A CRITICAL ANALYSIS OF BLENDED LEARNING

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Abstract:

Education is a lifetime process of human being. Quality education is the need of our. Under National Education Policy 2020, the government is attempting to achieve the same goal (NEP-2020).National education policy 2020 is the first education policy of the 21st century. The national education policy covers fundamental and university education in urban as well as rural India. The first education policy was announced in 1968 and second in 1986. The Ministry of Human Resource Development formed a committee chaired by Dr K. Kasturirangan for preparing the National Education Policy. The Committee was constituted in June 2017. The Committee submitted its report on May 31, 2019. The Kasturirangan Committee's National Education Policy, which was filed, aims to solve the following issues plaguing the current educational system:Quality,Affordability,Equity,Access, Accountability. The government also focuses on e -learning.In this paper,we discuss the study about the NEP-2020 and blended learning, role of teachers in Blended Learning(BL).

Keyword: NEP, Blended Learning (BL), Equity, Cognitive, Quality.

Introduction:

National Education Policy 2020 is the first education policy of the 21st century that envisions worldwide access to good quality education. All aspects of the educational organisation, including its rules and governance, are proposed to be updated and revised[2]. With 27 chapters, the National Education Policy 2020 is divided into 4 parts. The Indian government outlined a number of obstacles and circumstances that have an impact on children's education in the policy. The introduction section of the draught begins by outlining the essential needs of children, how to realise one's potential, how to advance equality and justice in society, national development, high standards in education, scientific advancement, national integration, and cultural preservation. The policy outlines the essential ideas include flexible learning, identifying, recognising, and developing each student's individual strengths, and achieving a foundational level in reading and math by the third grade. Multidisciplinary education system emphasising practical knowledge, creativity, analytical and critical thinking skills, conceptual advancement, the development of ethics and human values through constitutional preaching, the practical skills necessary to manage one's life righteously, the use of technology, and other such skills. The Policy is then divided into four sections, including part 1 on school education, part 2 on higher education, part 3 on professional education, and part 4 on all other important sectors. [3].

Blended Learning:

Blended Learning also referred to as hybrid learning. It is a way of teaching that integrates traditional place-based classroom techniques with online educational resources and chances for online participation. One of NEP-2020's guiding principles is online education. The first remote learning programme is introduced by Sir Isaac Pitman in the 1840s. Shorthand was the main focus of his course. Pitman required his students to return the shorthand texts he had delivered to them via postcards in order to receive feedback and corrections. The training on mainframes and minicomputers in the 1960s and 1970s is where the concept of modern computer-based training originated. For the first time, training for a large number of employees within an organisation could be distributed without relying on printed materials and in-person instruction.Employees could simply login to their character-based terminals to access the information. One of the most notable systems was Plato, which was developed by Control Data and the University of Illinois back in 1963. In fact, Plato is still around today.

Businesses started using video networks to train their staff in the 1970s and 1980s stage of the blended learning timeline. In order to onboard new workers or increase the skill sets of current employees, the teacher no longer needed to be present on-site. As a result, the training was more interesting and participatory. The instructor was available on TV for the students to observe, and they could even send any questions or concerns by mail to the instructor to be answered.

Technology and blended training methodologies and applications both advanced throughout the 1980s and 1990s. Schools and organisations started employing CD-ROMs to create more interactive learning experiences, like those that include video and sound. These transmission methods were appropriate for remote learning since they could store bigger amounts of information. Computer-based courses may now provide a rich and thorough learning experience for the first time in the history of eLearning. It even occasionally replaced in-person education in some circumstances. This is also when the first Learning Management Systems (LMS) were introduced, though they didn't offer the same functionality as the solutions available today. Organizations wanted to be able to track learner progress and improve online training courses, and these systems helped to monitor eLearning course completion, enrollment data, and user performance within the CD-ROM network.

