"EMERGING TRENDS IN TEACHING LEARNING PROCESS: A NEW OUTLOOK"

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Abstract:
With the growth of advancement in technology there is growing trend in teaching-learning process. Educators are also inspired to find variety of methods of teaching that are convenient to access. Author aims to study new advancement that are being adopted with the increasing amount of technology.With the world marching towards digitalization the need of hour is to adopt both the traditional ways i.e.,classroom teaching as well as virtual based teaching.

Through this research author makes an attempt to identify the emerging trends, their use, opportunities, benefits for imparting education and challenges faced by educators to adopt and implement E-learning practice. Moreover, it is possible through E-learning to interact with both students from urban and remote areas and from any corner of the world.

This research paper is descriptive in nature. Secondary data and literature review will be used for collection of information. This paper presents and overview of imparting education to today's techno savvy generation.

Keywords: E-learning,digitalization, virtual, techno savvy, google meet.

Introduction:
Over a past few decades the education sectors have tremendously changed from traditional teaching practices to online teaching. For educators it has become imperative to identify the latest methods of teaching that are easily accessible to student from remote areas. During covid 19 pandemic, 2020 and 2021 we all have witnessed that the teaching programs were organized online through digital means like Zoom app and Google meet. In future study also reveals that the online and hybrid courses will continue in the field of education. The past 2 years of the covid pandemic have seen the struggle to find ways to continue teaching.

Author aims to find out how the challenges for future situation for teaching, learning should be operated. Also, what plans and polices, educators should take to face the emergencies that might occur or creep in.

In the humanitarian context government as well as NGOs should provide easy accessibility towards educating youths from all corners of the world.

Objective of the study: Authors aims to study following 3-fold objectives
- To study new advanced method by educators in teaching –learning process.
- To study various advantages and challenges that teachers face in modern classrooms.
- To give suitable suggestions to explore and enlighten students to stand in competitive job market.

Research Methodology:
This research paper is based on analysis of secondary data. Data has been collected through articles, reviews of literature, viz. newspaper periodicals, journals, websites etc. This research paper is descriptive in nature.

Relevance & Need of the study:
This research study shall be fruitful to the educators, management,students,parents & the society at large. Further teacher development programs should be organized for imparting quality education. Variable strategies should be planned before adopting right set of technologies. There is an urgent need to adopt customize teaching-learning methods to increase the skill confidence & promote continued improvement among learners.
Successful quality improvement in education is highly recommended to transfer knowledge in a most effective way. This research seeks to analyze how new methods of teaching-learning will contribute &focuson grooming the students to stay competent in the competitive scenario. Thus, educational systems should look intousing new methods of teaching & contribute them best in molding the students. Further there is a huge gap between the graduates and the professionals the modern industries require. Hence, there is a grave need to adopt updated technologies in teaching-learning process.

Review of Literature:
- Ref. Len Barton, Elizabeth in their article on "Emerging issues on Teacher education & professionalism" have mentioned about the changes in the nature of educational policy making in England. They have given some key issues to explore teacher professionalism which is very much essential in imparting effective & skilled knowledge.
- Ref. Dr D. Chitra in her research paper has elucidated the ideas about what constitutes good teaching. That teachers should be able to create understanding with investigative minds& respond to the queries of the learners.
- Ref. Dr. Gunjan Jain in her research study on "Emerging trends of education during & post covid 19 has mentioned that education is a fundamental right of every individual & how the

worldwide lockdown had affected educational institutions. Due to global pandemic educational institutions were not able to meet the challenges of giving safe educational facilities to students. Further she added that as an alternative way of learning/E-learning mode has been widely accepted.

Emerging Trends in Advanced Methods of Teaching-Learning Process:
There are currently various Trends being revolutionized with strong focus on connectivity, versatility &student-centeredlearning, Following are the advanced methods in educational technology which arewidely adopted by the educators.

1. **Collaborative Teaching:** Technology has made it possible for everyone to stay connected.Students and teachers can connect, discuss, share their opinion, and can act upon situations collaboratively. E.g.- e learning is an effective tool for collaborators which enable students to discuss, ask queries. Teachers are more accessible & act as mentors to help students develop themselves.

2. **Virtual Teaching:** During the pandemic online classes become a compulsion, instead of offline new method through Google meet was conducted so that the students do not suffer from seeking education & syllabus was completed through this new method of teaching.

