COVID-19: Challenges Facing in Online Learning by Students in Rural Areas; The Case Study in Nandurbar District

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ABSTRACT

At the beginning of year 2020 and ending of December 2019 an outbreak of a novel Corona virus that is COVID-19 find out in Wuhan City (China). It was propagating fast in few months in all over countries. In this situation Government implemented various phase of lockdown in the country. Very bad impact happened to lockdown on educational institutions, schools and colleges and exams. They could not start their academic year at right time. Maharashtra Government declared their decision on all education departments to start an academic schedule in online mode. Due to this all student in rural areas in Nandurbar district (Maharashtra state, India) are facing unexpected challenges to online learn during the period of lockdown. Against this condition with the help of quantitative analysis in this paper expressed various types of challenges to online learn faced by students in rural areas. Our study mainly focused on difficulties of online learning and analysis their challenges faced by students. So many multiple challenges found in online learning such as Adaptability in online learning, technical mistake, Virtual engagement, Communication issues, Lack of online learning skill, Students' feelings, Demotivated during online learning, Lack of literacy about technical skills, Students' stressful condition in online learning.

Keywords: COVID-19, Rural areas in Nandurbar District, Unexpected Challenges, Lockdown.

INTRODUCTION

After the biggest impact of lockdown due to spreading of COVID-19 pandemic was affected all over countries in the world.[1] To control the spreading of corona virus Government banned on public places, crowded area and given strictly notification of physical distances. All over educational institutions, schools and colleges declared online education method instead of traditional classroom method. Schools and colleges adapted full online learning system to control spreading of corona virus. At the period of lockdown new session of academic year getting late that's why to avoid academic delay and loss of education to student, the Government of Maharashtra adapted online mode of education to continue teaching and learning process to all students in education field. This paper realized how student faced online resources, poor knowledge about online education, teaching aids, eleventh hours moment. To reduce the spreading of corona virus, students from rural areas including Nandurbar district started their study and learning from home through digital devices along with internet connection. In online learning specially included video conferencing, pdf, educational videos, audio clips, several tools used for online learning but students faced so many challenges during online learning .[2] Through this paper we interpreting students problems which belonging in rural areas and real condition when they were in online

learning [2]. The student especially in remote or rural areas that have not well equipped with digital devices, learning devices and they have poor Knowledge in online education. Adaptability in online learning, Technical mistake, Virtual engagement, Communication issues, Lack of online learning skill, Students' feelings, Demotivated during online learning, Lack of literacy about technical skills, Students' stressful condition. This type of challenges faced by student in online learning. Through quantitative Online survey in Nandurbar district in rural areas mentioned how students were facing online learning instead of traditional classroom in schools and colleges environment. Through online survey students have given their opinion and problems in learning session during the period of lockdown. Really, the effect of COVID-19 pandemic had bad impact on learning progress of students.
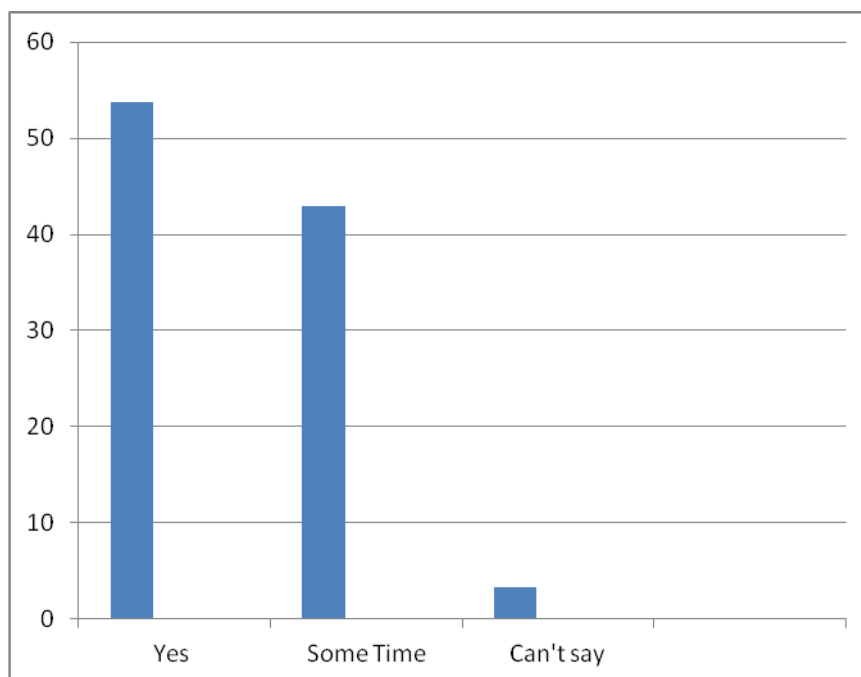
MATERIAL & METHOD

