


# Chapter 7

## Design–Based Research as Transformative Methodology in Field of Sanskrit Literature Education

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### **ABSTRACT**

*This chapter explores design-based research (DBR) as a transformative methodology tailored to the field of Sanskrit literature education. By integrating iterative design, collaborative processes, and real-world contexts, DBR offers a pragmatic framework to address the challenges of modernizing and contextualizing traditional knowledge systems. The study emphasizes, the way DBR facilitates the development of culturally responsive pedagogies that preserve the richness of Sanskrit literature while aligning with contemporary educational demands. Key components of the methodology include bridging theory and practice, leveraging digital tools for curriculum design, and fostering interdisciplinary approaches that integrate Sanskrit studies with technology, humanities, and social sciences. Through case studies and practical applications, the chapter suggest about student engagement, promote deeper understanding, and develop scalable and sustainable educational models.*

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## INTRODUCTION

Sanskrit literature is a treasure trove of philosophical, spiritual and cultural heritage that has significantly shaped the intellectual traditions of India and influenced global thought systems. Despite its richness, Sanskrit literature education faces a range of challenges in contemporary settings. These include the perception of Sanskrit as an inaccessible or outdated language, rigid traditional pedagogies and limited use of technology in the teaching-learning process. DBR offers a transformative methodology to bridge these gaps, providing an iterative, context-sensitive framework to develop and refine educational practices. By integrating theory with practice, DBR enables the creation of innovative, student-centered solutions that address real-world challenges in Sanskrit literature education. In this chapter, DBR can be applied to reinvigorate Sanskrit literature education, making it engaging, relevant and accessible to diverse learners while preserving its essence and depth.

It has emerged as a transformative methodology that aims to bridge the gap between theory and practice in educational settings. Unlike traditional experimental research, DBR focuses on the iterative design and testing of educational interventions within real-world environments. This methodology is particularly beneficial in fields where traditional educational paradigms need to be revisited and redesigned to meet contemporary needs, such as Sanskrit literature education. Recent studies highlight the potential of DBR to revitalize Sanskrit education by addressing pedagogical challenges and integrating modern technologies and interdisciplinary approaches.

*DBR's role in Sanskrit literature education:* Recent studies have shown that DBR can significantly transform the teaching of Sanskrit literature by adapting curriculum design, introducing innovative teaching methods, and promoting engagement through technology. These studies emphasize that Sanskrit education, traditionally based on rote learning, can benefit from the flexibility and responsiveness of DBR's iterative process.

- Curriculum innovations: Scholars have utilized DBR to redesign Sanskrit curricula that blend traditional knowledge with contemporary approaches.
- Incorporating technology: In an increasingly digital world, DBR facilitates the incorporation of technology into Sanskrit education.

*Pedagogical transformations through DBR:* Recent research points to DBR's potential in reshaping pedagogy in Sanskrit literature education by focusing on learner-centered approaches and critical thinking. A significant transformation identified in the literature is the shift from rote memorization to active learning and critical engagement.

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