

## Self-Actualization and Higher Education Learners' Mental Well-Being

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**Keywords:** Self-Actualization, Mental Well-Being, Higher Education, Psychological Development, Motivation, Resilience, Academic Engagement, Emotional Health

**DOI No:**

<https://doi.org/10.56976/jsom.v4i1.249>

*The concept of self-actualization, as introduced by Abraham Maslow, represents the highest level of psychological development where individuals achieve their full potential. In the context of higher education, self-actualization is intricately linked with learners' mental well-being, as it fosters intrinsic motivation, resilience, purpose, and psychological satisfaction. This research paper explores the role of self-actualization in enhancing the mental well-being of higher education students. Using a mixed-method approach, the study surveyed 500 university students across various academic disciplines in Pakistan to measure their levels of self-actualization and mental well-being. The findings reveal a strong positive correlation between self-actualization and mental health indicators such as emotional stability, life satisfaction, and academic engagement. Moreover, students with high self-actualization tendencies demonstrated stronger coping mechanisms and lower anxiety levels. The literature review examines psychological theories, empirical studies, and cultural influences affecting learners' development. Statistical tools such as regression analysis and correlation matrices were employed to validate the findings. The results underscore the necessity of integrating self-actualization-oriented strategies into higher education pedagogy and student support services. Based on these insights, the study proposes targeted policy recommendations including curricular reform, counseling support, and faculty training. Ultimately, this research highlights self-actualization as a transformative factor in shaping mentally resilient and purpose-driven learners in contemporary academic institutions.*

### 1. Introduction

## **1.1 Background**

The twenty-first century has marked an unprecedented transformation in educational paradigms, particularly in the sphere of higher education. With the advent of digital technologies, globalization, and evolving socio-economic dynamics, the purpose and practices of higher education are under constant scrutiny. One emerging concern is the increasing incidence of psychological distress and mental health challenges among university students (Lee & Jung, 2020). As institutions strive for excellence in research and pedagogy, a parallel imperative exists to safeguard the mental well-being of learners. In this light, the theory of self-actualization offers a vital lens through which educators, psychologists, and policymakers can understand and address students' inner needs and motivations.

Originally conceptualized by Abraham Maslow (1943), self-actualization represents the apex of human motivation, where individuals realize their fullest potential. In higher education, self-actualization is not merely about academic achievement but the holistic development of students' emotional, intellectual, social, and spiritual dimensions. Research shows that self-actualized individuals display heightened levels of creativity, autonomy, self-awareness, and resilience (D'Souza & Gurin, 2016; Bauman et al., 2018).

Contemporary academic environments are increasingly competitive, with heightened academic pressures, social expectations, and future uncertainties that often compromise students' psychological health (Arslan & Coşkun, 2020; Rahman et al., 2021). These conditions call for an academic culture that prioritizes personal growth and mental well-being alongside intellectual performance. In such a context, self-actualization acts as both a goal and a buffer—enhancing students' capacity to navigate complex academic landscapes while preserving their mental health (Karapinar et al., 2020).

## **1.2 Self-Actualization in the Educational Context**

Higher education plays a pivotal role in shaping not just the cognitive capacities of learners but also their self-concept and life purpose (Lomas et al., 2017). Students enter universities at a critical developmental stage marked by identity formation, value clarification, and the pursuit of meaning. Studies by (Grant & Ferris, 2019) and Nikčević et al. (2020) have revealed that students who engage in purpose-driven education are more likely to experience long-term satisfaction, personal efficacy, and reduced anxiety.

The process of self-actualization allows students to internalize their educational experiences meaningfully. It promotes self-determination, goal-setting, and ethical reasoning—traits that contribute not only to academic excellence but also to emotional resilience (Ryan & Deci, 2017; Tang et al., 2019). For instance, students who reflect regularly on their personal values and long-term aspirations demonstrate stronger engagement and intrinsic motivation (Manganelli et al., 2022).

Moreover, universities that integrate self-actualization-promoting frameworks, such as learner-centered pedagogy and experiential learning, have seen improvements in student mental

health outcomes (Brown et al., 2019; Jalal et al., 2021). These practices empower students to take ownership of their learning journeys and promote a growth mindset, which is directly associated with psychological flourishing (Yeager et al., 2016).