First wave of online education was introduced in 1998. Then, computers began to offer more interactive features. Although browsers boosted connection speeds and made internet learning resources available to almost everyone, graphics, sound, and video became more immersive. In the year 2000, blended learning is experiencing a vibrant period. A growing number of businesses and private educational institutions are starting to see the advantages of a blended learning strategy as a result of the quick advancement of technology. Learners now have access to a wide selection of tech resources, including webinars, online tutorials, and interactive classroom scenarios. Face-to-face instruction and technology-based learning are gradually combining to produce innovative and new ways to improve educational outcomes and make learning more enjoyable and interesting. Traditional classrooms have a track record of being successfully updated to the 21st century through

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blended learning.

According to the National Education Policy 2020, which was released by the Indian government, blended learning should be immersive and activity-based. It refers to a thoughtfully designed mixture of worthwhile activities in both online and face-to-face formats rather than merely mixing the two. Following research into a number of different effective blended learning systems, the following characteristics stand out: Intentional technology use, Student engagement, Active blended learning, Appropriate training for instructors.
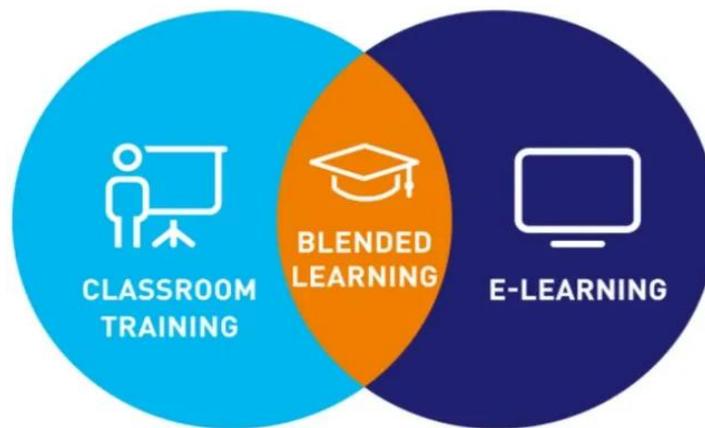

Fig.Blended Learning

Adopted from [1]

Blended Learning is good for both students and teachers. Blended Learning means having both online and face-to-face interaction with students and teachers. Also, Blended Learning is al known as mixed-mode Learning and hybrid Learning. We all know that online learning has turned out to be the best way of learning and has improved our education system a lot. The features of BL are Student/Teacher Learning, Student-Centric Learning, Flexibility in Teaching and Assessment, Self-Learning, Distance Learning. The problems arise during the study of BL are:

- Are the colleges are capable of implementing BL?
- A significant percentage of students are excluded.
- According to BLOOM's Taxonomy, the development is failing on all fronts.
- Dropouts rates will rise.
- Health of students will be concerned.

Literature Review:

The author Akshita Gupta presented in her paper "Critical Analysis of NPE-1986 and NEP-2020" that some key highlights of NPE-1986.NPE-1986 gave emphasis on early childhood educations,strategies that involved total development of the child. She also discuss curriculum and pedogogical structure of NPE-1986 and NEP-2020.She also talking about the

purpose of NEP-2020 that the goal of this educational system was to create a good human being who was capable of morally correct reasoning and action, proposing empathy and compassion, courage and resiliency, a scientific mindset, and a creative imagination with strong moral grounding and ideals. Having a new training programme that could improve education from remote areas was one of the many new resources that the national policy of education provided for students and aspirants to come with a dream come true, but they still had a long way to go because curriculum enhancement was still needed, which is now being provided with the aid of NEP 2020, which focuses on the key areas[4].

