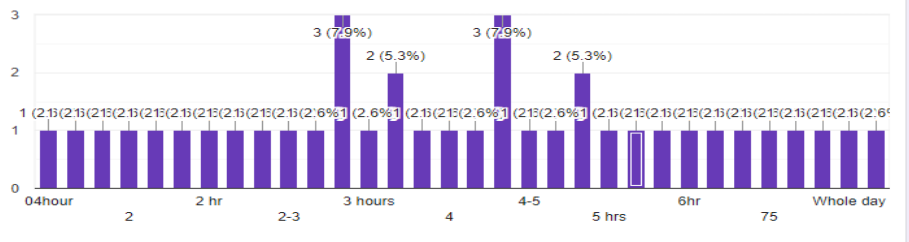
In this section we discuss the important question that is asked to parents that students actually use AI applications for their learning stage in COVID pandemic.
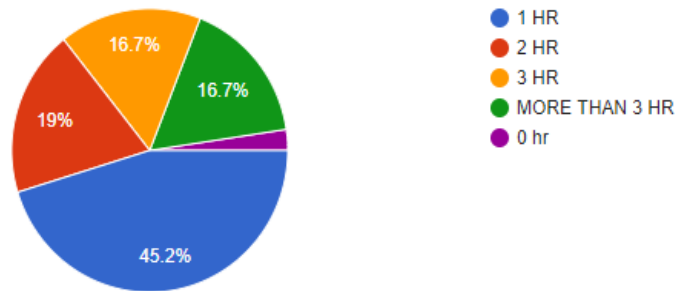
1. Are online apps useful for school study?

96 % parents agree on online apps useful for school study..

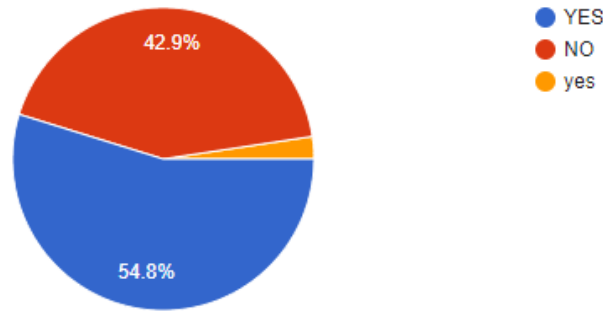**2. How much time does your child spend daily on their smartphone?**

Average 4 Hrs. students spending on smart phone.
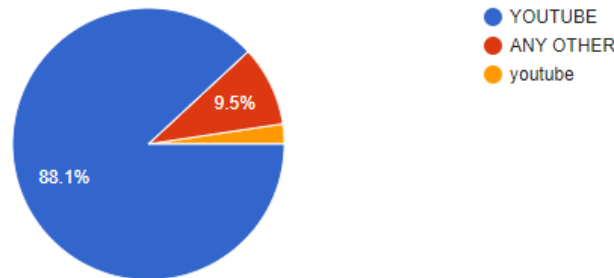
3. How much time does your child spend daily on smart TV?

Average 2 Hrs. students spending on smart TV.

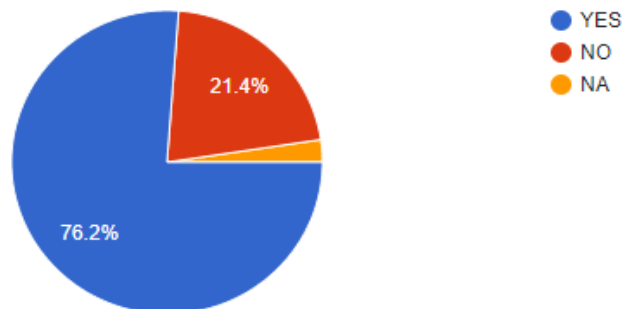4. **Is video games helpful to improve child creativity and thinking?**

56% parents agree on video games are helpful to improve child creativity and thinking.