### **1.3 Challenges Facing Higher Education Learners**

Despite the benefits of higher education, students face an array of psychosocial challenges that inhibit their growth and well-being. Common stressors include academic overload, financial burdens, lack of social support, and uncertainty about future employment (Islam et al., 2020; Ebrahim et al., 2023). These stressors often manifest as mental health issues such as anxiety, depression, and burnout, particularly in under-resourced institutions.

The COVID-19 pandemic further exacerbated these challenges. Lockdowns, remote learning, and disrupted routines significantly impaired students' mental health worldwide (Son et al., 2020; Khalid & Mahmood, 2022). Studies from various countries indicate that students reported increased feelings of isolation, lack of motivation, and loss of purpose (Prowse et al., 2021). In such turbulent times, self-actualization becomes an essential psychological anchor, helping students maintain perspective and direction.

Moreover, the context of Pakistan and similar developing nations presents additional complexities. Educational institutions often lack structured counseling services, career guidance, and developmental programs that promote emotional intelligence and resilience (Farid et al., 2021). Hence, self-actualization is not merely a theoretical construct but a practical necessity in shaping mentally strong and value-driven students in such contexts.

### **1.4 Theoretical Linkages**

Self-actualization is closely linked with several well-established psychological theories that provide a foundation for educational and developmental practices. These include:

- **Maslow's Hierarchy of Needs:** Self-actualization is the ultimate goal, attainable only when prior needs (physiological, safety, love/belonging, and esteem) are met (Maslow, 1943; Elmore et al., 2017).
- **Self-Determination Theory (SDT):** Emphasizes autonomy, competence, and relatedness as fundamental psychological needs (Ryan & Deci, 2017). These components are integral to self-actualized behavior.
- **Positive Psychology:** Constructs such as flow, grit, meaning, and purpose align with self-actualization and contribute to well-being (Seligman, 2018; Kern et al., 2020).

Each of these theoretical models reinforces the idea that human flourishing—particularly in youth and academic settings—is not only about mitigating illness but also about maximizing potential.

### **1.5 Cultural and Socioeconomic Dimensions**

Self-actualization in higher education must be contextualized within the socio-cultural realities of learners. In collectivist societies like Pakistan, students often prioritize family expectations and social conformity over personal growth (Niazi et al., 2019). This can result in suppressed aspirations and identity conflict, hindering self-actualization.

Yet, research suggests that culturally sensitive adaptations of self-actualization principles—such as integrating Islamic values of self-development, service, and reflection—can yield profound psychological benefits (Yousaf & Khalid, 2018; Iqbal & Ahmed, 2021). When rooted in local norms, self-actualization becomes not only possible but transformative.

### **1.6 Relevance to Mental Well-Being**

Mental well-being encompasses emotional stability, life satisfaction, and positive functioning (Keyes, 2016). A growing body of research supports the hypothesis that self-actualized individuals experience superior mental well-being due to greater self-acceptance, meaning-making, and inner harmony (Bailey & Phillips, 2016; Liu et al., 2021).

Furthermore, interventions promoting self-awareness, mindfulness, and purpose are associated with reductions in anxiety and improvements in academic persistence (Zhou et al., 2022; Walker et al., 2023). In higher education, this translates into enhanced student performance, retention, and career preparedness.

### **1.7 Research Imperative**

Despite the growing recognition of self-actualization's role in education and mental health, limited empirical research has explored this connection within the South Asian higher education context. Most studies remain focused on Western populations or narrowly define student success through academic metrics. There is a pressing need for culturally grounded research that examines how intrinsic growth can serve as a cornerstone for students' mental and academic outcomes in Pakistan.

This study responds to that need by empirically investigating the correlation between self-actualization and mental well-being among university students. It aims to provide actionable insights for educators, counselors, and policymakers working to build more human-centered and psychologically supportive academic environments.

### **1.8 Research Objectives**

1. To examine the role of self-actualization in enhancing the mental well-being of higher education learners.
2. To identify key psychological indicators associated with self-actualized learners.
3. To analyze the relationship between academic engagement and self-actualization.
4. To propose strategies for integrating self-actualization practices in higher education.

### **1.9 Research Questions**

1. What is the relationship between self-actualization and the mental well-being of higher education students?
2. Which psychological traits are commonly found in self-actualized learners?
3. How does self-actualization influence academic motivation and engagement?
4. What institutional strategies can promote self-actualization in university settings?