On the other hand, the author Srujana Kathi et al. presented their paper "A Critical Analysis of India's National Education Policy(2020):Insights Into Educational Transformation" that a vast portion of society may easily access and afford education thanks to the evolving information and communication technology (ICT) trends, which are familiarised in educational platforms like MOOCs, SWAYAM, etc. A popular alternative to traditional university faculty training is online faculty development, which is based on a nano-MOOCs format to increase professors' digital teaching competencies. Participants in the study improved their proficiency with digital tools. As a result, efficient, adaptable training may be completed quickly and is familiar with the requirements and characteristics of the teachers. She is also talking about the NPTEL, SWAYM PRABHA, and SWAYAM are some of the most innovative examples of technology-enabled learning (TEL) in higher education today. By incorporating educational resources and digital content into lessons using a variety of blended learning strategies, e-Learning is expected to advance traditional classroom instruction. Mobile devices and social networking sites have paved the way for new content distribution and knowledge sharing in learner groups. With the help of MOOCs, more people throughout the world have access to high-quality education. The four most widely used and developed MOOC Platforms are NPTEL , mooKIT , IIT Bombay X , and SWAYAM[2].

The author Anu Vaishale B presented in her paper" Critical Analysis of the Education Policy 2020 in India" that what the new changes under the NEP-2020? ,the schemes of internship and vocational education had been introduced from class 6th onwards. The author also give some suggestions that a special online platform should be established for students to complain regarding the educational institution, also suggested that a special ombudsman should be appointed for every district to solve the disputes that arise regarding the education system and educational institution[3].

Qualities essential for a modern teaching:

To be successful online educators, teachers must receive the proper training and growth. A good instructor in a traditional classroom may not necessarily be a good instructor in an online classroom. Together with pedagogical adjustments, a new strategy is needed for online tests. Scaling up the use of online exams comes with a number of difficulties, such as restrictions on the kinds of questions that can be posed in an online setting, managing network and power outages, and avoiding unethical behaviour. It is possible to partially overcome the limits of some course/subject categories in the online/digital education area, such as performing arts and science practical. Moreover, online education will tend to become a screen-based education with little emphasis on the social, emotional, and

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psychomotor dimensions of learning unless it is integrated with experience and activity-based learning.

Quality is a term very frequently used in every society but very few could articulate it. The term is used to convey an assurance of satisfactory service on product in the area of both management studies and development studies. Parameters of quality :Basic information, Learning environment, Curriculum and, teaching learning materials(T.L.M.),Teachers' participation with demands of changing society, Management and curriculum support, Class room processer and practices, opportunities of time, High exception, Develop a quality culture in the institution, Teacher's accountability, Positive reinforcement. The skill/prerequisites for teachers are:-

- The teacher should be proficient in technology and digital tools.
- Planning and classroom manager
- Data Analytics
- Content expertise
- Motivators
- Collaboration and Risk taking

Role of teacher in BL:

A student's life depends on the role of a teacher. While parents provide for a child's emotional needs, it is teachers who recognise and comprehend these demands in a classroom setting. They feed the child so that they can have a brighter future. Throughout the beginning of time, pupils have looked up to instructors as role models. The influence a teacher can have on a student's life cannot be overstated because kids spend the majority of their day in school. Yet, such a paradigm shift in the teaching-learning environment calls for enhancing characteristics in the teachers including adaptability, creativity, and persistence. This results from the extension of the function of an educator, who is now also expected to be an effective communicator, risk-taker, facilitator, and delegator to improve student skills and serve as a catalyst.[6]. The role of teacher in BL are as under:-

