



# **DIGITAL TRANSFORMATION IN EDUCATION**

**DR. HARISH KUMAR YADAV, DR. SATYENDRA KUMAR**



**SR.NO. CHAPTER AND AUTHORS NAME****PAGE NO.**

- |    |  |     |
|----|--|-----|
| 9  | <b>EXPLORING ONLINE LEARNING: METHODS, BENEFITS, AND CHALLENGES</b><br><i>Dr. Deepshikha Agarwal</i>   | 84  |
| 10 | <b>NAVIGATING THE DIGITAL FRONTIER: ENHANCING EARLY CHILDHOOD CARE AND EDUCATION THROUGH DIGITAL TRANSFORMATION</b><br><i>Dr. Mukesh Kumar Chandrakar, Dr. Preeti Sahu</i> | 95  |
| 11 | <b>GENDER SOCIALIZATION: AN INDIAN OUTLOOK IN THE CONTEXT OF MEDIA, JUDICIARY &amp; SCHOOLING</b><br><i>Dr Jayita Choudhury</i>  | 104 |
| 12 | <b>ESSENTIAL ELEMENTS FOR EDUCATIONAL LEADERS DRIVING SYSTEMATIC CHANGE THROUGH DIGITAL TRANSFORMATION</b><br><i>Dr. Sanjay Kumar, Mrs. Puja</i>                           | 118 |
| 13 | शिक्षा में सूचना एवं संप्रेषण तकनीकी (ICT) की भूमिका<br>कुलदीप   | 128 |
| 14 | साइबर अपराध और सुरक्षा<br>डॉ. विनी शर्मा   | 134 |

## CHAPTER : 10

# NAVIGATING THE DIGITAL FRONTIER: ENHANCING EARLY CHILDHOOD CARE AND EDUCATION THROUGH DIGITAL TRANSFORMATION

**Dr. Mukesh Kumar Chandrakar <sup>1</sup>, Dr. Preeti Sahu <sup>2</sup>**

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### ABSTRACT

The digital landscape is rapidly evolving, presenting both opportunities and challenges in early childhood care and education (ECCE). This paper explores the potential of digital transformation to enhance ECCE through various dimensions: digital literacy and skill development, personalized learning experiences, parental engagement, and collaboration, data-driven decision-making, and equity and access. By examining these dimensions, this paper aims to shed light on how technology can be leveraged to create a more inclusive, effective, and responsive ECCE system. Through a comprehensive analysis of current trends and practices, as well as emerging technologies, this paper provides insights into the transformative potential of digital tools in shaping the future of ECCE.

**Keywords:** *Early Childhood Care and Education, Digital Literacy, Skill Development, Parental Engagement.*

### INTRODUCTION:

**I**n the ever-changing landscape of education, the integration of digital technology has become a cornerstone in shaping the future of early childhood care and education (ECCE). This introduction serves as a gateway to explore the multifaceted impact of digital transformation on ECCE, emphasizing five pivotal dimensions: digital literacy and skill development, personalized

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