

HOLISTIC AND MULTIDISCIPLINARY EDUCATION

THROUGH THE LENS OF NEP 2020



Foreword by
Prof. Asheesh Srivastava

Editors:

**Prof. (Dr.) Ramakanta Mohalik | Dr. Sonalika Bhattacharya Das
Dr. Partha Sarathi Nandi**

**HOLISTIC AND MULTIDISCIPLINARY EDUCATION
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Holistic and Multidisciplinary Education through the Lens of NEP 2020

Patron
Sk Md Anisur Rahman

Editors
Prof. (Dr.) Ramakanta Mohalik
Dr. Sonalika Bhattacharya Das
Dr. Partha Sarathi Nandi



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Holistic and Multidisciplinary Education through the Lens of NEP 2020

Patron

Sk Md Anisur Rahman

Secretary, Idan Teachers Training College
Purba Medinipur, West Bengal, India

About the Editors

Prof. (Dr.) Ramakanta Mohalik

Professor, Department. of Education
Regional Institute of Education, (NCERT)
Bhubaneswar, Odisha, India

Dr. Sonalika Bhattacharya Das

Principal, Idan Teachers Training College
Purba Medinipur, West Bengal, India

Dr. Partha Sarathi Nandi

Assistant Professor, (Teacher-in-charge)
Idan Teachers Training College,
Purba Medinipur, West Bengal, India

About The College

IDAN Teachers Training College, located in Paschim Nekra, Panskura, Purba Medinipur, West Bengal, is a distinguished institution dedicated to shaping future educators. Established in 2016, the college has rapidly become a beacon of academic excellence and professional training in the region. It offers the Bachelor of Education (B.Ed.) and the Diploma in Elementary Education (D.El.Ed.). The B.Ed. program is affiliated with Baba Saheb Ambedkar Education University (BSAEU), formerly known as The West Bengal University of Teachers' Training, Education Planning and Administration, while the D.El.Ed. Program operates under the recognition of the West Bengal Board of Primary Education (WBBPE).

The college's mission is to provide high-quality teacher training to students from diverse backgrounds, emphasizing inclusivity and equal opportunity. By focusing on both classical and professional education, IDAN aims to equip aspiring teachers with the necessary skills and knowledge to excel in the evolving educational landscape. The institution is committed to fostering an environment that encourages continuous learning and professional development.

IDAN Teachers Training College boasts a comprehensive academic framework supported by modern facilities. The campus includes a well-stocked library, e-monitoring systems, and biometric attendance to ensure a conducive learning environment. The college also emphasizes co-curricular and extracurricular activities, recognizing their importance in the holistic development of future educators.

In addition to its academic offerings, IDAN Teachers Training College actively engages in community initiatives & dedicated to social responsibility and community service.

The leadership at IDAN is deeply invested in the institution's growth and the success of its students. The principal highlights the college's rapid ascent as a landmark of academic excellence and its commitment to quality training. The secretary emphasizes the college's diverse course offerings and its focus on preparing students not just for teaching jobs, but for fulfilling their dreams as educators.

In summary, IDAN Teachers Training College stands as a premier institution in Purba Medinipur, dedicated to nurturing competent and compassionate educators. Through its accredited programs, modern facilities, and commitment to holistic development, the college provides a robust foundation for aspiring teachers to thrive in their professional journeys.

Secretary's Message

It is with immense pleasure that I present this book, *Holistic and Multidisciplinary Education through the Lens of NEP 2020*, as a significant contribution to the ongoing discourse on educational transformation in India. The National Education Policy (NEP) 2020 has ushered in a new era of learning, emphasizing a holistic and multidisciplinary approach that fosters creativity, critical thinking, and lifelong learning.

This book is a reflection of the insightful deliberations from the One-Day National Seminar on *"Implementation of Holistic and Multidisciplinary Education under NEP 2020: Preparedness, Challenges, and Innovations,"* organized by IQAC, Idan Teachers Training College. The discussions and research findings compiled here provide a comprehensive understanding of the preparedness, challenges, and innovative strategies essential for the successful implementation of NEP 2020.

I extend my heartfelt gratitude to the esteemed editors, *Prof. (Dr.) Ramakanta Mohalik, Dr. Sonalika Bhattacharya Das, and Dr. Partha Sarathi Nandi*, for their dedication in curating this valuable academic resource. Their collective expertise and commitment have ensured that this publication serves as a guiding light for educators, policymakers, and scholars.

I also take this opportunity to congratulate all the contributors whose scholarly insights and research have enriched this book. Their dedication and intellectual efforts have made this publication a valuable reference for those seeking to understand and implement the principles of NEP 2020 effectively.