In this study, used a quantitative research method and online survey. This cleared digital knowledge of students and challenges faced by students in online learning. Here we have taken enrollment of 301 students and find out their problems with online survey. Everyone Student mentioned their opinion by using variety of questions which is helpful to interpret result and discussion.

RESULT AND DISCUSSION

Through online survey we found many challenges faced by students.
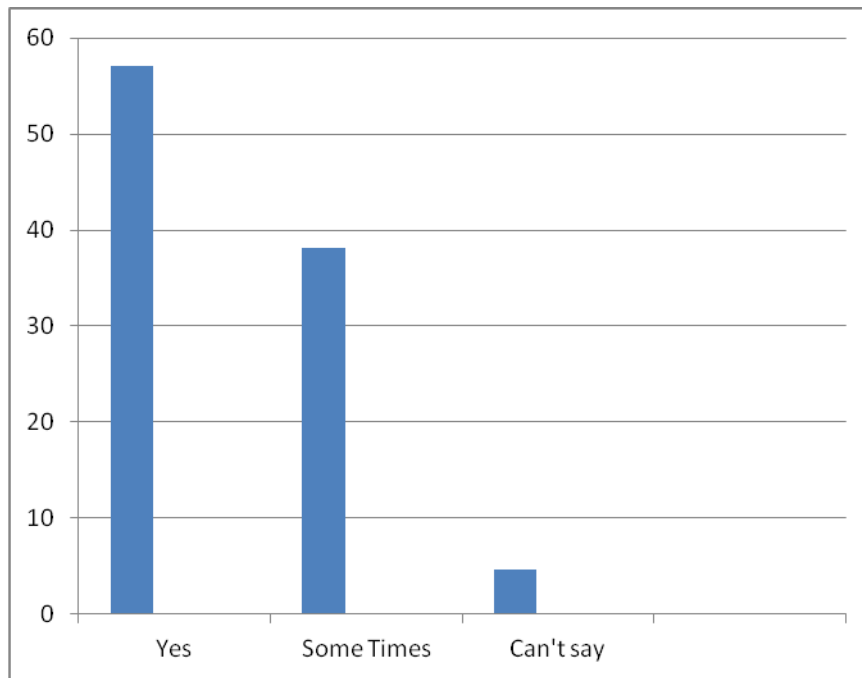
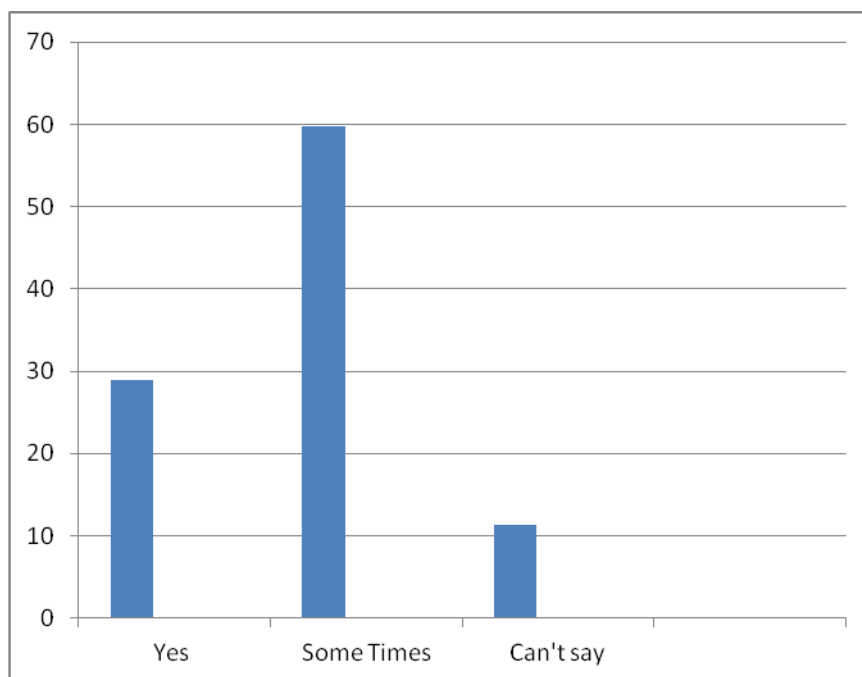**Do you think difficult to accept online learning?**

