

Impact of Digital Transformation on Higher Education in India: An Analysis in the Context of NEP 2020

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Abstract: Over the past decade, India's higher education sector has undergone rapid digital transformation, a shift that intensified following the introduction of the National Education Policy (NEP) 2020. This paper examines the extent and impact of this digital shift through an analysis of secondary data drawn from official sources such as AISHE, UDISE+, NITI Aayog, and Ministry of Education reports. The study evaluates how key government initiatives—SWAYAM, DIKSHA, and NPTEL—have influenced accessibility, inclusivity, and pedagogical innovation in Indian higher education. Findings reveal a significant improvement in digital infrastructure and participation in online learning, though persistent challenges such as the digital divide, lack of faculty preparedness, and inequitable access remain. The paper concludes that achieving sustainable digital transformation requires continuous investment in infrastructure, teacher training, and policy interventions aligned with the vision of NEP 2020.

Keywords: Digital Transformation, Higher Education, NEP 2020, ICT, Online Learning