Digital Curriculum an Universal Choice for Quality Education

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Abstract

Education is crucial to keep pace with the rapid technological advancements that are transforming the world. For any country to grow and create more opportunities for a better future, education must be given top priority. However, providing high-quality education in Under developed and developing countries is a challenging task. A country cannot progress without nurturing its values and capabilities. Therefore, innovative educational practices can help bridge the gap to access quality education. India has adopted the National Education Policy 2020 to bring significant improvements to the education system for skill development and societal growth. Educating the people is an investment in a country's resilience and future prosperity.

Keywords: National Education Policy, Digital education, Quality education, Technology, Inclusive education, Innovation and research

Introduction:

A nation's education system may undergo significant changes as a result of a National Education Policy, 2020. It will need a comprehensive and cooperative effort involving educators, legislators, technology specialists, and the community at large to adapt the National Education Policy to the digital age. NEP 2020 is a curriculum reform initiative that emphasizes modern and relevant subjects, incorporates technology, and fosters critical thinking and problem-solving abilities. This guarantees that students have the information and abilities necessary to meet the changing demands of society. NEP has the potential to tackle upcoming obstacles.

Literature Review:

The New Education Policy 2020, Digitalization and Quality of Life in India: Some Reflections- written by Yury Klochov, Kuiandaivel Shanmugan, and Kunnummal Muralidharan According to their research, NEP 2020 is a widely accepted and legally required educational strategy for better futures and educational changes. However, given the projected execution of the policy in the context of digitalization and improving living standards, this can prove to be a very challenging task. According to them, significant advancements in life quality can be achieved by flexibility in appropriate lifelong learning and training, which can combine education, experience, skill, and the rigidity of the labor market's segmentation to provide better job chances.

Challenges and Opportunities for Online Education in India: Aman Jindal, Dr. B.P.S. Chahal

Their research demonstrates that, if adopted in concert with business, academia, and government, online learning has the potential to completely transform the landscape of education in the future. To close the gap and ensure that graduates are prepared for the workforce, significant curriculum adjustments are needed. Technology needs to be used to change the educational process and make it more practical. In order to reach a

wider audience and provide rural Indian youngsters with greater chances, courses should also be offered in other languages. To improve the social skills of online learners, creative solutions are needed.

Methodology: For the study secondary data is used.

The objective of the research:

1) To find out the role of National Education Policy 2020 in the Digital era

2) Role of digital education in the achievement of the outcome of NEP 2020

National Education Policy (NEP) 2020 in the digital era:

In order to improve learning outcomes, accessibility, and the entire educational experience, the National Education Policy must be adjusted to take advantage of technological improvements in teaching practices. NEP 2020 aims to modernize and overhaul the country's educational system. The significance of a strong digital infrastructure in educational institutions is acknowledged by the policy. The NEP 2020 places a special emphasis on online learning. Although digital education has the potential to provide high-quality education, a number of elements, including infrastructure, pedagogical approaches, and execution, will determine how effective it is. In order to improve learning outcomes, accessibility, and the entire educational experience, the National Education Policy must be adjusted to take advantage of technological improvements in teaching practices.

The country as a whole is being transformed into an information economy and digitally engaged society thanks in part to the Digital India Campaign. Enhancement and expansion of current digital stages and evolving ICT-based educational initiatives are necessary to fulfil the current and upcoming problems of providing high-quality education to everyone. NEP 2020 places a strong emphasis on developing online learning spaces where students may practice the topics they have been taught and on making course materials available in several languages. Additionally, it aids in the creation and marketing of online learning environments. This entails building an archive of excellent teaching materials and promoting the use of online learning environments for group projects.

NEP 2020 promotes the use of digital resources and tools to improve instruction in order to provide inclusive education of high quality. The quality of education is enhanced by interactive multimedia content, well-designed digital resources, and current information. Since teachers are essential to the successful integration of technology in the classroom, NEP 2020 places a strong emphasis on the necessity of providing them with digital pedagogy training. To guarantee the successful integration of technology into their teaching methods and establish a supportive online learning environment, they must receive the necessary training and professional development. It promotes the use of digital resources and tools to improve instruction in order to provide inclusive education of high quality. The quality of education is enhanced by interactive multimedia content, well-designed digital resources, and current information.

NEP 2020 encourages Interactivity and Engagement: Interactive and engaging learning activities, like virtual labs, collaboration tools, and simulations, are made possible by digital platforms. These components can improve students' comprehension and memorization of ideas, raising the standard of instruction as a whole. Additionally, flexibility in terms of studying location and time is offered by digital education. One of NEP 2020's goals, inclusive education, may be realized with the support of this adaptability. Prompt feedback has the potential to improve learning outcomes and enrich the educational experience.

NEP 2020 and Global Connectivity: By bringing educational standards into line with international standards and creating an atmosphere that generates graduates who are competitive worldwide, a well-designed NEP 2020 seeks to increase the nation's competitiveness in the global arena. Global connectivity and access to an abundance of information outside of traditional classroom walls are made possible by digital education. By

interacting with different viewpoints, students can learn more about a variety of subjects and enhance their entire educational experience.

NEP 2020 Encourages Innovation and Research - To provide a dynamic and adaptable learning environment that equips students for the intricacies of the contemporary world and the uncertainties of the future, innovations in education are crucial. Everyone can contribute to the advancement of civilization by discovering, embracing, or advocating new technologies thanks to high-quality education. It is anticipated that the new, research-focused education policy will hasten the achievement of the aforementioned goals and instil innovation in all parties involved. Educational institutions are encouraged by NEP 2020 to conduct research on how technology affects learning outcomes. NEP 2020 encourages educational institutions to research the impact of technology on learning outcomes. National Education Policy explores collaborations with the private sector to improve the quality of education and increase its access. This could involve partnerships for infrastructure development, technology integration, and skills training.

Conclusion:

The National Education Policy 2020 is widely accepted as a blueprint for radically altering the educational landscape and establishing a new educational system that will equip young people with human values and new knowledge to address the problems and challenges facing a civilized society today and in the future. Strong education is the cornerstone of scientific thinking, which has the power to enhance life quality. The goal of the National Education Policy 2020 was to modernize the educational system, and it contained measures for incorporating digital and technological learning. But issues like the digital divide, the requirement for cyber security, and the possibility of passive learning, if not handled correctly, can affect how well digital education works and how National Education Policy 2020 turns out. In order to guarantee that every citizen of the nation has equal access to digital education and benefits and may live a decent and standard life, it is imperative that these issues be resolved.

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