

Virtual Mode of Teaching for UG Students in Government Sector- A study

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The paper explains how online classes helpful for UG students in Government sector, their social and economical status and facilities available to avail the online classes. The preparations, abstractions, queries and solutions are discussed in it. Questionnaire was supplies to the students regarding online education. Nearly 250 students responded to the questions. Most of the students expressed that they don't have the personal computer and internet access at their living area. Majority of the students opined that they are using ZOOM online app to attend the online classes and they are being supported by the teachers in learning through online. The students taking help of their siblings where in most of the households are not having devices. However, the majority of the students preferred online education in covid time. Soon after completion of the pandemic, the students no longer concentrate or think about online classes.

Keywords: devices, loses, benefits, health issues, social and economical issue, rural, internet,

Introduction

In order to provide quality education to the young people, to meet the global standards in terms of literature, culture, economics, politics etc, India is introducing National Educational Policy. As an Indian born, it is our primary duty to ignite the minds of Indian students by following the new technology. Following this, many educational institutions started conducting training sessions to the faculty. Proving a proverb, "Necessity is the mother of Invention", the pandemic days taught us how to use technology and how it is accessed to student community. The global Universities and a few Indian institutions are promoting the online education and giving wide scope for the research and all. To promote technology, Virtual teaching was also introduced and infrastructure was developed in the UG institutions to connect with the other institutions and faculty. But it needs changes in curriculum, necessarily to work on accuracy and accountability.

- However, to build the great and strong nation, it is mandate to follow new technology which brings quick and rapid change in India. Private organizations like Jio and others mobile

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companies, trying to introduce new technology enabling to access in the hand. Banning of certain foreign apps encouraged Indian young minds to create new apps. Certain online educational portals like MOOCS, Swayam, Swayam prabha are promoting online courses but needs to develop on par with global standards. The flood of online teaching portals like Byju's, Unacademy, Vedantu, TutorMe, Chegg, Udemy, VIPKid, Magic Ears, Khan academy etc have

come up in India and contributing their services. But the UG students studying in Government sector are not aware of these portals. if some of the students know about these, they can't bear the fee structure they fixed. Several problems have been identified and these issues have to be solved in order to sustain the quality of education for future generations. Basic requirements to attend the online education like Desk top, laptops, tablet or mobile phone, reliable internet, Web cam, Head phones, Soundless atmosphere are lacked.

A survey is taken up with the Under Graduate students studying in government institutions. 148 students were prospectively surveyed cited on different questions. The questionnaire was supplied to the different type of students studying urban and rural areas. For the question "Do you have reliable internet access in your home?", out of 148 students, 62 members responded that there is no internet facility in their homes, "not reliable" by 36 members, "somewhat reliable" was answered by 34 and extremely reliable by 16 people. Nearly 41% of students are unable to get access internet at their areas. Moreover, these students can't bear the charges of getting internet connection. When enquired, every household has the dish connection but they are reluctant to recharge the data in their cell phones to their children to attend the online classes. Even the people who can bear charges also can't get connected with the internet because of unawareness. For another question "What Technology -based applications have you used for online learning", 148 students responded. 90% of students said they are using ZOOM which was introduced by their teachers. Since ZOOM is easy to get accessed for 40 minutes with free of cost. Of course, the rest of the applications like Google Meet, Google Class Room and Webex have got less percentage in the line. 145 students responded to the question "whether you are getting the support of the teachers". "Extremely helpful" was chosen by 42% of students which requires much percentage, "Somewhat helpful" by 30%, "Quite Helpful" by 22% and "Not at all Helpful" 15% of students. Except first one, rest of them should be answered less or nil. 60% of students don't get any kind of help from the teachers and siblings and 40% are not getting any kind of help in learning about online classes and use of internet. For the query "if your teacher

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needs to reach you, what is the easiest way to stay in touch”, 53% of students chosen Phone calls and 39% of them chosen “text messages”. Less percentage preferred “email” and “home visit. Most of the students don’t have even email address. A few of them may have, but they don’t check the mail frequently. For the question “whether the multiple devices used by the family members at the same time”, 67% of students said “No” and “yes” by 33%. In fact, there are many families who don’t have even single device in their home. Among the 33%, the households have different mobile phones but not the laptops and desk tops. At last, the students were asked whether they agree with online education. Since it is easily attended from home and even from bath room, 56% of students showed interest. Even in the recent survey, majority of software engineers are interested to work from home and reluctant to go to offices. Because they are feasible to do the work by doing any kind of household work and dislike to travel to their respective offices. In the same way, the students like to listen online classes though they face hurdles regarding internet, device and proper atmosphere. Attending Physical classes was chosen by 44%. They are aware that they can learn more from their peer group and teachers. It is certain that the students develop interpersonal relationships and we can find behavioral and ethical changes among them while attending the off line classes.

Conclusion

The faculty working in government sector should aware the parents about the necessity of internet connection in their homes. Adding to this, most of UG colleges need to have computer labs and develop them with high-speed internet facility with Wi-Fi. The best applications should be provided by the colleges to the students so that they may be interested to listen the classes. It is necessary to support the students in learning on line and the teacher must aware and inculcate interest among the students before beginning of the classes. since visiting home is not possible, the students should be practiced in visiting the email and teachers should send their messages and ask them to check their emails frequently. Besides physical classes for the regular course, a few online certificate courses should be introduced to the students on par with world standards in the place of conventional and stereo-typed courses. The government should supply the devices to the poor and needy and free internet should be connected to household who can’t bear the charges. The major share of the budget should be allocated to educational sector to change the infrastructure and atmosphere of the educational institutions. The teachers and students must be encouraged in the area of research. Then the aim of NEP is fulfilled.

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