Additionally, I appreciate *Amitrakshar Publishers* for bringing this vision to life and ensuring that the book reaches a wide audience. I hope that this work will inspire further academic discussions and practical implementations that align with the transformative goals of NEP 2020.

Wishing all readers an enriching experience as they explore the depth of knowledge contained in these pages.

Warm regards,



Sk Md Anisur Rahman

Secretary, Idan Teachers Training College
Purba Medinipur, West Bengal, India

Principal's Message

It is a moment of great pride and joy to introduce this remarkable book, *Holistic and Multidisciplinary Education through the Lens of NEP 2020*. This publication stands as a testament to the commitment and dedication of educators and scholars in shaping the future of education in alignment with the visionary National Education Policy (NEP) 2020. By advocating a holistic and multidisciplinary approach, NEP 2020 paves the way for an education system that nurtures creativity, critical thinking, and lifelong learning.

This book is an outcome of the profound discussions and scholarly exchanges that took place during the **One-Day National Seminar on September 19, 2024**, organized by **IQAC, Idan Teachers Training College**. It offers deep insights into the preparedness, challenges, and innovations required for the successful implementation of NEP 2020. The contributions compiled within these pages reflect the dedication of academicians and researchers in driving educational transformation.

I extend my heartfelt **congratulations to our esteemed Secretary, Sk Md Anisur Rahman**, whose unwavering support and vision have been instrumental in fostering academic excellence at Idan Teachers Training College. His leadership has played a crucial role in making this seminar and publication a reality.

I also take this opportunity to **congratulate the entire staff of Idan Teachers Training College** for their relentless efforts and contributions in ensuring the success of this initiative. Their hard work and commitment to educational growth are truly commendable.

A special appreciation goes to **Prof. (Dr.) Ramakanta Mohalik, and my colleague Dr. Partha Sarathi Nandi** for their outstanding editorial efforts in compiling this valuable academic resource. Their dedication has ensured that this book serves as a guiding reference for educators, policymakers, and scholars.

Lastly, I extend my gratitude to **Amitrakshar Publishers** for their role in bringing this vision to life and ensuring that this work reaches a wider audience. I am confident that this book will serve as an essential resource for those seeking to understand and implement the transformative changes envisioned under NEP 2020.

Wishing all readers a thought-provoking and enlightening journey through the knowledge and perspectives shared in these pages.

Warm regards,



Dr. Sonalika Bhattacharya Das
Principal, Idan Teachers Training College
Purba Medinipur, West Bengal, India

PREFACE

The National Education Policy (NEP) 2020 heralds a paradigm shift in the Indian education landscape, aiming to make learning more holistic, multidisciplinary, and rooted in Indian values while being globally relevant. This book, *Holistic and Multidisciplinary Education through the Lens of NEP 2020*, is a scholarly endeavour to interpret, analyse, and reflect on the multiple dimensions of NEP 2020 through a diverse collection of academic perspectives. Each chapter addresses critical elements of the policy, providing insights, critiques, and practical approaches for its implementation.

Chapter 1: “NEP 2020 and the Future of Education: A Holistic and Multidisciplinary Approach” By Debasmita Kundu & Dr. Mita Howladar This chapter provides a foundational understanding of NEP 2020’s vision, advocating for student-centric and inclusive education. It highlights the interconnectedness of various disciplines and the integration of ethical, emotional, and intellectual learning—paving the way for well-rounded individuals.

Chapter 2: “Multimodal Pedagogy in Teacher Education” By Ramakanta Mohalik & Bonosree Karmakar explores how diverse teaching modes—visual, auditory, digital, and experiential can enhance teacher education. In alignment with NEP 2020, the chapter highlights the need to prepare future educators to adopt flexible, inclusive, and technology-integrated pedagogical practices.

Chapter 3: “Recommendations of Higher Education and Research in NEP 2020: Scope, Provisions and Reality of Implementation” By Manas Kanti Pramanik critically explores the structural changes proposed in NEP 2020 for higher education. The chapter discusses the push for multidisciplinary universities, flexible curricula, and increased enrollment targets. It also examines the tension between policy vision and on-ground realities, highlighting concerns such as financial constraints, digital divides, and the centralization of educational governance.

Chapter 4: “Attitude and Proficiency of Bengali Language in Secondary School District Students: A Study in South 24 Parganas” By Dr. Nirbhik Dey This empirical study explores how students in a specific region perceive and perform in their mother tongue, underlining NEP’s support for regional languages as a medium of instruction in early education.

