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Current Issues Faced by The Education Sector: Pedagogy Approach Finding A Way Out

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Abstract
In this literature review, discussion of major concept is summarised such as interactive learning, Modern education system has a strong concern over the embedded learning. It has been summarised that collaborative tool need to be improved for learning of students. Mass closure of schooling system due to the Covid pandemic has negative impact as well positive impact on education, school has become online platform oriented. A theoretical framework has been disused in order to illustrate all key factors. Gap of new literature and existing literature is also summarised under this section of review. Thus, it has been found out that pedagogy approach emphasises over curriculum approach and assessment for learning.
Keywords: Pedagogy, Educational Sector, Curriculum, Extra-Curriculum Activities, Learning & Teaching, Covid-19, Remote Learning, and Digital Learning.

Introduction
Due to the Covid-19 pandemic, the educational sector has faced a major issue of the mass closure of education organizations. Remote forms of education used to lead to many emergencies and problems in the educational sector. This Covid has affected nearly 185 million students in the learning process (Worldbank.org, 2021). This review section has emphasised over the different concepts and themes in order to discuss the pedagogy approach to provide a solution. The educational sector, its expansion and its closure is a potential concept that is discussed in this chapter. A literature gap section is summarised to discuss the loopholes of different papers. A conclusion action is also discussed in order to summarise all key factors.

Literature Review
Educational Sector

Under the context of Covid 19, the pandemic has faced an issue of distance learning. As per the view of, Williamson et al (2020), remote learning and its practices is a new chapter in the educational sector. In the crisis, many educational companies have focused on the video conferencing and online classes to teach people. It has been analysed that due to this pandemic, the educational sector is also known as the *edu-tech sector*. As an example, edu-business has faced a spike due to current problems. It has been analysed that *investment bank BMO capital* has invested in Edu-tech stock to promote online learning. The educational sector is facing a crisis situation in recent times. The educational sector is looking for "*innovative and context-appropriate solutions*" to provide education in an effective order. On the other contrary, Oke & Fernandes (2020) argued that the education sector is based on the smart systems in an effective way. The educational sector is based on the digital native. As an example, there is a major option that is "*LinkedIn and other Massive Open Online Courses (MOOC) platforms*", which helps to transform an education sector. In the recent education sector, tutoring is a major trend that comes under the pedagogy. In the education sector, the concept of a developmental classroom needs to be maximised in order to improve all issues. It can be said that education vans technology has a speculative future in this sector. The education sector has emphasised on the digitally mediated content to teach students apart from the physical classroom. The traditional educational format has faced a major issue due to this covid period. The current educational sector has strong concern over the consequences of public pedagogy in recent times. This public pedagogy has a strong concern over the constructed knowledge rather than formal schooling practices.

Issues Faced by the Current Education Sector

The current educational sector has faced an issue of a decentralised schooling system as well as the issue of reuniting of schools and colleges. As per the view of Dhawan (2020), acceptance of modern technology is a challenge that is faced by students and teachers. In recent times, the education sector has faced the affordable course for the learning of students. Moreover, remote teaching via different platforms such as "Google Hangouts, Skype, Adobe Connect, and Microsoft teams" may impose different issues such as lack of depth teaching. On a contradictory approach, it is evident that practical exposure and knowledge of students have faced a major issue in this Covid. It is also evident that remote learning is not possible for some students who used to have low socio-economic backgrounds. It can be said that the learning process is customised in recent times to manage the issue and challenges. Acceptance of smart technology is a major issue which is faced by the teacher. Higher education and primary education have been suffering for a long time due to this covid period. Thus, long-term learning loss used to have a major impact on the transmission of the learning process. Responsibilities of tasks and evaluation are a risk in recent times. It can be aiding that lack of openness to the new learning processes is a major approach that needs to be maximized to solve the challenges of the educational sector. The educational sector has faced a major issue which is the lack of concentration. Thus, the disciplinary problems of students have arisen. Traditional and authoritarian concepts among teachers used to compose an issue in the educational sector in recent times. Moreover, it has been analysed that manifestation of flexibility among teachers and students. The current education sector has a major concern which is online distance learning for higher and primary education; it has both positive and negative sides (Williamson et al., 2020). Children education has faced a

major issue of lack of understanding in depth. High level of schooling decentralisation is a major issue which is faced by the education sector.

