
COVID-19 and Its Effect on Education System

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Abstract: Corona virus (2019) is a new virus which has not been identified previously. It is defined as a type of disease caused by novel-corona virus which is known acute respiratory syndrome corona virus 2 (CoV-2). It's formerly known as 2019-nCoV) this disease effect and effecting each and every field of human life. This research is purely focused on educational side. The study objective were to focus and discuss that how its effect the said field and how we can overcome on the challenges of education. Documentary analysis were performed data that how one can cope with the situation to minimize its effect in education. Some online sources in the form of discussions and articles were analyzed. Discussions and suggestions were made. Recommendations were drawn that how departments and organizations from the field of education can minimize these bad effects.

Keywords: COVID-19, Educations system, Effects of COVID-19 on Research, Recommendations.

Introduction

COVID-19

This diseases is defined as illness due to novel corona virus termed as SARS-CoV-2; usually now known as 2019-nCoV. According to the claim firstly it is identified in Wuhan City in a province of China [1]. For the first time it is reported into World Health Organization on December 3, 2019. In 30th January World Health organization due to the effect of this COVID-19 WHO declared emergency in health globally. On 11th of March WHO declared a global pandemic. It is the first after H1N1 in 2009. This illness of SARS-CoV-2 is recently termed with COVID-19 an abbreviation derived from "coronal virus disease 2019"[1]. Corona various is an infection caused by COVID-19. Which is a newly discover virus. The diseases cause by this virus in a large population of the world. Most of the people will recover without any special treatment or medicine. Some of the people who are infected by other diseases like cancer or diabetes will require special treatment to recover. The right way to avoid and stay safe from corona-virus is to be well informed about COVID-19. It's not only slow down the disease but even will not affect more and more people. Protection is also possible with the help of washing hands and using some type of liquid which is best to stopped and avoids this virus as advised by the medical experts. This virus has no "specific vaccines or treatments for COVID-19" but there are many clinical trivial which attempting to stop this virus [2].

The virus is primarily spread in people when they cough in a closed distance[3][4][5]. These droplets fall into the ground instead of travelling in the air over long distance [3]. The disease has no specific treatment. Treatment is going on in the shape of management like supportive measure, isolation when needed, and experimental measure [6].

Education

Education is the process of receiving and giving knowledge. It may be a systematic way of imparting knowledge either in school or in University. The process of education also has and includes training, teaching and research[7]. Education may be in a formal setup like in school or in university or it may be non-formal or informal. The methodologies of teaching in educational terms known as Pedagogy and andragogy. Educational right is recognized by the United Nations and some of the Governments [8]. Education is considered compulsory up to some age [8].

COVID-19 and its effects on Education

Like all other fields of life COVID-19 affected education badly. Most of the countries closed all the educational institutions because this virus spread rapidly from one person to other when they are in a close distance. To prevent the virus and saves lives of the people like all other departments education departments make closed. With the passage of time Governments starts to make a smart lockdown in which they are going to open different departments gradually. But the case as especially in Pakistan these are examinations periods. Lockdown start in

Pakistan in those days where the date sheets for the SSC were issued. Date sheets of the HSSC were very near to issue while some of the boards have already issued. Now it was not possible to take any type of examination neither on lower levels nor on the higher levels. Questions were raised that what to do with such type of situations.

Discussion

How can one address the effect of corona virus on academic outputs?"

I make the answer on march 23 2020 " Dear Seyedeh Fatemeh Ghasempour Ganji if we want to research on mental stress Qualitative will be better like to collect the data by Interview or focus group discussion. Urgently to save their time emergency measure can take like promotion on recent examinations and on the basis of their current academic records. In research we can do it by making the process speedy when the time become relaxes. Also like online classes and sessions to engage and encouraging them and insuring them by taking practical steps for their academics and smooth running to decrease the effects of COVID-19

I think it can be address that it's causing delay w.r.t to time. It also suffers and delays the academic calendar. This will lead to mental stress on students and on their research activities, so it may be address from different directions. For medical students it may be different [9].