3. **E-learning:** With e-learning educational content is delivered to learners through computers, laptops, tablets, or smartphones. This method saves time & has opened doors for interactive learning.

4. **Video-Assisted Learning:**In recent years, video-assisted learning has become more & more popular as classroom displays. With the internet & digital devices, everyday can be a video day. Videos specially animated videos are extremely beneficial to enrich lessons. It improves outcomes and results of the students.

5. **Social Media in Learning:** We never thought that social media would be the part of the learning process where every student both young &matured are spending much time on social media, so we can definitely turn it into powerful tool to enhance learning.Social media is here to build culture of collaboration & can lead to an improved learning experience.

6. **Flip the Classroom:** In a flipped classroom students review lecture material at home & work on projects & assignments in the google classroom. Teachers are not the center of flipped classroom. Students engage themselves in group projects, debates & practice. Hence, educators are using the advantages of technology to make learning more effective. In short, educational technology is simply transforming traditional book teaching &learning to digital form.

Advantages of Innovative Teaching Methods:

There are lots of reasons why educators shifted to innovative teaching, replacing the traditional paper & pen teaching method. Some common benefits are as below:

1. Technology is an innovation of humans.Education through use of technology allows teachers to provide multimedia to address diverse learning such as live video, animation, etc.
2. Technology has made it possible for everyone to stay connected
3. Students do not have to go to a specific class at a specific time, they can learn whatever & whenever. Technology makes education smarter and more effective.
4. It offers a wider choice of materials that can be accessed easily.
5. It helps learners to develop communication skills & improve performance in workplace settings.
6. It provides a fun & engaging learning experience for students.

The use of educational technology has therefore become important for today's learners because it offers them an opportunity to learn at a much faster pace than the usual means of learning. Recent years have seen a great revolution in the technological world & many people are now getting into digital media.It is therefore essential for teachers to use the latest tools & be innovative in imparting knowledge.

Challenges Faced by Educators:

Some of the crucial technological challenges faced by educators are as below:

- There is huge gap between graduates and the modern employment requirement.
- Teachers lack proper training and resources to integrate modern technologies into classroom teaching.
- There is lack of technology that can help teachers to impart personalized learning in a limited period of one class.
- Assessment strategies have always remained a major challenge for educators with questions getting repeated and MCQ based on objectives in nature. Also, there is a weak relationship between learning outcomes and assessment and students on the other hand have no right to "Know" whether they are assessed properly or "How" they are assessed.
- Adopting modern technology infrastructure is easier but facilitating funds for mass adoption is expensive and out of budget.
- Teachers cannot gauge the students engagement in the virtual classroom because students can cite network issues as the cause of switching the camera off.
- Another challenge faced by educators is that there is no proper monitoring when it comes to online tests and exams.
- Also, there is severe lack of self-motivation in students. Teachers need to take proper measures to keep the students engaged.

Suitable Suggestions:

Some suggestions to remedy the problems of teaching-learning are mentioned below:

- The education stakeholders must use advanced technological tools and decide certain metrics to determine the quality of education.
- Regular assessment of the teaching staff must be done to ensure that teachers are capable of teaching and doing justice in imparting knowledge effectively.
- Review the teaching strategies and find out how such innovative strategies can improve students' outcomes.
- Some financial institutions should come forward and extend a helping hand for introducing e-classroom.
- Industrial experts should be invited to counsel students that along with reading, writing the focus should be also on education, entrepreneurship, and employment.

Outcome of the Study:

Recent surveys reveal that almost 75% of educators worldwide will adopt digital tools to impart knowledge. By the end of 2026 these trends shall replace textbooks. With times to come educational settings are likely to be updated. However, choosing the right set of technologies is a big challenge for educators as there would be need to train teachers the same.

With the globalization of Education & research, digital technology promises to bring about better, faster & more relevant outcomes from almost anywhere.

Educators now agree that personalized education yields better learning outcomes & technology has accelerated this process.

Conclusion:

In the light of the above it can be concluded that teaching-learning process with adoption of new technology shall bring on better future for students of this country. However, the educational institutions must join hands for a student-oriented system of higher education. Further hybrid learning sources can help young professionals to acquire multidisciplinary skillsets. However, the large-scale adoption & embracing of such learning sources are still going to take a lot of time to penetrate.

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