## **2. Literature Review**

### **2.1 Introduction to Self-Actualization in Educational Psychology**

The concept of self-actualization has long been a cornerstone of humanistic psychology, originating from Maslow's (1943) hierarchy of needs. It denotes a state where individuals realize their full potential and achieve psychological completeness. In higher education, this concept is increasingly seen as essential to students' holistic development (Kernis & Goldman, 2006; Baumeister et al., 2003). The role of universities has shifted from mere knowledge dissemination to fostering environments where personal growth, autonomy, and psychological well-being are paramount (Deci & Ryan, 2000).

### **2.2 Self-Actualization as a Predictor of Academic and Mental Wellness**

Empirical studies suggest that students exhibiting traits of self-actualization—such as autonomy, purposefulness, and creativity—demonstrate improved academic performance and reduced psychological distress (Sumerlin, 2007; Green et al., 2017). Datu and Valdez (2019) emphasized that the ability to align academic goals with personal values is a critical factor in reducing stress, enhancing motivation, and improving persistence.

Moreover, self-actualization has been linked to protective psychological traits such as resilience, optimism, and self-efficacy (Fredrickson, 2001; Seligman, 2018). These traits form part of what is now termed “positive psychological capital” and are crucial in supporting mental well-being in high-pressure academic settings (Luthans et al., 2007).

### **2.3 The Interplay Between Self-Actualization and Mental Well-Being**

Mental well-being refers to the state in which individuals can cope with normal life stresses, realize their abilities, and work productively (WHO, 2004). The psychological literature often associates mental wellness with constructs such as self-esteem, life satisfaction, and emotional regulation—all of which are strongly correlated with self-actualization (Ryff & Singer, 2008; Keyes, 2005).

In academic contexts, positive mental well-being is not only critical for cognitive performance but also fosters social connectedness and retention rates (Conley et al., 2014). Recent studies by Liu et al. (2021) and Zhou et al. (2022) confirm that students with higher levels of self-actualization report significantly lower symptoms of anxiety, depression, and emotional exhaustion.

### **2.4 Cultural Adaptations of Self-Actualization**

While self-actualization has universal appeal, its manifestations vary across cultural contexts. In collectivist societies such as Pakistan, China, or Saudi Arabia, self-actualization often entails group harmony, filial responsibility, and spiritual fulfillment rather than purely individualistic pursuits (Yousaf & Khalid, 2018; Wang & Lu, 2020). Cultural research by Hofstede (2011) reinforces that motivational constructs such as self-actualization must be adapted for sociocultural relevance. Iqbal and Ahmed (2021) explored Islamic perspectives of self-actualization, noting overlaps with concepts like *nafs-e-mutma'inna* (soul at peace) and self-purification. These spiritual and ethical components broaden the understanding of personal growth in Muslim-majority contexts.

## 2.5 Role of Higher Education Institutions

Universities have a moral and structural responsibility to create ecosystems that nurture both academic performance and psychological growth (Tight, 2020). Pedagogical practices such as reflective learning, experiential education, and values-based curriculum have been associated with promoting self-awareness and mental health (Kolb, 2014; Lomas et al., 2017).

Initiatives like student counseling, mentorship programs, and emotional intelligence training have also shown effectiveness in improving well-being and reducing attrition rates (Grant et al., 2014; Brown et al., 2019). These practices are especially vital in developing countries, where systemic academic pressures often go unaddressed.

## 2.6 Theoretical Frameworks Connecting Self-Actualization and Mental Health

Several theoretical models have provided a robust framework to understand the relationship between self-actualization and psychological wellness:

- **Self-Determination Theory (SDT)** posits that the fulfillment of autonomy, competence, and relatedness contributes to psychological growth and well-being (Ryan & Deci, 2000).
- **Positive Psychology** frameworks emphasize strengths, flow, meaning, and purpose as factors contributing to both self-actualization and mental flourishing (Seligman & Csikszentmihalyi, 2000).
- **PERMA Model** by Seligman (2011) integrates Positive Emotions, Engagement, Relationships, Meaning, and Achievement—all of which align with self-actualization.

These theoretical linkages validate the significance of incorporating humanistic principles into academic settings.

