

Building a Knowledge Society NEP- 2020 and the Digital Transformation



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Building a Knowledge Society: NEP- 2020 and the Digital Transformation

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Preface

The editor warmly welcomes its reader into the literary world of academic discourse via, “Building a Knowledge Society: NEP 2020 and the Digital Transformation”, a comprehensive exploration of the dynamic and most revered intersection between India’s education and the ongoing digitalization. The purpose behind this book is to bring together experts, researchers, scholars, practitioners from diverse fields, providing them with an opportunity to disseminate their research findings and insights related to carving a knowledge society triggered by digital transformation keeping in parlance with NEP 2020.

The book "Building a Knowledge Society: NEP 2020 and the Digital Transformation" delves into the transformative landscape of India's educational framework as outlined by the government's landmark policy. Offering a comprehensive analysis, the book explores the key pillars of the NEP 2020, including changes in pedagogy, curriculum design, and assessment methods. It critically examines the policy's emphasis on flexibility, interdisciplinary learning, and the integration of technology in education.

The purpose of this book is, therefore, to contribute and provide scientific understanding as to how to build a knowledge society triggering the need of digital transformation within the arena of implementation of NEP 2020. Contents are aimed to facilitate understanding of the nuances of a knowledge society, the need of digital transformation in education and the major constraints in implementing NEP 2020 and its impact on the digital world, especially, in the Indian context.

The authors provide a historical context, tracing the evolution of education policies in India and contextualizing the significance of the NEP 2020 in the broader socio-economic milieu. Through case studies and expert perspectives, the book unpacks the potential impact of the policy on various stakeholders, from students and teachers to educational institutions and policymakers. Addressing challenges and opportunities, the book engages with the discourse on inclusive and equitable education, exploring how the NEP 2020 aims to bridge gaps in access and quality. Additionally, it scrutinizes the implications for vocational education, research initiatives, and international collaborations.

Section 1 provides an overview of the knowledge societies and understanding of digital transformations and NEP 2020 with a focus on key highlights and assessments of NEP 2020. Effort is also made to outline the major challenges in implementation of NEP 2020 and measure to overcome the barriers in digital transformation. Section 2 attempts to explore various methods and approaches to study the process of digital transformation like online education, blended learning models, gamification and learning, artificial intelligence, data analytics, inclusive education etc and also and suggesting innovations and innovative practices to achieve sustainability in education. Section 3 focusses on policy implementation, governance, and sustainability. It provides a detailed analysis of the role of governance in educational infrastructure and connectivity by analysing the sustainability of knowledge society and digital transformation in context of NEP 2020. Emphasis is laid on future of education and work with international collaboration.

We express our deepest gratitude to EZ Publication for their constant support and suggestions that made possible the successful completion of this book. Thus, this work will provide platform and facilitate valuable contribution allowing professors and researchers to share innovative ideas by establishing meaningful discourse and professional piece of academic writing in the form of chapters contributed.

We hope that the book "Building a Knowledge Society: NEP 2020 and the Digital Transformation" will contribute to the overall development of society especially the ongoing knowledge society in the digital world catering to the needs to educational sector under the purview of NEP 2020. This book holds immense significance and serves as a valuable resource to the students, researchers, teachers, academicians, experts, government officials, administrators, and policy makers and anyone interested in understanding the paradigm shift in India's educational landscape, offering insights into the aspirations, challenges, and future trajectory of the country's education system by proposing strategies for building a knowledge society in the digital world leading to sustainable development.

Editors

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CHAPTER

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Challenges in Implementation of New Education Policy

¹Dr. Divya R. Panjwani and ²Dr. Nazia Akhlaq

Abstract

A number of critical concerns must be resolved prior to the successful implementation of NEP 2020 in higher education. These concerns pertain to accessibility, teaching quality, research, and innovation. Cooperation from all stakeholders will be necessary to ensure the effective execution of NEP 2020 in higher education. A landmark document, the National Education Policy 2020 (NEP 2020) seeks to revolutionize the education system across all tiers in India. A number of ambitious objectives are outlined in the policy with regard to higher education, including expanding access, enhancing quality, and encouraging research and innovation. However, a number of critical issues must be resolved prior to the successful implementation of NEP 2020 in higher education. Cooperation from all stakeholders will be necessary to ensure the effective execution of NEP 2020 in higher education. Collaboration among the community, institutions, instructors, and students, as well as the central and state governments, will be necessary to achieve this objective.

Education is an essential cornerstone of society and plays a crucial role in transforming and molding the future of individuals, communities, and nations. It equips individuals with the necessary knowledge, comprehension, abilities, moral principles, ways of living, and beliefs needed to live satisfying lives, make contributions to society, and contribute to the economic and social progress of their nation. The NEP 2020, adopted in India, is a comprehensive policy framework aimed at revolutionizing the country's education system to effectively address the changing needs of the 21st century.

Key Aspects of the Relationship between Education and the National Education Policy 2020 are:

The NEP 2020 emphasizes the comprehensive development of learners, focusing not just on academic achievement but also on fostering creativity, critical thinking, social-emotional learning, and physical

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