According to our survey, 53.8 per cent students found difficult to adapt the online learning environment immediately after the traditional classroom learning environment, 42.9 per cent students feel difficult to adapt and only 3.3 per cent students are in neutral position.

Do you find poor internet connection during online session?

57.1 per cent students are not well connected with best internet connection with online learning. 38.2 students experienced some times poor connectivity and downloading subject wise information i.e. video, pdf etc. and 04.7 per cent students not face technical issues in online learning.
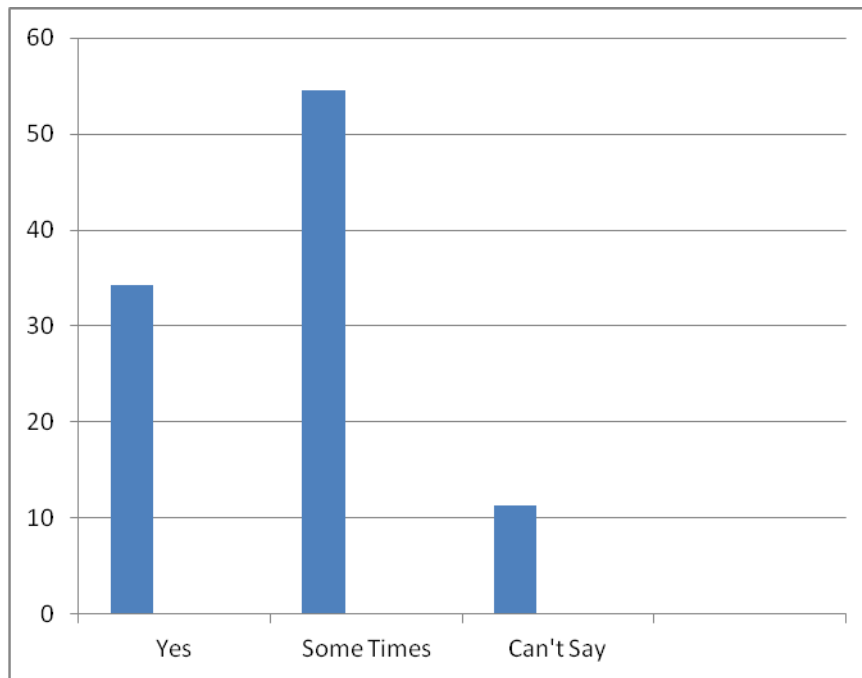
Do you face problems to handle educational app Zoom, Google meet etc.?
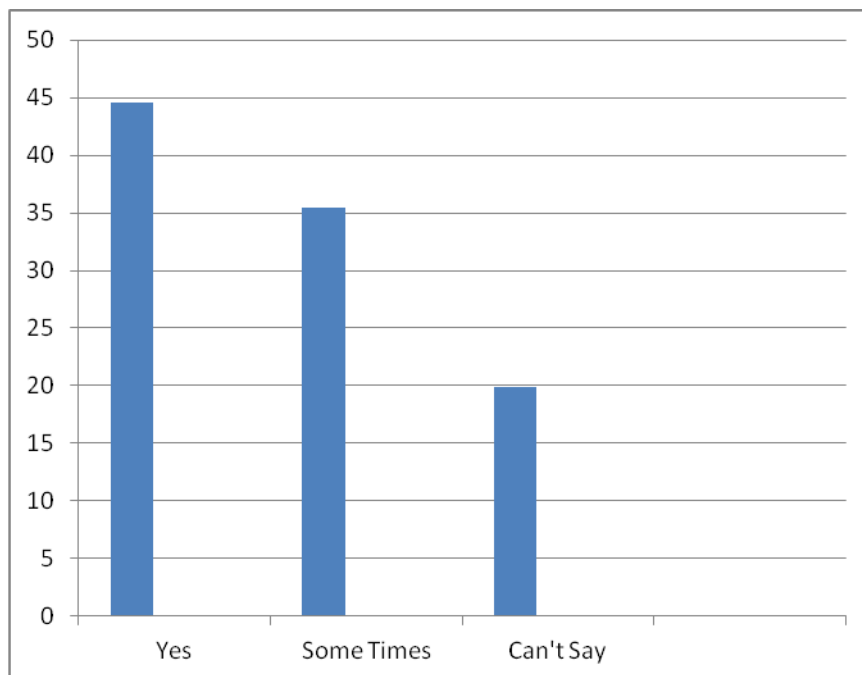