Pedagogy Approach
As per the view by Williamson et al (2020), the pedagogy approach is a global norm of learning and teaching. The pedagogy approach has a strong concern over the curriculum activity of students needs to be maximised in an effective way. In recent times, UNESCO has emphasised over the pedagogy approach to foster the learning of students. It has been analysed that the modern pedagogy approach has focused on the following perspectives for students which are *cross over learning, embedded learning, centre-based learning and many others.* As a recommendation, implementation of "Theory of Acceptance and Use of Technology (UTAUT)" is needed for the revolution of the education sector. Under the context of pedagogy, there is a major learning which is *embedded learning,* the process is a mixture of classroom and e-learning. It has been analysed that blended learning is used to manifest the performance and satisfaction of a student by 15% (Oke & Fernandes, 2020). The modern pedagogy approach has a strong concern over the interactive learning among teachers and students.
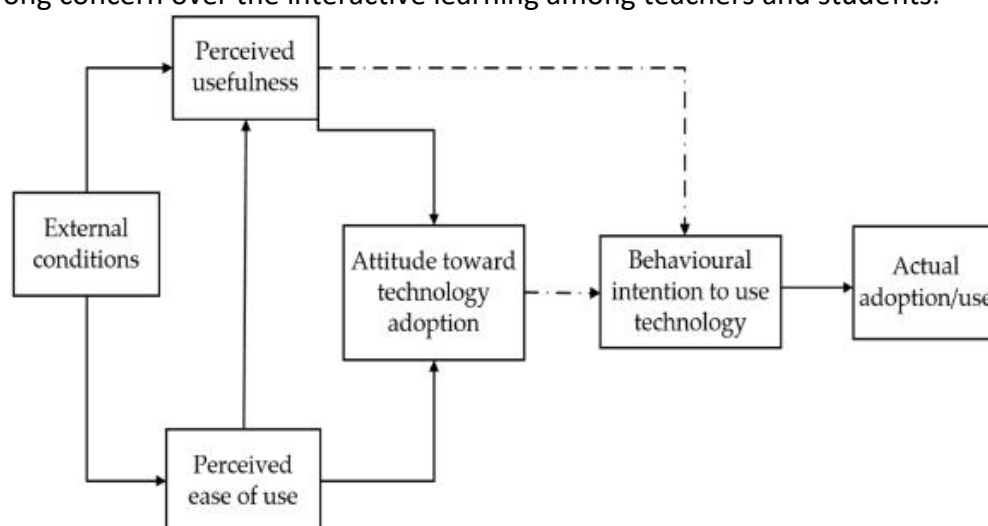

Figure 1: "Theory of Acceptance and Use of Technology (UTAUT)"
(Source: Oke & Fernandes, 2020)

As per the opinion by Umami (2018), curriculum and assessment practices need to be done under the pedagogy approach. "*UNDP and PEER reports*" has revealed that the quality of education needs to be improved among different countries. It can be said that Covid 19 has manifested the learning process in a different way. As an example, the limitation of classroom learning is decreased in recent times. Content standard and smart concept of learning is a major concept in under the pedagogy approach. It has been evident that the interest in student learning needs to be understood. Speaking skills, as well as non-academic skills, needs to be improved such as speaking skills, communication skills and many others.

Evaluating how the Pedagogy Approach will Help in Solving the Issues of the Educational Sector
As per the view of Nancy et al (2020), the Pedagogy approach has a strong concern over the process of hybrid learning as a solution. The solution of this pedagogy approach has a strong concern over the collaborative learning to teach students. As an example, 50 companies have