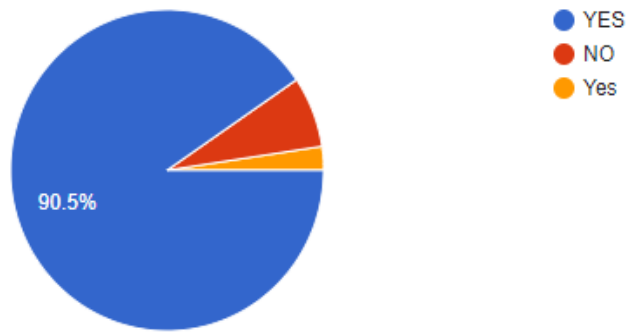**5. Which application is mostly used by children for watching videos and listening to music?**

90% students are using YouTube.

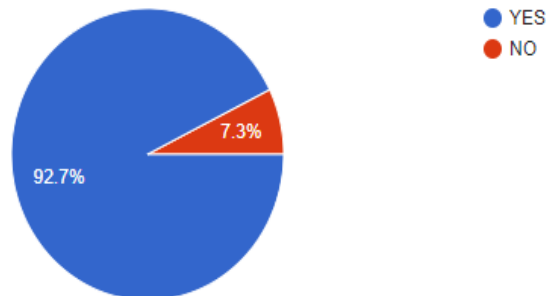**6. Are the student's rights NEEDED when using online apps?**

77% parents agree on the children's rights NEEDED when using AI applications

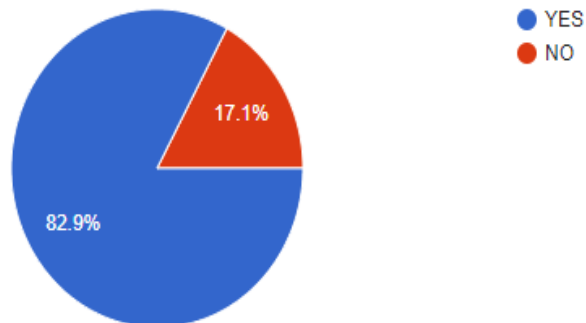**7. Is online apps awareness important in students ?**

92% parents agree on online apps awareness important in students.

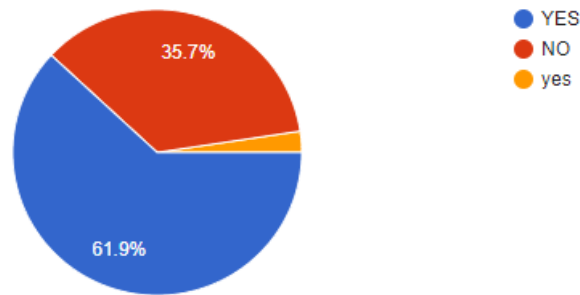8.   Is an online apps Useful in teaching ?

93% parents are agree on online apps Useful in teaching.

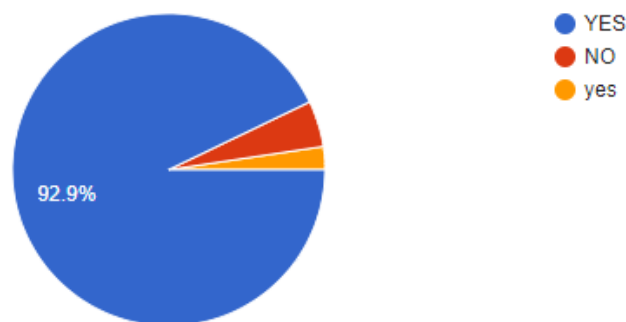**9. Do you think online apps make students smart ?**

82.9% parents agree on online apps make students smart.

10.Are you aware about online apps -enabled crimes?

36% parents are not aware about online apps-enabled crimes.

11.Are you aware of cyber security?

93% parents are aware of cyber security

CONCLUSION

Online apps will impress every student in positive and negative ways. There are opportunities and Risks also. Awareness between children using online apps is very important. Tell them what to do and don't.

1. Don't disclose your personal information on the internet.

2. Keep your email account password secret.

3. Keep face-to-face communication with parents and teachers.

4. Prepare a time table of playing video games, watching live streaming channels, etc.

5. AI tools are only for help, not complete solutions.

6. 36% parents are not aware about online apps-enabled crimes. School or colleges have to take sessions for parents to spread awareness about online apps-enabled crimes.

7. 96 % parents agree on online apps useful for school study. Online apps plays an important role in study.

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