- 1)BL does not replace teacher.
- 2)BL shifts the teacher's role from knowledge provider to coach and mentor.
- 3)The teacher play an active and important role in student's education.
- 4)Teacher as a facilitator and evaluators.
- 5)Teacher as a classroom planner.
- 6) Teacher as a Content developer.
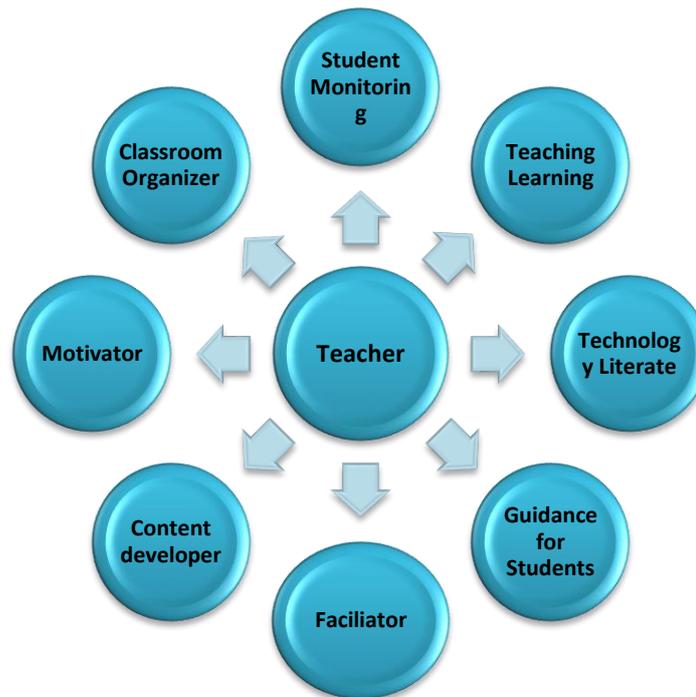- 7) Teacher as a Classroom managers.

Fig : The Roles and Tasks of Teachers [10]

what are the suggestions regard to the blended learning?

According to my analysis, there is a some suggestions and recommendations are as under:-

- The level of courses is very advance.The Students at the college level is not able to understand some of the concept taught.
- In face -to-face teaching we can understand the difficulty of the students very easily by just looking at them or by asking them.
- We are unable to identify the slow learner.
- Students can easily manipulate the answers.
- There is no centralised control on the teaching-learning activity.
- There is digital divide in the country.
- Not every students participated in online activities.

Advantages:

- It is a new pedagogy.
- Notes are readily available.
- Video lecture can be multiple time revised at any time.

Conclusion:

With the help of resources analysis provided on NEP-2020 ,we conclude that NEP-2020 provide a lots of sources for the students and aspirants to complete their education.Also there is larger scope to improve the rate of literate in India.NEP-2020 help the students for in persuing the education without restriction.

References:

- https://techktimes.com/blended-learning/ for diagram.

- Srujana kathi et al,"A Critical Analysis of India's National Education Policy(2020):Insights Into Educational Transformation", Journal of Positive School Psychology, Volume 6,pp 4561-4567,2022.

- Anu Vaishale B,SOEL,"Critical Analysis of the Education Policy 2020 in India".

- Akshita Gupta,"Critical Analysis of NPE-1986 and NEP-2020",International Journal of Science and Research,Volume 11 Issue 4,April 2022.

- Ms Reena,TEACHER QUALITY:NATIONAL EDUCATION POLICY 20920",Volume 10 Issue :1(5),Jan.2021.

- Geeta Rani et al.," Visioning the role of teacher to facilitate blended learning environment after covid-19" Volume - 6, Issue - 9, Sept – 2020.

- Md. Abdul Malek and Lokanath Mishra," Quality Assurance in Teacher Education",IJPED,Volume 4(1),pp 25-29 ,June 2016.

- Archana Pandey and Dhananjai Yadav," An Analysis of Blended Learning Approach in Indian Context", Volume 9,pp 47-51,June 2019.

- Dr. Nandini Banerjee, Dr. Amarnath Das, Ms. Sreya Ghosh," NATIONAL EDUCATION POLICY (2020): A CRITICAL ANALYSIS", VOL.13, Issue 3, Sept, 2021.

- Dr. Sercan BURSA," THE VIEW OF PROSPECTIVE SOCIAL STUDIES TEACHERS ON BLENDED LEARNING", Volume: 24,Article: 11,Jan 2023.