Chapter 5: “Technological Integration in Education: Opportunities and Hurdles” By Mr. Soumitra Mondal In an increasingly digital era, this chapter evaluates the dual nature of technology in education. While celebrating its role in accessibility and innovation, it also addresses issues like digital literacy gaps, infrastructure limitations, and teacher preparedness.

Chapter 6: “Impact of Computer-Assisted Instruction (CAI) on Student Academic Achievement in Physical Science at the Secondary Level: An Experimental Study in the Context of NEP 2020” By Arunava Samanta & Asit Kumar Das Grounded in experimental research, this chapter measures the academic outcomes of CAI methods in science education. The findings support NEP’s vision of enhancing learning outcomes through tech-enabled personalized learning environments.

Chapter 7: “Bridging Gaps: Overcoming Challenges in Teacher Training for NEP 2020 Implementation” By Dr. Sonalika Bhattacharya Das Addressing one of the most crucial pillars of NEP, this chapter explores the systemic, logistical, and attitudinal gaps in teacher preparation. It recommends reforms in pre-service and in-service training aligned with the policy’s goals.

Chapter 8: “Technology-Driven Multidisciplinary Learning: A New Educational Frontier” By Pinki Gupta This forward-looking chapter proposes a blended learning model where artificial intelligence, virtual labs, and cross-disciplinary learning platforms redefine how knowledge is delivered and absorbed across disciplines.

Chapter 9: “Holistic and Multidisciplinary Education: A Pathway to Inclusive Growth and Equal Opportunities” By Dipankar Barik Drawing connections between education and social equity, the chapter explains how NEP’s holistic framework can become a powerful tool for reducing disparities and expanding opportunities for marginalized communities.

Chapter 10: “Professional Development of Female Teacher Educators in Odisha” By Ashtama Kumari Focusing on gender inclusivity in education leadership, this chapter examines the professional development trajectories of female teacher educators. It offers policy-level suggestions to promote equity and leadership among women educators.

Chapter 11: “Holistic Horizons: Nurturing Every Learner under NEP 2020” By Moumita Ghosh & Dr. Partha Sarathi Nandi Concluding the volume, this chapter revisits NEP’s child-centric philosophy. It explores

emotional well-being, inclusive education, and the cultivation of life skills, reinforcing the policy's aim of educating the "whole child."

Chapter 12: "Impact of ICT on the Pedagogical Approaches of Teacher Trainees: A Study Based on NEP 2020" by *Sk. Najim Ahmed* examines how the integration of Information and Communication Technology (ICT) is reshaping teaching methodologies among teacher trainees in alignment with NEP 2020. The chapter highlights the shift from traditional to tech-enabled, learner-centric pedagogies, exploring how digital tools are fostering innovation, interactivity, and inclusivity in teacher education. It also reflects on the preparedness of trainees to adapt to this evolving educational landscape.

Chapter 13: শ্রীমদ্ভগবদগীতায় কুরুক্ষেত্রের ধর্মযুদ্ধের প্রাক্ কালে "ভগবদগীতা" এবং অর্জুনের "পরিস্থিতি"-তে "হিতকর আচরণ" নীতির মূল্যায়ন by *Priyotosh Ghosh* delves into the ethical principles of "beneficial conduct" as portrayed in the Bhagavad Gita, analyzing Arjuna's moral dilemmas during the Kurukshetra war.

This book is a collaborative intellectual effort to understand NEP 2020 not merely as a policy document but as a vision for the future of India's education. It is our hope that these contributions will serve as a resource for educators, policymakers, researchers, and students striving to transform this vision into lived reality.

Editors:

Prof. (Dr.) Ramakanta Mohalik

Dr. Sonalika Bhattacharya Das

Dr. Partha Sarathi Nandi

Date : 28th February, 2025

Place: Panskura

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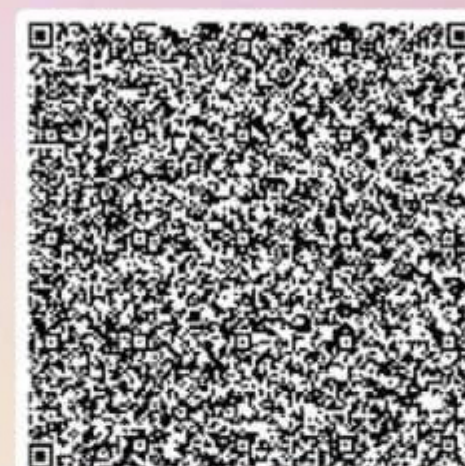
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One Day National Seminar On

"Implementation of Holistic and Multidisciplinary
Education under NEP 2020: Preparedness,
Challenges, and Innovations"

Organization by: IQAC, Idan Teachers Training College



website.: www.amitrakshar.co.in

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