been identified to solve the issue in Africa (Oke & Fernandes, 2020). As a solution, there are different practices which are podcast in the classroom, screen cast, using of gadgets for classroom and many others. In post Covid time, the pedagogy approach has been emphasised over the smart boards. On the other contrary, argued that peer learning is a major approach that needs to be implemented as a solution. Moreover, project-based learning needs to be incorporated under the pedagogical approach. It has been evident that industrial demand and kill need to be propagated in order to manage the learning of a student. "National Science Foundation and National Research Council" has emphasised over a process where the collaboration of industrial learning, as well as *academic curriculum*, is needed in recent times. As an example, the USA is the major example of the industrial revolution along with the academic curriculum. Another quantitative study has revealed that nearly 77% of the student has supported peer learning to accumulate pedagogy approach (Polkowski, Jadeja and Dutta, 2020). It can be said that this generation is based on the "*smart Collaborative University (SCU) concept*". Implementation of artificial intelligence needs to be improved to incorporate the pedagogy approach (Akhrif et al., 2020). Thus, an information processing system can be manifested in an effective way. As a solution, it is evident that the specialisation learning space for different subjects such as chemistry, physics and biology needs to be improved in an effective way.
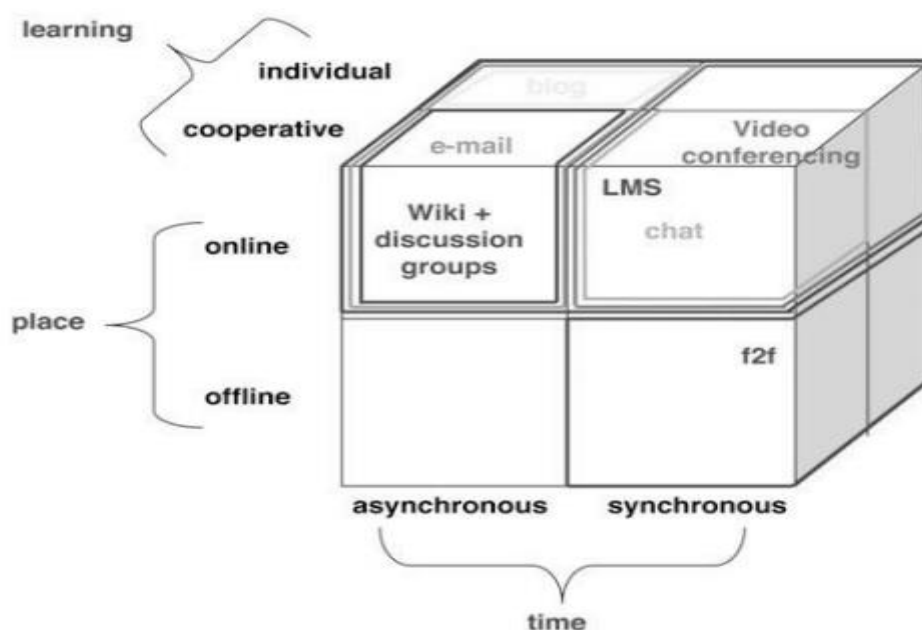

Figure 2: Hybrid teaching and learning process
(Source: Nancy, Parimala and Livingston, 2020)

Theory of Modern Learning
As per the view of Nancy et al (2020), there is a major theory which is modern learning theory. This theory has a strong concern for knowledge as well as skills. Under this context, there are two important theories one is transformative learning theory and experiment learning theory. It has been evident that the implementation of skill has a major impact on the cognition of a student. Thus, the numerical ability of a poor student can be improved in an effective way. Thus, the modern theory of learning has a strong concern over the application of tools. On the other concern, Hochberg et al (2018) argued that experimental lead theory has worked

