

# M-Learning during Lockdown in Schools

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**Abstract** –Every learner is in self-isolation, it can feel like the coronavirus has put the world on hold. The whole world is waiting for release from our temporary imprisonment. But increasing numbers of learners are using the time to build their skillset, with an upsurge in enrollments on online learning platforms through mobile apps which are being offered at various platforms. ICT tool like Mobile or handheld devices playing a vital role for school teaching. M-learning is considered as more personalized learning tool. The schools all over the world started online classes using mobile as an effective ICT tool. The purpose of the paper is to demonstrate the results of an analytical survey done to identify the satisfaction level of teachers and learners who are using this m-learning framework in a present situation. The paper will also discuss various challenging issues that are hindering the success of m-learning framework in current situation.

**Key Words:** m-learning, moocs, personalized learning, lockdown and ICT

## 1. INTRODUCTION

As we realize that due to coronavirus pandemic the schools, colleges and universities are closed across the globe. According to the current circumstances, there is vulnerability when schools and universities will revive. Most likely, this is the vital time for online training part since entrance trial of schools and serious assessments are held during this period. Alongside them how might we disregard board assessments, nursery school confirmations. The prompt arrangement to handle this situation is essential. Due to this lockdown of educational establishments more than 600 million learners will be affected.

The current situation is to handle the gap that will be created in this lockdown period for the learners. The learning is a continuous process and lockdown is putting hindrance to it. There are various solutions facilitated by technology to bridge the gap of learning. Various m-learning platforms are active in a present scenario and students are using them so that no gap should be created in their learning process.

M-learning is giving solutions in this difficult scenario. However, there are teachers and learners who are satisfied with

this platform and at the other side of coin there are many who are not satisfied with it.

We have performed a survey and taken feedback of various teachers in order to judge their satisfaction level and also identify how successful this m-learning framework is in current situation.

## 2. STUDIES AND FINDING

Educators are enhancing the online classes with point by point mobile apps correspondence. The instructors guarantee that the talk plan, understanding rundown and perusing material are conveyed before the online classes. There must be an intuitive commitment with understudy reactions to the entirety of this material and questions both through online conversation meetings and through email. A few educators are holding Zoom classes and that sounds stunning in a class category Schools. Measuring their conditions, educators offered an information pack to certain understudies, yet investigators state that is a respectable thought and not a reasonable or useful one which would make the framework receptive to the requirements of the students. Educators sharing worksheets and study material on WhatsApp and instructional meetings on Skype and zoom. Against the setting of these difficulties, numerous educators accept online instruction is not a substitute but rather a limb to study hall instructing and different systems. It is a brief guide during the troublesome circumstance that we are confronting.

The instructor understudy connection is real to life and a conversation can naturally create, addressing current political and get-together. In online training, when instructors share sound records, it turns into a single direction process which can be perused outside of any relevant connection to the subject at hand. Schools and schools are a rambling space where youths figure out how to live in a vast expanse of thoughts and talks. Krishna Kumar, previous NCERT chief. "The e-vendors only sometimes consider this; even among grown-ups, one once in a while discovers individuals ready to yield that virtual connections or discussions are deceptive from a basic perspective."

A portion of the understudies were inquired as to whether they had a relative who could share a gadget for the class. At the point

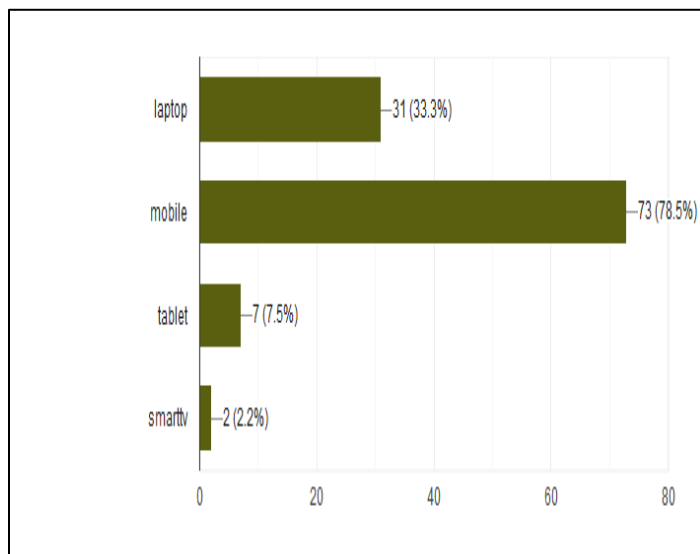
when no uniform arrangement rose, Teachers began recording addresses on YouTube and sharing them on email. Some learning misfortune to happen with understudies who can't receive the rewards of innovation, and is filing everything in Google Classroom so understudies can return to it as and whenever the situation allows.

