

# COVID-19 PANDEMIC: AN IMPACT ON HIGHER EDUCATION IN MULTYDISCIPLINARY AREAS

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**Abstract:** *The aim of this study is to explore the impact on higher education during corona virus disease COVID-19 Pandemic. Above more than 200 countries are suspended their academic work and all the Schools, colleges and Universities are totally lockdown during the COVID-19. Students are studied from home by available study material like books, notes and electronic devices, gadgets and online classes. In multidisciplinary areas students are facing the problems in their study at home. Some are highly important which we will discuss in this paper.*

**Key Words:** *COVID-19, Pandemic, Higher Education, Multidisciplinary Areas.*

## 1. INTRODUCTION:

The impact on corona virus COVID-19 is globally on higher education in multidisciplinary areas in 2020. It starts from China and spread all over the world. Governments are making different-different rules and regulation like complete lockdown for saving and caring the human life. During the lockdown Higher Education effected from some following multidisciplinary areas. Firstly physical and mental health care [1, 7, 8, 11, and 16] is well needed. Secondly focus to study for knowledge [12] using e-learning [3, 4, 9] through electronic gadgets. Approach to academic development [2, 3] with academic research. Financial strong and psychological [6, 13] prepared during COVID-19 PANDEMIC is essential.

## 2. REVIEW OF LITERATURE:

The COVID-19 PANDEMIC covers all over the world almost all the developed countries and non-developed countries are also affected. On the Pandemic time the Higher Education of the world very affected. We will find the impact on Higher Education with many ways. The review of this paper is based on following collected literature which is manly focus on following studies. The physical and mental health care[1,7,8,11,16] of the students, well preparing to study for knowledge[12], e-learning[3,4,9,17,18] through electronic gadgets and devices, academic research[2,3] with financial management[5,10]. Psychological healthiness [6, 13] is must for each student during COVID-19 Pandemic.

## 3. PURPOSE OF THE STUDY:

The purpose of this paper is to find the impact of Higher Education during COVID-19 Pandemic disease. Effect on student mental health during total distancing period. All students are stay in home and continue their study from home. E-learning teaching system providing for the knowledge to the student throughout electronic device. Development the research work during COVID-19 is continually in all over the world especially on COVID-19. The academic research work is based on the Corona Virus Disease (COVID-19) in its all possible directions. Students are facing some problems in multidisciplinary areas like financially weakness, low immunity and changed teaching process. All the areas affected to the students, they feel psychological pressure in their routine work in the home. This study is focus to find the positive or negative impact on students as well as higher education.

## 4. RESEARCH METHODOLOGY

We studied in following multidisciplinary areas to find the impact on higher education during CORONA VIRUS DISEASE 2019 (COVID-19).

**4.1. THE MENTAL HEALTH CARE OF STUDENTS DURING COVID-19:** The corona virus disease 2019(COVID-19) spread all over the world. Many countries have applied the measures of social distancing. According to the UNESCO REPORT as on APRIL 8, 2020 about 188 countries have been suspended their education institutes and 90% are out of education. According to survey of MENTAL HEALTH CHARITY YOUNG MINDS, total participants included 2111, students up to 25 year age found 83% illness history and their condition had made worse. 26% students were unable to access mental health care. University, college student are stressed about their loss during COVID-19. They have worried for their needs for future planning, Assessment marks, examination and final evaluation of education.

**4.2 THE PSYCHOLOGICAL EFFECT:** The corona virus disease (COVID-19) has spread from China to rapidly grow in all the world as on 23 Feb 2020 already to the official website of China there were 49824 confirm cases (Including 9915 severe cases) and 3434 suspected case in COVID-19. The big data is imposed the Psychological pressure in China public and his Government.

**4.3. THE PERFORMANCE OF STUDENTS:** The Corona virus COVID-19 confinement time the performance of student in higher education has explored. In field experiment in UNIVERSIDAD AUTONOMA DE MADRID (SPAIN) positive result have found. The students are more concentrate to the study. During COVID-19 student are changed their learning strategies. Students are developed continue their study power and efficiency. We are expected more good result with better score in forthcoming examination.

**4.4. E-LEARNING PROCESS:** COVID-19 PANDAMIC is world wide spread and it effected in schools, colleges and Universities also. All University have stop the campuses and their students have sent to home. Above 188 countries are suspended their academic work in their campus. Physical teaching or class teaching replace from online teaching through available infrastructure with uses of mobiles and gadgets. We have collected some following reports and results of online teaching during COVID-19.