Corona virus and its effect on Research Students?

Corona-virus is affecting every stage of life. Academic calendar is also under attack. This may be recover by promoting the students to the next class but the students who are waiting for their final thesis evaluation and defense to continue their research and studies how Universities will deal the delay time of the students.

Answer for this question added by one of the member was on 27 April 2020 was" Alejandro Rodriguez-Garcia added an answer We are working every weekday except for Saturday and Sunday under a programmed schedule on the CANVAS platform and using Zoom for short live meetings held between students and mentors. When the student is only analyzing results and writing up the thesis, we do not have major problems. Problems arise with students in the process of collecting data and still pending experiments, since the lockout difficult their

performance. We are taking it one day at a time, being very patience and understanding that deadlines need to be flexible, and graduation may have to wait".

On April 28 2020 another famous answer added was "Houda Kawas added an answer Many professors and students continue their research despite the circumstances, and we communicate with students electronically for teaching, correction, etc. In emergency situations we can form a committee to discuss and defend theses with procedures for protection and safety measures".

I post another question on 3-May-2020 "Research Pending Students and COVID-19 this is very clear that the present situation is very challenging due to COVID-19. Education is one of the important parts like health. How it's possible to continue the studies of the research students whose thesis are in a pending situations. They are directly and indirectly suffering from this. Can someone suggest that what to do for them like the studies of other students are converted into online in some situation and some are promoted on their previous class record? What someone has to do with these thesis students".

Some of the answers which I receive for this question were "Wan Noordiana Wan Hanafi added a reply on May 4 2020. For the thesis student, maybe the student who is in the data collection stage can use another alternative such as an online survey. As in terms of discussion with the supervisor, I am sure they can discuss online via zoom, Whatsapp, or Microsoft team. Since now all workshops and conferences are also virtually. The problem would likely occur to those who are doing research in the fields-based".

Another reply to this question "Endashaw Workie added a reply May 4 I think the problem is if the candidate's research is field-based. Otherwise, for lab based research it is somehow possible to continue while report/discuss with supervisors online" [10].

Conclusion and Future Work

Research was conducted to study the effect of COVID-19 on education sector of Pakistan. It is analyzed that due to its dire need and importance education can be continuing by taking some steps and decisions timely. Study explains the scenario of COVID-19 and its effects on education. In future research can be conducted for other fields which are not addressed and discussed in this study.

Suggestions and Recommendations

The discussion and analysis made in the previous section make it clear that effects of COVID-19 like other fields of education are also very deep on the field of education.

If we see the discussion part where we have mention that steps are very necessary and one can save the academic by making some bold steps and decision. If the example of Pakistan is consider in this case it is clear that students are promoted in lower classes on the basis of recent available record of the students.

On elementary and HSSC levels students were promoted on the basis of previous class results. Problem raise in some cases like what to do with the students having no recent previous record like the students of 9th and 1st year. It's difficult to decide but one can handle it like to make promotion on the basis of coming examination like they did with the students of 10th and 2nd year. They can be even provided an option like to take both exams at a time or to count the performance of the 2nd year and 10th class.

Some students may face difficulty like they may think that they will increase their performance if they take the examinations; for those it may be to convince them to reappear improvement exams. Same can be applied for the private candidate to save the academic years of all the students.

For higher classes the students can be promoted on their recent available record. They also have the option for improvement.

Problem will be with research and thesis students of Pakistan who are waiting for their final Viva of thesis evaluation. This can be minimized by eliminating the extra requirements of the universities like evaluation of MS/M.Phil thesis from external person which is not belong to the same university. If it's difficult to contact the persons from other Universities it can be evaluated from different bodies of the same University or from the person other than supervisor to make at more authentic if required. Students can be call for Viva and final thesis submission by following the SOP to prevent and avoid COVID-19 and to save their academic year also. Like some of the Universities are exercising this method in their universities and they are easy with that.

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