for four stages which are based on the experience of skills and its reflection. This skill has been manifested through the usage of smart techniques such as the usage of phones. Due to the Covid situation, this type of learning has faced a major issue such as lack of outdoor exposure and practical experience. It can be said that this approach needs to be maximised. In the online concept of knowledge needs to be strengthened and practices, thus the implementation of the pedagogy approach can be concrete. Moreover, the modern education paradigm has a strong concern over the linking between the concepts and content, which is a vital factor nowadays. As an example, laboratories implementation of art, music and other subject needs to be maximised to manifest the modern pedagogy approach.
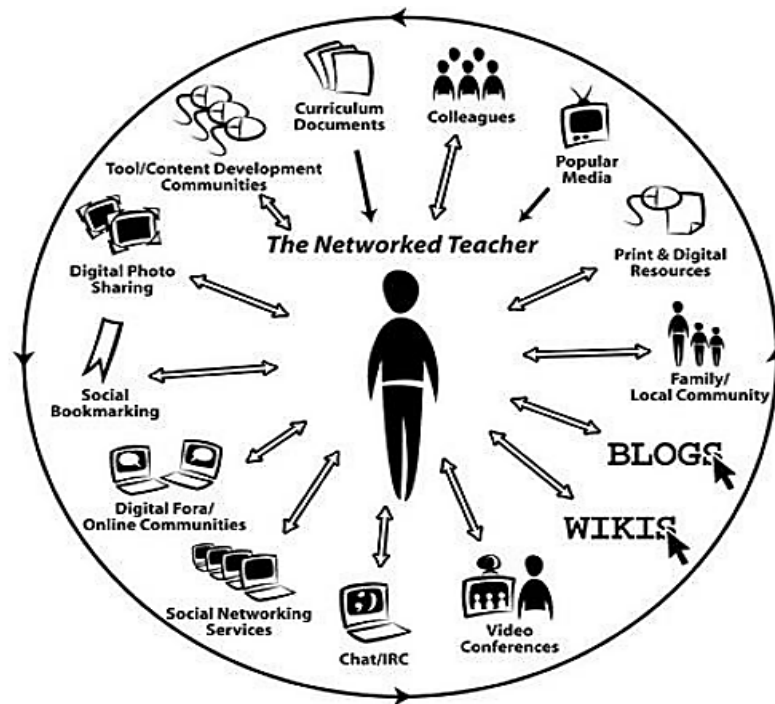

Figure 3: Network teacher in modern education
(Source: Nancy, Parimala and Livingston, 2020)

As per the opinion by Brukstutė (2019), learning areas became diverse nowadays which has an impact on the physical classroom and environment. In recent times, there is a major concept which is the *open classroom*. Shaping of an idea is a major factor among students which needs to be done in an effective way to manifest the learning of a student. The strictness of routine needs to reduce in the modern educational system. Under the context of the modern educational system, it has been evident that in South Asia, business and collaboration of education and technology companies have ramped up with each other. Under the context of modern learning, there are few concepts that are mentioned as follows:

- *Online Question and Answer*
- *Guest Learning Session*
- *Fee Services*
- *Platform based Learning*

In the covid times, technical platforms have been dominant in nature. Thus, the number of global commercial platforms has been increased. Covid has manifested potential thinking which is the *platformisation of schooling*. It has been evident that a broken up national schooling system has been revealed through this procedure. Modern pedagogy has originated a major concept which is the "*home-schooling technique*". On the other concern, Hochberg et al (2018), argued that experimental lead theory and experiential theory has emphasised the possibilities of science education among students.

Gap of Literature

This section of literature review and exiting literature has few gaps which have been discussed in this section. It can be said that in the article by Nancy et al (2020), there is a discussion of modern learning but how it can be implemented through smart technologies, which is not discussed. This review has faced the existing literature has missed one view *point of up-gradation* which needs to be focused on. In another article, there is a discussion of a major concept which is public pedagogy, in another journal it has been neglected (Williamson et al., 2020). The former research was unable to discuss the different approaches of collaboration and how they can be implemented. It has been viewed that types of assessment and curriculum information is not explored in detail by previous research.

Conflict of interest in research

Conflict of interest in this research must be reduced by the proper collection of it in future research. *Ethical and professional thinking* needs to be followed by the researcher to video conflict in serious order. The independence of the research needs to be followed in this research. In addition to this, reliability and validity is a matter of conflict in the research which needs to be followed for the future research.

Conclusion

It can be concluded that the application of skills and practice is needed in the current education sector. *Distance or remote learning* has positive and negative sides. It has been identified that the education sector in current times is based on the *massive online and the digital approach*. The modern pedagogy approach has a strong concern over the revolution of *visualisation classroom* of a student and its activity. It has been analysed that there are two different concepts which are *modern pedagogy and public pedagogy*. It can be concluded that the Smart Board is a major concept which is discussed in recent times.