Starting at now, the online training division at present isn't guided by any standard standards or guidelines by the legislature. Further, the definition and structure of online instruction is missing and now and again online training even incorporates .

Understudies from financially powerless segments are off guard yet instructors will put forth an attempt to enable such understudies to out by sending them the particular e-assets and examined duplicates of writings through mobile apps. Also, these understudies can be helped with extra classes and definite consideration when the lockdown is lifted.

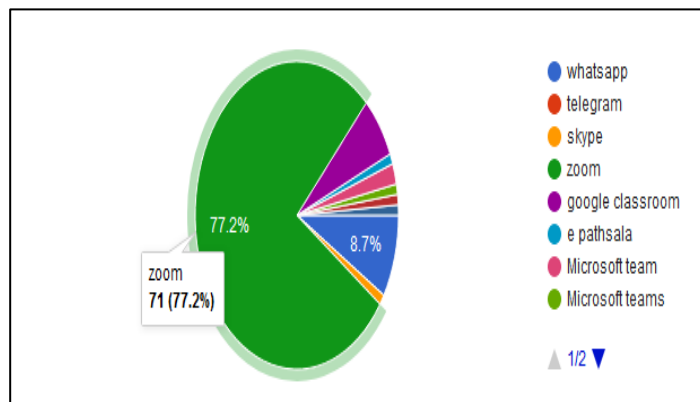
They are additionally a little frightened about how they would "look on record, and would the guardians of the understudies be near? Will there screen? There is anxiety that simplicity of a homeroom can't be reproduced in this mode. A significant number of them are being prepared in how to get understudies on the web, and made mindful of designs on the telephone and zero costs required. We have collected data through goggle form from various school teachers across India and middle east indian schools teachers conducting online classes. Observations are as follows:

2 a) More than 60 percent teacher preference for ICT tools is mobile phone over laptop, tablet and smart tv.



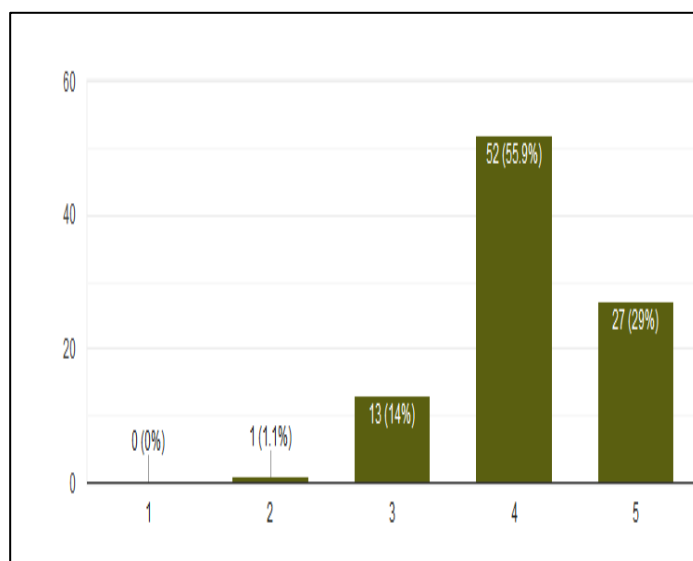
**Fig1 ICT Tools Preference**

2 b) More than 75 percent teachers are using zoom application over other mobile apps:



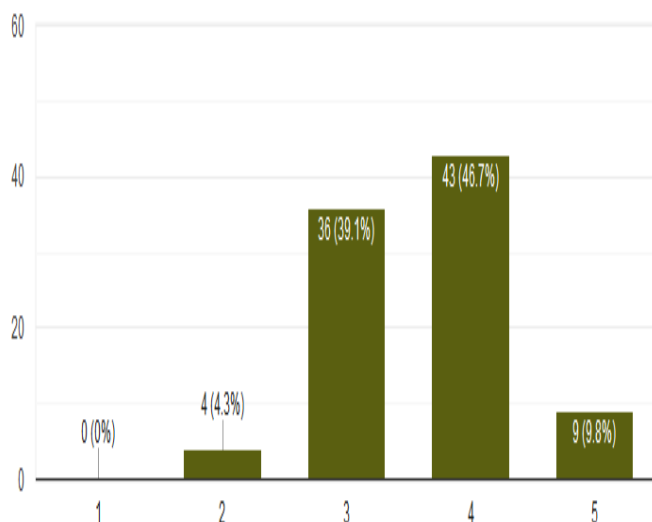
**Fig 2 mobile learning app adoption**

2c) approximately 75 percent teachers are comfortable with online classroom teaching.



