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The Impact of Covid-19 on Educational System in Chhattisgarh

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Abstract: With the outbreak of novel coronavirus in 2019 the total life of people around the globe has drastically changed. In the beginning, it was a health hazard, Later it affected socially, economically and then educationally. In one word every field of life rapidly changed. The government around the globe imposed lockdown due to which all public places were closed; especially the education institutes, schools, colleges and universities. The sudden closure for uncertain period makes educationists, teachers' pupils and scholars to rethink on the teaching learning methods and strategies. Due to lockdown, to maintain social distancing in this pandemic period traditional classroom teaching shifted towards online e-learning. A transitional change in education system was seen. New E- learning tools, use of digital technology was adopted. Many educationists are thinking COVID-19 influenced the education system to go for new learning environment, imposing to access digital resources like laptops, computers, mobiles, smartphones and broadband Internet connection.

Index Terms - Covid 19, Lockdown , Teaching Learning Methods, E- learning Tools.

I. INTRODUCTION

The world has seen the spread of deadly epidemic diseases like chikungunya, cholera, influenza plague, yellow fever etc in the past. But COVID-19 has far outclassed all in terms of inflicting huge loss of human lives. Apart from that Coronavirus is quite contagious and can pass easily among people without any previous symptoms. Lockdown has been imposed in all over the world to save the lives of the citizens from the spread of the deadly virus. The education system has been badly affected due to it. With complete lockdown being imposed in India, the education system virtually came to a standstill which is an unprecedented and unfamiliar situation. Due to use of online internet-based technology, teaching learning platforms have been started in nearly all educational institutes. Many students and senior teachers in rural areas have also been accessing using smartphones and computers.

The government and all universities, and their affiliated colleges provided e-learning programs. The classroom teaching was replaced by e-learning and online classes. Seminars were replaced by webinars. Covid 19 has prompted educationists to rethink and modify the traditional mode of teaching to the digital training. Most governments around the world have temporarily closed the schools, colleges and universities to stop the spread of the covid 19. The internet and electronic gadgets are the only available resources during the lockdown period to complete the pending syllabus for the promotion to next class. The structure of teaching learning process and evaluation system and promotion to higher class underwent change. Only some entrance exams were conducted offline. The students and teachers have multiple learning and teaching options. They initiated innovative, pedagogical methods e-based learning modules for effective education .

Pandemic transferred the education system

- Online teaching tools exploded like a bomb. The traditional classroom teaching shifted to online teaching using various e- tools like Google Meet, Microsoft office, Zoom and many more. In rural areas where internet connectivity is very low, local governments launched radio and television programs together with the distribution of print materials.
- New methods of evaluation: during Covid 19 Pandemic online exams were conducted by various educational institutes to promote students to the next class. Even practical exams and viva voce of research scholars were also conducted online.
- No disparity between Ages: not only the youth, the children and old age people were also forced to adopt new techniques. They also got acquainted with online classes, E- tools and gadgets. Pandemic forced all age group people to use technology.
- Health, Economic and Education was severely affected by covid-19. Since the announcement of lockdown lives of millions across the world got ruined. According to UNISCO reports, more than 1.5billion students in about 165 countries have been affected by the lockdown.

As of 12 January 2021, approximately 825,000,000 pupils are affected due to school closure impacting about 47 percentage of the e- resources like Sakshat one stop education portal by MHRD, e Pathshala, e- Gyankosh- a national Digital Repository SWAYAM are being used by teachers and students for teaching learning process. Many types of online education emerged like Distance Learning, Home Schooling, flipped learning, Blended Learning, E-learning and M-learning.

Different on line teaching learning processes

- **Flipped Learning:** It is a strategy that oppose the traditional learning environment to outside classroom environment. It moves activities like projects, assignments; home works etc into the class.
- **Blended Learning:** Based on the in- person and online class interaction, it is an effective implementation and combination of different methods of learning, different learning environments and different learning styles to active the optional learning environment.
- **E-Learning:** E learning is defined as the learning which is based on electronic media, like digital text, images and e-content and e-lectures.
- **Home -schooling:** Home- Schooling is a strategy in which content and study materials are provided to the students. Assessment is based on assignments and online tests.
- **Asynchronous Online Learning:** Provided content and assignments to the students. Interaction takes place between students and discussions boards through blogs and Wikis.
- **Synchronous learning:** Provided interaction with the instructor and students. Students interact through video or audio chat.
- **Individual Online Learning:** Studying the learning material contents on their own according to the individual interest and necessity through available resources is called individual online learning.
- **Collaborative Online Learning:** Studying the learning material and content in a group through online to achieve learning objective and common goals is called collaborative online teaching.

