Chapter-4

Technology Use and Integration: A Key Factor of NEP-2020

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Abstract

The integration of technology is heavily emphasized in The National Education Policy- 2020 (NEP-2020) because technology can serve as an important factor in paving the way for holistic development. NEP-2020 represents a paradigm shift toward improving the educational system. Things are now accessible thanks to technology, which has permeated practically every aspect of life. The need for technology to be embraced in the education sector is also growing. The country is being transformed into a digitally empowered society and knowledge economy with the aid of the Digital India Campaign. Technology in education will be crucial to improving education procedures and results.

NEP-2020 recognizes the importance of leveraging the advantages of technology while acknowledging the potential risks of developing and expanding the current ICT-based educational programs and digital platforms to address present and upcoming challenges. This chapter will focus on technology, various digital platforms and their implementation. The primary purposes of introducing these technology-based platforms will be to streamline educational planning, management, and administration, including procedures about admissions, attendance, assessments, and other related areas; improve teaching-learning and evaluation processes; support professional development and teacher preparation; and improve educational access as per NEP-2020.

Keywords: national education policy-2020, use of technology, integration of technology, technology-enabled learning