28.9 per cent students have poor technical skill or not comfortable with online learning, 59.8 per cent students faced this difficulty some times and 11.3 per cent students are neutral.

Do you face problems to mange time during on line learning?

34.2 per cent students face difficulties to manage their time for online learning, 54.5 per cent students faced this problem in some times & 11.3 per cent students are neutral.
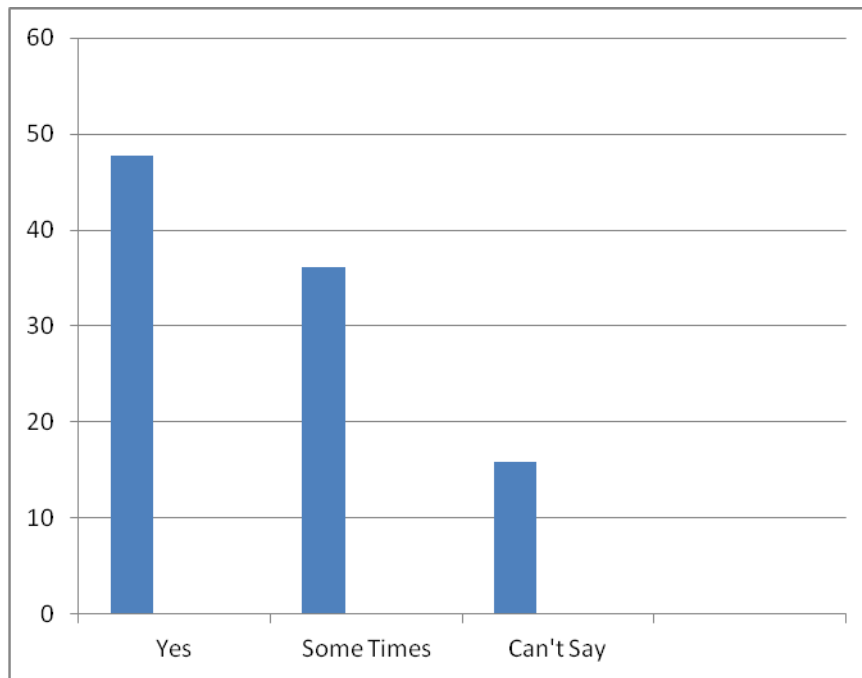
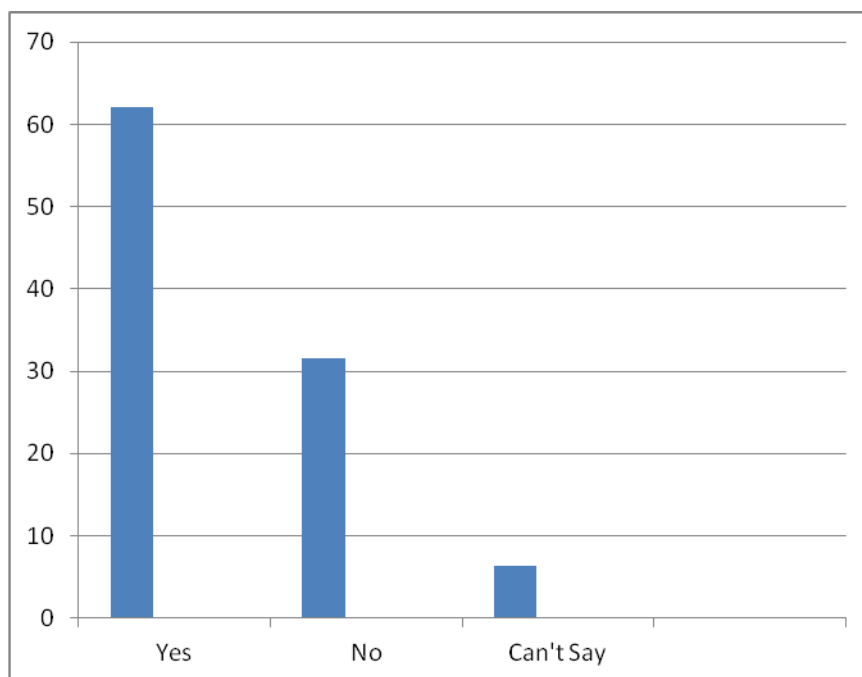**Do you feel lack of motivation during online class?**