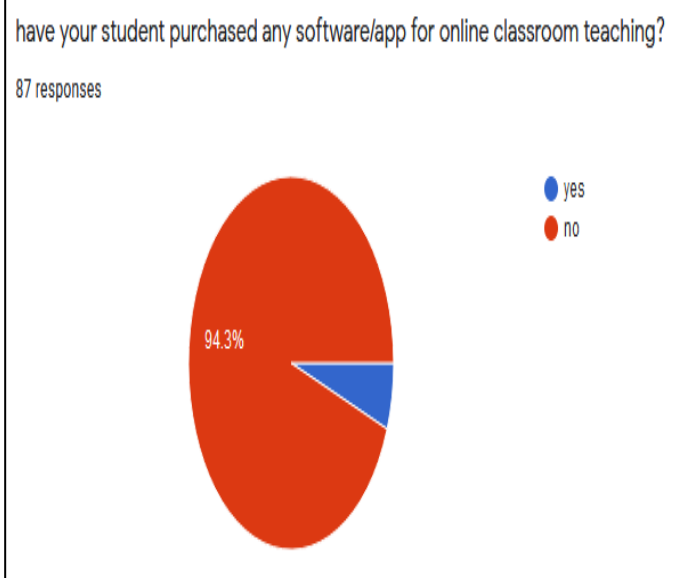
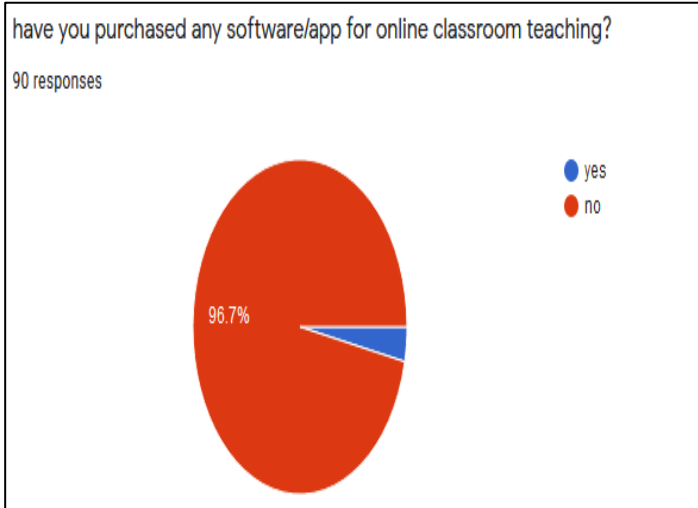
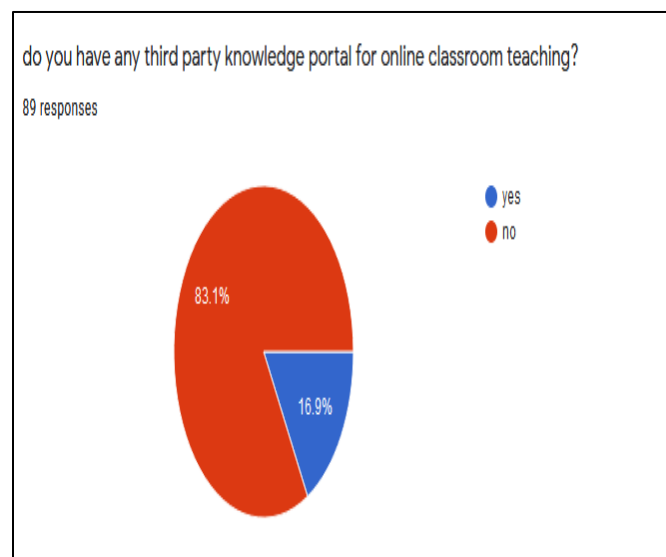
**Fig 3 Online Classroom usability**

2d) Level of engagement of learners is progressive and its more than average.



