

## **IN-DEPTH ANALYSIS OF THE INFLUENCE OF INTRINSIC MOTIVATION ON ACADEMIC ACHIEVEMENT AMONG HIGH SCHOOL STUDENTS: THE ROLE OF SOCIAL SUPPORT, LEARNING STYLES, AND SELF-PERCEPTION AS MEDIATORS**

**Muhammad Natsir**

Universitas Negeri Medan, Indonesia  
natsirfbs@unimed.ac.id

### **Abstract**

This research explores the interplay between intrinsic motivation and academic achievement among high school students, with a particular focus on the mediating roles of social support, learning styles, and self-perception. The study aims to gauge intrinsic motivation levels and unravel the intricate mechanisms influencing its impact on academic success through a mixed-methods approach, combining quantitative surveys and qualitative interviews. The anticipated findings seek to confirm a positive correlation between intrinsic motivation and academic achievement while providing nuanced insights into the mediating factors. Social support networks, diverse learning styles, and positive self-perception are examined as potential catalysts, adding depth to our understanding of the complex dynamics at play. The implications of these findings extend to actionable strategies for educators and policymakers to enhance evidence-based practices, fostering environments that not only propel academic success but also instill a lasting love for learning among high school students.

**Keywords:** Intrinsic Motivation, Academic Achievement, High School Students, Social Support, Learning Styles, Self-Perception, Mediating Factors, Education, Evidence-Based Practices, Student Motivation.

### **Introduction**

Contemporary education recognizes the pivotal role of understanding the intricate dynamics of student motivation in fostering effective and enriching learning environments (Shernoff, 2013; Sitopu et al., 2024). This study delves into the relationship between intrinsic motivation and academic achievement among high school students, aiming to move beyond superficial correlations. The research focuses on unraveling the nuanced interplay of intrinsic motivation and its translation into tangible educational outcomes. A particular emphasis is placed on investigating the mediating roles of social support, learning styles, and self-perception in shaping the complex landscape of student motivation (Derakhshan et al., 2022; Haddar et al., 2023). Modern educational discourse consistently emphasizes the central role of intrinsic motivation in driving academic success. Students motivated by internal desires exhibit heightened engagement and persistence, ultimately achieving academic excellence. However, understanding the complexity of motivational processes requires a deeper exploration of the underlying mechanisms and contextual factors influencing intrinsic motivation. This literature review sets the stage for a more detailed exploration, recognizing the