Future Direction

The future direction of research needs to explore the possibilities and challenges of modern learning in an effective way. In the future direction, the peer-reviewed journal needs to be collected in order to gather effective data for solving the issue of the educational sector through a pedagogy approach. The concept of the smart approach needs to be revealed for future direction in an effective way, thus the future of direction of research will be concluded for a better expansion.
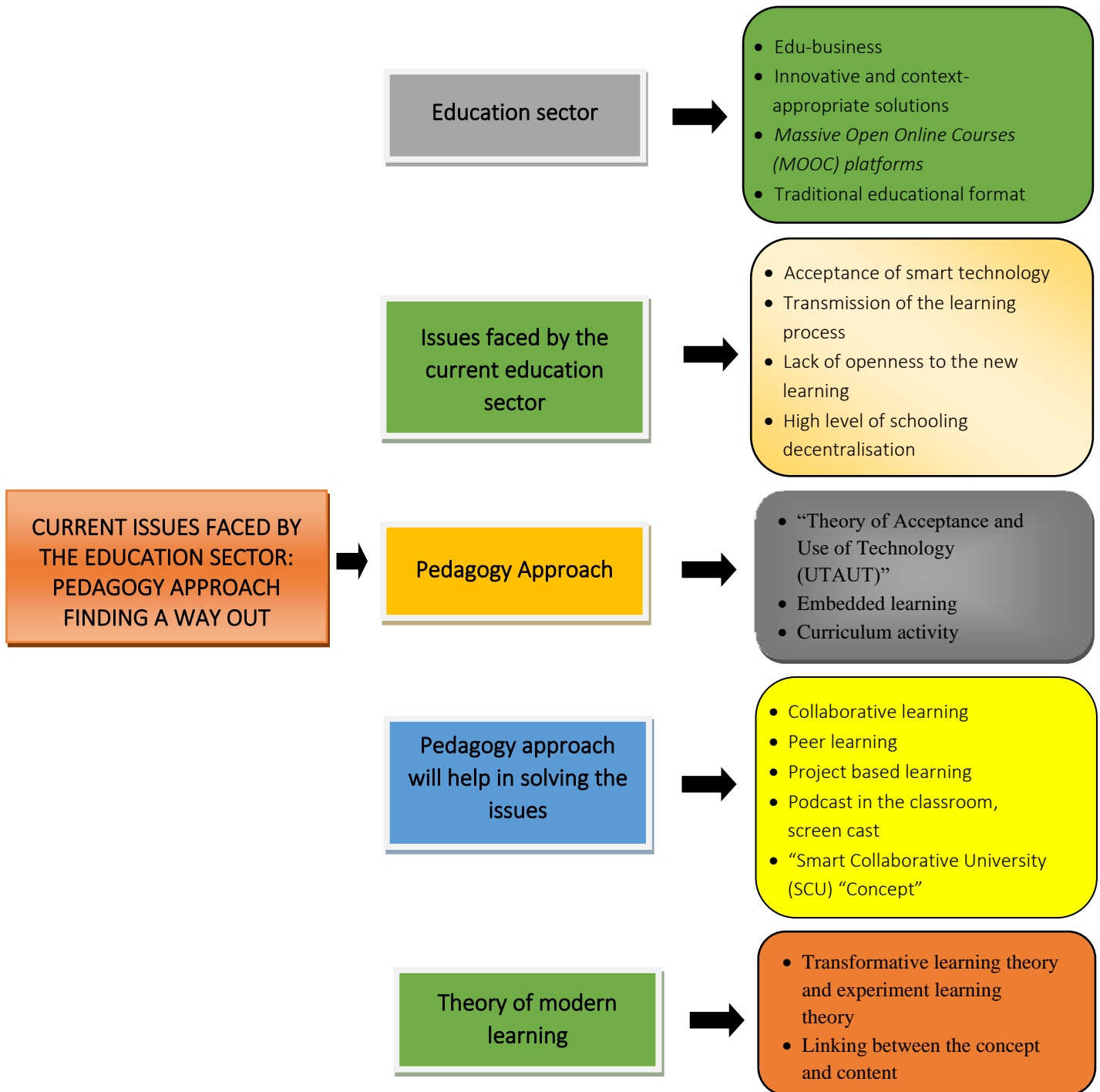
Conceptual Framework

Figure 4: Conceptual and theoretical framework
(Source: Created by researcher)

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