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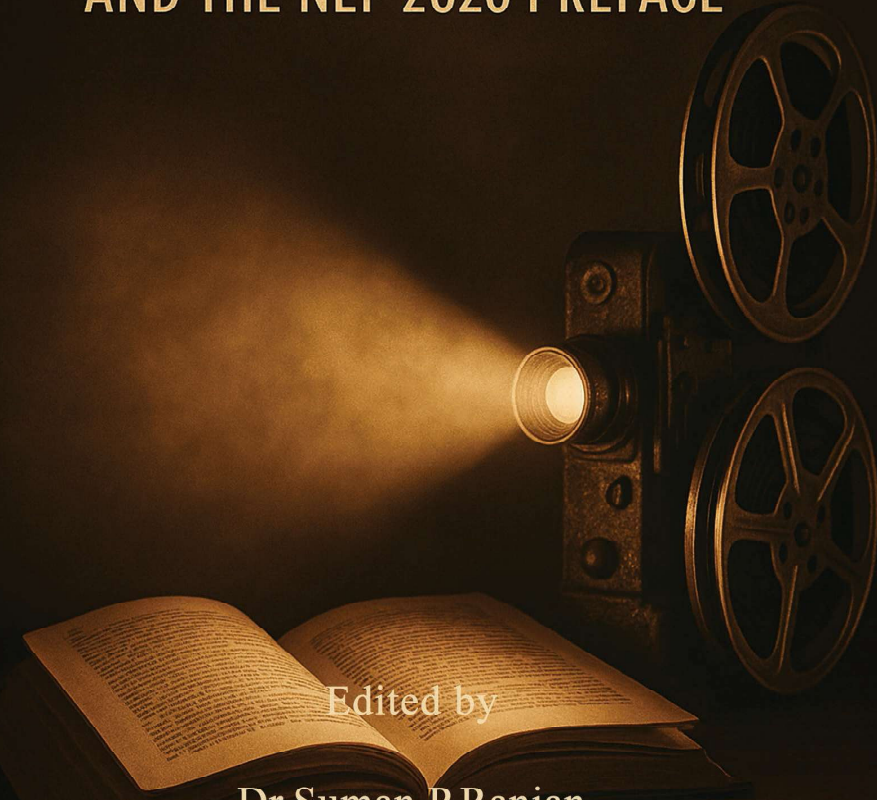


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TRANSFORMATIVE TEACHER EDUCATION IN INDIA

CONTEXT, SKILL DEVELOPMENT, AND THE NEP 2020 PREFACE

TRANSFORMATIVE TEACHER EDUCATION IN INDIA- CONTEXT, SKILL DEVELOPMENT, AND THE NEP 2020 PREFACE



Edited by

Dr.Suman P.Ranjan
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Transformative Teacher Education in India: Context, Skill Development, and the NEP 2020 Preface

Edited by

Dr. Azkiya Waris

Dr. Suman P. Ranjan



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Table of Content

Sr. No.	Chapter Name	Page No
Chapter 1	Leadership For Mental Health and Well-Being in Schools: A Strategic Approach to Holistic Educational Administration <i>Dr. Farheen Fatima Zaidi, Dr. Ekhlak Ahmad</i>	1-12
Chapter 2	Educational Technology and Teacher Education: Technological Challenges in Rural Areas <i>Dr. Mudit Kumar Verma</i>	13-23
Chapter 3	Introduction To Teacher Education in India <i>Sada Warsi, Dr. Azkiya Waris</i>	24-36
Chapter 4	Digital Pedagogy and Equity: Redefining Teacher Training in The Age of Blended Learning <i>Dr. Suman P. Ranjan</i>	37-48
Chapter 5	Teacher Education for Vocational and Skill Development <i>Dr. Priyanshi Gupta</i>	49-61
Chapter 6	Culturally Responsive Leadership: Bridging Equity and Excellence <i>Dr. Dhriti Tiwari</i>	62-77
Chapter 7	Education Financing and Sustainable Development Goal 4 in India: Issues, Challenges, And Policy Recommendations <i>Dr. Abdul Moeed, Dr. Shagufta Nazneen Ansari</i>	78-108

Chapter 8	Utility of New Education Policy 2020 In Context to Current Education System	109-116
	<i>Dr. Anil Kumar Singh</i>	
Chapter 9	Technology Integration in Catholic Schools; Are Teachers Prepared?	117-125
	<i>Ansa Fatima, Dr. Noorain Anas</i>	
Chapter 10	Ethical Leadership and Decision-Making in Education	126-137
	<i>Dr. Farheen Fatima Zaidi, Dr. Amit Chaurasia</i>	
Chapter 11	The Impact of Educational Technology on Teacher Training and Development	138-149
	<i>Dr. Shaista Ateeque</i>	
Chapter 12	From Design to Delivery: A Strategic Approach to Engaging Learners Through Innovative Pedagogical Practices	150-164
	<i>Arshiya Idris</i>	
Chapter 13	शिक्षक शिक्षा में ICT और ई-लर्निंग का उपयोग	165-182
	<i>Dr. Rakesh Kumar</i>	
Chapter 14	Digital Divide in Teacher Education: Challenges, Consequences, And Strategies for Achieving Equity in Rural Contexts	183-198
	<i>Shyamili Singh</i>	
Chapter 15	Indigenous Languages in Education: A Key to Cultural Preservation and Academic Success	199-205
	<i>Ruchi Bhardwaj</i>	

CHAPTER - 4

DIGITAL PEDAGOGY AND EQUITY: REDEFINING TEACHER TRAINING IN THE AGE OF BLENDED LEARNING

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ABSTRACT

This chapter examines the fundamental transformation of teacher education driven by educational technology (EdTech), positioning technology as a transformative agent rather than just a tool. It advocates for equipping future educators with a ‘Digital Compass,’ emphasizing the integration of Technological Pedagogical Content Knowledge (TPACK) to foster creativity and data-informed instruction. The discussion analyzes innovative delivery models, including blended learning and Massive Open Online Courses (MOOCs), highlighting their potential for accessibility and personalized continuous professional development. Crucially, the chapter addresses the significant challenges posed by the digital divide, particularly in rural settings, proposing human-centric strategies like low-bandwidth solutions and peer mentorship to ensure equity. Ultimately, it argues that successful digital integration must liberate teachers for high-value human interactions—mentoring and creative design—ensuring technology serves pedagogical goals and maintains the essential human connection at the heart of learning.

Keywords: Educational Technology (EdTech), Technological Pedagogical Content Knowledge (TPACK), Blended Learning,