Impact on the examination system

- Corona affected India in the month of March which is a peak time of examination and assessment. Degree 1 and 2year students were promoted on the basis of results and student's performance before the lockdown. Third year students were taken online exams by the university.
- The ministry of Education also devised alternative assessment and statistical measures to assure transport and correct prediction of students performance on the general education, diploma and its equivalents based on their performance in the first semester.
- Coaching institutes also started their online coaching. Webinars, online quizzes, poster making, essay writing are came into light.

Impact on the universities

- Due to the postponed and cancellation of many entrance exams including engineering and medical many seats were vacant.
- Unable to generate funds face economic crisis due to lower fee collection.
- Unable to offer faculties and employees due to hurdles in managing the working capital.
- University exam schedule was unbalanced. Appointment of external examiners are also affected. Many universities conducted their convocation, PhD Viva through online.

Teaching institutes and colleges

- The colleges and Universities close the doors to campuses across the world in response to the COVID-19 outbreak.
- Online admission process was open for students.
- They have faced the challenges of online education, online exams and online admission. No recruitment in this period.
- The formal education system, general academic studies, co- curricular activities conducted by the colleges is also affected.

Impact on the teachers

- Many part time faculties and employers were removed. Percentage of salary was deducted by many institute and by managements. Bonus and increments postponed.
- Teaching faculty started their work from home like engineers.
- Senior faculty members learned how to use mobile phone to its optimum and started taking online classes through Google Meet, Zoom, Microsoft Office and many more to pen.
- The methods of teaching, assessment process of students by teachers was changed.

Impact on students

- Students were abruptly affected by Corona. Students are deprived of their educational and sports activities.
- The completion of subject material was hurdle for them confused with the postponement of exams.
- Students deprived opportunity for harmonious growth and development.
- The social activities and human interaction were neglected.
- Students isolation from friends and teachers may result in an unequal distribution of psychological and behavioural problems.
- Disruption in routine due to closure of school.
- The reading, writing and speaking skills were affected due to closure of educational institutions.
- Dropout rates also increased.
- Students those who have completed their graduation faced job postponement /cancellation of time from the corporate sector.
- The completion of subject material was hurdle for them confused with the postponement of exams.
- They got opportunity to learn new educational skills.
- Come closure to family members
- Developing inner strength to face challenges.

Impact on Parents

- The economical situations are very challenging. Many parents taken debt due to pandemic. Parents are uncertain and anxious due to the disruption in their wards education.
- Disruption in routine due to closure of schools.
- Lot of mental stress and physical strain.
- No resources for entertainment for them and their wards.
- Too worried about their education and future

Recommendations

- Curriculum should be re designed according to the present need.
- Learning methods should be changed. Blended learning alternatives teaching learning methods should be adopted.
- Coping strategies to handle loneliness and helplessness are need of the hour.
- Specially abled students need specific measures to learn online education and distant education
- Low-income background students need support for Internet connectivity and learning through digital platform.
- Remote teachers need special training. Orientation sessions for preparing videos, for preparing subject matters, to take live streaming classes and online lectures are required.
- Remote lessons should be provided for both lecturers and students
- Senior teachers required demonstration and guidance to acquaint with the new digital learning tools.
- Provided support to the parents to use digital tools.
- Parents are required to monitor their wards while attending their online classes.

Conclusion

The digital media technology play a vital role in the COVID-19 period. It helps a lot to complete the course contents conducting theoretical and practical exams. It is difficult to access to online connectivity specially those students and teachers staying in rural areas but it is not impossible. From schooling to university level even Research PhD and Viva are conducted online and degrees were allotted. COVID-19 has prompted the educationists to rethink the traditional mode of learning. New learning methods online classes were emerged. The subject content was covered through online of teaching learning strategies. The covid-19 has changed the educational system towards digital learning. The global pandemic has virtually brought the world to a standstill but at the same time it has opened new avenues in different countries especially in digital platform physically no one is accessible but electronically it didn't make any impact on learning process. Many digital tools e-learning strategies were adopted by all people. Pandemic has exposed the unleashing of new innovative and creativity of e-Learning revenues. Various educational institutions came out with their own ways to fill the gap by closure of all education institutions through e learning like webinars zoom platforms Microsoft team and Google meets.

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