## 2.7 Mental Health Challenges in Higher Education

Numerous studies highlight rising mental health issues among university students, including anxiety, depression, burnout, and loneliness (Stallman, 2010; Bewick et al., 2010). The COVID-19 pandemic further magnified these concerns, with students globally reporting increased psychological distress and decreased life satisfaction (Son et al., 2020; Prowse et al., 2021).



In Pakistan, limited mental health infrastructure in universities compounds the problem. Farid et al. (2021) note that less than 10% of public universities have full-time mental health professionals, making student-led development strategies like self-reflection and value-clarification even more critical.

## **2.8 Recent Empirical Evidence**

Recent empirical studies have used various psychometric tools to measure self-actualization and its impact. For instance, the Personal Orientation Inventory (POI) and Self-Actualization Scale (SAS) are often employed alongside the Warwick-Edinburgh Mental Well-being Scale (WEMWBS) (Joseph & Wood, 2010; Tennant et al., 2007).

Research conducted by Manganelli et al. (2022) found that students who scored high on personal meaning and values showed significantly better well-being scores and academic engagement. Similarly, Zhou et al. (2022) identified that self-reflective practices were correlated with better emotional regulation.

## **2.9 Gaps in Literature**

Although much research underscores the psychological benefits of self-actualization, gaps remain. Few studies offer longitudinal evidence on how self-actualization impacts students over time. Additionally, in Pakistan and similar contexts, research remains limited to descriptive analyses with few interventions or experimental designs.

There is also a scarcity of culturally validated measurement tools that incorporate both Western psychological models and indigenous values. Addressing these gaps will enhance the effectiveness and applicability of student development programs in local settings.

## **3. Methodology**

### **3.1 Research Design**

This study uses a quantitative research design supported by a cross-sectional survey. A questionnaire was developed based on Maslow's Self-Actualization Scale and Warwick-Edinburgh Mental Well-being Scale (WEMWBS).

### **3.2 Sample Size and Selection**

A sample of 500 students (250 male, 250 female) from five public and private universities in Pakistan was selected using stratified random sampling. The respondents came from diverse academic disciplines including humanities, sciences, business, and engineering.

### **3.3 Data Collection Tools**

- **Self-Actualization Scale** (adapted from Jones & Crandall, 1986)
- **Mental Well-being Scale** (WEMWBS)
- **Demographic questionnaire** (age, gender, department, socioeconomic status)

### **3.4 Data Analysis Techniques**

- Descriptive Statistics

- Pearson's Correlation
- Linear Regression Analysis
- SPSS Software (v26)

#### 4. Results and Interpretation

**Table No 1: Descriptive Statistics**

| Variable           | Mean | SD   |
|--------------------|------|------|
| Self-Actualization | 3.94 | 0.55 |
| Mental Well-Being  | 4.01 | 0.48 |

**Table No 2: Correlation Matrix**

| Variables          | 1      | 2      |
|--------------------|--------|--------|
| Self-Actualization | 1      | 0.76** |
| Mental Well-Being  | 0.76** | 1      |

( $p < 0.01$ )

**Table No 3: Regression Analysis**

| Predictor          | B    | SE   | $\beta$ | t     | Sig. |
|--------------------|------|------|---------|-------|------|
| Self-Actualization | 0.81 | 0.04 | 0.76    | 18.25 | .000 |

#### 4.1 Interpretation

The results confirm a significant positive correlation between self-actualization and mental well-being ( $r = 0.76$ ,  $p < 0.01$ ). Regression analysis shows that self-actualization is a strong predictor ( $\beta = 0.76$ ) of mental health outcomes. These findings support the hypothesis that self-actualized learners possess better emotional balance, motivation, and cognitive focus.

#### 5. Conclusion

This study affirms the central role of self-actualization in promoting mental well-being among university students. Students who cultivate inner growth, purpose, and autonomy experience higher life satisfaction, emotional regulation, and academic engagement. The findings have theoretical implications for humanistic psychology and practical implications for educational reform.

#### 5.1 Policy Recommendations

1. **Curriculum Integration:** Introduce self-reflection modules, personal development courses, and ethics in university curricula.





2. **Student Counseling:** Establish mental wellness centers with trained counselors focused on growth-based therapies.
3. **Faculty Training:** Equip educators with tools to foster autonomy, feedback, and self-motivation in students.
4. **Mentorship Programs:** Develop mentorship schemes that emphasize personal growth and long-term vision.
5. **Wellness Metrics:** Incorporate mental well-being indicators in university performance assessments

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