**4.4.1. REPORT-I:** The report of **NORVEY TEACHERS** is based on survey of academic teachers in period of PANDEMIC COVID-19.

#### **FINDINGS OF REPORTS I:**

- Technological challenges and pedagogical in security were the main issue identified setting of online teaching, as well as concerns over data privacy.
- **COVID-19 lockdown-reloaded obstacles were frequent:** appropriate at home, care of children and illness, lack of equipments and difficulty off organizing practical or lab based activity.
- Digital overloaded and pressure over Psychological health.
- Many found to learn new digital technology and software program and re-arrange course design on such short notice. Ensuring sufficient time for adjusting to complete hybrid digital learning was a priority for many.
- Finally design your online teaching and the learning activity in this period in an informed manners, adjusted goals, contents, activities and insure contact with students.

**4.4.2. REPORT-II:** This Reports have took from the title of the research “**UN MASKING THE NEW FACE OF EDUCATION**”. The report Concluded that the maximum student in fever of studying throughout online classes, but they fill that there is a lack of co-curricular activity in the online mode of conducting classes. In this report 41% students or not responding and 59% ready to learn by the online classes. The University, Schools design the plan so that along with studying their regular courses. Finally, if proper design the course keeps some fun activity then students will wholeheartedly continue the online classes.

**4.4.3. REPORT-III:** we have concluded the facts from the **PEKING UNIVERSITY, CHINA** on online teaching system.

- Making emergency preparedness plans for unexpected problems.
- Distribute the teaching content into smaller units to help the all students.
- Emphasizing the use of “voice module” in teaching.
- Working with teaching assistants and provide online supports for them.
- Strengthening students active learning ability outside of class.
- Combining online learning and offline self-learning effectively.

**4.5 THE ACADEMIC RESEARCH WORK:** Corona virus disease (COVID-19) is exponentially growing worldwide. World Health Organization has declared on 11 marches 2020 the Covid-19 is a pandemic. About 188 countries have stopped their schools, colleges and Universities to save the student life as well as human life. Now this period academic have the more chance to research for the human life. Already researchers, doctors, technologist, pharmacist and other health care workers are working full day and night to say the medicine and vaccine for control the corona virus. Some current required major areas are identifying all academic research.

#### **Some current areas are:**

- Vaccine making
- Medication/Therapy

- Health Care and Equipments
- Social
- All academic related research work

**“COVID-19 is attacking directly to the human life so it is necessary to protect the human being by the required vaccine making academic research”.**

## 5. CONCLUSION:

We have concluded all the discussed points and distribute it in two ways positive impact and negative impact. As per the result we shall describe as following:

### 5.1. POSITIVE IMPACT:

- In fact the concentration of students is increased to the study.
- Online teaching is like a playing the game for the students.
- The students have become in new techno era.
- Create a self power to face and fight the emergency problem just like corona virus disease (COVID-19) Pandemic.
- Learnt the new lesson to save the family and human life which is a higher of higher education.
- The academic research is creating the history in the world.
- Research is continuous in many ways to control the attack of corona virus to save the life.
- Almost all the developed countries are funding and researching in high level to make the vaccine for stop the COVID-19 PANDEMIC.
- This time academic research has create some new areas for save the human life.
- Developed the Positive thinking and creative thinking for all the research work in all over the world which is provide the great value to the” **HIGHER EDUCATION”**.

### 5.2. NEGATIVE IMPACT:

- Students are becoming weak, less immunity, stressed and feared.
- Physical and mentally health care is needed for the student and the society.
- Drawback of online teaching are also coming with less of infra structure.
- Power connectivity is also effected online teaching.
- Financial weakness is defeated to new teaching system.
- Mobiles and gadgets are not sufficient for effective online teaching for all the students.
- Students have got some psychologically pressure about care of health ,financially weakness ,online classes, evaluation of coming examination and also job thinking.
- Academic research on corona virus disease (COVID-19) is very costly, lab setup and making the vaccine, only developing countries are researching.

Finally, we have to say that the **HIGHER EDUCATION** is very much impacted with multidisciplinary areas. The positive impacts are good but for negative impacts are creating challenges for us they need some reforms.

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