44.6 per cent students losing hopes once they find difficulty in online learning and lack of motivation happened, 35.5 per cent students feels it sometimes and 19.9 per cent students can't say.

Is that difficult to manage online learning at home?

47.8 per cent students facing disturbance at home for online learning and 36.2 per cent students facing some times this problem and 15.9 per cent students are neutral.
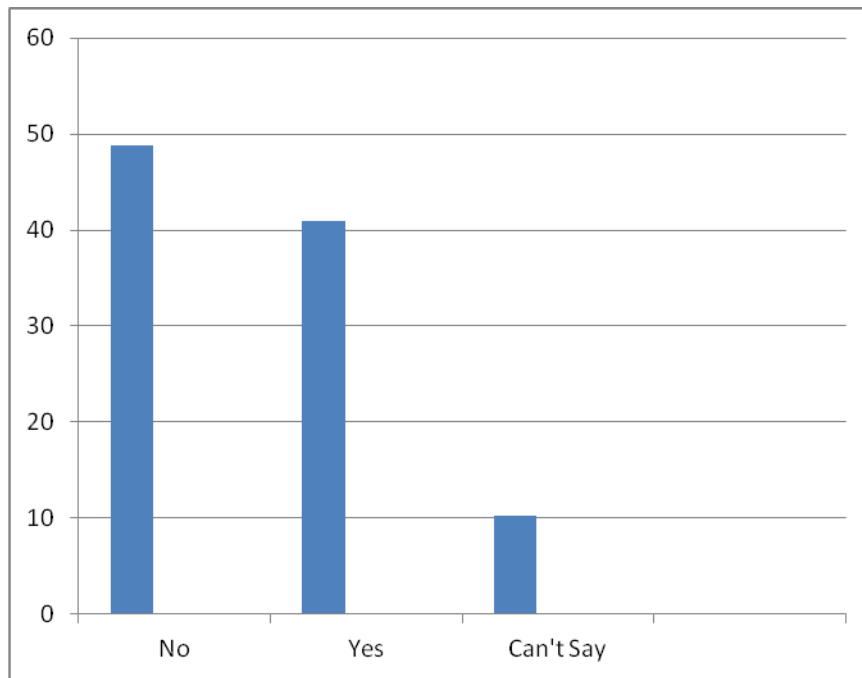
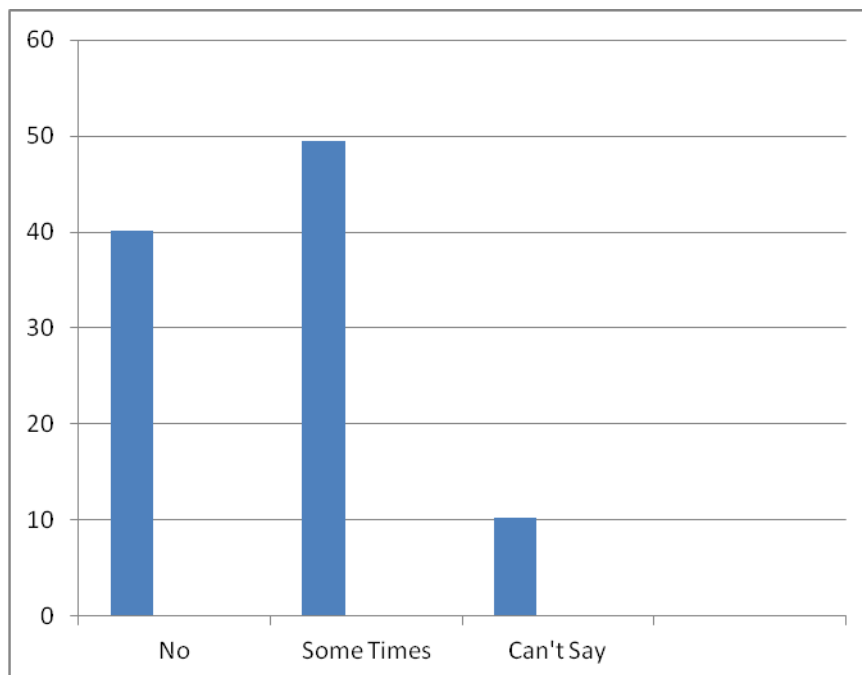**Do you want some period to accept online learning?**

