PREFACE TO THE EDITION

With great anticipation and enthusiasm, we present the inaugural issue of International Journal of Teacher Education Research Studies (IJTERS). This journal aspires to serve as a bridge between research, policy, and practice, bringing together innovative ideas and evidence-based insights to inspire transformative change in education.

This inaugural issue's articles showcase the diverse geography of current educational discourse by covering a wide range of subjects and approaches. The goal of each contribution is to raise important issues, stimulate discussion, and provide practical methods to improve instruction.

The initial article, *"A Comparative Analysis of Traditional and Blended Learning Approaches: Impact on Student Engagement in Teacher Training Programs,"* examines how innovative teaching models are reshaping student engagement and learning outcomes. This study underscores the potential of blended approaches to revolutionize teacher education.

In *"Evaluating the Implementation of the National Education Policy (NEP) 2020: Challenges, Opportunities, and Impact on the Indian Education System,"* the authors provide a comprehensive analysis of NEP 2020's transformative vision. This article navigates through its early successes, inherent challenges, and its potential to redefine the future of Indian education.

The main focus of "*Exploring the Effectiveness of Inclusive Education Practice in B.Ed. Programs*" is the discussion of inclusivity. The methods, difficulties, and achievements of incorporating inclusive education concepts into teacher preparation programs are discussed in this article, opening the door to a more equal learning environment.

The impact of technology on pedagogy is critically assessed in *"Impact of Digital Pedagogy on Student Engagement in Higher Education."* The authors explore how digital tools and methodologies enhance student interaction, learning experiences, and academic outcomes in the rapidly evolving digital age.

An insightful investigation into teacher competency is presented in *"The Impact of Multiple Intelligences on Teaching Competency and Self-Efficacy in B.Ed. Trainees: A Study in the Indian Context."* This article explores how recognizing and leveraging multiple intelligences can empower teacher trainees to become more effective and confident educators.

The importance of emotional intelligence in education is explored in *"The Role of Emotional Intelligence in Enhancing Teaching Competency and Student Engagement among Pre-Service Teachers."* This study highlights the transformative potential of emotional intelligence in fostering empathetic, resilient, and impactful educators.

The article *Development of XAI Based Model for Prediction of Heavy Impact Rain Using Satellite Data Using Machine Learning* delves into the development of an XAI-based

machine learning model to predict heavy impact rain using satellite data, addressing a critical need for reliable and actionable meteorological forecasts. Through cutting-edge techniques, the study bridges the gap between advanced prediction accuracy and comprehensible insights for practical applications.

We hope that you will take a moment to consider the vital connections between educational theory, policy, and practice while you peruse the articles in this journal. We really hope that these contributions will ignite thought-provoking discussions, motivate creative solutions, and lend a helping hand to educators and lawmakers as they work to mold a brighter future for students.

Our deepest appreciation goes go to the writers, editors, and reviewers whose boundless energy has made our dream a reality. Many thanks to everyone who has come along on this adventure with us as we have investigated the ever-changing world of education. Together, let us strive to create meaningful, impactful, and inclusive educational experiences for all.

Dr. Premachandran P
Chief Editor

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