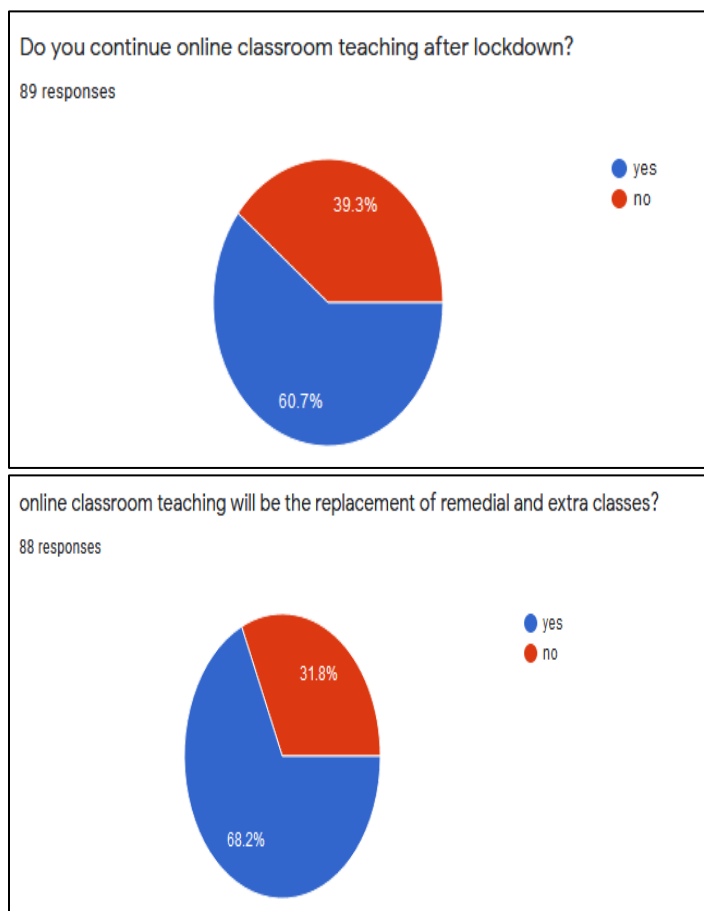
**Fig 4 Student Engagement Level**

2e) We have done the software economic feasibility and more than 80 percent teachers are using free software during lockdown as per the pie graph given below :-



**Fig5 Paid Software usage**

2f) Maximum teachers will use online classroom after lockdown for their remedial and extra classes after lockdown as per the graph shown below:-



**Fig6 Online classes execution after lockdown**

### 3. CHALLENGES

The lockdown has produced vulnerability over the test cycle. May be colleges may confront sway as far as a log jam in understudy entry level positions and situations, lower charge assortment that can make leaps in dealing with the working capital.

- Major concern is that it can influence the paying limit of a few people in the private area, which is taking into account a sizeable segment of the understudies in the nation.
- Student directing activities are likewise influenced.
- Several establishments may stop personnel recruiting plans for existing opportunities which thus influence quality and greatness.
- Structure of tutoring and learning incorporates instructing and evaluation philosophies and because of conclusion, it will be influenced.

- Technology may assume a significant job in the lockdown time frame like examination from home and work from home. In India, some tuition based schools could receive web based educating strategies. Low-salary private and government school will be unable to embrace web based educating techniques. What's more, thus, there will be totally closed down because of no entrance to e-learning arrangements. Notwithstanding the open doors for learning, understudies will likewise miss their dinners and may bring about monetary and social pressure.

### 4. SCOPE FOR IMPROVEMENT

Dedicating a portion of our isolate uninterrupted alone time training makes sense. Main points of interest of m-learning getting the hang of during lockdown are:

- Students those are originating from low-pay gatherings or nearness of inability, and so on separation learning projects can be incorporated.
- To offer help for digitalization to instructors and understudies.
- The need to investigate advanced m-learning stages.
- Measures ought to be taken to alleviate the impacts of the pandemic on propositions for employment, temporary position projects, and research ventures digitally.
- Edtech change at the national level that is a reconciliation of innovation in the current Indian instruction framework.

Other than assisting with supporting your vocation during this financial vulnerability, learning another expertise can give you a feeling of control that will help adapt to tension induced by the epidemic. The mission to get familiar with another aptitude or order might be simply the ideal interruption from the disappointments of self-disengagement – permitting you to interface with new individuals and changing this period into a period of illumination and self-disclosure.

### 5. CONCLUSION

With the help of power supply, digital skills of teachers and students, internet connectivity it is necessary to explore digital

learning, high and low technology solutions, etc. We can't ignore that at this time of crisis effective educational practice is needed for the capacity-building of young minds. Central Government and State need to take some measures to ensure the overall progress in the country. Time never wait, this tough time will also pass. Till then stay safe, stay at home.

## ACKNOWLEDGEMENT

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