62.1 per cent students feels difficulty to complete learning assignment to online class and 31.6 per cent students faces not this difficulty and 6.3 per cent students can't say such think.

Do you satisfied to improve reading and writing skill through online learning?

48.8 per cent students can't improve learning ability through online test, tutorial and only 40.9 per cent students have improved their ability but 10.3 per cent students have failed to say such type of problem.
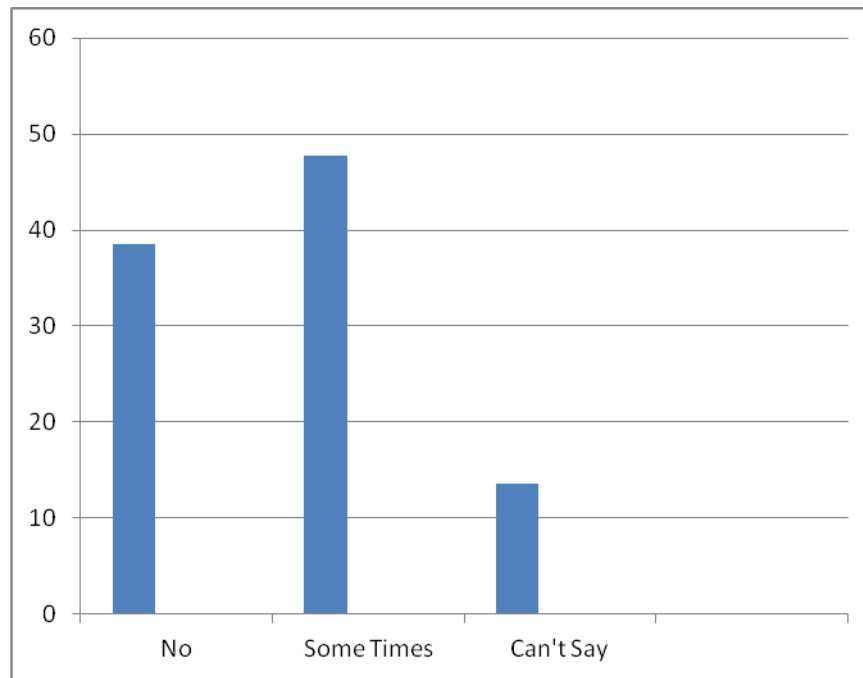
Can you clear all doubt of subject during online learning?

40.2 per cent students could not clear their doubts about subject and they are struggling to understand the concept of teaching during online class and 49.5 per cent students feels some times and 10.3 per cent students are neutral about it.

Have sufficient Net balance OR Data balance for one day to attempt all subject in online classes?

38.5 per cent students facing, consumption too much net balance or data balance and 47.8 per cent students have faced this problem some times and 13.6 per cent students are neutral about this.

CONCLUSION

During period of COVID-19 and after implementation of online teaching and learning method. Students, mainly in Nandurbar district faced multiples challenges when they were learning online education like Adaptability, Technical issues, Lack of Computer Knowledge, Time management, Self motivation, Distractive issues, Lack of online learning styles, Communication issues between teachers and students. From result and discussion, we concluded this when online education was started in the period of lockdown many students belonging in rural areas did not progress in academic year & educational field.

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